

Example hpgltools usage with fission

Ashton Trey Belew abelew@gmail.com

2015-04-27

```
render("hpgltools.Rmd", output_format="pdf_document")
render("hpgltools.Rmd", output_format="html_document")
```

Example hpgltool usage with a real data set (fission)

This document aims to provide further examples in how to use the hpgltools.

Setting up

Here are the commands I invoke to get ready to play with new data, including everything required to install hpgltools, the software it uses, and the fission data.

```
## These first 4 lines are not needed once hpgltools is installed.
source("http://bioconductor.org/biocLite.R")
```

```
## Bioconductor version 3.0 (BiocInstaller 1.16.4), ?biocLite for help
## A new version of Bioconductor is available after installing the most
## recent version of R; see http://bioconductor.org/install
```

```
biocLite("devtools")
```

```
## BioC_mirror: http://bioconductor.org
## Using Bioconductor version 3.0 (BiocInstaller 1.16.4), R version 3.1.1.
## Installing package(s) 'devtools'
```

```
##
## The downloaded source packages are in
## '/tmp/Rtmpam0L3F/downloaded_packages'
```

```
library(devtools)
install_github("elsayed-lab/hpgltools")
```

```
## Downloading github repo elsayed-lab/hpgltools@master
## Installing hpgltools
## '/usr/lib/R/bin/R' --vanilla CMD INSTALL \
## '/tmp/Rtmpam0L3F/devtools347f6b389119/elsayed-lab-hpgltools-ab60bee' \
## --library='/home/trey/R/x86_64-pc-linux-gnu-library/3.1' \
## --install-tests
```

```
library(hpgltools)
autoloader_all()
```

```
##
## groupGOTerms:      GOBPTerm, GOMFTerm, GOCCTerm environments built.

## Warning: replacing previous import by 'graphics::plot' when loading
## 'seqLogo'
```

```
require.auto("fission")
library(fission)
data(fission)
```

Data import

All the work I do in Dr. El-Sayed's lab makes some pretty hard assumptions about how data is stored. As a result, to use the fission data set I will do a little bit of shenanigans to match it to the expected format. Now that I have played a little with fission, I think its format is quite nice and am likely to have my experiment class instead be a SummarizedExperiment.

```
## Extract the meta data from the fission dataset
meta = as.data.frame(fission@colData)
## Make conditions and batches
meta$condition = paste(meta$strain, meta$minute, sep=".")
meta$batch = meta$replicate
meta$sample.id = rownames(meta)
## Write it out in the format expected by my toys
write.csv(meta, file="fission.csv")
## Grab the count data
fission_data = fission@assays$data$counts
## This will make an experiment superclass called 'expt' and it contains
## an ExpressionSet along with any arbitrary additional information one might want to include.
## Along the way it writes a Rdata file which is by default called 'expt.Rdata'
fission_expt = create_expt("fission.csv", count_dataframe=fission_data)
```

```
## [1] "This function needs the conditions and batches to be an explicit column in the sample sheet."
## [1] "Please note that thus function assumes a specific set of columns in the sample sheet:"
## [1] "The most important ones are: Sample.ID, Stage, Type."
## [1] "Other columns it will attempt to create by itself, but if"
## [1] "batch and condition are provided, that is a nice help."
```

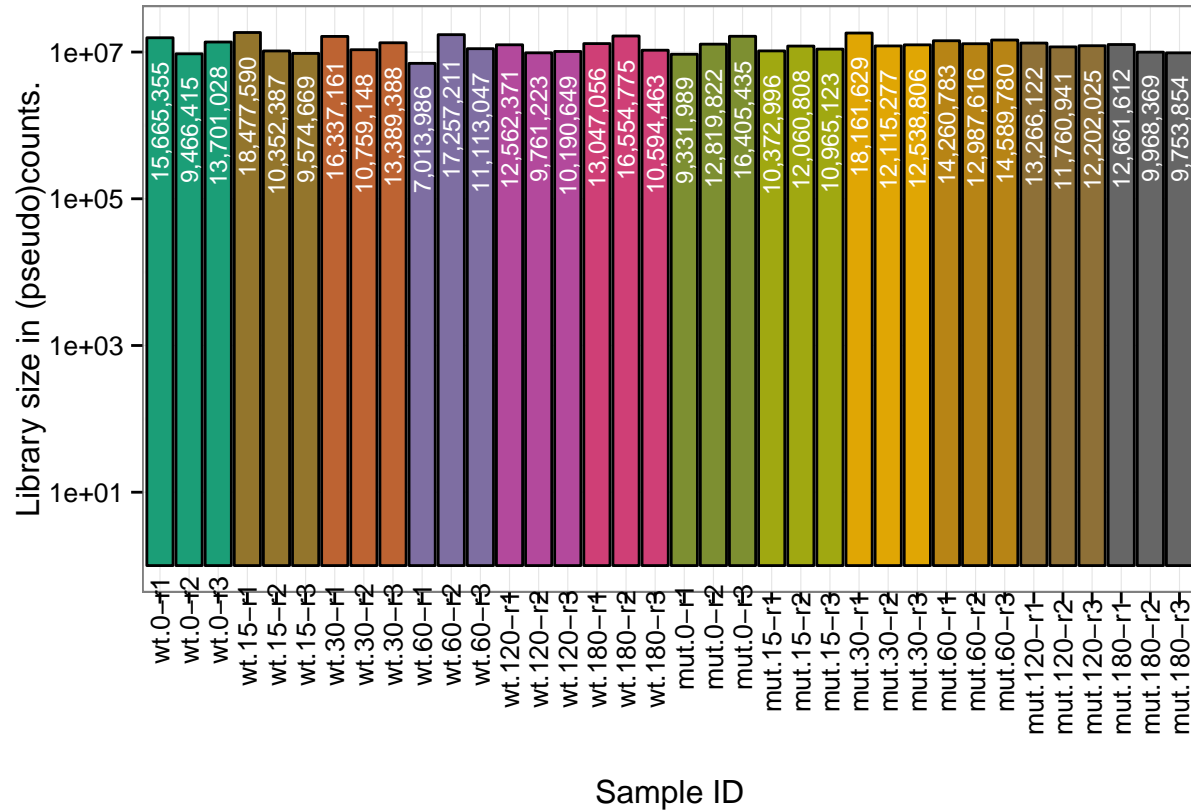
Normalizing and exploring data

There are lots of toys we have learned to use to play with with raw data and explore stuff like batch effects or non-canonical distributions or skewed counts. hpgltools provides some functionality to make this process easier. The graphs shown below and many more are generated with the wrapper 'graph_metrics()' but that takes away the chance to explain the graphs as I generate them.

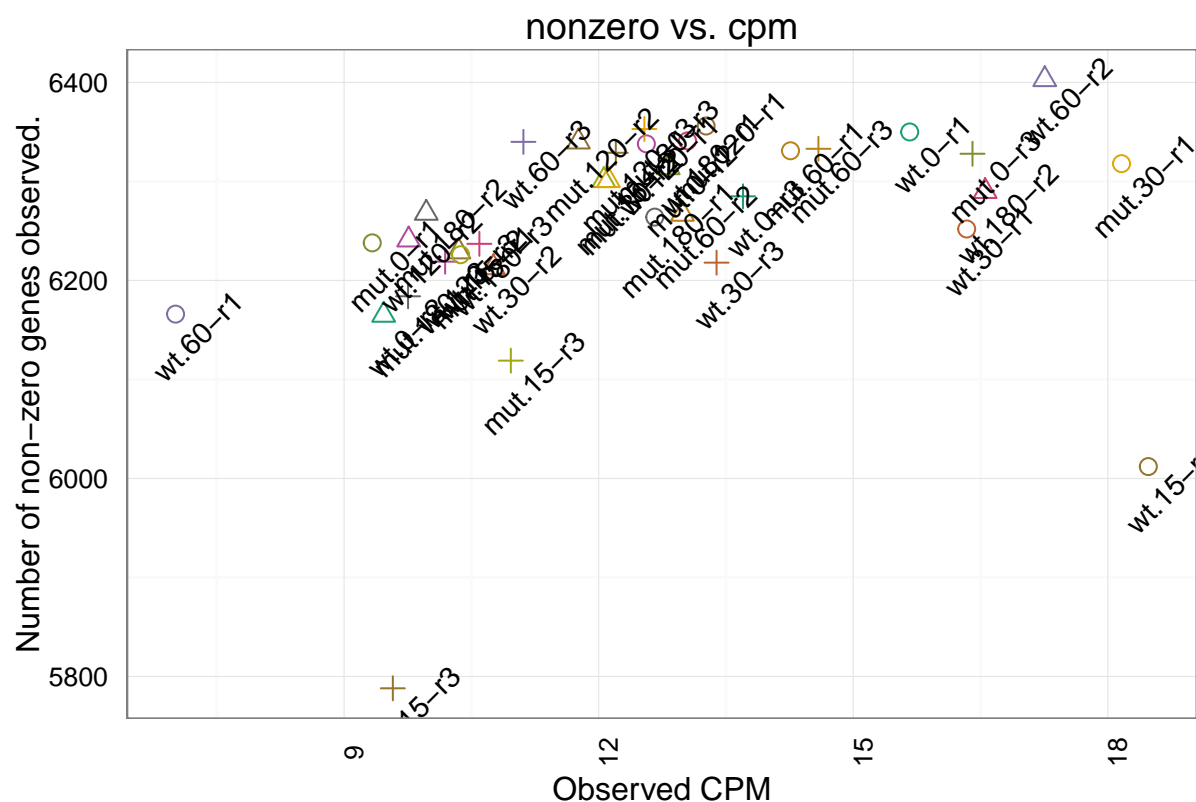
```
## First make a bar plot of the library sizes in the experiment.
## Notice that the colors were auto-chosen by create_expt() and they should
## be maintained throughout this process
fis_libsize = hpgl_libsize(expt=fission_expt)
```

```
## Adding log10
```

```
fis_libsize
```



```
## Here we see that the wild type replicate 3 sample for 15 minutes has fewer non-zero genes than all i
fis_nonzero = hpgl_nonzero(expt=fission_expt, labels="boring", title="nonzero vs. cpm")
fis_nonzero
```



An initial pca plot

In most cases, raw data does not cluster very well, let's see if that is also true for the fission experiment. Assuming it doesn't, let's normalize the data using the defaults (cpm, quantile, log2) and try again.

```
## Unsurprisingly, the raw data doesn't cluster well at all...
fis_rawpca = hpgl_pca(expt=fission_expt, labels=fission_expt$condition)
fis_rawpca
```

```
## $pca
## $pca$v
##           [,1]      [,2]      [,3]      [,4]
## GSM1368273 -0.007178318  0.201995449 -0.203597050  0.236082713
## GSM1368274  0.070735209 -0.199237946 -0.064116481  0.016201135
## GSM1368275 -0.136645507 -0.107750705 -0.167148260  0.253778912
## GSM1368276 -0.374502211  0.285371499 -0.044128760 -0.086542214
## GSM1368277  0.072181094 -0.061485806  0.051046625 -0.062072951
## GSM1368278 -0.028458656 -0.251907593  0.019075666 -0.038445333
## GSM1368279 -0.188542251  0.254884121  0.021836679 -0.426008598
## GSM1368280 -0.071016520 -0.215832142 -0.078112831 -0.222931283
## GSM1368281 -0.363641837 -0.263890058 -0.053068774 -0.240613775
## GSM1368282  0.230916954 -0.204118295  0.073316387 -0.196716941
## GSM1368283 -0.090460759  0.272733156  0.177161576 -0.010877038
## GSM1368284  0.124813473 -0.078743284  0.021907573  0.003578017
## GSM1368285  0.108968258  0.124504851  0.130256236  0.073106044
## GSM1368286  0.184520582 -0.044387846  0.094843825  0.062514803
## GSM1368287  0.001512549 -0.223718719  0.033807839  0.094495058
```

##	GSM1368288	-0.007662272	0.036322067	0.120080549	0.087164472
##	GSM1368289	-0.450412255	-0.140420366	0.111673094	0.335181718
##	GSM1368290	-0.028577810	-0.242300360	0.006182798	0.241668252
##	GSM1368291	0.201616006	-0.020221570	-0.012064872	-0.073134944
##	GSM1368292	0.069647319	0.110678369	-0.335674331	0.123703029
##	GSM1368293	-0.052329747	0.190884163	-0.420371028	0.116051228
##	GSM1368294	0.145105662	-0.029245559	0.297620577	-0.115363636
##	GSM1368295	0.023031791	-0.048204147	-0.065614004	0.022956358
##	GSM1368296	0.032711623	-0.106685660	-0.101553657	-0.148484772
##	GSM1368297	-0.261061660	0.163575077	0.424612363	-0.094652016
##	GSM1368298	0.041535667	0.096249804	-0.245285966	-0.266143571
##	GSM1368299	0.205380854	0.116145287	-0.066718300	-0.277055905
##	GSM1368300	0.150253285	0.270955306	0.238486561	0.191321128
##	GSM1368301	-0.125269685	0.028154634	-0.159955879	-0.129601527
##	GSM1368302	-0.117305851	-0.067463992	-0.002216967	0.061122096
##	GSM1368303	0.094000969	0.212085426	0.080847828	0.101654639
##	GSM1368304	0.057032686	0.026224395	-0.037141145	0.142108530
##	GSM1368305	0.186798636	0.156544584	-0.173637079	0.096087891
##	GSM1368306	0.040435597	0.001669285	0.237246912	0.133550529
##	GSM1368307	0.210088691	-0.030042020	0.079583339	0.021058827
##	GSM1368308	0.051778433	-0.213321407	0.010818957	-0.024740874
##		[,5]	[,6]	[,7]	[,8]
##	GSM1368273	-0.0309870161	-0.166916614	-0.23220558	0.142961657
##	GSM1368274	0.0387230647	-0.093760196	0.01663599	0.015111081
##	GSM1368275	-0.0419939350	-0.063433444	-0.19592858	0.135119531
##	GSM1368276	0.4770605639	-0.243493836	-0.09366437	0.340713883
##	GSM1368277	0.1186607342	-0.055745253	-0.07351033	0.094650278
##	GSM1368278	0.1045383857	0.035532988	-0.05558985	0.168739509
##	GSM1368279	0.0716657389	0.121142408	-0.06403177	-0.278956826
##	GSM1368280	-0.0863865620	0.086086058	-0.09153036	0.068186669
##	GSM1368281	-0.0682263606	0.139404874	0.05657730	-0.253105823
##	GSM1368282	0.1274366759	-0.031149083	0.11565664	0.148841390
##	GSM1368283	-0.1664569914	-0.093580836	0.46068241	0.371055091
##	GSM1368284	-0.2185807778	-0.040095068	0.14096546	0.192513640
##	GSM1368285	0.1321160073	0.048307921	0.10002431	-0.206370879
##	GSM1368286	0.1567145528	0.038151554	-0.17229539	-0.059291428
##	GSM1368287	-0.0105649347	0.083770991	0.01953238	-0.027508219
##	GSM1368288	0.1688274127	-0.048059186	0.01628394	-0.101610382
##	GSM1368289	-0.0463995749	0.106868078	-0.07508140	-0.041730951
##	GSM1368290	-0.0004487053	0.241132715	-0.06653083	0.090255153
##	GSM1368291	0.1884098726	-0.079221129	0.01762255	0.043046814
##	GSM1368292	0.0387195645	0.100183058	-0.04502901	0.069546268
##	GSM1368293	-0.1544187660	-0.340212100	0.07218571	-0.388191945
##	GSM1368294	0.0982005824	-0.284208527	-0.04702094	-0.151844122
##	GSM1368295	-0.1075830162	-0.109336395	-0.05343740	0.121463645
##	GSM1368296	-0.0030348932	-0.268898824	0.03692770	-0.060123562
##	GSM1368297	-0.3048345968	0.005946607	-0.30431266	0.004761186
##	GSM1368298	-0.0508286200	0.355263127	-0.17326506	0.057860512
##	GSM1368299	-0.4162036536	-0.014406452	-0.24982913	0.188005229
##	GSM1368300	-0.1419703648	0.290888789	0.13984404	0.011923184
##	GSM1368301	0.1859500381	0.214635900	0.46717255	0.081686990
##	GSM1368302	-0.3401573433	-0.195947649	0.34530621	-0.137727577
##	GSM1368303	0.1721091445	0.170654733	-0.04062713	-0.309759904
##	GSM1368304	0.0599289853	0.285770203	0.08379203	0.013906691

```

## GSM1368305 -0.0561295534 0.135437619 -0.02291033 -0.074998778
## GSM1368306 0.0415954027 -0.137864488 -0.07919992 -0.052734983
## GSM1368307 0.0314610645 -0.076844297 -0.03121971 -0.054399842
## GSM1368308 0.0330878744 -0.116004248 0.07801057 -0.161993179
##          [,9]          [,10]          [,11]          [,12]          [,13]
## GSM1368273 -0.289722167 0.25304910 -0.198601884 0.442651260 -0.045716386
## GSM1368274 0.005658132 -0.02161784 -0.223807219 0.092690351 0.274990114
## GSM1368275 0.012759027 -0.19446355 -0.182411263 -0.387542445 0.042161435
## GSM1368276 0.100085190 -0.29182951 0.096310114 0.145760307 -0.073142802
## GSM1368277 0.008340014 0.03126988 -0.051378295 -0.232889403 -0.078667241
## GSM1368278 -0.064814820 -0.06746309 -0.109224534 0.046312638 0.201518612
## GSM1368279 0.038122460 0.20781884 -0.402786968 0.114014688 0.157011167
## GSM1368280 -0.065773751 -0.05416878 0.057055915 0.215297493 -0.228242362
## GSM1368281 -0.119744428 0.08324170 0.070223727 -0.083096543 0.064287564
## GSM1368282 -0.108446054 -0.12086288 -0.305748868 0.032386459 -0.148538928
## GSM1368283 0.258596225 0.35205395 -0.111952612 -0.190856539 0.090133015
## GSM1368284 -0.147752868 0.03023618 -0.079755119 -0.108407138 -0.233631519
## GSM1368285 0.265137827 0.01875728 -0.004121986 0.233223014 0.097067292
## GSM1368286 0.162831982 -0.07920906 -0.297106115 -0.100851635 -0.108071776
## GSM1368287 0.141506876 0.03243086 0.018857703 0.042045257 0.004542537
## GSM1368288 -0.006473544 0.07326832 0.329646080 0.146312045 -0.097321746
## GSM1368289 0.078093535 0.18969027 -0.152759811 -0.084576515 -0.371228841
## GSM1368290 0.164383253 -0.10342395 0.132069701 0.176638126 0.313058937
## GSM1368291 -0.119031548 0.07098703 -0.032215204 -0.082536834 0.089245348
## GSM1368292 -0.116783883 0.06009859 0.098329976 -0.263170407 0.116227304
## GSM1368293 0.025677774 -0.14137317 -0.054246776 -0.146045937 0.222241136
## GSM1368294 -0.133914621 0.01224495 0.114497707 -0.249644452 -0.007819082
## GSM1368295 -0.203726902 0.37463780 0.338653357 0.003380202 0.050779398
## GSM1368296 0.048159951 -0.15360300 0.129598196 -0.032207854 -0.095716900
## GSM1368297 -0.039771173 -0.13255937 0.110318217 -0.149826961 0.212440039
## GSM1368298 -0.141460770 0.15875494 0.049088879 -0.037015824 -0.068203021
## GSM1368299 0.346969535 -0.22782716 0.163535463 0.092515086 -0.075564416
## GSM1368300 -0.465058995 -0.33345127 -0.099492964 0.058818610 0.143517350
## GSM1368301 -0.130237417 -0.14404451 0.223060274 -0.062851404 0.007615831
## GSM1368302 -0.015601679 -0.22047442 -0.107571915 0.280188526 -0.223193951
## GSM1368303 -0.029238111 -0.08107388 0.088410741 -0.147537984 -0.372712010
## GSM1368304 0.314041829 -0.02861933 0.034511971 0.025985650 0.139079171
## GSM1368305 0.187255057 0.04989843 0.075588974 0.010287155 -0.217965283
## GSM1368306 -0.120409108 0.06851971 0.181298663 0.140622841 0.094463340
## GSM1368307 0.121486795 0.25956175 -0.015503827 -0.008046022 0.012047417
## GSM1368308 0.038856378 0.06954517 0.117629704 0.067974188 0.113309259
##          [,14]          [,15]          [,16]          [,17]
## GSM1368273 0.2015195167 -0.231090044 0.104915599 -0.0856763066
## GSM1368274 0.1500393969 0.009871499 0.052073667 0.1331840997
## GSM1368275 -0.0796606275 0.018080236 0.325122386 0.0720594055
## GSM1368276 -0.1476319007 0.128920010 -0.243566498 0.1231307075
## GSM1368277 0.0001137885 -0.194063054 -0.229310410 -0.0651572482
## GSM1368278 0.1208448997 0.212647593 -0.078615947 -0.3975067369
## GSM1368279 -0.1576065821 0.196269346 -0.003118779 0.1812588159
## GSM1368280 -0.0213878353 -0.043311258 0.242566961 -0.0490630337
## GSM1368281 -0.2486213744 -0.203550202 0.033636949 -0.1088143378
## GSM1368282 0.0416034451 0.009389155 0.129154142 -0.0044577775
## GSM1368283 -0.1292985441 0.004479291 0.218690285 -0.1923330589
## GSM1368284 -0.2078271145 0.279352833 -0.056728651 0.2652586382

```

##	GSM1368285	-0.0652211039	-0.075048104	0.039705636	-0.3571246430
##	GSM1368286	-0.1509482002	-0.229689733	0.022146752	-0.0449462011
##	GSM1368287	0.0205421719	0.022091230	-0.195397632	0.1890471550
##	GSM1368288	-0.3132962634	-0.402926014	0.237512380	0.1645327276
##	GSM1368289	0.0932259818	-0.002604095	-0.199804668	-0.0016721905
##	GSM1368290	-0.1924779337	0.070489729	0.063179432	-0.0263922597
##	GSM1368291	0.0873356625	-0.111781493	0.139732410	0.0227490088
##	GSM1368292	-0.1701518158	-0.094085286	0.040809903	0.0505912223
##	GSM1368293	0.0188456409	0.026582514	-0.041620082	0.0002925193
##	GSM1368294	0.0540177914	-0.134476158	-0.234800519	0.0446042541
##	GSM1368295	-0.0943999146	0.136471518	-0.198849410	-0.2054039674
##	GSM1368296	0.0602363558	0.095756335	-0.071334755	-0.4293951882
##	GSM1368297	0.3701481078	-0.083419069	0.089874465	0.0084265524
##	GSM1368298	0.0794005124	0.038736110	-0.099438582	-0.0204691021
##	GSM1368299	-0.0927128691	-0.092115279	0.044001383	0.0756112284
##	GSM1368300	-0.2475959926	-0.042600960	-0.268302194	-0.0627494257
##	GSM1368301	0.4244737303	-0.139311628	0.121550336	0.1692540686
##	GSM1368302	0.0542520849	-0.092974521	-0.071603978	0.0416678865
##	GSM1368303	0.0702410660	0.291302273	0.313810362	-0.2023401196
##	GSM1368304	0.2247253772	-0.029559237	-0.161423855	0.0629943576
##	GSM1368305	0.0990403053	0.168698978	-0.170634264	0.0343889971
##	GSM1368306	0.0674600682	0.410086279	0.292434130	0.2125610160
##	GSM1368307	0.2020093299	-0.131391008	-0.133202953	0.2178203956
##	GSM1368308	-0.1212371615	0.214772215	-0.053164000	0.1840685406
##		[,18]	[,19]	[,20]	[,21]
##	GSM1368273	-0.110440514	-0.194841870	0.0433208072	0.070808595
##	GSM1368274	0.253845070	-0.078902565	0.0235337338	-0.198000471
##	GSM1368275	-0.125563354	-0.081226804	0.2942724591	-0.041341952
##	GSM1368276	0.068495336	-0.034094005	-0.0709079732	0.209758238
##	GSM1368277	0.033690942	0.142292843	0.1761341609	-0.077037699
##	GSM1368278	-0.121443267	0.063219371	0.0294927107	0.054410226
##	GSM1368279	-0.133907584	-0.092605747	0.0051375552	-0.347348482
##	GSM1368280	0.190377269	-0.028254163	0.2845962323	-0.078458771
##	GSM1368281	0.114836492	-0.139183187	0.0036153716	0.502592284
##	GSM1368282	0.119692245	0.274452133	-0.1302367566	0.006141504
##	GSM1368283	-0.002723121	0.041961629	0.0278917034	0.104827602
##	GSM1368284	-0.087588718	-0.222119382	0.1368994834	0.056736092
##	GSM1368285	0.166656583	-0.053284666	0.2822708784	-0.037102025
##	GSM1368286	-0.278823431	-0.022432741	-0.1523776229	0.104128066
##	GSM1368287	0.006078265	-0.058271480	0.1314720942	0.141209999
##	GSM1368288	-0.080158082	0.233908671	0.1139034491	-0.188085427
##	GSM1368289	0.141858675	0.254079264	-0.1527051812	-0.279733744
##	GSM1368290	-0.210097815	-0.083803036	-0.1423312565	-0.060937985
##	GSM1368291	0.463286818	-0.006659328	-0.2987562669	0.120842981
##	GSM1368292	0.176390487	-0.146723765	-0.2794529849	-0.177317497
##	GSM1368293	-0.019880241	0.277926246	0.0607808447	0.106883945
##	GSM1368294	-0.050364626	-0.447638658	0.1791594717	-0.132600838
##	GSM1368295	-0.020049615	-0.059209685	-0.1466278629	-0.179637024
##	GSM1368296	-0.217879099	0.084272288	-0.0008604769	-0.189004552
##	GSM1368297	0.119969817	0.067198504	-0.0620535275	0.026403317
##	GSM1368298	-0.177314094	0.161452673	0.0454485223	0.170377362
##	GSM1368299	0.005333086	0.029539124	-0.1718248372	-0.104540776
##	GSM1368300	0.031746998	0.189848442	0.0607175035	-0.008609427
##	GSM1368301	-0.236466042	0.020726612	0.0769538477	-0.195754108

```

## GSM1368302 -0.045524194 -0.210326996 -0.2443141024 0.053676854
## GSM1368303 -0.050537947 -0.177039455 -0.2733305563 0.071747768
## GSM1368304 0.042061396 -0.286680502 -0.0586865333 0.026230798
## GSM1368305 0.325976737 0.059216556 0.3520620760 0.090898796
## GSM1368306 -0.047292111 0.115654287 0.1140130665 0.156435435
## GSM1368307 -0.318785011 0.213294225 -0.0950939263 0.297749756
## GSM1368308 0.074542650 0.194255167 -0.1621161070 -0.076348842
##          [,22]          [,23]          [,24]          [,25]          [,26]
## GSM1368273 0.124664215 0.098717170 -0.176195301 -0.075025663 -0.05456558
## GSM1368274 -0.181801135 0.082000111 -0.028851163 -0.135299644 -0.03220316
## GSM1368275 0.112111428 -0.141568515 0.135410908 0.137912154 -0.20212289
## GSM1368276 -0.071779436 -0.070844010 0.036978636 -0.040575965 0.04733063
## GSM1368277 0.268868323 0.302987129 0.218754407 -0.187608421 -0.34090015
## GSM1368278 0.033415758 -0.006096304 -0.269163753 0.003416766 -0.09648595
## GSM1368279 0.086347170 0.004903228 0.025095344 -0.016245232 -0.16420452
## GSM1368280 -0.205207462 0.127657948 0.338059542 -0.315055257 0.35049296
## GSM1368281 -0.009343828 0.119975133 -0.191193236 -0.095600011 -0.13016265
## GSM1368282 0.064481346 -0.359430907 0.076679263 -0.054419805 0.08861797
## GSM1368283 -0.057003730 0.145416022 0.111747468 -0.003427612 0.06305120
## GSM1368284 0.104282738 -0.276794039 -0.346940198 -0.136014957 0.08110645
## GSM1368285 0.035153912 -0.262740163 -0.203556661 0.199566428 0.19179125
## GSM1368286 -0.482790684 0.151772195 -0.056411517 0.069985110 0.14839351
## GSM1368287 0.320915131 0.043135736 -0.085521901 0.090848035 0.21384220
## GSM1368288 0.129020541 -0.243491537 -0.020049389 -0.010048580 -0.15574089
## GSM1368289 0.040907179 0.117049818 -0.129363061 0.133952486 0.20332809
## GSM1368290 -0.005392166 -0.015700257 0.124775997 0.034427473 -0.07502241
## GSM1368291 0.254992454 0.075227333 0.007933892 0.276110405 -0.05654736
## GSM1368292 -0.246457662 -0.049225846 -0.094185436 0.045402800 0.06165447
## GSM1368293 0.105568211 -0.024510622 0.050711463 -0.142898943 0.32884701
## GSM1368294 -0.047771163 0.068050834 0.054031227 0.189903557 0.20755736
## GSM1368295 -0.080600247 -0.157531014 0.153164277 -0.144107120 0.01671986
## GSM1368296 0.017148956 0.027361030 -0.003859360 0.057947619 -0.12125024
## GSM1368297 -0.137964776 -0.318671736 -0.056770741 -0.094468794 -0.06151308
## GSM1368298 0.028799535 -0.155463011 0.260974199 0.466126987 0.13833944
## GSM1368299 0.192499715 0.277927768 -0.268707124 0.035533731 0.05227392
## GSM1368300 0.010168273 0.170526184 0.043757013 -0.089242381 0.02789283
## GSM1368301 -0.088823059 0.142361549 -0.262207448 0.025893987 0.01955886
## GSM1368302 -0.083319844 -0.092176417 0.294990567 0.265430795 -0.26559940
## GSM1368303 0.167410665 0.045296557 0.004353513 -0.271081088 -0.03724266
## GSM1368304 0.206109622 -0.087149661 0.297379593 -0.225778194 0.06773997
## GSM1368305 -0.354444435 -0.020136070 -0.089397747 0.047404734 -0.41990904
## GSM1368306 -0.048395089 0.345992921 0.110493989 0.247715390 0.05012082
## GSM1368307 -0.098148425 -0.104012786 0.010505996 -0.250392058 -0.05611500
## GSM1368308 -0.103622032 0.039184229 -0.073423255 -0.040288734 -0.08907380
##          [,27]          [,28]          [,29]          [,30]
## GSM1368273 -0.0367905353 -0.215310743 -0.106742350 -1.498447e-02
## GSM1368274 0.5062648044 -0.016682586 0.110641970 -2.324086e-01
## GSM1368275 0.0009115015 0.083594840 0.399592236 -2.300604e-02
## GSM1368276 0.0839421206 -0.004723982 0.061409599 -2.859171e-02
## GSM1368277 0.2654763242 0.168004268 -0.421400621 -1.776335e-02
## GSM1368278 -0.1139196969 0.302846248 -0.016593493 3.952098e-01
## GSM1368279 -0.1879605324 0.025065939 0.064997957 2.106472e-02
## GSM1368280 -0.1073289988 -0.008261361 0.062865232 9.705965e-02
## GSM1368281 -0.0594308608 0.041005779 0.003122685 -1.332066e-01

```



```

## GSM1368282 -0.1909047105 -0.038292024 -0.156554839 -5.570940e-02
## GSM1368283 0.0300855178 -0.188287576 -0.006707865 3.526250e-02
## GSM1368284 0.0579100186 0.020387289 -0.236274877 -1.121426e-05
## GSM1368285 0.2168625739 0.259582870 -0.006735988 -1.534599e-01
## GSM1368286 0.0267736937 0.006483922 -0.011459972 9.376345e-02
## GSM1368287 0.0233471383 -0.240863215 0.152345132 -2.081814e-01
## GSM1368288 -0.0431487837 0.027416889 -0.025903870 1.077073e-01
## GSM1368289 -0.0711089006 0.041032991 0.015743066 1.855869e-02
## GSM1368290 -0.0048190827 -0.359748800 -0.242881106 1.860571e-01
## GSM1368291 -0.1504723915 -0.107243805 0.205841021 1.906576e-01
## GSM1368292 -0.1731237733 0.195857452 -0.274803799 -3.071501e-01
## GSM1368293 -0.0146070984 -0.014496398 -0.151584920 2.568290e-01
## GSM1368294 -0.0825347495 -0.139070194 -0.024736790 2.167341e-01
## GSM1368295 0.0931605135 0.197292235 0.307113856 9.550010e-02
## GSM1368296 -0.2510170039 -0.298521062 0.032725354 -5.029868e-01
## GSM1368297 0.0337299820 -0.127098764 -0.151597459 -3.824655e-02
## GSM1368298 0.3179016577 -0.079983681 -0.084993928 -1.801551e-02
## GSM1368299 0.0235084942 0.154271034 0.123475062 5.621061e-02
## GSM1368300 -0.0526959518 -0.042265351 0.236040053 -9.337684e-02
## GSM1368301 0.0368819670 0.024465207 0.055721579 8.479261e-02
## GSM1368302 0.0926310413 0.217119504 -0.030928631 6.447627e-02
## GSM1368303 0.2702873009 -0.083108492 0.055199836 4.504801e-02
## GSM1368304 -0.2876610057 0.156676611 -0.055614266 -5.739386e-02
## GSM1368305 -0.1919359054 -0.177780797 0.015443794 1.619454e-01
## GSM1368306 -0.1693271678 0.308408840 -0.195944186 -2.016247e-01
## GSM1368307 -0.0708593139 0.148529098 0.275248876 -1.426939e-01
## GSM1368308 0.1799718130 -0.236302183 0.023931653 1.019340e-01
##      [,31]      [,32]      [,33]      [,34]
## GSM1368273 -0.170713955 -0.009016366 -0.049825595 -0.110243032
## GSM1368274 0.321378462 -0.012143950 -0.339927057 0.140392033
## GSM1368275 -0.209900576 0.020696881 -0.002314382 -0.114818071
## GSM1368276 -0.002182690 -0.004407375 -0.008595859 -0.003917457
## GSM1368277 -0.131835178 0.010244528 0.217848116 0.054869731
## GSM1368278 0.360782704 -0.089176800 0.012311677 -0.237191252
## GSM1368279 0.017794291 -0.046012500 0.123540768 0.073577750
## GSM1368280 0.097450275 0.117243489 0.264402165 -0.140408217
## GSM1368281 -0.132466045 -0.019909940 -0.235709020 0.068764242
## GSM1368282 -0.303589121 -0.372635045 -0.248187081 0.058513983
## GSM1368283 0.090903534 -0.076327934 -0.059644022 -0.104253243
## GSM1368284 0.096383989 0.377046868 0.065139181 0.157887792
## GSM1368285 -0.264538621 0.103821392 0.172035812 -0.043512430
## GSM1368286 -0.047047793 0.113847983 0.103233131 0.292538923
## GSM1368287 0.170581207 -0.464673663 0.377957331 0.063810821
## GSM1368288 0.357674570 -0.001646247 -0.175842759 0.014651806
## GSM1368289 -0.006261429 0.096053465 -0.155717284 -0.001103748
## GSM1368290 -0.072007476 -0.035587725 0.045722573 0.168416354
## GSM1368291 0.095358472 0.337354848 0.234289781 0.195886476
## GSM1368292 0.120896345 -0.202446543 0.195923385 -0.286583029
## GSM1368293 0.042257396 -0.021955254 -0.025229855 0.148305764
## GSM1368294 -0.017657754 -0.133918264 -0.242627520 -0.192778742
## GSM1368295 -0.225181241 -0.141138195 0.026042926 0.377915093
## GSM1368296 0.136601980 0.234419345 -0.019821643 0.068844831
## GSM1368297 0.002425757 0.022028626 0.176492533 0.050543783
## GSM1368298 0.114526006 0.112047778 -0.160359303 -0.102758778

```

```

## GSM1368299 -0.097912115 -0.089570744 -0.170404817 -0.028116381
## GSM1368300 0.004162137 0.047059383 -0.038378730 -0.063103881
## GSM1368301 -0.194541843 -0.012133647 0.085362185 0.130410010
## GSM1368302 0.083083909 -0.076449292 0.145269583 -0.059852463
## GSM1368303 0.091274244 -0.147241442 -0.023527294 -0.063844803
## GSM1368304 -0.042996139 0.265323226 -0.293717888 -0.035214064
## GSM1368305 0.019423440 -0.143930830 -0.068416646 0.102051788
## GSM1368306 -0.043326351 -0.021330497 -0.088283968 0.129728032
## GSM1368307 0.087941034 0.053387385 0.111429179 -0.186508869
## GSM1368308 -0.348741427 0.211077059 0.049530397 -0.522900752
##      [,35]
## GSM1368273 -0.089538659
## GSM1368274 0.050924448
## GSM1368275 -0.004357214
## GSM1368276 0.057713014
## GSM1368277 0.019338409
## GSM1368278 -0.117133403
## GSM1368279 0.031710085
## GSM1368280 0.086818878
## GSM1368281 0.036653883
## GSM1368282 0.026050639
## GSM1368283 -0.041907814
## GSM1368284 0.035420421
## GSM1368285 0.162580816
## GSM1368286 -0.351422313
## GSM1368287 -0.286231594
## GSM1368288 -0.185328566
## GSM1368289 0.162383706
## GSM1368290 0.441263340
## GSM1368291 0.093810514
## GSM1368292 0.051430003
## GSM1368293 0.019374231
## GSM1368294 0.177343138
## GSM1368295 -0.127806422
## GSM1368296 -0.024306714
## GSM1368297 -0.124677991
## GSM1368298 -0.035237286
## GSM1368299 0.063702935
## GSM1368300 0.021842375
## GSM1368301 0.014613290
## GSM1368302 -0.007882300
## GSM1368303 0.040637340
## GSM1368304 -0.310779486
## GSM1368305 0.025894244
## GSM1368306 -0.038463873
## GSM1368307 0.437630326
## GSM1368308 -0.312062399
##
## $pca$u
##      [,1]      [,2]      [,3]      [,4]
## SPAC212.11 -1.848483e-06 -5.317615e-06 -1.383103e-05 -1.018824e-05
## SPAC212.09c -1.180505e-05 1.132686e-05 -7.141234e-06 -8.744924e-05
## SPNCRNA.70 -6.052087e-08 -1.984346e-07 -9.635501e-08 -1.122247e-06
## SPAC212.12 -1.248160e-07 1.308152e-06 -2.312010e-06 -1.215163e-05

```

## SPAC212.04c	-3.628334e-06	6.731439e-05	-1.035919e-05	-1.559407e-04
## SPAC212.03	3.414874e-08	3.150812e-07	-9.080358e-07	-1.902295e-07
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	2.511973e-07	4.451573e-06	4.533723e-06	1.632517e-05
## SPAC977.03	2.426205e-08	-9.294071e-10	1.664360e-07	3.587334e-07
## SPAC977.04	4.653597e-08	-2.840451e-07	-5.099590e-07	3.592321e-06
## SPAC977.05c	7.777057e-08	2.142746e-07	-1.638110e-08	1.675448e-06
## SPNCRNA.136	-3.463978e-09	2.883099e-07	-2.878058e-07	5.262316e-07
## SPNCRNA.601	-4.892004e-07	1.576206e-05	-2.777584e-05	4.107552e-05
## SPAC977.07c	1.966545e-08	6.633629e-07	-2.025099e-06	5.475537e-07
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	-1.113651e-05	9.088401e-05	-1.555274e-04	2.217876e-04
## SPAC977.13c	-1.429950e-05	6.713421e-05	7.760535e-05	-8.600697e-04
## SPAC977.15	-1.083555e-05	5.178180e-05	-1.118974e-04	-1.193351e-04
## SPAC977.16c	-1.706869e-05	8.137651e-05	-2.843991e-04	-3.044859e-05
## SPNCRNA.37	5.179698e-08	8.921823e-07	-7.327254e-07	4.290425e-06
## SPAPJ695.01c	-1.167732e-07	1.969690e-06	2.104036e-06	-2.164404e-05
## SPNCRNA.76	-2.866835e-07	2.806752e-06	-1.609104e-05	1.097562e-05
## SPNCRNA.603	-7.001583e-08	3.314573e-06	-8.071224e-07	-3.963337e-05
## SPNCRNA.607	-1.882557e-05	1.001702e-04	1.106674e-04	-6.206344e-04
## SPAC1F8.06	1.815742e-06	5.447205e-05	-1.706934e-05	6.535409e-04
## SPAC1F8.08	-2.198197e-06	1.066716e-04	-1.469935e-04	4.524373e-04
## SPAC11D3.19	-3.458747e-06	2.414580e-05	-4.872186e-05	-7.054447e-06
## SPAC11D3.01c	-6.411430e-05	3.723277e-04	7.109192e-04	7.559994e-04
## SPNCRNA.608	-5.824005e-06	8.290090e-05	-8.382798e-05	1.332713e-04
## SPAC11D3.02c	-2.006416e-05	8.396272e-04	-1.818668e-03	2.705537e-03
## SPAC11D3.03c	-4.500856e-06	2.980225e-05	2.968012e-05	2.599829e-05
## SPAC11D3.05	-7.853819e-05	3.980401e-04	1.508953e-04	-4.608031e-03
## SPAC11D3.07c	-6.547342e-05	3.792912e-04	-1.287208e-04	-9.475955e-04
## SPAC11D3.08c	-5.772002e-05	2.885799e-04	-3.552890e-04	-1.656258e-03
## SPAC11D3.11c	-2.407651e-05	1.268608e-04	-1.274048e-04	1.811918e-04
## SPAC11D3.14c	-1.811892e-05	1.641627e-04	-3.167964e-04	6.793821e-04
## SPNCRNA.609	-1.029244e-05	1.108555e-04	1.742660e-05	2.243098e-04
## SPNCRNA.147	-3.721039e-08	1.475242e-06	3.243104e-06	9.273652e-07
## SPNCRNA.610	2.989899e-07	4.069402e-06	2.865635e-06	-9.894850e-06
## SPAC11D3.16c	-2.295325e-05	2.295930e-04	1.984153e-05	-1.069995e-03
## SPAC11D3.18c	-1.155075e-06	4.043623e-05	-1.654842e-05	5.142983e-05
## SPNCRNA.612	-4.427280e-06	3.170845e-05	-2.534240e-05	1.300958e-04
## SPAC5H10.01	-4.415281e-06	1.598817e-05	-6.049174e-05	9.681395e-05
## SPAC5H10.03	-4.074247e-04	3.799040e-03	-4.271491e-03	-3.924672e-03
## SPAC5H10.04	-1.204884e-05	8.426705e-05	-5.142988e-05	-9.449194e-05
## SPAC5H10.06c	5.468581e-06	3.340302e-04	-7.425366e-04	2.788338e-03
## SPAC5H10.08c	-2.446137e-05	4.766489e-04	-2.737889e-04	8.547666e-04
## SPAC5H10.09c	-1.509537e-05	1.486746e-04	-1.349682e-04	3.223878e-04
## SPAC5H10.10	-3.391132e-05	4.707267e-04	-8.028227e-04	-9.076184e-05
## SPAC5H10.11	-2.409218e-06	9.105071e-06	-3.001043e-06	-1.002077e-04
## SPAC5H10.12c	-2.242279e-05	5.332442e-04	-2.740966e-04	1.716685e-03
## SPAC5H10.13c	-2.024495e-05	4.691195e-04	-6.681385e-04	2.516932e-03
## SPNCRNA.617	-6.177623e-07	4.029073e-05	-2.253221e-05	1.379120e-04
## SPAC13G6.01c	-1.149343e-04	1.594653e-03	-1.299225e-03	7.775962e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	-1.275076e-05	5.600008e-04	-3.313855e-04	3.601810e-03
## SPNCRNA.618	2.143292e-06	2.247076e-05	7.151421e-06	1.562409e-05

## SPNCRNA.620	-1.123852e-06	4.928026e-06	2.525391e-06	-7.748200e-05
## SPAC13G6.14	-4.630201e-05	5.714439e-04	-5.754079e-04	3.843369e-05
## SPAC13G6.15c	-2.155408e-05	2.996079e-04	-5.089606e-05	1.988474e-04
## SPNCRNA.621	-1.809175e-06	6.051249e-05	-1.339951e-05	1.568197e-04
## SPAC24B11.05	-4.367042e-05	3.726578e-04	-1.210732e-04	-2.190075e-03
## SPAC24B11.08c	-1.828748e-05	9.801661e-05	-1.318018e-04	8.920041e-04
## SPNCRNA.142	-1.344211e-07	-1.623487e-08	6.170549e-07	1.487799e-06
## SPAC24B11.09	-2.425481e-05	1.703758e-04	-3.164886e-04	8.848377e-04
## SPAC24B11.11c	-6.844524e-05	8.850798e-04	-5.330854e-05	1.755845e-03
## SPAC24B11.12c	-3.581186e-04	2.139093e-03	-1.239828e-03	-8.423673e-03
## SPNCRNA.624	-6.637076e-06	8.996775e-05	-8.518284e-05	3.127898e-04
## SPAC806.02c	-4.693945e-05	1.175156e-03	-3.394907e-04	4.153723e-03
## SPNCRNA.625	-3.791628e-06	2.657941e-05	-2.991140e-05	-5.775796e-05
## SPAC806.11	-2.534339e-06	6.238264e-06	-9.865354e-07	-6.641503e-06
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-6.169952e-06	4.284239e-05	-6.756184e-05	-5.528457e-05
## SPNCRNA.627	3.005616e-07	3.122726e-06	-5.842486e-06	5.786926e-06
## SPNCRNA.628	-6.980175e-08	3.397857e-06	-1.195124e-05	1.002121e-06
## SPAC806.06c	-5.529717e-05	6.978500e-04	-5.489221e-04	9.048084e-04
## SPAC806.07	-1.048996e-04	1.171491e-03	4.447020e-04	-3.723285e-04
## SPNCRNA.630	-1.461930e-06	2.503835e-05	-8.473664e-05	3.029930e-05
## SPAC1F5.11c	-1.075294e-04	1.663222e-03	-2.154947e-03	1.197154e-02
## SPNCRNA.632	4.628306e-07	4.784616e-06	-4.594705e-06	8.983120e-06
## SPNCRNA.633	-7.430568e-07	6.782497e-06	-1.513467e-05	-7.373785e-05
## SPAC1F5.07c	-4.627739e-05	7.711843e-04	-3.230845e-04	1.777971e-03
## SPAC1F5.04c	-2.934554e-05	1.771198e-04	-3.877417e-04	2.209462e-03
## SPAC1F5.02	-6.564001e-04	6.764605e-03	-3.160670e-03	1.757248e-03
## SPNCRNA.148	-1.467490e-07	1.659107e-06	3.408092e-06	9.652010e-06
## SPAC18B11.10	-4.668725e-05	9.338642e-04	-5.774366e-04	1.957340e-03
## SPNCRNA.27	1.088838e-08	-1.604466e-07	-3.687745e-07	-1.385095e-06
## SPNCRNA.635	2.188454e-07	3.297049e-06	-4.455885e-06	1.318745e-05
## SPAC18B11.09c	-2.014677e-05	2.366705e-04	-6.176443e-05	-2.239349e-04
## SPAC18B11.08c	-8.167396e-07	1.032184e-04	-1.689994e-04	6.140574e-04
## SPAC18B11.07c	-3.179648e-05	4.259586e-04	-2.384297e-04	7.810802e-04
## SPAC18B11.04	-2.011332e-05	1.732785e-04	-5.038769e-05	-3.780503e-04
## SPNCRNA.636	-7.776429e-06	1.869428e-04	-1.393323e-04	3.832587e-04
## SPAC18B11.02c	-3.224646e-05	3.994669e-04	-8.203290e-04	2.332035e-03
## SPAC12G12.15	-1.235260e-05	7.434831e-05	-7.051796e-05	3.462674e-04
## SPNCRNA.637	-1.075368e-06	1.550199e-05	-7.889157e-06	1.026579e-04
## SPAC12G12.14c	-1.391152e-05	2.010875e-04	-1.230890e-04	7.026897e-04
## SPNCRNA.638	3.253139e-08	1.607399e-06	6.849692e-07	7.926429e-06
## SPAC12G12.10	-3.224936e-05	7.160703e-04	-3.326700e-04	2.057128e-03
## SPAC12G12.09	-4.045591e-05	7.067180e-04	-1.765717e-04	2.094854e-03
## SPAC12G12.06c	-5.301040e-05	1.313067e-03	-1.408111e-03	5.882385e-03
## SPNCRNA.639	-1.319988e-07	1.531534e-06	4.128575e-06	-9.414236e-06
## SPAC12G12.03	-1.026280e-04	8.100529e-04	-8.496301e-04	2.531451e-03
## SPAC630.05	-5.975708e-05	5.744117e-04	1.410286e-04	-1.030614e-03
## SPAC630.15	-3.285748e-08	5.017336e-05	-1.063203e-04	-4.131800e-05
## SPATRNPAPRO.01	1.327475e-06	4.218517e-04	6.259238e-04	3.158419e-04
## SPAC630.11	-3.380018e-05	5.632038e-04	4.101887e-05	6.926441e-04
## SPAC630.12	-3.593414e-05	4.735906e-04	-2.574300e-04	1.535072e-03
## SPAC630.13c	-5.247275e-05	7.495498e-04	-4.570981e-04	4.616570e-03
## SPAC630.14c	-7.383441e-05	5.974233e-04	-3.008621e-04	1.391865e-03
## SPAC1751.01c	-2.402881e-05	9.407423e-05	-1.883615e-05	-2.820513e-04

## SPAC1751.04	7.771797e-06	1.306535e-04	-1.427411e-04	1.114126e-03
## SPAC1751.02c	-3.526388e-05	4.877917e-04	-6.457544e-05	5.391722e-04
## SPAC31A2.02	-2.490350e-05	3.493245e-04	-7.167532e-04	1.643229e-03
## SPNCRNA.643	-1.506371e-06	1.323227e-05	-5.476480e-06	2.195425e-05
## SPAC31A2.03	-3.346304e-05	6.601331e-04	-3.675961e-04	1.302243e-03
## SPAC31A2.04c	-1.037171e-04	7.689451e-04	-6.092032e-05	-1.275141e-03
## SPAC31A2.06	-6.177802e-05	7.095558e-04	-4.622741e-04	1.048662e-03
## SPAC31A2.07c	-1.890074e-05	9.869900e-04	-1.110176e-03	7.454171e-03
## SPAC31A2.09c	-4.000697e-05	4.105392e-04	-3.379859e-04	-5.509253e-05
## SPAC31A2.11c	-2.342154e-05	2.706001e-04	-7.285124e-05	1.531746e-04
## SPAC31A2.12	-1.069286e-04	3.860633e-04	1.932318e-04	-4.207057e-03
## SPAC31A2.13c	-1.877589e-05	1.968163e-04	-4.100235e-05	1.220182e-04
## SPAC31A2.14	-4.105771e-05	2.884496e-04	-2.148582e-04	1.493871e-03
## SPAC31A2.16	-4.359213e-06	4.400010e-04	-5.692756e-04	3.194275e-03
## SPAC13C5.01c	-1.601618e-04	1.276643e-03	-5.884735e-04	-3.991651e-03
## SPNCRNA.644	-5.193562e-07	3.905834e-06	-1.796256e-06	3.509173e-05
## SPAC13C5.04	-2.666029e-04	1.263377e-03	1.456146e-03	-1.440321e-02
## SPNCRNA.645	1.712632e-07	4.181676e-05	-1.052555e-04	3.138618e-04
## SPAC13C5.05c	-4.228874e-05	5.441898e-04	-6.048660e-05	6.704477e-04
## SPAC13C5.06c	-4.421968e-05	2.623518e-04	6.877838e-05	-1.357009e-03
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	1.866764e-04	6.778928e-03	1.932567e-02	1.285504e-03
## SPAC23E2.02	-3.815525e-05	4.048970e-04	-2.299852e-04	1.075004e-03
## SPRRNA.11	-3.102667e-04	4.538164e-03	4.469145e-03	-8.698975e-04
## SPAC24H6.12c	-1.026318e-04	5.960033e-04	1.112307e-04	-2.488224e-03
## SPAC24H6.11c	-7.359620e-05	1.718806e-04	-1.473220e-05	-3.166740e-04
## SPNCRNA.652	-1.372572e-06	7.185053e-05	-1.437350e-04	3.070865e-04
## SPAC24H6.09	-8.846998e-05	6.050905e-04	-1.825401e-04	-1.195708e-03
## SPAC24H6.07	-6.579305e-04	6.632829e-03	-6.294775e-03	2.381071e-02
## SPAC24H6.06	-4.371388e-05	3.276492e-04	-9.483836e-05	-6.166300e-04
## SPAC24H6.04	-5.525868e-04	5.438601e-03	-2.784925e-03	6.196874e-03
## SPNCRNA.653	-4.456155e-07	-1.180123e-07	3.835118e-07	1.784783e-05
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	-1.146687e-05	1.611743e-04	-1.109494e-05	3.550615e-04
## SPNCRNA.654	-7.667754e-07	1.822540e-06	-1.592958e-06	8.104646e-06
## SPAC24H6.01c	-6.121074e-06	2.060877e-04	-1.458732e-04	9.934234e-04
## SPAC227.19c	-2.598922e-06	7.100921e-05	-3.506250e-05	2.545799e-04
## SPNCRNA.655	-2.141946e-06	9.695848e-05	-2.102341e-04	4.177821e-04
## SPAC227.05	-3.604717e-05	4.252558e-04	4.117650e-05	-1.149344e-04
## SPAC227.06	-3.097992e-05	2.310498e-04	-1.097457e-04	-3.775998e-04
## SPAC227.07c	-1.102331e-04	1.010187e-03	-3.688318e-04	-4.620150e-04
## SPNCRNA.657	-2.529248e-05	1.503196e-04	1.094932e-04	-8.897999e-04
## SPAC227.08c	-1.139758e-05	1.387850e-04	-5.951166e-07	1.680141e-04
## SPAC227.09	-1.810814e-05	5.446775e-05	-2.302753e-04	5.432767e-04
## SPAC227.10	-3.014319e-05	4.468932e-04	-1.961837e-04	1.076990e-03
## SPAC227.11c	-2.444584e-05	2.487270e-04	-8.681304e-05	6.398586e-04
## SPAC227.12	-2.693540e-05	4.046091e-04	-7.698296e-05	1.421836e-03
## SPAC227.13c	-6.461187e-05	7.994518e-05	2.814128e-05	-4.595942e-05
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	-1.596392e-05	1.302506e-04	-1.463740e-06	6.942801e-04
## SPAC2F7.04	-6.079803e-06	1.014815e-04	-2.468537e-04	1.521652e-03

## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	-2.945660e-07	5.727345e-06	-1.762552e-05	1.542825e-05
## SPNCRNA.661	-4.785047e-06	3.087286e-05	-6.662522e-05	1.425215e-04
## SPAC2F7.13c	-1.355953e-04	1.841887e-03	-2.059703e-03	4.882167e-03
## SPAC2F7.15	-1.330141e-05	4.066188e-04	-1.454287e-04	1.681198e-03
## SPAC13A11.01c	-9.096377e-05	8.396981e-04	-2.478819e-04	8.153045e-04
## SPAC13A11.03	-2.567220e-04	2.007606e-03	1.155329e-03	9.643746e-04
## SPAC13A11.04c	-8.818709e-06	4.933323e-04	-1.628655e-04	1.713930e-03
## SPAC13A11.05	-1.822204e-04	1.846438e-03	-1.162707e-03	6.776623e-04
## SPAC3H8.02	-7.571244e-05	6.659314e-04	-8.501386e-04	3.206440e-03
## SPAC3H8.03	-1.062698e-05	1.142833e-04	-5.405954e-05	6.210813e-04
## SPNCRNA.663	-1.325302e-06	1.702222e-05	-9.084652e-06	2.412791e-05
## SPAC3H8.04	-1.001982e-04	7.289132e-04	1.125986e-04	-2.268503e-03
## SPNCRNA.156	2.783980e-07	2.960486e-06	1.289077e-06	1.120953e-05
## SPAC3H8.08c	-3.215435e-05	3.133139e-04	-7.793726e-05	-2.060114e-04
## SPNCRNA.667	-4.980540e-06	2.844422e-05	-3.259814e-05	4.035910e-05
## SPAC3H8.10	-9.305234e-05	1.009375e-03	-1.142154e-03	1.575748e-03
## SPAC1F3.01	-7.112135e-06	6.589085e-04	-8.397992e-04	4.793123e-03
## SPAC1F3.02c	-8.407739e-05	3.815424e-04	-1.416354e-04	-1.594177e-03
## SPAC1F3.03	-4.936248e-05	2.929744e-04	-5.700108e-05	-3.423009e-04
## SPAC1F3.04c	-2.896267e-05	4.333930e-04	-1.099319e-04	1.462631e-03
## SPAC1F3.05	-2.274795e-05	1.398196e-04	-1.415314e-04	1.373214e-03
## SPAC1F3.06c	-8.732671e-05	2.108852e-03	-3.615721e-03	1.195807e-02
## SPAC1D4.01	-1.016367e-05	1.123425e-04	-1.161920e-04	4.032366e-04
## SPAC1D4.02c	-4.127347e-05	3.282797e-04	1.179276e-05	-6.432217e-04
## SPAC1D4.03c	-6.565257e-06	9.365020e-05	2.148444e-05	3.986037e-05
## SPNCRNA.670	-3.050045e-06	4.386760e-05	-1.866587e-05	8.259203e-05
## SPAC1D4.05c	-2.726267e-05	2.862196e-04	-1.903742e-04	6.318417e-04
## SPAC1D4.07c	-1.922381e-06	5.212994e-06	3.948835e-06	4.555449e-05
## SPAC1D4.10	-4.678684e-05	4.029910e-04	-3.504997e-04	1.373653e-03
## SPNCRNA.671	-7.180582e-06	6.056009e-05	-9.296801e-05	2.013073e-04
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	-4.808507e-05	5.614880e-04	-2.757461e-04	1.125878e-03
## SPAC1D4.14	-9.204553e-05	1.432370e-03	-1.210999e-03	5.219974e-03
## SPAC22F3.13	-5.429549e-05	3.305170e-04	-3.808102e-04	8.528266e-04
## SPNCRNA.675	8.829592e-07	2.325170e-05	4.122150e-06	1.221775e-04
## SPNCRNA.158	7.439235e-08	1.397763e-06	-3.567916e-06	1.085917e-05
## SPAC22F3.11c	-1.645712e-05	1.378858e-04	-3.480113e-05	-2.436130e-04
## SPAC22F3.10c	-1.745911e-04	1.672763e-03	-1.646832e-03	1.785151e-03
## SPAC22F3.08c	-2.551729e-05	5.357612e-04	-4.028054e-04	2.384589e-03
## SPAC22F3.07c	-6.183294e-05	7.843259e-04	-1.532606e-04	9.155864e-04
## SPAC22F3.05c	-2.315557e-05	5.537469e-04	-7.445846e-04	3.166813e-03
## SPNCRNA.676	1.880928e-07	1.074820e-06	5.254115e-07	4.323966e-06
## SPAC22F3.03c	-7.496019e-06	1.411403e-04	-1.388806e-04	3.882392e-04
## SPAC1296.03c	-7.557118e-06	3.250017e-05	-5.623814e-05	1.203141e-04
## SPAC1296.04	-1.108007e-05	1.351666e-04	-1.294298e-04	8.272524e-06
## SPAC1296.05c	-3.474592e-05	3.348087e-04	-1.881467e-04	1.114851e-03
## SPAPJ696.02	-1.347688e-04	1.595516e-03	-6.637989e-04	2.289997e-03
## SPAC22G7.01c	-1.310854e-04	1.532564e-03	-1.480433e-03	3.711691e-03
## SPNCRNA.677	-5.948007e-06	1.135089e-04	-1.043001e-04	3.903062e-04
## SPAC22G7.03	2.997308e-06	5.519304e-05	-1.116410e-05	3.163513e-04
## SPNCRNA.678	-1.446592e-06	1.135879e-05	-2.055045e-06	2.939733e-07
## SPAC22G7.05	-2.626401e-06	5.640548e-04	-1.251981e-03	4.359888e-03
## SPAC22G7.09c	-1.028873e-05	3.355896e-04	-2.474109e-04	3.134270e-03

## SPAC22G7.10	-3.531406e-05	4.274353e-04	-3.938968e-04	2.140759e-03
## SPAC4G8.02c	-7.184880e-05	1.411580e-03	2.232123e-04	1.584719e-03
## SPAC4G8.03c	-1.509785e-05	6.359871e-05	-1.408912e-04	-4.338056e-04
## SPAC4G8.06c	-2.343369e-05	2.863177e-04	-5.183535e-04	1.359044e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-9.462251e-06	5.750334e-05	-2.783793e-05	1.443110e-05
## SPAC4G8.11c	-6.663134e-06	1.180933e-04	-2.996446e-05	1.984066e-04
## SPAC4G8.12c	-3.773699e-06	9.083366e-05	-1.532131e-04	5.065400e-04
## SPAC4G8.13c	-4.836362e-05	3.826891e-04	-1.859240e-04	5.279177e-04
## SPAC16C9.05	-2.600257e-05	4.570197e-04	-1.832362e-04	6.830325e-04
## SPAC2G11.02	-4.634637e-05	1.178087e-03	-1.587350e-03	8.472603e-03
## SPAC2G11.03c	-2.150219e-05	1.043965e-04	-1.574176e-04	8.097617e-04
## SPAC2G11.06	-1.800024e-05	1.569238e-04	-1.639600e-04	7.770039e-04
## SPNCRNA.688	-1.175192e-05	8.724549e-05	-3.675678e-05	-1.544112e-04
## SPAC2G11.07c	-3.414133e-04	3.958270e-03	-3.142058e-03	4.465538e-03
## SPAC2G11.09	-1.130034e-04	6.854100e-04	-1.906236e-04	-1.402923e-03
## SPAC2G11.12	-2.451618e-05	3.906983e-04	-4.349543e-04	2.779279e-03
## SPNCRNA.691	4.453201e-08	5.464390e-06	-8.494459e-06	2.286827e-05
## SPNCRNA.692	-4.855713e-07	1.224115e-05	1.007037e-06	7.275359e-05
## SPAC521.02	-3.463493e-05	5.216087e-04	-6.650056e-05	8.675310e-04
## SPAC521.03	-2.841687e-04	2.385065e-03	1.245638e-03	-6.108166e-03
## SPAC521.05	-8.760840e-04	1.107775e-02	-5.215760e-03	3.921259e-02
## SPAC23G3.01	-3.700613e-04	3.828359e-03	-7.647269e-05	5.863725e-03
## SPNCRNA.694	7.279266e-07	3.208285e-06	1.553548e-05	-1.114352e-05
## SPAC23G3.04	-9.284982e-06	1.021330e-04	-6.905447e-05	3.673787e-04
## SPAC23G3.06	-3.434577e-04	5.019196e-03	-5.668709e-03	1.623410e-02
## SPAC23G3.07c	-2.405129e-06	1.069567e-04	-7.331082e-05	4.753105e-04
## SPAC23G3.08c	-5.386276e-05	4.453778e-04	-3.291243e-04	1.528232e-03
## SPAC23G3.10c	-4.437466e-05	6.060112e-04	-3.816949e-04	6.902458e-04
## SPAC22H12.01c	-7.924978e-05	5.462829e-04	2.892031e-04	-3.053484e-03
## SPAC22H12.02	-1.038942e-04	1.685259e-03	-3.020412e-04	3.410213e-03
## SPAC22H12.05c	-5.612981e-05	4.212729e-04	-9.111060e-05	-2.696270e-04
## SPAC1687.01	-1.857609e-05	4.760347e-04	-6.307062e-04	2.685160e-03
## SPAC1687.04	-7.045774e-06	1.156961e-04	-1.367572e-05	7.497454e-05
## SPAC1687.05	-3.179379e-05	2.837393e-04	-4.147138e-04	1.621343e-03
## SPAC1687.06c	-2.955875e-04	7.065832e-04	-4.385809e-04	1.119724e-02
## SPNCRNA.696	1.115850e-06	1.703632e-05	-2.192158e-05	9.450896e-05
## SPAC1687.11	-6.325225e-05	1.519038e-03	-2.539404e-03	1.116956e-02
## SPAC1687.12c	-4.681772e-05	5.634619e-04	-1.727557e-04	1.660511e-03
## SPAC1687.14c	-2.098941e-05	1.423243e-04	-9.303596e-06	-1.004570e-03
## SPAC1687.16c	-3.430567e-06	1.058613e-05	-1.592955e-05	3.476043e-04
## SPNCRNA.160	-6.661248e-08	7.149478e-07	-3.496786e-06	2.871739e-06
## SPATRNAALA.01	-2.441529e-06	1.292062e-04	7.512529e-05	7.948963e-05
## SPAC1687.17c	-1.457301e-05	1.798588e-04	-1.451152e-04	6.364567e-04
## SPAC1687.18c	-1.722013e-05	6.049857e-04	-5.001849e-04	2.312337e-03
## SPAC1687.19c	-2.453935e-05	6.567940e-04	-4.494225e-04	3.685901e-03
## SPAC1687.20c	-2.817140e-06	1.768378e-04	-9.552187e-05	1.033313e-03
## SPAC222.03c	-6.832716e-05	8.364820e-04	-1.163616e-04	8.090882e-04
## SPAC222.19	-6.512943e-06	7.348929e-05	-7.462573e-05	-2.243084e-04
## SPAC222.04c	-2.925410e-05	4.333463e-04	-9.048665e-05	7.138028e-04
## SPAC222.06	-2.310569e-05	4.919573e-04	-8.535040e-04	4.137223e-03
## SPAC222.07c	6.068790e-07	4.108394e-04	-2.360714e-04	2.125622e-03
## SPAC222.08c	-2.277904e-05	3.462578e-04	-4.316061e-04	1.431021e-03
## SPSNRNA.02	-2.183503e-03	3.688123e-02	3.116914e-02	3.214312e-02

## SPAC222.17	-9.890795e-06	1.838673e-04	-1.071088e-04	5.916535e-04
## SPNCRNA.701	4.150137e-07	1.452215e-05	2.328948e-05	5.885896e-05
## SPAC222.15	8.316723e-08	7.633778e-06	-2.407319e-05	5.860075e-05
## SPAC222.18	-4.653873e-06	1.799023e-04	-2.435137e-05	3.512967e-04
## SPAC222.16c	-9.199128e-06	1.300271e-04	-2.757145e-06	3.671187e-04
## SPAC821.05	-2.856515e-04	3.089718e-03	-2.071436e-03	5.147024e-03
## SPNCRNA.702	-3.482057e-07	4.216547e-06	-4.771286e-06	8.478455e-06
## SPAC821.06	-2.802149e-05	3.734839e-04	-2.309887e-04	7.758441e-04
## SPNCRNA.703	-9.604171e-06	7.605646e-05	-1.776472e-05	1.879442e-04
## SPAC821.08c	2.362589e-05	9.495573e-04	-2.808202e-04	1.098937e-02
## SPAC821.09	7.183215e-05	1.061401e-03	-4.349756e-03	3.759526e-02
## SPAC821.10c	-1.441577e-03	9.041688e-03	8.936702e-03	-1.900102e-02
## SPAC821.12	-1.165297e-04	7.909752e-04	-2.545032e-04	-1.123774e-03
## SPNCRNA.220	-2.111148e-07	1.902196e-06	3.147641e-08	5.425981e-06
## SPAC139.01c	-3.616599e-05	3.204271e-04	-4.183864e-04	1.904791e-03
## SPNCRNA.704	-2.420513e-06	2.420032e-05	-7.993893e-06	1.412381e-04
## SPAC139.02c	-6.312587e-06	6.094751e-04	-1.261706e-03	3.543696e-03
## SPAC23C4.03	-8.558876e-05	1.718871e-03	-1.446393e-03	7.394906e-03
## SPAC23C4.05c	-1.241361e-04	6.127013e-04	-2.851346e-04	-5.520344e-03
## SPAC23C4.06c	-4.308449e-05	4.371754e-04	-4.413625e-04	8.784492e-04
## SPAC23C4.09c	-3.412950e-05	4.552741e-04	-3.587905e-04	1.048799e-03
## SPAC23C4.10	-1.040690e-05	6.267078e-05	-6.023435e-05	2.606425e-04
## SPAC23C4.11	-4.785235e-05	6.828906e-04	4.286188e-04	1.723201e-04
## SPAC23C4.13	-3.059632e-05	2.297892e-04	-9.141304e-05	-3.428384e-05
## SPAC23C4.14	-4.543422e-06	1.180933e-04	-2.926999e-05	6.943623e-04
## SPAC23C4.15	-2.253480e-05	6.738647e-04	-1.058802e-03	4.418009e-03
## SPAC23C4.17	-1.227748e-05	4.103652e-04	-7.243304e-04	4.149067e-03
## SPAC23C4.18c	-1.563999e-05	2.535080e-04	-3.106301e-05	3.271490e-04
## SPAC1A6.01c	-1.912924e-05	2.345610e-04	-1.561535e-04	3.257164e-04
## SPAC1A6.02	-3.770733e-05	6.189186e-04	-5.060846e-04	2.680152e-03
## SPAC1A6.03c	-2.606043e-04	1.506801e-03	-5.510764e-05	-5.037325e-03
## SPAC1A6.04c	-3.421397e-04	1.189659e-03	1.393756e-04	1.534753e-02
## SPNCRNA.710	-1.872207e-06	1.705896e-05	-3.130474e-05	2.887239e-05
## SPAC1A6.06c	-1.763316e-07	3.617281e-05	3.190048e-06	1.693921e-05
## SPAC1A6.08c	2.266799e-07	3.213021e-05	-2.662865e-05	-2.789751e-06
## SPAC30D11.14c	-2.505518e-05	4.425122e-04	-1.926192e-04	2.246993e-03
## SPATRNASER.01	-1.623910e-05	1.097474e-03	1.239179e-03	1.415315e-03
## SPATRNAMET.01	-3.228756e-06	7.028078e-05	1.774857e-04	1.400692e-04
## SPNCRNA.711	-5.160914e-06	2.298103e-05	1.102942e-06	-9.362158e-05
## SPAC30D11.07	-4.451155e-06	5.238013e-05	-4.294963e-05	7.723353e-05
## SPAC30D11.06c	-6.377023e-06	2.853557e-04	-2.334159e-04	1.396673e-03
## SPAC30D11.05	-1.767840e-05	2.164043e-04	-2.464875e-04	1.104379e-03
## SPAC30D11.02c	-7.388768e-07	1.399204e-05	4.218746e-06	-3.069801e-05
## SPAC56F8.02	-1.103959e-04	8.428179e-04	-1.356221e-04	1.256396e-04
## SPAC56F8.04c	-4.057359e-05	3.977947e-04	-3.382696e-04	6.775214e-04
## SPAC56F8.06c	-1.123278e-05	7.962887e-05	-4.635258e-05	2.533314e-04
## SPAC56F8.09	9.853236e-06	3.626905e-04	-6.135854e-04	3.247702e-03
## SPNCRNA.716	-2.065966e-05	8.581175e-05	-2.028645e-04	2.934991e-05
## SPAC56F8.12	-5.075935e-07	3.734275e-06	1.896260e-06	-4.773600e-05
## SPAC56F8.16	-4.379202e-05	1.089761e-04	-8.815755e-05	1.516713e-03
## SPAC22A12.02c	7.439797e-07	3.311933e-06	8.589970e-06	1.016691e-05
## SPAC22A12.04c	-5.557985e-04	6.137144e-03	-4.335635e-03	1.174191e-02
## SPNCRNA.717	1.850241e-08	3.256345e-06	1.302933e-06	-8.637294e-06
## SPAC22A12.07c	-2.480576e-04	3.381168e-03	-4.423618e-04	7.463634e-03

## SPAC22A12.08c	-8.155136e-05	7.866262e-04	-3.601583e-04	8.865066e-04
## SPAC22A12.10	-1.608119e-04	1.745891e-03	-7.025982e-04	3.674055e-03
## SPAC22A12.09c	-1.825887e-05	5.157575e-05	-8.175635e-05	4.112561e-04
## SPAC22A12.11	-2.155195e-04	1.383467e-03	-1.325801e-04	2.068819e-04
## SPAC22A12.12c	-3.437574e-05	4.545913e-04	-7.249315e-05	1.024259e-03
## SPAC22A12.14c	-5.834202e-06	2.004793e-04	-2.667795e-04	9.173929e-04
## SPNCRNA.719	-9.930365e-07	7.407008e-06	8.121197e-06	-2.213473e-05
## SPAC22A12.17c	-1.117375e-03	4.840910e-03	7.674918e-03	-6.727070e-02
## SPNCRNA.168	-7.796609e-07	1.132684e-06	7.417220e-06	-7.733008e-06
## SPNCRNA.720	-1.764802e-06	2.970954e-05	-2.058184e-05	8.714643e-05
## SPNCRNA.721	-3.887903e-06	3.191640e-05	-2.201853e-05	-3.273654e-05
## SPAC4C5.02c	-3.843759e-05	2.770599e-04	-2.232116e-04	4.372242e-04
## SPAC4C5.03	-5.361315e-05	3.478700e-04	1.026703e-04	-1.259428e-03
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	-4.657005e-04	1.477740e-03	-6.097433e-03	1.286657e-02
## SPNCRNA.724	-1.346810e-05	1.355307e-04	-8.114217e-05	-1.659529e-05
## SPAC10F6.02c	-3.183567e-05	6.277693e-04	-6.198879e-04	3.758924e-03
## SPAC10F6.05c	-6.289867e-05	3.189437e-04	2.446774e-04	-2.320234e-03
## SPNCRNA.725	-1.083032e-05	4.747584e-05	-2.332527e-05	1.946560e-04
## SPAC10F6.10	-2.165587e-05	3.511407e-04	-5.711955e-04	2.112878e-03
## SPNCRNA.726	-4.729018e-07	1.677340e-05	8.747563e-06	4.326824e-05
## SPAC10F6.15	-5.678182e-06	3.579640e-05	7.145835e-05	-2.139928e-04
## SPNCRNA.432	-1.391068e-06	2.352946e-06	-1.398305e-05	-2.433783e-05
## SPAC10F6.17c	-1.630463e-05	2.699833e-04	-3.366228e-04	1.280297e-03
## SPAC56E4.03	-1.608587e-04	8.320383e-04	-1.023061e-03	1.778719e-03
## SPAC56E4.07	-5.994488e-05	6.786920e-04	-1.207529e-04	3.060137e-04
## SPNCRNA.730	3.105463e-07	8.895725e-06	-1.737707e-05	5.393579e-05
## SPAC1420.02c	-3.235241e-04	3.100432e-03	-3.112008e-03	5.244938e-03
## SPAC1420.03	-9.125646e-05	6.911921e-04	-4.735913e-04	-1.344416e-03
## SPAC1420.04c	-9.487554e-07	1.484111e-05	-3.555518e-05	1.607644e-04
## SPNCRNA.731	-1.470530e-06	8.698468e-06	2.721474e-06	-3.532535e-05
## SPAPB17E12.02	-3.686346e-06	2.433896e-05	-2.151875e-05	8.685458e-05
## SPAPB17E12.03	-8.597655e-06	3.100179e-04	-8.225491e-05	1.056222e-03
## SPAPB17E12.05	-2.195364e-04	3.347543e-03	-3.676140e-03	8.943424e-03
## SPAPB17E12.11	-6.623841e-05	8.496013e-04	-2.950006e-04	2.792333e-03
## SPNCRNA.732	5.455883e-07	5.036682e-06	-7.171344e-06	4.736170e-05
## SPNCRNA.733	2.801412e-07	1.644757e-05	-3.821452e-05	7.914108e-05
## SPAC1565.03	9.633591e-07	4.532131e-05	-2.276236e-05	1.376751e-05
## SPAC1565.05	-3.874550e-05	1.313391e-03	-1.700009e-03	9.114920e-03
## SPAC1565.06c	-7.148773e-05	5.643405e-04	-2.486379e-05	-2.087240e-03
## SPAC1565.07c	-1.104032e-05	4.767400e-04	-7.328255e-05	2.708318e-03
## SPATRNAPRO.02	-1.968592e-03	5.533724e-02	7.531152e-02	-4.397753e-03
## SPSNORNA.53	-2.069437e-04	2.078807e-03	-1.382392e-03	2.119049e-03
## SPAC6F12.06	-7.786624e-05	1.120867e-03	-6.906444e-04	-1.854064e-04
## SPAC6F12.07	-4.794607e-05	5.528694e-04	-4.355877e-04	1.554378e-03
## SPAC6F12.08c	-9.821910e-06	2.303577e-04	-2.742403e-04	5.577055e-04
## SPAC6F12.09	-2.855504e-05	3.375712e-04	-2.110539e-04	1.221573e-03
## SPAC6F12.12	-3.398861e-05	3.458571e-04	-1.629700e-04	8.584321e-04
## SPAC6F12.13c	-1.187936e-04	6.854240e-04	-1.731347e-03	4.689015e-06
## SPAC6F12.15c	-2.890515e-05	3.511702e-04	-8.570865e-05	2.144045e-04
## SPAC19E9.01c	-4.142350e-05	3.041612e-04	-2.540080e-04	1.055086e-03
## SPAC19E9.02	-6.359725e-05	5.104462e-04	-3.693201e-04	2.508794e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPNCRNA.738	-1.456821e-07	3.829191e-07	-3.055232e-05	4.431032e-05
## SPAC19E9.03	-1.438374e-04	4.196648e-04	2.778319e-04	-4.508396e-03
## SPAC57A10.03	-5.538551e-06	2.940502e-04	-2.434232e-04	1.363230e-03
## SPAC57A10.05c	-5.071491e-05	3.051199e-04	3.473202e-05	-8.779010e-04
## SPAC57A10.06	-3.987053e-07	7.912167e-06	-4.418464e-06	-2.143804e-05
## SPAC57A10.07	-2.092925e-05	3.568262e-04	-3.653264e-04	1.562620e-03
## SPAC57A10.08c	-1.662744e-05	1.936471e-04	4.341496e-05	3.868644e-05
## SPAC57A10.09c	-2.605734e-04	1.387534e-03	2.258494e-04	-9.315909e-03
## SPAC57A10.12c	-2.241690e-04	7.389778e-04	-1.623590e-03	7.048899e-03
## SPAC20G8.04c	-1.145014e-04	1.054658e-03	-1.509591e-03	2.887631e-03
## SPAC20G8.05c	-9.250604e-05	1.444891e-03	-8.719183e-04	6.339526e-03
## SPAC20G8.06	-1.556212e-04	1.294419e-03	-1.506883e-03	9.910861e-03
## SPAC20G8.08c	-5.777771e-06	4.641305e-04	-6.777901e-04	3.804945e-03
## SPAC20G8.09c	-8.303550e-05	1.088160e-03	-3.133866e-03	1.459457e-02
## SPAC20G8.10c	-5.706277e-06	1.194485e-05	1.580179e-05	-8.549984e-06
## SPAC3A12.04c	-7.638874e-07	2.136544e-04	-1.225927e-04	1.168128e-03
## SPAC3A12.19	-1.258395e-05	6.362008e-05	1.701983e-06	1.253060e-05
## SPAC3A12.07	-5.276404e-05	6.488146e-04	-5.041911e-04	2.139049e-03
## SPNCRNA.741	-9.715769e-07	6.543629e-06	-6.729567e-06	-2.577323e-05
## SPAC3A12.11c	-5.386833e-05	7.082198e-04	-3.980462e-05	7.139186e-04
## SPAC3A12.14	-2.355964e-04	1.908332e-03	-2.081480e-04	-1.770488e-03
## SPAC3A12.15	-4.196490e-05	6.337473e-04	-3.435734e-04	2.196122e-03
## SPSNORNA.48	-7.841736e-08	-1.366664e-07	9.343733e-07	-1.831583e-06
## SPAC3A12.18	-4.287864e-04	2.084936e-03	5.402226e-04	-1.103528e-02
## SPAC9.03c	-1.721490e-04	8.032729e-04	-8.370513e-04	5.124134e-03
## SPAC9.05	-1.663609e-05	2.300061e-04	-1.070470e-04	8.706715e-04
## SPAC9.06c	-3.671671e-06	4.568619e-05	-5.408451e-05	1.262494e-04
## SPAC9.08c	-3.097256e-05	2.584398e-04	3.360907e-05	-4.089149e-05
## SPAC9.09	-1.531753e-03	4.143503e-03	-1.443641e-02	3.105545e-02
## SPNCRNA.743	-1.815129e-07	3.918867e-05	7.941705e-06	9.326957e-05
## SPAC9.10	-5.092350e-06	2.563571e-04	-4.198395e-04	2.215557e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	-6.712499e-06	1.229905e-04	-1.131335e-04	1.501627e-03
## SPAC5D6.10c	-6.649802e-07	-9.117397e-07	-4.050315e-07	-1.117157e-05
## SPAC5D6.09c	-1.753416e-05	3.941678e-05	3.065457e-05	3.604808e-04
## SPAC5D6.07c	-3.335790e-05	2.341667e-04	-1.492437e-05	-1.389310e-03
## SPAC5D6.04	-7.013761e-05	5.314033e-04	-7.289018e-05	-1.825913e-03
## SPAC5D6.02c	-2.796372e-06	2.484308e-05	6.479032e-06	2.429272e-04
## SPAC57A7.10c	-2.541993e-04	2.375657e-03	-1.739716e-03	7.021173e-03
## SPNCRNA.174	-1.208790e-07	1.958112e-06	5.696409e-06	1.846476e-06
## SPAC57A7.08	-9.738223e-05	8.113463e-04	1.671798e-05	-5.646368e-04
## SPAC57A7.06	-1.956919e-05	6.515776e-04	-1.328773e-03	6.132352e-03
## SPAC57A7.04c	-5.227897e-04	-5.695528e-04	-9.022797e-04	1.772166e-02
## SPAC167.07c	-6.491103e-05	4.785629e-04	-2.521515e-05	-5.060783e-04
## SPAC167.05	-4.067740e-05	1.462283e-04	-3.410520e-06	-3.709399e-05
## SPAC167.04	-5.508697e-05	5.567917e-04	-2.089082e-04	6.527269e-04
## SPAC167.09	-1.859617e-06	3.655005e-05	2.722944e-05	2.777245e-04
## SPAC167.08	3.523674e-07	3.820185e-06	-3.026123e-06	2.767429e-05
## SPAC1705.03c	-3.469170e-04	2.298404e-03	-1.754507e-03	2.571483e-02
## SPNCRNA.80	2.734098e-07	1.328478e-06	-2.540930e-06	1.474729e-05
## SPNCRNA.745	5.033707e-07	9.407840e-06	-1.202995e-05	5.071717e-05
## SPNCRNA.81	3.843148e-08	-1.534887e-07	1.331179e-07	-9.175073e-07
## SPAC23H4.17c	-1.978496e-05	1.227629e-04	-1.572303e-05	2.894170e-04
## SPAC23H4.16c	-1.907368e-06	1.508520e-04	-1.892848e-04	7.309226e-04

## SPAC23H4.15	-3.892400e-05	1.240837e-03	-2.132842e-03	9.167584e-03
## SPAC23H4.21	-1.000713e-06	1.000742e-04	-2.266785e-05	3.229205e-04
## SPAC23H4.13c	-1.073427e-06	1.652309e-04	-3.820592e-05	7.219815e-04
## SPAC23H4.12	-4.569130e-05	5.660203e-04	-5.184616e-04	1.218658e-03
## SPAC23H4.08	-1.487468e-05	1.475711e-04	-1.667839e-04	1.553796e-04
## SPAC23H4.07c	-3.655526e-05	5.978755e-04	-4.805035e-04	1.322461e-03
## SPAC23H4.05c	-2.977043e-06	1.794004e-05	-1.042789e-05	-5.054610e-05
## SPNCRNA.746	2.067779e-07	8.938519e-06	-9.416855e-06	6.128114e-05
## SPAC23H4.04	2.453333e-07	3.604953e-04	-3.178050e-04	1.713698e-03
## SPATRNNATHR.01	4.265304e-05	1.384026e-03	3.151789e-03	2.597384e-03
## SPNCRNA.747	-1.566879e-07	7.529927e-06	6.348058e-06	3.493551e-05
## SPAP27G11.03	-1.980354e-05	2.221466e-04	-1.798712e-04	2.720462e-04
## SPAP27G11.05c	-5.974882e-05	5.183999e-04	-2.423577e-04	-5.687135e-04
## SPNCRNA.749	2.397978e-07	2.699447e-05	-4.786583e-05	1.381313e-04
## SPAP27G11.09c	-4.339373e-05	6.267971e-04	-4.950500e-04	1.212342e-03
## SPAP27G11.14c	-6.268247e-06	2.478365e-04	-3.402480e-04	1.073844e-03
## SPAP27G11.15	-2.657245e-06	5.730972e-05	-2.201640e-05	4.542111e-04
## SPAC343.01c	-5.998696e-05	8.203989e-04	-5.744501e-04	3.507852e-03
## SPAC343.03	-5.747144e-07	7.688583e-05	-6.290600e-05	2.353492e-04
## SPAC343.04c	-6.802952e-05	5.226531e-04	-2.940834e-04	-2.182504e-03
## SPAC343.05	-1.923958e-04	2.173960e-03	-1.682618e-03	5.763282e-03
## SPAC343.08c	-3.467118e-05	6.695172e-04	-6.609411e-04	2.421084e-03
## SPAC343.07	-1.368987e-07	3.315830e-06	1.751937e-06	-9.610947e-07
## SPNCRNA.752	-4.447313e-06	1.187851e-05	-3.608501e-05	1.704644e-04
## SPAC343.10	-1.207306e-04	1.232908e-03	-6.809960e-04	2.823962e-04
## SPAC343.11c	-7.226945e-05	2.013124e-04	-1.267709e-04	-3.585821e-04
## SPAC343.20	-2.237074e-05	2.473604e-04	-4.804405e-04	2.169816e-03
## SPAC343.17c	-2.263557e-05	3.770543e-04	5.206481e-05	6.569946e-04
## SPAC343.15	-7.493771e-06	5.605873e-05	-1.271411e-04	5.739659e-04
## SPNCRNA.754	3.418151e-08	8.733654e-08	-1.211380e-07	-1.292216e-06
## SPAC824.04	-1.605723e-05	3.038971e-04	-1.152204e-04	1.057888e-03
## SPAC824.05	-3.110637e-05	4.338310e-04	-2.679049e-04	-1.303260e-04
## SPAC824.07	-1.327074e-04	1.039956e-03	6.213950e-04	-3.599389e-03
## SPAC824.08	-1.852870e-05	2.802874e-04	-5.841760e-04	2.329817e-03
## SPATRNNALYS.01	3.135067e-06	6.155403e-04	9.977282e-04	9.590067e-04
## SPAC664.03	-8.143607e-05	9.667581e-04	-4.773110e-04	2.063151e-03
## SPAC664.04c	-2.174940e-04	4.114332e-03	-3.043845e-03	1.508562e-02
## SPAC664.07c	-2.034595e-06	1.094157e-04	-5.455822e-05	5.349908e-04
## SPAC664.08c	-1.344950e-05	7.441325e-04	-7.229194e-04	5.943667e-03
## SPAC664.09	-6.993640e-05	8.730949e-04	-3.156174e-04	1.789267e-04
## SPAC664.10	-3.397246e-05	5.253182e-04	-3.584370e-04	8.608912e-04
## SPAC664.11	-1.336451e-03	8.697285e-03	-1.267934e-02	1.941858e-02
## SPAC664.12c	-1.465030e-05	1.835436e-04	-9.840794e-05	5.886528e-04
## SPAC664.14	-1.050717e-04	1.493629e-03	-1.225295e-03	3.011769e-03
## SPNCRNA.758	-9.810852e-07	3.402193e-07	-8.807535e-06	1.868982e-05
## SPACUNK12.02c	-1.795726e-05	7.724528e-05	2.370299e-05	-4.064826e-04
## SPAC105.01c	-1.283558e-05	1.547574e-04	-2.568728e-04	7.402864e-04
## SPAC17A5.18c	-4.496116e-06	4.839551e-05	-3.720706e-05	-3.296804e-05
## SPAC17A5.02c	-9.258557e-07	2.520114e-04	-2.639754e-04	1.334247e-03
## SPAC17A5.03	-6.332921e-04	1.148432e-03	-9.946404e-04	8.767989e-03
## SPAC17A5.04c	-1.667135e-05	3.534465e-04	-8.533204e-05	1.286299e-03
## SPAC17A5.19	-1.322559e-06	2.534675e-05	-3.373746e-05	2.046627e-04
## SPAC17A5.06	-2.775497e-05	3.627066e-04	-4.183908e-04	6.184535e-04
## SPAC17A5.08	-4.264831e-05	6.519344e-04	-5.279776e-04	1.125767e-03

## SPAC17A5.10	-1.085502e-05	3.211284e-05	3.506334e-05	-1.528542e-04
## SPAC17A5.11	-3.672374e-06	2.769221e-05	3.602812e-06	1.082355e-05
## SPAC17A5.12	-2.902919e-05	1.785099e-04	-8.672261e-05	8.608296e-04
## SPAC17A5.14	-1.437434e-04	1.770502e-03	-1.207623e-03	2.198773e-03
## SPAC17A5.16	-4.897835e-05	3.313529e-04	-2.544499e-04	1.661822e-03
## SPAC1610.01	-1.442269e-05	2.020273e-04	-7.837674e-05	4.329697e-04
## SPAC1610.02c	-1.916066e-05	3.495894e-04	-1.714761e-04	1.032950e-03
## SPAC1610.03c	-4.016371e-06	1.474318e-05	-3.129183e-06	-4.362917e-07
## SPAC1610.04	-2.809122e-05	3.650856e-04	-1.998145e-04	-5.958546e-05
## SPAC1002.02	-4.869408e-06	4.042339e-05	-1.029545e-04	2.831774e-04
## SPAC1002.03c	-1.496809e-04	1.789649e-03	-1.405109e-03	7.367447e-03
## SPAC1002.04c	-1.783446e-05	2.849676e-04	3.063645e-05	7.286736e-05
## SPAC1002.05c	-1.581727e-05	2.456731e-04	1.230071e-05	-7.961928e-05
## SPAC1002.09c	-4.714801e-04	5.001383e-03	-3.319428e-03	-6.889628e-03
## SPAC1002.12c	-4.528526e-05	4.926743e-04	-2.451134e-04	-3.761789e-04
## SPAC1002.20	-8.796384e-06	2.525357e-05	3.619840e-05	-4.082647e-04
## SPAC1002.19	-1.154470e-04	7.677651e-04	1.025496e-03	-1.499701e-03
## SPAC1399.04c	-2.951742e-05	1.984998e-04	1.555418e-04	-9.403800e-04
## SPAC1399.03	-1.518420e-05	2.658560e-04	-3.494076e-04	1.389333e-03
## SPAC1399.01c	-1.429995e-05	8.239362e-05	1.166576e-04	-2.655008e-04
## SPAP11E10.02c	-5.999507e-06	-4.658826e-06	-1.163337e-05	2.081104e-04
## SPAPB1A10.02	-8.783305e-06	9.276850e-05	-3.585003e-05	-2.328653e-04
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	-1.302316e-05	5.203516e-04	-7.793049e-04	4.524214e-03
## SPAPB1A10.07c	-2.930208e-05	3.956080e-04	4.028997e-05	-3.309544e-04
## SPNCRNA.767	-3.482115e-06	6.474099e-05	-5.806113e-05	1.740218e-04
## SPNCRNA.768	-3.783353e-06	3.390676e-05	-5.210422e-05	7.485273e-05
## SPAPB1A10.08	-2.455079e-05	9.271461e-05	-5.473496e-05	-1.794816e-04
## SPAPB1A10.10c	-2.166475e-05	3.227606e-04	-1.800908e-04	9.264488e-04
## SPAPB1A10.11c	-1.757642e-05	3.843121e-04	-3.610101e-04	1.492929e-03
## SPAPB1A10.12c	-5.390488e-05	3.172354e-04	-4.752082e-04	1.156409e-03
## SPNCRNA.769	-3.120807e-06	3.825332e-05	-1.090222e-05	2.806360e-05
## SPNCRNA.770	-1.680207e-06	4.514655e-06	4.335395e-06	-3.702014e-05
## SPAC140.02	-1.994226e-04	6.733360e-03	-1.364634e-02	7.869533e-02
## SPNCRNA.771	-3.635827e-06	3.765881e-05	1.943616e-05	1.758655e-04
## SPAC140.04	-9.125348e-07	5.002528e-05	-7.744129e-05	7.019890e-06
## SPAC110.02	-1.379754e-05	2.350544e-04	-3.694952e-04	1.412147e-03
## SPNCRNA.773	5.470999e-07	7.769201e-06	-3.769640e-05	7.249892e-05
## SPAC110.04c	-5.019903e-04	1.917239e-03	-6.163848e-03	1.084948e-02
## SPAP14E8.02	-1.195231e-06	5.753440e-04	-1.625149e-03	7.826777e-03
## SPAP14E8.03	-2.322950e-05	2.339601e-04	-1.655075e-04	-1.145586e-04
## SPAP14E8.04	-1.495314e-05	1.526973e-04	-2.238101e-05	7.723143e-05
## SPAP14E8.05c	-5.108340e-05	6.342990e-04	1.080157e-04	-7.147977e-04
## SPAC3H1.03	-1.315537e-05	1.780694e-04	-1.729152e-04	3.500348e-04
## SPNCRNA.775	-1.990504e-07	1.659677e-06	-1.227966e-05	2.803142e-06
## SPAC3H1.08c	-5.164642e-06	1.073073e-04	-1.825620e-04	3.622016e-04
## SPNCRNA.776	6.221975e-07	1.536937e-05	-4.308060e-05	1.383545e-04
## SPAC3H1.10	-1.536439e-05	4.100566e-04	-4.084863e-04	1.211724e-03
## SPNCRNA.778	-5.890935e-06	3.354257e-05	-1.078415e-05	8.486413e-06
## SPNCRNA.779	7.368782e-07	3.132412e-05	-9.027142e-05	2.296910e-04
## SPNCRNA.780	-1.979804e-06	2.172792e-05	-4.733313e-05	9.114053e-05
## SPNCRNA.782	-7.253620e-07	4.477886e-05	-1.427273e-04	1.338196e-04
## SPAC3H1.11	-1.297414e-04	4.061626e-04	-5.229041e-04	2.906187e-04
## SPAC3H1.14	-9.214938e-06	1.803687e-04	-3.051691e-05	-9.438451e-05

## SPAC9G1.05	-1.409145e-04	2.090239e-03	2.148772e-04	3.909574e-03
## SPAC9G1.06c	-3.058351e-05	1.191535e-04	-2.610420e-04	8.759251e-04
## SPAC9G1.07	-7.282440e-06	2.882154e-05	-2.406586e-05	4.001385e-04
## SPAC9G1.11c	-6.027293e-05	7.408665e-04	-2.475628e-04	8.619263e-04
## SPAC9G1.12	-4.377236e-05	4.520680e-04	-6.572855e-04	2.532509e-03
## SPAC767.01c	-2.223199e-04	2.736914e-03	2.113988e-04	6.243527e-04
## SPNCRNA.786	-1.323267e-06	1.260985e-05	-8.771479e-07	3.513650e-05
## SPAC17H9.01	-2.985539e-05	4.774435e-04	-6.066652e-04	1.776996e-03
## SPAC17H9.05	-2.888159e-06	1.338572e-03	-1.445682e-03	8.806063e-03
## SPAC17H9.06c	-3.877042e-06	1.776901e-04	-1.206088e-04	7.646354e-04
## SPAC17H9.07	-1.697475e-05	5.503419e-04	-3.674016e-04	1.065075e-03
## SPAC17H9.08	-1.379316e-05	3.705682e-04	-1.193845e-04	2.141560e-03
## SPAC17H9.11	-2.509077e-05	2.785006e-04	-2.608594e-04	7.988710e-04
## SPNCRNA.788	1.998628e-06	6.959156e-06	1.437045e-05	2.856751e-05
## SPAC17H9.18c	-1.343358e-07	-1.399883e-06	-3.570555e-07	-4.210554e-08
## SPAC17H9.19c	-1.089562e-05	1.216208e-05	1.148208e-05	3.869956e-04
## SPAC607.02c	-3.906413e-06	1.436279e-04	-1.787220e-04	7.483188e-04
## SPNCRNA.789	1.778052e-07	2.878415e-05	-1.227186e-05	1.064925e-04
## SPAC607.07c	-5.492018e-05	5.192186e-04	-2.053101e-04	-1.206392e-03
## SPAC607.08c	-1.012893e-04	4.725420e-04	1.423643e-04	-3.758505e-03
## SPNCRNA.186	-1.730052e-07	5.867375e-06	3.480643e-06	-2.456540e-05
## SPAC607.10	-3.142572e-05	3.390036e-04	-4.964703e-04	6.999989e-04
## SPNCRNA.790	3.563055e-07	1.041402e-06	-1.240672e-06	-7.701993e-06
## SPAC3C7.01c	-3.681761e-05	6.079025e-04	-3.830889e-04	2.062538e-03
## SPAC3C7.03c	-9.960071e-06	1.418601e-04	-9.231113e-05	4.055812e-04
## SPAC3C7.04	-9.505228e-05	1.186030e-03	-3.977853e-04	2.422670e-03
## SPAC3C7.05c	-3.192653e-04	1.703010e-03	1.693382e-03	-1.539588e-02
## SPAC3C7.06c	-2.412380e-05	2.467724e-04	-9.720327e-05	4.301275e-04
## SPAC3C7.07c	-5.535299e-06	2.724108e-04	-2.343215e-04	1.280855e-03
## SPAC3C7.10	-3.626956e-05	3.789670e-04	-9.908628e-05	3.039596e-04
## SPAC3C7.11c	-3.760675e-04	1.668267e-03	-3.766158e-03	2.803983e-03
## SPAC3C7.12	-2.326256e-05	6.274794e-04	-5.241960e-04	2.296154e-03
## SPAC3C7.13c	-7.527639e-05	9.764865e-05	1.864783e-04	-2.514797e-03
## SPNCRNA.792	-1.745502e-06	5.225428e-06	-3.976868e-05	-1.926937e-05
## SPAC3C7.14c	-8.098130e-04	6.829661e-03	9.203383e-03	-1.124512e-02
## SPAC25A8.01c	-1.653698e-04	2.421783e-03	-2.053226e-03	3.363616e-03
## SPAC631.01c	-4.512858e-05	2.658424e-04	-5.799281e-05	6.522803e-04
## SPAC20H4.01	-3.263284e-05	5.060063e-04	-8.740981e-04	4.428845e-03
## SPNCRNA.795	-6.229313e-07	2.978616e-05	1.091761e-05	3.716973e-05
## SPAC20H4.05c	-3.111266e-05	2.676056e-04	-2.454573e-04	5.496456e-04
## SPAC20H4.06c	4.328674e-07	2.546084e-04	-2.291680e-04	7.989634e-04
## SPAC20H4.07	-3.410193e-05	4.201515e-04	-1.443698e-04	-1.042807e-05
## SPNCRNA.796	-4.306725e-06	1.621255e-05	-2.204662e-05	6.867574e-05
## SPAC20H4.11c	-3.898933e-07	3.981549e-05	2.966708e-05	1.009956e-04
## SPAC23C11.02c	-8.311710e-04	1.017123e-02	-7.203037e-03	1.531230e-02
## SPAC23C11.06c	-2.282851e-04	5.457278e-04	8.916749e-04	-1.260019e-02
## SPNCRNA.798	-1.615759e-05	1.903146e-04	-3.476475e-05	3.316976e-04
## SPAC23C11.07	-1.622253e-06	8.870190e-06	-9.706162e-06	-1.584784e-05
## SPAC23C11.12	-2.846055e-06	5.119677e-05	-1.885679e-05	2.300919e-04
## SPAC23C11.13c	-3.921491e-05	5.131819e-04	-7.184838e-04	2.080139e-03
## SPNCRNA.187	-2.956454e-07	4.743048e-06	-5.429269e-06	-3.955273e-06
## SPAC23C11.16	-1.908810e-05	2.242435e-04	-2.051086e-04	9.803333e-04
## SPAC13F5.03c	-7.454366e-06	4.438194e-06	-2.877729e-05	1.757164e-04
## SPAC13F5.04c	-6.747810e-06	6.560403e-06	-1.068730e-05	2.046987e-04

## SPAC13F5.05	-1.280779e-05	9.172796e-05	4.329198e-05	-8.580051e-05
## SPAC1783.01	-2.292625e-05	1.797857e-04	-1.651405e-04	8.795961e-04
## SPAC1783.03	-9.676003e-06	1.710719e-04	-1.345132e-04	6.830899e-04
## SPAC1783.05	-8.970553e-05	1.223343e-03	-1.162738e-03	7.394426e-03
## SPAC18G6.03	-9.508051e-05	1.169501e-03	-1.622099e-03	4.370585e-03
## SPNCRNA.805	-2.645525e-07	2.099267e-06	-1.331914e-06	-2.617078e-06
## SPNCRNA.188	4.720531e-07	6.033437e-06	-2.225235e-06	3.470897e-05
## SPAC18G6.15	-5.350867e-05	8.092545e-04	-2.404358e-04	1.279743e-03
## SPAC13D6.01	-9.987021e-06	5.870147e-05	6.078954e-06	-9.467973e-05
## SPNCRNA.807	9.335902e-07	-2.988871e-06	1.271439e-06	-9.008693e-05
## SPAC13D6.03c	-1.370196e-05	3.563624e-04	-3.709613e-04	1.322131e-03
## SPAC4G9.04c	-2.217753e-05	1.736939e-04	-2.811077e-04	7.313218e-04
## SPAC4G9.03	-3.723425e-04	3.112263e-03	-1.585019e-03	1.135342e-03
## SPAC4G9.05	-1.419286e-06	1.513144e-05	-1.190189e-05	1.196145e-04
## SPAC4G9.06c	-3.158414e-05	3.728131e-04	-3.964756e-04	1.193460e-03
## SPNCRNA.808	-8.170618e-07	9.162397e-06	-2.211738e-05	-3.146987e-05
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	-2.388563e-04	3.181713e-03	-2.131204e-03	4.812587e-03
## SPAC4G9.10	-6.552874e-05	8.875719e-04	-9.064207e-04	1.035064e-03
## SPAC4G9.11c	-2.489825e-05	2.169310e-04	-1.239920e-04	-1.607391e-03
## SPAC4G9.12	-1.059105e-04	8.533371e-04	1.124273e-04	-3.539806e-03
## SPAC4G9.14	5.759847e-06	2.319544e-04	-1.792082e-04	1.206313e-03
## SPAC4G9.15	-1.045628e-04	1.351505e-03	-3.825212e-04	2.047564e-03
## SPNCRNA.809	-6.339483e-07	3.183086e-06	-1.361311e-05	6.661471e-05
## SPAC4G9.19	-1.087731e-05	2.971468e-05	-2.694174e-05	-2.750474e-04
## SPAC4G9.20c	-1.256393e-05	1.518432e-04	-4.015787e-04	1.757105e-03
## SPNCRNA.810	4.062370e-06	3.473166e-05	-6.288292e-05	8.419001e-05
## SPAC13G7.01c	-7.166227e-05	7.307217e-04	-9.016527e-04	2.153028e-03
## SPAC13G7.02c	-3.760360e-04	3.682482e-03	6.151662e-03	-1.266556e-02
## SPAC13G7.03	-2.659775e-06	4.075043e-05	-6.561718e-05	2.360671e-04
## SPAC13G7.04c	-6.298460e-05	1.290113e-04	9.642630e-06	1.076396e-03
## SPAC13G7.05	-3.567186e-05	3.188972e-04	5.884417e-05	-2.406157e-03
## SPAC13G7.06	-1.453696e-04	1.390342e-03	-3.429764e-04	6.424168e-05
## SPAC13G7.10	-1.065108e-05	1.549531e-04	-1.358660e-04	-6.698664e-05
## SPAC13G7.12c	-2.291147e-05	1.207944e-04	-2.807265e-04	1.223253e-03
## SPAC13G7.13c	-1.719290e-05	3.113282e-05	-9.730683e-05	9.349243e-04
## SPNCRNA.812	8.664551e-07	7.937429e-05	-1.398191e-04	4.244004e-04
## SPNCRNA.813	-1.231528e-05	7.042543e-05	-2.753765e-05	-4.527824e-04
## SPAC6C3.03c	8.112878e-07	2.818480e-06	-1.129208e-05	2.348339e-05
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-1.546429e-06	2.852090e-05	-1.011776e-05	-1.882451e-05
## SPNCRNA.815	-1.404996e-05	4.765629e-05	-4.408142e-05	-3.891935e-04
## SPAC6C3.08	-3.874843e-05	3.401599e-04	-9.153743e-05	-9.667686e-04
## SPAC6C3.09	-2.858545e-05	2.357013e-04	-3.844954e-04	3.895901e-04
## SPNCRNA.816	-1.343903e-06	7.293403e-06	-5.697611e-06	-3.804408e-05
## SPAC17G8.03c	-3.008966e-05	3.220843e-04	-1.441003e-04	5.423922e-04
## SPAC17G8.15	-2.400571e-06	6.092628e-05	-3.910194e-05	2.178322e-04
## SPAC17G8.04c	-5.236163e-05	4.340553e-04	-1.414172e-04	9.135122e-05
## SPAC17G8.06c	-8.659725e-04	8.895695e-03	-8.790263e-03	1.208597e-02
## SPAC17G8.08c	-1.467158e-04	1.640575e-03	-6.442851e-04	3.518568e-03
## SPAC17G8.11c	-5.148683e-05	3.838643e-04	-2.527948e-04	-8.053965e-04
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	-4.200413e-05	4.624004e-04	-1.354673e-04	3.792644e-04
## SPAC17G8.14c	-6.087384e-05	2.726205e-04	-5.437850e-05	-5.852349e-04
## SPNCRNA.818	5.512024e-07	8.454856e-07	1.988125e-06	4.604121e-06
## SPAC22H10.02	-1.482799e-05	1.697397e-04	-5.623547e-05	-3.507065e-04
## SPNCRNA.820	6.007243e-07	8.314983e-06	8.491559e-06	3.081535e-05
## SPAC22H10.04	-3.228656e-05	3.383635e-04	-1.129880e-04	2.640545e-04
## SPAC22H10.05c	-7.859965e-05	6.971072e-04	-8.103910e-04	1.426805e-04
## SPAC22H10.06c	-1.045647e-08	-1.014786e-06	-1.628194e-06	-1.051994e-06
## SPAC22H10.07	-2.238847e-05	1.784269e-04	-3.501666e-04	7.783700e-04
## SPAC22H10.08	-2.838253e-05	4.190317e-04	-3.787654e-04	1.848819e-03
## SPAC22H10.11c	-5.994295e-05	4.913557e-04	-3.144682e-04	1.072104e-03
## SPAC22H10.12c	-3.689235e-04	2.000360e-03	-4.638743e-07	-1.203219e-02
## SPAC15F9.01c	-1.648295e-06	3.650077e-06	-3.708263e-06	-3.097488e-06
## SPNCRNA.822	1.714051e-07	4.287861e-07	6.150063e-06	-8.319374e-06
## SPNCRNA.193	-3.047904e-07	8.338698e-07	3.674568e-06	6.717293e-06
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	-8.454410e-05	7.091330e-04	-5.492129e-04	-7.025778e-04
## SPAC6B12.04c	-3.206245e-05	2.572311e-04	-3.763650e-04	7.828042e-04
## SPNCRNA.824	-2.079226e-06	1.636362e-05	-1.929858e-05	-1.770878e-06
## SPAC6B12.05c	-4.498288e-05	4.696064e-04	-2.862546e-04	2.021828e-04
## SPAC6B12.06c	-1.179199e-05	1.959957e-04	1.002621e-04	-1.624839e-04
## SPNCRNA.194	-1.227047e-06	6.799579e-06	-4.295797e-06	-4.988158e-05
## SPNCRNA.825	-2.474820e-06	2.014137e-05	-2.827762e-05	1.415694e-05
## SPAC6B12.19	-7.975241e-07	5.586059e-06	-3.805873e-05	8.931699e-05
## SPAC6B12.09	-3.275382e-05	3.304845e-04	-3.948978e-04	2.027158e-04
## SPAC6B12.10c	-1.117161e-05	5.078630e-05	-5.898016e-05	5.031424e-04
## SPAC6B12.11	-7.309614e-06	7.236579e-05	-1.136801e-04	3.999739e-04
## SPNCRNA.43	-1.097083e-07	-2.441028e-07	4.393230e-07	9.400586e-06
## SPATRNNATHR.02	-1.143537e-05	7.575283e-04	1.442949e-03	-2.971124e-04
## SPAC6B12.12	-3.710425e-04	3.510532e-03	-2.867996e-03	5.370787e-03
## SPAC6B12.14c	-1.914355e-05	3.006266e-04	-2.336330e-04	1.109904e-03
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	1.406479e-07	4.787210e-07	7.504629e-07	5.628625e-06
## SPAC6B12.16	-1.136379e-06	6.125685e-06	1.034435e-05	-1.223735e-05
## SPNCRNA.827	1.154814e-06	1.485052e-05	2.929534e-06	-5.185805e-05
## SPAC32A11.04c	-1.929077e-04	1.393415e-03	-3.399181e-03	2.592540e-03
## SPAC32A11.01	-1.920368e-05	2.212344e-04	-1.694779e-04	-1.480488e-04
## SPAC32A11.03c	-5.567409e-05	6.250418e-04	-4.043053e-04	1.868787e-03
## SPAC19A8.15	-4.188991e-04	3.720496e-03	-3.978968e-03	4.232779e-03
## SPAC19A8.14	-5.389291e-05	6.155782e-04	-1.609441e-04	1.923586e-04
## SPAC19A8.16	-1.621400e-04	5.751093e-04	5.115615e-04	-8.930193e-03
## SPAC19A8.06	-3.533748e-05	3.730041e-04	-3.038186e-04	6.503168e-04
## SPAC23H3.02c	-5.530085e-05	4.762675e-04	-1.283668e-04	-1.619556e-04
## SPAC23H3.03c	-1.619592e-05	2.452757e-04	-6.770712e-05	4.694798e-04
## SPNCRNA.558	4.979331e-08	4.745608e-07	-7.612433e-07	2.838978e-07
## SPNCRNA.830	-1.210350e-06	1.731316e-05	-2.681468e-05	1.335814e-04
## SPAC23H3.07c	-3.060894e-05	6.027541e-04	-1.233288e-04	1.329041e-03
## SPAC23H3.09c	-4.208041e-04	3.723616e-03	-3.809002e-03	3.686172e-04
## SPATRNNACYS.02	-1.740448e-05	7.318609e-04	1.167366e-03	-4.079055e-04
## SPAC23H3.10	-4.668513e-05	6.454950e-04	-3.932759e-04	1.687346e-03
## SPAC23H3.11c	-1.769106e-05	1.133264e-04	-9.179563e-05	4.537558e-04
## SPAC23H3.12c	-7.460754e-06	6.037823e-05	-7.237881e-05	2.919443e-04
## SPAC23H3.14	-1.832303e-05	3.996030e-04	-4.590047e-04	1.375914e-03

## SPNCRNA.832	-2.287049e-06	4.303511e-05	-1.092187e-04	2.842262e-04
## SPAC25H1.02	-3.368930e-05	1.825002e-05	-1.970564e-05	-1.372306e-03
## SPAC25H1.03	-5.237877e-05	1.745732e-04	-4.768276e-05	-2.195815e-03
## SPAC25H1.10c	-3.329465e-05	4.047878e-04	-2.234175e-04	-7.013627e-05
## SPAC25H1.09	-4.538623e-06	3.566340e-05	4.306482e-05	-2.065326e-05
## SPAC4A8.02c	-8.127908e-05	5.307082e-04	2.094559e-05	-8.609250e-04
## SPAC4A8.03c	-1.905351e-05	3.468013e-04	-2.446260e-04	9.235954e-04
## SPNCRNA.834	-2.679222e-06	1.873850e-05	-3.563489e-05	-1.491922e-04
## SPNCRNA.835	-7.006040e-07	7.108361e-07	4.486850e-06	-1.167941e-05
## SPAC4A8.06c	-2.653939e-05	1.036049e-03	-6.286969e-04	5.470649e-03
## SPAC4A8.09c	-3.735775e-05	4.437041e-04	-3.902196e-04	-4.818386e-05
## SPAC4A8.11c	-1.892671e-03	8.454757e-03	-1.165766e-02	2.837888e-02
## SPAC4A8.13c	-2.133615e-04	2.176184e-03	7.106798e-05	5.400437e-05
## SPAC4A8.15c	-1.432958e-04	1.362185e-03	-4.486159e-04	3.850878e-03
## SPAC4A8.16c	-9.437228e-04	8.822637e-03	-8.755342e-03	2.224643e-02
## SPNCRNA.840	-1.382490e-05	7.924779e-05	-4.098163e-05	-4.187522e-04
## SPAC823.02	-5.704381e-05	9.060947e-04	-1.110665e-04	1.507143e-03
## SPAC823.04	5.298807e-06	2.117526e-04	-3.501535e-04	1.218287e-03
## SPAC823.05c	-3.485728e-05	4.374733e-04	-8.326196e-05	3.943072e-04
## SPAC823.06	-6.677149e-06	4.847563e-05	4.281347e-05	7.905522e-05
## SPAC823.08c	-7.096863e-06	2.064030e-04	-4.123618e-04	3.744967e-03
## SPAC823.09c	-2.036183e-05	2.905925e-04	-3.278029e-05	3.206339e-04
## SPAC823.10c	-9.037770e-07	1.134794e-04	-9.849519e-05	4.353606e-04
## SPAC823.15	-2.403093e-05	7.260317e-05	-6.875752e-05	5.245518e-04
## SPAC7D4.13c	-2.073380e-05	3.223755e-04	-7.242600e-05	7.508067e-04
## SPAC7D4.12c	-4.404967e-05	3.350542e-04	4.884301e-05	-8.369899e-04
## SPAC7D4.10	-2.564984e-05	1.487544e-04	-1.336630e-04	7.517553e-04
## SPNCRNA.842	-1.240802e-06	3.973307e-06	3.417056e-07	-8.855792e-06
## SPAC7D4.15c	-7.471994e-06	4.095022e-05	-2.367112e-05	2.164567e-04
## SPAC7D4.07c	-5.235917e-04	4.604943e-03	5.014512e-05	-1.471632e-02
## SPSNORNA.12	-3.105148e-04	3.994338e-03	2.648436e-03	8.421389e-03
## SPAC7D4.05	-1.556543e-05	2.653951e-04	4.211180e-05	4.648900e-04
## SPAC7D4.02c	5.018464e-06	8.011485e-05	-3.225776e-04	9.498499e-04
## SPAC4F8.13c	-5.687359e-05	8.861112e-04	-9.052730e-04	5.001107e-03
## SPAC4F8.11	-1.194631e-05	3.140207e-04	-2.996053e-04	1.692069e-03
## SPAC4F8.08	1.297414e-06	2.621917e-06	-1.079942e-05	2.351049e-05
## SPNCRNA.201	-4.894285e-07	3.377792e-06	3.514022e-06	-1.206329e-05
## SPAC4F8.06	-3.906715e-05	3.176496e-04	-1.771841e-05	-1.681193e-04
## SPAC4F8.05c	-1.334472e-05	2.090624e-04	-2.059547e-04	8.595461e-04
## SPAC4F8.04	-2.508014e-05	5.888898e-04	-6.533048e-04	3.451061e-03
## SPAC644.06c	-8.112802e-05	4.927443e-04	1.149544e-04	-5.269283e-04
## SPNCRNA.844	-4.371925e-06	8.300068e-05	-1.503865e-05	2.137846e-04
## SPATRNLAYS.04	-1.274209e-06	1.450655e-04	1.560136e-04	2.176181e-04
## SPAC644.07	-2.096818e-05	3.883438e-04	-1.409743e-04	7.515853e-04
## SPAC644.09	-2.249201e-05	4.717489e-04	-1.843508e-04	4.032817e-04
## SPAC644.10	-3.577751e-06	8.717374e-05	-7.410355e-05	4.747207e-04
## SPAC644.12	-3.826711e-05	6.593910e-04	-6.743941e-04	1.600658e-03
## SPAC644.13c	-2.661775e-05	5.318644e-04	-1.451753e-04	1.440250e-03
## SPAC644.17c	-2.359754e-05	2.653326e-04	-2.941859e-04	2.803602e-04
## SPNCRNA.198	-3.264547e-07	5.748127e-07	7.922702e-07	-1.158420e-06
## SPAC644.18c	-6.594074e-05	6.476219e-04	-4.656165e-04	7.677809e-04
## SPAPB2B4.01c	-7.805563e-06	1.002480e-04	9.295998e-06	-3.164761e-05
## SPSNORNA.54	-4.763922e-04	8.536493e-04	1.092288e-03	-2.061008e-03
## SPNCRNA.846	-3.055089e-06	2.215408e-05	-1.004139e-05	1.946848e-05

## SPAPB2B4.05	-5.356535e-05	5.047520e-04	-4.688664e-04	1.679196e-03
## SPAPB2B4.06	-2.443444e-05	1.607453e-04	4.839983e-06	9.047312e-05
## SPAPB2B4.07	-2.061253e-05	2.393827e-04	-1.290446e-04	8.461541e-04
## SPAC6F6.01	-7.329673e-05	7.961695e-04	-4.852033e-04	1.726408e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-2.201137e-07	2.081717e-06	7.159788e-06	-4.323521e-06
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-2.648607e-07	5.367225e-06	2.482509e-06	3.168366e-05
## SPAC6F6.05	-9.809736e-05	1.217849e-03	-2.602743e-04	1.644759e-03
## SPAC6F6.06c	-4.076295e-05	1.492258e-03	-6.282920e-04	7.922130e-03
## SPAC6F6.07c	-8.800346e-04	6.157918e-03	-3.974407e-03	7.393879e-03
## SPAC6F6.12	-7.695680e-05	6.799972e-04	-1.592572e-04	-2.007762e-03
## SPNCRNA.850	5.238055e-08	3.189437e-06	-3.919047e-06	-5.419667e-05
## SPNCRNA.851	-3.499456e-07	2.272716e-05	-4.683188e-05	1.348005e-04
## SPAC6F6.19	-1.102978e-07	4.424601e-05	-7.801397e-06	2.053005e-04
## SPAC6F6.15	-4.534250e-05	4.495821e-04	-1.594089e-04	9.387227e-05
## SPAC6F6.16c	-1.203207e-06	3.153915e-04	-3.381726e-04	2.028561e-03
## SPAC1805.01c	-5.143532e-05	8.052738e-04	-2.999183e-04	1.508474e-03
## SPAC1805.02c	-4.779062e-05	8.346110e-04	-7.847596e-04	2.476706e-03
## SPAC1805.06c	-1.189161e-04	1.418444e-03	-1.067558e-03	1.543290e-03
## SPNCRNA.853	-1.078470e-06	2.083516e-05	-1.403219e-05	-1.085774e-05
## SPAC1805.07c	-1.390821e-06	4.286067e-05	-4.477283e-05	2.738178e-04
## SPNCRNA.854	-4.708213e-06	5.287547e-05	2.377256e-05	2.737339e-04
## SPAC1805.08	-2.768263e-05	1.129884e-04	-2.509361e-06	3.723225e-04
## SPAC1805.18	-5.797142e-06	7.689510e-05	-7.794250e-05	4.097407e-04
## SPAC1805.09c	-3.412330e-06	4.115667e-05	-3.221093e-06	1.526136e-04
## SPAC1805.10	-8.030366e-06	2.325627e-04	-9.626703e-05	8.645106e-04
## SPAC1805.12c	-4.135367e-04	5.900968e-03	-5.560982e-03	1.838201e-02
## SPAC1805.13	-3.716894e-04	4.199343e-03	-1.526264e-03	1.335681e-02
## SPATRNALEU.02	1.316592e-05	6.669102e-04	7.256799e-04	7.537392e-04
## SPAC1B2.02c	-2.734114e-05	5.642884e-04	-4.877396e-04	2.178066e-03
## SPAC1B2.03c	-5.697244e-05	3.314803e-03	-5.235058e-03	3.376434e-02
## SPAC1B2.04	-6.157863e-05	6.407895e-04	-3.797679e-04	9.527334e-04
## SPAC1B2.05	-5.027395e-05	4.793392e-04	-2.466493e-04	9.963281e-04
## SPAC3F10.03	-1.832881e-04	1.624413e-03	-3.623661e-03	6.617310e-03
## SPAC3F10.04	-5.897775e-05	3.780005e-04	-4.347314e-04	1.588776e-03
## SPAC3F10.06c	-6.692314e-06	1.895776e-04	-2.284534e-04	1.249967e-03
## SPNCRNA.855	-8.136464e-07	5.008713e-06	-1.929284e-05	-5.226312e-06
## SPAC3F10.09	-3.996674e-05	7.620786e-04	-5.629542e-04	3.333198e-03
## SPAC3F10.11c	-2.400288e-04	2.947035e-03	-5.923319e-04	7.264853e-03
## SPATRNATHR.03	2.686992e-05	1.009043e-03	1.960107e-03	1.461390e-03
## SPAC3F10.15c	-2.667015e-05	2.970068e-04	6.608581e-05	1.238305e-03
## SPAC3F10.13	-6.953049e-05	3.221868e-04	-1.197607e-05	-1.063251e-03
## SPAC3F10.16c	-3.835917e-05	1.379916e-03	-1.389224e-03	9.086380e-03
## SPAC3F10.17	-4.503130e-05	6.984349e-04	-6.431658e-04	4.227531e-03
## SPAC3F10.18c	-2.223165e-04	6.772693e-03	-1.234487e-03	1.057695e-02
## SPAC8F11.03	-3.800803e-05	6.321226e-04	-4.779736e-04	1.101690e-03
## SPNCRNA.856	-1.046082e-06	1.665205e-05	-2.609692e-05	6.233360e-05
## SPAC8F11.04	-1.034188e-05	5.254106e-04	-1.073197e-03	4.981254e-03
## SPAC8F11.08c	-3.497093e-04	2.024918e-03	1.812270e-03	-3.102487e-04
## SPAC8F11.09c	-1.204792e-05	4.215759e-04	-4.310810e-04	1.985882e-03
## SPNCRNA.857	1.223430e-06	9.626820e-05	-3.486428e-04	9.944387e-04
## SPACUNK4.17	-2.320523e-03	2.593006e-03	7.238563e-03	-1.233555e-01
## SPACUNK4.19	-5.873809e-06	7.463560e-06	3.501029e-05	-3.509980e-04

## SPACUNK4.16c	-3.237617e-04	4.285353e-04	9.055116e-04	-9.450090e-03
## SPACUNK4.15	-2.680466e-04	1.155491e-03	8.750148e-04	-1.403720e-02
## SPACUNK4.14	-1.601265e-05	1.271146e-04	-1.039594e-04	5.022419e-05
## SPNCRNA.56	-8.291002e-07	5.032848e-06	1.119607e-05	7.539908e-05
## SPACUNK4.12c	-1.448770e-04	1.530610e-03	-5.571237e-04	2.312007e-03
## SPACUNK4.11c	-5.356207e-06	1.375724e-04	-1.598475e-04	3.269414e-04
## SPACUNK4.20	6.654844e-07	-1.426777e-06	7.663723e-06	1.307150e-04
## SPACUNK4.09	-5.852106e-06	7.743166e-05	-1.486779e-04	4.933574e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	-2.769820e-05	6.424211e-04	-4.879780e-04	2.324533e-03
## SPAPYUK71.03c	-2.510016e-04	2.519625e-03	-6.492259e-04	1.036532e-03
## SPNCRNA.209	7.055436e-07	1.092784e-05	-3.924495e-06	6.206504e-05
## SPAC513.04	-3.512727e-07	5.120207e-06	-1.111465e-07	-1.138197e-05
## SPAC513.06c	-8.264377e-05	6.950556e-04	5.126249e-04	-2.371728e-03
## SPAC513.07	-2.361252e-04	2.172637e-03	1.367122e-03	-9.299628e-03
## SPAC2E1P3.02c	-2.188961e-06	1.429358e-05	-2.996999e-05	6.926009e-05
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	1.023963e-07	-7.355537e-07	-1.876628e-06	2.198408e-06
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-4.662910e-05	4.240827e-04	-1.257353e-03	3.398620e-03
## SPNCRNA.861	-3.825509e-07	5.120990e-05	-6.391159e-05	1.249717e-04
## SPNCRNA.862	-1.256422e-05	1.799286e-04	-1.982559e-04	5.720999e-04
## SPNCRNA.863	3.827411e-06	1.355137e-04	-6.493604e-04	4.757058e-04
## SPAPB24D3.01	-3.113474e-05	2.144411e-04	-2.735635e-04	1.077936e-03
## SPAPB24D3.02c	-2.684167e-05	3.457137e-04	-6.489202e-05	7.396378e-04
## SPAPB24D3.03	-3.707803e-05	3.780839e-04	-2.955149e-04	7.945753e-04
## SPAPB24D3.04c	-2.319324e-05	1.539889e-04	1.213349e-05	-2.898131e-04
## SPAPB24D3.07c	-2.283809e-05	2.834931e-04	9.323368e-04	2.534417e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	-3.122622e-04	1.292408e-03	5.814201e-04	-9.935216e-03
## SPAPB24D3.10c	-1.607892e-05	4.724669e-05	6.882555e-05	2.599742e-04
## SPNCRNA.867	-7.421435e-06	9.180223e-05	-2.640437e-05	-2.385665e-04
## SPNCRNA.868	4.916316e-07	3.697365e-06	3.643623e-06	1.351599e-05
## SPNCRNA.869	-2.458868e-07	3.462398e-07	-1.354218e-06	-1.649434e-05
## SPAPB1A11.04c	-2.303186e-05	4.067605e-04	-5.533068e-04	1.696013e-03
## SPAC31G5.02	-6.062674e-05	8.728291e-04	3.414576e-05	1.904815e-03
## SPNCRNA.870	2.345654e-07	-6.960191e-07	-5.075861e-07	-7.896063e-06
## SPAC31G5.04	-1.175728e-04	1.299763e-03	-2.098928e-03	2.333277e-03
## SPAC31G5.06	-4.364134e-06	6.467333e-06	-1.691026e-06	-1.016178e-04
## SPNCRNA.871	-6.135626e-07	1.081596e-05	-1.892177e-05	3.051849e-05
## SPAC31G5.08	-3.214341e-05	7.232707e-04	-4.472931e-04	3.101983e-03
## SPNCRNA.71	-8.755076e-07	1.243302e-05	-9.414812e-07	-3.882270e-06
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	-1.071717e-05	1.584991e-04	-1.878830e-04	4.345771e-05
## SPAC31G5.11	-1.321957e-04	1.853109e-03	-1.881869e-04	6.967441e-03
## SPAC31G5.21	-2.348376e-05	1.321758e-04	-8.020718e-06	-4.225384e-04
## SPNCRNA.874	-9.647510e-07	9.257580e-06	-7.345184e-06	9.017763e-06
## SPAC31G5.14	-5.750215e-05	1.203105e-03	-2.430115e-04	2.258310e-03
## SPAC31G5.16c	-9.659874e-05	5.563483e-04	-7.668274e-04	1.448758e-03
## SPAC31G5.18c	-5.139464e-05	3.401443e-04	-4.760100e-05	-1.259563e-03
## SPAC31G5.19	-7.517990e-05	3.792503e-04	-2.096376e-04	2.391188e-03
## SPNCRNA.876	-6.057383e-07	9.177814e-06	-1.165876e-05	7.594206e-05
## SPNCRNA.877	-2.075598e-07	1.059996e-05	-2.618016e-05	2.664525e-05
## SPAC1786.02	-4.015922e-05	1.945398e-04	-1.181777e-03	9.903209e-03

## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	-2.673423e-05	1.961432e-04	-1.846037e-04	1.203025e-03
## SPAC24C9.02c	-3.359750e-05	3.215361e-04	-1.648140e-04	1.082179e-04
## SPAC24C9.04	-2.263663e-05	5.307368e-04	-2.294509e-04	1.417637e-03
## SPAC24C9.05c	-2.618251e-05	7.500589e-04	-4.346397e-04	3.804107e-03
## SPAC24C9.07c	-1.806198e-05	1.305299e-04	-2.153012e-04	7.931167e-04
## SPNCRNA.881	-6.187742e-07	1.712814e-05	-2.294074e-05	4.072133e-05
## SPNCRNA.882	-2.508618e-07	1.300658e-06	-3.354451e-06	-1.117908e-05
## SPAC24C9.08	-1.336399e-04	1.320937e-03	-6.789737e-04	-1.747359e-03
## SPAC24C9.10c	-3.286199e-05	3.186064e-04	-8.922568e-05	3.791201e-04
## SPAC24C9.11	-1.014540e-05	8.049595e-04	-7.156405e-04	5.277660e-03
## SPAC24C9.12c	-3.902632e-04	1.216829e-03	-2.665122e-03	1.002648e-02
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	-1.109825e-05	4.292415e-04	-2.605889e-04	8.470161e-04
## SPNCRNA.884	-3.297278e-07	1.528984e-06	-1.401455e-06	9.655501e-06
## SPATRNLAYS.05	7.774725e-07	7.248284e-05	8.390290e-05	5.006606e-05
## SPAC16A10.05c	-1.490000e-05	1.922257e-04	-5.091407e-05	-1.269663e-04
## SPAC16A10.06c	-8.326962e-06	8.448021e-05	2.471308e-06	1.604087e-04
## SPAC16A10.07c	-5.610422e-05	6.748496e-04	-6.089949e-04	8.688649e-04
## SPNCRNA.885	1.409090e-06	9.052191e-05	-5.588573e-05	5.024710e-04
## SPAC16A10.08c	-4.210778e-06	7.812026e-05	-7.113973e-05	1.036944e-04
## SPAC589.03c	-6.873179e-06	1.461366e-04	-1.306708e-05	1.973819e-04
## SPAC589.06c	-2.199107e-04	1.613644e-03	-1.080030e-03	1.827839e-03
## SPAC589.08c	-8.599706e-06	4.954612e-05	-3.991416e-05	-4.132496e-05
## SPAC589.11	4.868627e-07	2.481766e-05	-2.249459e-05	1.808420e-04
## SPAC688.02c	-6.189563e-06	7.820838e-05	-1.067213e-04	4.110879e-04
## SPAC688.06c	-5.479296e-06	1.564762e-05	-5.129060e-05	8.524087e-05
## SPAC688.07c	-6.384263e-05	8.901068e-04	-7.739374e-04	1.413763e-03
## SPAC688.08	-4.602527e-05	5.549992e-04	-3.498651e-04	1.548830e-03
## SPAC688.09	-2.714235e-05	4.091481e-04	-4.389120e-04	1.487320e-03
## SPNCRNA.888	-2.996377e-06	5.083971e-05	-8.981465e-05	-1.163294e-04
## SPNCRNA.889	-2.067901e-06	3.616392e-05	-6.372307e-05	1.434545e-04
## SPAC688.13	-2.534783e-05	1.516290e-04	-3.811108e-06	-1.289506e-03
## SPNCRNA.890	3.888499e-07	2.499726e-05	-4.501209e-05	3.435086e-05
## SPAC688.14	-1.316362e-05	3.190145e-04	-3.107168e-04	1.294260e-03
## SPAC688.16	-3.495187e-05	3.353597e-04	-1.277102e-04	-8.893190e-05
## SPNCRNA.891	-1.705848e-06	2.297197e-05	-2.385145e-05	5.365191e-05
## SPAC3G9.15c	-1.334639e-05	5.079235e-05	-2.629976e-04	3.278313e-04
## SPNCRNA.216	1.361636e-07	1.123834e-07	-2.423500e-07	-4.932749e-08
## SPAC3G9.13c	3.442244e-06	2.633798e-04	-1.631646e-04	1.515178e-03
## SPNCRNA.217	-1.692941e-07	1.817557e-06	-9.435273e-06	2.880474e-06
## SPAC3G9.11c	-7.449961e-07	7.853479e-06	-1.667805e-05	1.577753e-05
## SPAC3G9.17	-2.029841e-06	5.324369e-05	-1.105615e-04	2.713837e-04
## SPATRNLATHR.04	1.192402e-04	2.686646e-03	9.172152e-03	3.042023e-03
## SPNCRNA.218	-2.153906e-06	3.636691e-05	-2.469180e-05	1.709074e-04
## SPNCRNA.892	-8.579651e-08	8.976369e-06	4.100922e-05	4.799354e-05
## SPAC3G9.09c	-4.110170e-04	3.533286e-03	-3.890310e-03	2.603514e-03
## SPAC3G9.07c	-5.804165e-06	3.530009e-04	-7.431975e-05	1.269153e-03
## SPAC3G9.06	-1.914454e-04	1.999076e-03	-2.513317e-03	3.460177e-03
## SPAC3G9.03	-7.588808e-04	8.787943e-03	-3.234284e-03	3.212359e-02
## SPAC3G9.01	-1.938822e-06	4.539934e-06	-3.220182e-05	4.113287e-04
## SPAC1486.01	-2.100694e-04	2.095247e-03	1.680787e-03	-2.233642e-03
## SPAC1486.05	-2.347837e-04	5.955587e-03	-2.680508e-03	2.882066e-02
## SPNCRNA.894	-1.500260e-06	1.998790e-05	-1.234168e-05	1.072690e-04

## SPAC1486.11	-4.773467e-06	3.540448e-05	-1.394023e-05	7.266178e-05
## SPAC1486.07c	-1.565800e-05	1.643778e-04	-2.482124e-04	4.515943e-04
## SPAC1486.08	-1.496191e-05	2.871818e-04	-2.709161e-04	7.350218e-04
## SPAC1486.10	-1.993152e-05	6.096737e-04	-1.032818e-03	4.663180e-03
## SPAC6G10.02c	-1.391434e-05	1.179396e-03	-1.081505e-03	7.269865e-03
## SPAC6G10.03c	-7.407219e-05	4.479932e-04	1.305302e-04	-1.537435e-03
## SPAC6G10.04c	-2.852871e-04	2.551655e-03	-5.107193e-04	-2.225091e-03
## SPAC6G10.05c	-3.272114e-05	1.182831e-03	-8.774580e-04	6.367945e-03
## SPNCRNA.896	-4.844944e-06	7.244495e-05	-9.961656e-05	2.896352e-04
## SPAC6G10.07	-3.991708e-05	9.450730e-04	-8.977100e-04	4.613630e-03
## SPAC6G10.08	-1.513905e-04	2.218909e-03	-8.718299e-04	5.956893e-03
## SPAC6G10.09	-2.027745e-04	2.040790e-03	-2.470738e-03	9.146080e-03
## SPAC6G10.10c	-4.019142e-06	6.964714e-05	-6.893934e-05	2.187338e-04
## SPAC6G9.02c	-3.086361e-05	1.306886e-03	-1.225917e-03	9.550754e-03
## SPAC6G9.03c	-2.006099e-05	2.438921e-04	-1.916114e-04	4.573693e-04
## SPAC6G9.09c	-3.702246e-04	4.132054e-03	-4.397058e-03	1.444255e-02
## SPAC6G9.12	-4.301926e-05	5.073306e-04	-6.719502e-04	1.136936e-03
## SPNCRNA.899	-1.908240e-06	7.060681e-06	-4.012148e-06	-1.811342e-05
## SPAC6G9.15c	-4.124971e-06	1.969247e-04	-2.380790e-04	1.349016e-03
## SPAPB1E7.01c	-2.500463e-07	1.322147e-04	-3.015548e-04	5.327867e-04
## SPAC652.01	-1.604344e-05	1.655800e-04	1.288266e-05	4.454619e-04
## SPAPB1E7.03	-1.102167e-05	1.807815e-04	-1.599299e-05	1.572978e-03
## SPAPB1E7.04c	2.692223e-05	7.402585e-04	-1.833297e-03	2.129213e-02
## SPAPB1E7.06c	-9.472356e-06	1.892925e-05	-1.159033e-04	5.510896e-04
## SPNCRNA.900	-6.458892e-07	1.042528e-05	-2.501232e-05	-3.043805e-05
## SPAPB1E7.07	-8.331157e-04	7.819855e-03	-1.372849e-02	3.212328e-02
## SPNCRNA.901	6.954477e-07	4.641185e-06	8.914431e-06	1.571429e-05
## SPSNORNA.43	-1.505537e-08	2.050843e-07	3.216657e-07	-5.073158e-08
## SPAPB1E7.10	-3.712523e-06	3.678409e-05	-4.572629e-05	3.064262e-04
## SPAC2E1P5.01c	-3.563875e-05	7.591676e-04	-4.571143e-04	2.667185e-03
## SPAC2E1P5.03	-3.166749e-05	7.974761e-04	-1.011101e-03	3.764256e-03
## SPAC2E1P5.05	-1.704176e-05	1.131824e-03	-1.171019e-03	9.054962e-03
## SPAC26A3.02	-1.106949e-05	4.991609e-04	-1.013237e-04	1.728220e-03
## SPAC26A3.05	-1.238202e-03	1.064064e-02	-6.017670e-03	2.190049e-02
## SPAC26A3.08	-5.420858e-05	5.608038e-04	-2.522113e-04	1.727419e-03
## SPAC26A3.09c	-6.632159e-06	2.079872e-04	-3.201718e-04	2.002857e-03
## SPAC26A3.10	-7.184657e-05	1.588108e-03	-5.657868e-04	4.814774e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	-2.913660e-05	2.553688e-04	-1.462301e-04	2.919491e-03
## SPAC8E11.12	-2.523670e-07	6.821432e-07	-1.224693e-06	7.790934e-06
## SPNCRNA.903	6.035999e-07	1.476876e-05	-5.613326e-06	2.321835e-05
## SPAC8E11.08c	-5.318510e-07	1.369516e-05	-7.097811e-06	7.725276e-05
## SPAC8E11.06	2.124003e-07	6.148988e-06	-9.648003e-06	2.262588e-05
## SPAC8E11.04c	-2.268444e-05	3.893612e-04	-2.548297e-04	4.953140e-04
## SPNCRNA.904	-1.203166e-05	5.082442e-05	3.374647e-05	-1.571204e-04
## SPAC8E11.03c	-6.683797e-07	2.290521e-06	1.311397e-05	1.593486e-05
## SPAC8E11.02c	-4.063773e-04	1.453697e-03	-1.111388e-03	4.567073e-03
## SPAC959.02	-9.721456e-05	5.796028e-04	-5.750578e-04	2.217604e-04
## SPAC959.03c	-2.559117e-05	4.579421e-04	-9.778358e-04	3.198544e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-3.153339e-06	3.499880e-05	-4.993228e-06	-6.445242e-05
## SPAC959.05c	-1.014059e-05	1.465108e-04	-1.070921e-04	5.654100e-04
## SPAC959.07	-6.458213e-04	4.959018e-03	-3.555606e-03	2.281085e-02
## SPAC959.09c	-1.611636e-05	2.050247e-04	-1.208108e-04	5.020500e-04

## SPAP32A8.02	-1.359657e-04	7.645654e-04	3.103549e-04	-5.231642e-03
## SPAP32A8.03c	-7.216084e-06	7.342810e-05	-9.740995e-05	1.372456e-03
## SPAC3H5.10	-1.403905e-03	1.446072e-02	-5.678143e-03	1.535906e-02
## SPAC3H5.08c	-4.822145e-05	3.600142e-04	-1.423622e-04	7.704585e-04
## SPAC3H5.06c	-1.915062e-05	3.333760e-04	-7.245151e-04	4.582826e-03
## SPAC3A11.13	-8.253590e-06	1.414234e-04	-1.025821e-04	3.979559e-04
## SPAC3A11.12c	-2.294910e-04	1.683154e-03	-6.602359e-05	-2.395757e-03
## SPAC3A11.10c	-1.100047e-04	8.181716e-04	2.424490e-04	-3.528596e-03
## SPAC3A11.09	-1.005061e-04	8.129325e-04	-2.147987e-04	-4.066421e-04
## SPNCRNA.909	-1.497482e-05	6.383531e-05	-6.163961e-05	-5.357450e-04
## SPNCRNA.910	-5.290363e-06	-2.787386e-07	2.782917e-05	-3.025833e-05
## SPAC3A11.05c	-9.568119e-06	2.802949e-05	-1.002474e-04	-1.549824e-04
## SPAC3A11.04	-2.429332e-06	7.348323e-06	-8.837195e-05	1.318583e-04
## SPAC3A11.03	-1.182505e-05	1.264891e-04	-1.134989e-04	9.149355e-04
## SPAC3A11.02	-4.247521e-05	5.078289e-04	-2.724451e-04	1.213063e-03
## SPAC328.04	-1.086353e-04	3.547894e-04	2.405454e-04	-3.843309e-03
## SPAC328.05	-1.787124e-05	1.382714e-04	-1.726009e-04	5.073874e-04
## SPAC328.06	-1.698793e-04	1.495696e-03	-8.550479e-04	-3.189745e-04
## SPAC328.08c	-6.665185e-06	5.039171e-05	-1.605817e-05	2.073129e-04
## SPAC328.10c	-6.335172e-04	7.377397e-03	-2.452640e-03	1.274734e-02
## SPNCRNA.222	-1.649909e-07	1.057618e-06	4.356434e-06	6.251142e-06
## SPAC16E8.02	-7.873439e-06	1.152643e-04	-9.083155e-06	5.854281e-05
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	-9.293516e-07	1.599753e-05	-1.158208e-06	-5.814705e-05
## SPAC16E8.06c	-4.308857e-05	8.586428e-04	-1.076513e-03	5.250414e-03
## SPAC16E8.07c	-2.871702e-04	3.145610e-03	-1.052633e-03	4.229806e-03
## SPAC16E8.09	-3.698819e-05	2.922641e-04	-1.037470e-04	9.007889e-04
## SPAC16E8.13	-4.029943e-05	1.851525e-04	9.551196e-05	-7.684199e-04
## SPAC16E8.15	-1.535047e-04	1.616383e-03	-1.496359e-03	4.996161e-03
## SPAC16E8.18c	-5.763513e-06	1.132581e-04	-1.056003e-04	2.772173e-04
## SPAC1B1.01	-2.390698e-05	2.812177e-05	-5.030533e-06	7.069768e-04
## SPNCRNA.915	1.045711e-07	4.012996e-06	5.099442e-06	3.220037e-05
## SPAC17A2.01	-1.099295e-06	1.124751e-04	-3.391886e-04	8.053938e-04
## SPAC17A2.02c	-1.200017e-04	8.402608e-04	-1.961501e-03	2.674760e-03
## SPAC17A2.04c	-4.760200e-05	5.007260e-04	-1.514527e-04	9.901904e-04
## SPNCRNA.124	8.328502e-08	3.337339e-07	-2.477603e-08	3.732783e-06
## SPATRNNATRP.01	1.730413e-06	3.472460e-05	7.111757e-05	9.190632e-05
## SPAC17A2.05	-5.187955e-05	5.294847e-04	-2.713435e-04	1.502148e-03
## SPAC17A2.06c	-4.785121e-05	6.577790e-04	-3.969962e-04	1.552367e-03
## SPAC17A2.07c	-6.324345e-06	5.595552e-05	-2.461994e-05	2.392555e-04
## SPAC17A2.08c	-1.226113e-05	7.501673e-05	-9.986762e-05	3.385199e-04
## SPAC17A2.09c	-1.083712e-04	4.646510e-04	2.038566e-04	1.194162e-03
## SPAC17A2.10c	-2.448166e-06	1.773477e-06	-7.147759e-06	7.768877e-05
## SPAC17A2.11	-7.165310e-07	-1.430885e-06	2.148488e-06	3.518049e-05
## SPNCRNA.920	-9.184702e-06	4.737287e-05	9.911238e-06	9.747511e-07
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	-2.823890e-05	2.462730e-04	-5.426293e-05	-8.063824e-04
## SPATRNNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	-9.962021e-05	7.791237e-04	-2.812834e-04	2.350761e-03
## SPAC17G6.05c	-4.951634e-05	4.737985e-04	-1.791914e-04	1.331247e-03
## SPAC17G6.06	-1.094031e-03	1.243311e-02	3.385856e-03	9.553045e-03
## SPAC17G6.08	-1.432972e-05	2.903655e-04	-1.807171e-04	6.461264e-04
## SPAC17G6.10	-5.008003e-05	6.560563e-04	-3.070610e-04	1.415360e-03

## SPAC17G6.11c	-1.670435e-04	1.704976e-03	-1.602342e-04	3.834001e-03
## SPNCRNA.921	-6.727536e-09	2.268015e-06	-2.740278e-06	2.240246e-06
## SPAC17G6.13	-1.792016e-04	1.288731e-03	7.679533e-04	-4.705469e-03
## SPAC17G6.14c	-4.316092e-04	4.093340e-03	-3.352722e-03	4.217335e-03
## SPAC17G6.15c	-2.747122e-05	1.115970e-04	-1.054598e-04	1.487297e-03
## SPAC17G6.16c	-1.195842e-04	1.357684e-03	-4.588648e-04	1.350679e-03
## SPAC17G6.17	-9.941378e-06	3.043708e-04	-1.789371e-04	1.266995e-03
## SPAC1142.01	-7.599898e-05	8.758934e-04	6.390579e-05	1.548222e-03
## SPAC1142.02c	-1.426092e-04	1.547971e-03	-8.979084e-04	-2.350813e-04
## SPAC1142.04	-7.097333e-05	1.330341e-03	-2.337472e-03	1.040719e-02
## SPNCRNA.923	-5.228159e-07	2.849913e-06	1.828244e-05	4.497070e-05
## SPAC1142.05	-1.721190e-05	6.368811e-04	-1.788487e-03	3.597393e-03
## SPAC1142.06	-5.693332e-05	8.438710e-04	-1.107717e-03	1.896912e-03
## SPAC1142.07c	-4.365501e-05	5.193024e-04	-2.675012e-04	5.923328e-05
## SPAC1142.08	-1.836862e-05	7.556580e-05	-6.175899e-05	3.918421e-04
## SPAC1142.09	-1.752220e-07	-6.822678e-07	4.273356e-06	5.379983e-06
## SPNCRNA.925	-6.092376e-06	4.939211e-05	-5.273767e-05	-4.904221e-05
## SPAC8C9.04	-2.080629e-04	5.727470e-04	6.510852e-04	8.354124e-04
## SPAC8C9.07	-2.831398e-05	5.092778e-04	-3.456408e-04	9.031887e-04
## SPAC8C9.08	-8.525123e-04	8.461123e-03	-6.043122e-03	2.104791e-02
## SPAC8C9.09c	-8.015869e-06	1.287331e-04	3.092440e-05	4.081958e-04
## SPAC8C9.11	-1.024456e-05	1.052476e-04	-1.081963e-04	4.639848e-04
## SPNCRNA.228	-3.867981e-06	7.161518e-05	-7.418767e-05	1.421780e-04
## SPAC8C9.19	-8.894800e-07	1.700468e-05	-4.354754e-06	1.107145e-04
## SPAC8C9.12c	-1.079943e-05	2.292598e-04	-5.211386e-04	2.283313e-03
## SPAC8C9.14	-1.471228e-04	1.326314e-03	-3.203389e-04	1.176591e-03
## SPAC8C9.15c	-7.263012e-05	1.538995e-03	-1.455807e-03	6.834061e-03
## SPNCRNA.926	-4.959450e-06	8.094393e-05	4.345144e-05	2.647043e-04
## SPAC15A10.17	-7.972521e-06	1.864342e-05	-2.059370e-06	5.793896e-05
## SPAC15A10.06	-1.869800e-05	2.424655e-04	-2.542376e-04	8.830994e-04
## SPNCRNA.927	2.168314e-07	1.178457e-06	1.346153e-05	4.616013e-06
## SPAC15A10.08	-3.846968e-05	5.065600e-04	-3.048139e-04	1.672920e-03
## SPAC15A10.09c	-2.050979e-05	3.555016e-04	2.051872e-05	1.097813e-03
## SPNCRNA.928	-1.887441e-06	2.396863e-05	-1.773758e-05	6.518747e-05
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	2.429538e-05	1.268663e-03	2.016204e-03	2.073093e-03
## SPAC15A10.11	-1.902913e-04	7.319156e-04	-1.552825e-03	6.137507e-03
## SPAC15A10.12c	-1.724852e-05	3.082306e-04	-1.390108e-04	7.258007e-04
## SPAC15A10.13	9.997086e-06	2.573423e-04	-4.713825e-04	2.125420e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-6.535032e-06	5.364726e-05	-2.785833e-05	1.982009e-04
## SPAC15E1.03	-7.804026e-04	9.854586e-03	-5.015098e-03	2.573323e-02
## SPAC15E1.05c	-3.230140e-05	3.591016e-04	-1.952713e-04	1.351550e-03
## SPAC15E1.09	-1.649330e-05	2.634229e-04	-2.064224e-04	5.731199e-04
## SPAC15E1.10	-2.829659e-05	1.363295e-04	9.691896e-05	-8.319147e-04
## SPNCRNA.932	-6.749685e-08	7.929378e-06	9.241538e-07	-5.154768e-05
## SPAP7G5.02c	-3.020479e-04	3.403207e-03	-6.760034e-03	1.589678e-02
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	-2.520657e-04	1.841642e-03	-1.050523e-03	3.057000e-03
## SPNCRNA.934	-2.510242e-05	2.246230e-04	-1.831571e-04	4.054579e-04
## SPNCRNA.935	-2.081285e-05	1.249303e-04	-3.809726e-05	-1.204535e-03
## SPNCRNA.84	-6.921795e-08	7.216942e-07	1.020214e-06	-3.596990e-06
## SPNCRNA.230	6.952179e-08	9.830856e-07	1.399129e-07	-1.960104e-06
## SPNCRNA.231	-2.790466e-07	-8.952932e-07	-1.258481e-06	-3.445548e-06

## SPNCRNA.232	4.957270e-08	3.526994e-07	-2.264967e-07	3.071785e-06
## SPATRNAILE.03	2.468464e-07	2.108017e-05	7.185791e-05	4.052656e-05
## SPNCRNA.233	1.542457e-08	4.697808e-08	-7.286044e-07	6.840339e-07
## SPATRNAGLU.04	-7.261308e-05	2.442124e-03	5.601378e-03	4.801950e-05
## SPATRNAALA.05	-3.634469e-06	7.084971e-05	4.856386e-05	-9.298322e-06
## SPNCRNA.234	-1.637184e-07	2.318234e-06	3.820126e-06	-4.044211e-07
## SPAC1556.01c	-3.240314e-05	4.090802e-04	-5.441857e-04	9.751228e-04
## SPAC1556.03	-6.481318e-05	6.594025e-04	-1.664934e-04	1.057280e-03
## SPAC1556.04c	-1.041030e-05	1.181922e-04	2.879795e-05	6.342326e-05
## SPAC1556.05c	-5.165636e-06	8.184570e-05	-8.090813e-05	4.435485e-04
## SPAC1F12.02c	-2.650186e-03	2.819662e-02	-7.069798e-05	1.786241e-02
## SPAC1F12.03c	-4.744112e-06	1.016198e-04	-1.628141e-04	4.014983e-04
## SPAC1F12.04c	-1.641811e-05	3.045405e-04	-2.355177e-04	1.225578e-03
## SPAC1F12.05	-2.014204e-05	2.165179e-04	-1.475186e-04	1.144660e-03
## SPAC1F12.07	-8.361125e-05	2.678986e-04	-1.082465e-03	8.396891e-04
## SPNCRNA.937	-5.608123e-07	5.615197e-05	-1.677858e-06	2.052132e-04
## SPAC4H3.01	-4.985681e-05	7.570631e-04	-9.986269e-04	2.116263e-03
## SPAC4H3.03c	-1.852326e-04	8.388533e-04	1.117725e-03	-1.067466e-02
## SPAC4H3.06	-8.084337e-06	1.689083e-04	-2.650695e-04	8.059313e-04
## SPAC4H3.09	-1.462364e-05	1.839439e-04	-1.618617e-04	5.943893e-04
## SPNCRNA.941	2.159986e-07	1.248835e-06	-4.283247e-06	-2.095969e-06
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-4.417380e-07	-1.467578e-06	-2.306948e-06	-7.232750e-06
## SPNCRNA.942	-1.176225e-05	2.612177e-04	1.853964e-04	4.050253e-04
## SPAC4H3.12c	2.095043e-06	2.380774e-05	-2.275347e-05	9.714295e-05
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	-8.322465e-05	1.215752e-03	-6.768774e-04	3.600161e-03
## SPAC1071.02	-7.626935e-05	1.147662e-03	-6.231810e-04	3.358912e-03
## SPAC1071.03c	-4.119317e-05	4.040746e-04	-2.364818e-04	1.323655e-03
## SPNCRNA.237	-4.668764e-07	4.620883e-06	-1.578388e-06	-3.220945e-05
## SPNCRNA.943	2.220109e-06	1.266061e-05	-3.515540e-05	1.465527e-04
## SPAC1071.05	-2.057508e-05	6.332330e-04	-8.238886e-04	3.174562e-03
## SPAC1071.06	-2.749246e-05	2.711717e-04	-2.605472e-04	1.293395e-03
## SPAC1071.08	-2.025953e-04	1.333946e-03	-1.878790e-03	6.664607e-03
## SPAC1071.10c	-1.887104e-03	-1.227989e-03	-2.533306e-02	1.547825e-01
## SPNCRNA.93	-1.427955e-07	1.991727e-06	1.207971e-06	7.124626e-06
## SPAC1071.13	-8.620890e-06	6.569940e-05	-3.109406e-05	1.917345e-04
## SPNCRNA.945	-9.988459e-08	4.599756e-06	-3.962268e-05	5.742117e-05
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	-2.982764e-05	3.932493e-04	-4.762083e-04	5.195364e-04
## SPAC926.02	-7.394019e-06	1.974914e-04	-8.384036e-05	6.943124e-04
## SPNCRNA.946	-6.595003e-06	1.415638e-04	-1.164199e-04	6.470447e-04
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	-7.607980e-06	4.720722e-05	-1.328659e-04	2.966917e-04
## SPAC926.04c	-2.957097e-03	2.926642e-02	-4.283278e-02	4.935143e-02
## SPRRNA.18	-2.935268e-04	4.203279e-03	3.798335e-03	-1.839623e-03
## SPAC926.05c	-6.800076e-06	1.769201e-04	-1.488537e-04	7.029166e-04
## SPAC926.09c	-2.773612e-03	1.591285e-02	-2.544829e-02	3.742155e-02
## SPAC323.01c	-1.503926e-05	2.930021e-04	-1.649330e-04	1.551340e-03
## SPNCRNA.948	1.146553e-06	7.637902e-06	-4.276760e-06	4.616055e-05
## SPAC323.06c	-2.379684e-05	1.934875e-04	7.098122e-05	1.002886e-04
## SPAC323.07c	-8.311155e-06	5.582215e-04	-4.316408e-04	2.492277e-03
## SPAC2F3.02	-3.764367e-05	4.445172e-04	-1.322051e-04	6.984708e-04
## SPAC2F3.03c	-6.007713e-05	9.416498e-04	-1.374452e-03	5.511802e-03

## SPAC2F3.04c	-3.318784e-05	3.979677e-04	-2.859712e-04	1.121273e-03
## SPAC2F3.05c	-1.652064e-04	7.385813e-04	1.056311e-03	-9.107198e-03
## SPAC2F3.06c	-1.684125e-04	1.931877e-03	-1.592976e-03	6.646125e-03
## SPAC2F3.08	-8.223231e-05	2.078215e-04	-7.979476e-05	-3.792030e-03
## SPNCRNA.949	-1.245914e-05	1.299470e-04	-1.845009e-04	5.178937e-04
## SPNCRNA.950	-1.879027e-07	-2.097647e-07	-2.534393e-06	-2.471146e-06
## SPAC2F3.18c	-3.864682e-05	7.190212e-04	-4.631008e-04	2.528185e-03
## SPAC2F3.11	-6.607309e-05	8.502207e-04	-2.142285e-04	8.779446e-04
## SPNCRNA.240	-2.718945e-07	2.996431e-06	-2.502051e-06	2.372594e-05
## SPAC11G7.01	-7.973127e-05	5.662541e-04	-6.873140e-05	1.692019e-03
## SPAC11G7.02	-1.429453e-04	7.772207e-04	-6.975091e-04	1.718905e-03
## SPAC11G7.03	-1.427346e-04	1.586543e-03	4.827343e-04	-3.956913e-04
## SPAC11G7.04	-2.478714e-04	1.108312e-03	-1.288420e-03	6.418360e-03
## SPAPB18E9.01	-5.324528e-05	7.551234e-04	-8.869627e-05	1.949541e-03
## SPAPB18E9.05c	-6.560304e-06	1.410568e-04	-5.686084e-04	4.437371e-03
## SPAPB15E9.01c	-2.263344e-04	-1.185862e-03	-2.103372e-03	4.825415e-02
## SPAPB15E9.02c	-2.450005e-06	4.542250e-05	-4.931719e-05	4.315195e-04
## SPAC27E2.02	-5.088072e-06	1.622566e-04	-1.719795e-04	1.063690e-03
## SPNCRNA.53	2.077269e-08	-5.921175e-08	3.977677e-08	1.668823e-08
## SPAC27E2.14	5.949474e-07	7.166059e-05	-6.244050e-05	3.374564e-04
## SPAC27E2.05	-3.926827e-05	2.665975e-04	-8.636711e-05	1.019008e-03
## SPAC27E2.09	-1.121486e-04	9.952580e-04	-9.626617e-04	4.338600e-03
## SPAC27E2.10c	-1.253900e-05	3.188181e-04	-2.803175e-04	1.601348e-03
## SPAPJ698.03c	-4.561228e-05	1.092920e-03	-8.977096e-04	5.417679e-03
## SPAC19G12.02c	-1.792588e-05	2.331933e-04	-4.164438e-04	6.983137e-04
## SPAC19G12.04	-5.173281e-06	8.382872e-05	1.353012e-05	1.740487e-04
## SPAC19G12.06c	-2.170975e-04	1.277575e-03	-1.228967e-03	1.745910e-03
## SPAC19G12.07c	-1.438200e-05	2.989943e-04	-2.427719e-04	2.027796e-03
## SPAC19G12.08	-5.702476e-05	1.323769e-04	-4.764053e-04	4.095496e-03
## SPATRNALEU.04	2.237012e-04	6.147684e-03	1.582162e-02	1.559802e-02
## SPAC19G12.09	-2.389283e-04	1.181481e-03	1.328895e-03	-1.175041e-02
## SPAC19G12.13c	-1.108475e-05	2.315569e-04	-1.803820e-04	1.053142e-03
## SPAC19G12.14	-7.075616e-06	1.146410e-04	-1.313178e-04	1.494142e-03
## SPAC23A1.07	-1.144242e-06	1.834388e-04	-1.130957e-04	9.013708e-04
## SPAC23A1.08c	-8.740279e-04	1.022490e-02	-3.260829e-03	1.949364e-02
## SPAC23A1.10	-2.189443e-03	9.698842e-03	-1.418663e-03	1.580067e-02
## SPAC23A1.15c	-3.844399e-05	3.492698e-04	-1.763207e-04	-1.079944e-03
## SPAC23A1.16c	-8.505363e-06	5.210813e-05	3.399671e-06	1.387936e-04
## SPNCRNA.341	1.014964e-07	5.304829e-07	-2.541651e-06	-2.377454e-06
## SPAC26H5.04	-7.383297e-05	4.275217e-04	-1.090370e-04	-2.718248e-03
## SPNCRNA.961	-2.433026e-06	4.369171e-05	-3.414840e-05	6.858212e-05
## SPAC26H5.07c	-8.471565e-05	1.097926e-03	-8.849987e-04	4.424493e-03
## SPAC26H5.08c	-1.624598e-04	5.578455e-04	9.792506e-04	-3.382377e-03
## SPNCRNA.962	1.564457e-08	1.594796e-07	1.467924e-07	4.741273e-07
## SPNCRNA.306	6.692638e-08	9.807899e-07	5.442786e-07	2.008559e-06
## SPAC26H5.09c	-1.909703e-04	5.880445e-04	2.279615e-04	-5.366033e-03
## SPAC26H5.10c	-1.778779e-03	2.106196e-02	-5.201089e-03	4.521699e-02
## SPNCRNA.964	-1.633578e-06	1.356873e-05	-2.880065e-05	3.396810e-05
## SPNCRNA.965	-1.614718e-08	2.137998e-05	-4.048472e-05	2.888895e-04
## SPNCRNA.242	-3.346405e-03	3.325688e-02	7.831776e-02	2.047464e-02
## SPSNORNA.13	-2.911042e-03	2.102142e-02	3.363283e-02	2.343580e-02
## SPAC25B8.02	-5.831136e-06	1.063989e-04	-1.672720e-04	2.942028e-04
## SPAC25B8.03	-5.822972e-05	4.600851e-04	5.342349e-05	6.834126e-04
## SPAC25B8.04c	-1.158508e-05	1.548619e-05	2.953345e-05	3.506851e-04

## SPAC25B8.05	-3.882795e-08	1.243620e-04	-2.356404e-04	1.241789e-03
## SPAC25B8.07c	-3.418528e-05	4.194240e-04	-5.841588e-05	4.361251e-04
## SPAC25B8.20	-4.348665e-07	4.774919e-05	-5.358188e-05	2.411345e-04
## SPNCRNA.967	-1.960137e-06	1.829145e-05	7.130595e-06	6.421527e-05
## SPAC25B8.10	-4.726544e-05	7.400340e-04	-3.770206e-04	6.127857e-04
## SPAC25B8.11	-6.367469e-05	1.081375e-03	-2.876284e-04	2.541947e-03
## SPNCRNA.968	-1.448037e-05	3.360697e-05	8.216202e-06	-5.345082e-04
## SPAC25B8.13c	-1.653543e-04	3.605238e-04	5.193065e-04	-6.537694e-03
## SPRRNA.19	-9.474337e-06	2.314888e-04	1.936390e-04	-9.253329e-06
## SPAC25B8.14	-1.437052e-05	1.903269e-04	-6.999286e-05	5.315285e-04
## SPAC25B8.15c	-6.554365e-06	8.324962e-05	-1.556428e-04	6.650931e-04
## SPAC25B8.16	-1.615527e-05	2.058702e-04	-3.270598e-04	1.274166e-03
## SPNCRNA.970	-1.548925e-06	6.254435e-05	4.061420e-06	2.161640e-04
## SPNCRNA.971	1.083528e-06	2.038922e-05	-3.492361e-05	1.087393e-04
## SPAC694.03	-2.162027e-06	1.565728e-04	-1.117922e-04	6.040087e-04
## SPAC694.04c	-9.486550e-05	7.617417e-04	-1.000521e-03	1.446642e-03
## SPNCRNA.972	-1.716243e-06	6.528193e-05	2.860032e-05	1.443785e-04
## SPAC1F7.02c	-3.963757e-05	9.016905e-04	-1.733315e-03	1.133802e-02
## SPAC1F7.03	-1.326469e-04	1.538541e-03	-7.938201e-05	2.045677e-03
## SPAC1F7.06	3.662549e-07	1.692853e-06	-6.729224e-06	9.375662e-06
## SPAC1F7.07c	1.137639e-05	1.951388e-05	-1.123518e-03	4.915100e-03
## SPSNORNA.14	1.220691e-08	-2.547667e-07	4.354036e-08	-1.618802e-06
## SPRRNA.20	-2.086150e-04	6.932700e-03	4.382018e-03	-2.527589e-03
## SPAC1F7.10	-2.586800e-05	3.391323e-04	-2.036206e-05	7.110499e-04
## SPAC1F7.11c	-2.930200e-05	2.126612e-04	-2.528739e-04	9.939576e-04
## SPAC1F7.12	-9.522470e-05	1.135973e-03	1.148629e-03	2.679515e-04
## SPAC21E11.03c	-1.142336e-04	6.814366e-05	1.229930e-04	-4.089631e-03
## SPAC21E11.05c	-1.696957e-05	3.578399e-04	-3.641065e-04	8.943262e-04
## SPAC21E11.08	-1.071774e-04	2.640266e-04	-5.435140e-04	2.134551e-03
## SPATRNASER.03	-2.573941e-05	4.914287e-04	4.168725e-04	7.307420e-04
## SPATRNAMET.03	-2.210381e-07	1.616917e-04	2.972186e-04	1.143012e-04
## SPAC2C4.05	-3.607088e-05	7.602630e-04	-1.873818e-04	3.392530e-03
## SPAC2C4.06c	-6.686379e-06	2.159105e-04	-3.110109e-04	1.683500e-03
## SPAC2C4.08	-2.108224e-06	3.669022e-05	-2.145272e-05	6.713321e-05
## SPAC2C4.11c	-2.990630e-05	6.720473e-04	-4.516539e-04	4.219929e-03
## SPAC2C4.12c	-6.474284e-06	3.314298e-04	-4.303483e-04	2.281679e-03
## SPAC2C4.14c	-5.427596e-05	7.833457e-04	-4.345176e-04	2.583019e-03
## SPAC2C4.15c	-7.407900e-05	5.009743e-04	1.838156e-04	-2.181238e-03
## SPAC2C4.16c	-2.445159e-03	2.561804e-02	3.180598e-03	4.124946e-02
## SPNCRNA.974	-1.572432e-05	5.307049e-05	-4.285082e-06	-5.743429e-04
## SPNCRNA.975	-6.296563e-06	4.897316e-05	-7.049114e-05	8.881295e-06
## SPNCRNA.976	-3.097841e-06	2.945066e-05	-1.005890e-05	-3.583963e-05
## SPAC25G10.01	-3.830974e-05	3.934199e-04	-4.559211e-04	9.927774e-05
## SPAC25G10.05c	-2.060731e-04	1.434632e-03	-1.983996e-03	5.432143e-03
## SPAC25G10.06	-5.025484e-04	7.313409e-03	-1.088771e-04	9.467432e-03
## SPAC25G10.07c	-2.267574e-05	3.250477e-04	-3.221390e-04	5.414383e-04
## SPAC25G10.09c	-1.030818e-04	6.970440e-05	-1.805789e-04	7.741866e-03
## SPAC27F1.02c	-2.071551e-04	2.278998e-03	-1.489229e-03	3.741401e-03
## SPAC27F1.03c	-5.532638e-06	7.921391e-05	-8.730757e-05	2.216764e-04
## SPAC27F1.04c	-3.557475e-06	1.182886e-04	-1.084538e-04	5.374167e-04
## SPAC27F1.07	-1.559274e-04	1.626755e-03	-8.834586e-04	4.518464e-03
## SPAC27F1.08	-7.091400e-05	4.272690e-04	-1.907623e-04	-4.824620e-04
## SPAC27F1.09c	-1.749172e-04	1.549312e-03	-1.028542e-03	8.204696e-04
## SPAC23D3.01	2.212642e-07	2.236370e-04	-3.552576e-04	1.562328e-03

## SPAC23D3.02	-2.251211e-05	4.798131e-04	-1.649793e-04	2.216283e-03
## SPAC23D3.03c	-7.644137e-05	1.153923e-03	-2.046641e-04	3.143611e-03
## SPNCRNA.979	-5.195061e-06	2.003613e-04	-3.403022e-04	7.374779e-04
## SPAC23D3.08	-2.524018e-05	3.617954e-04	-3.921334e-04	1.845179e-03
## SPAC23D3.11	-7.482059e-05	4.205069e-04	4.540444e-04	-1.825981e-03
## SPNCRNA.980	-6.555968e-06	3.466763e-05	-3.379298e-05	2.063184e-05
## SPAC23D3.17	-4.762473e-06	1.369864e-04	-4.444432e-05	3.742647e-04
## SPNCRNA.981	-1.005575e-06	1.756677e-05	1.875654e-05	9.958563e-05
## SPAC30.01c	-5.901216e-05	8.636902e-04	-1.363330e-03	7.903389e-03
## SPAC30.02c	-9.587727e-06	3.788305e-04	-1.241733e-04	1.592723e-03
## SPAC30.04c	-1.191697e-04	7.914840e-04	-1.365471e-03	8.022368e-03
## SPAC29E6.01	-4.373032e-05	3.891211e-04	-1.231465e-04	-2.354095e-04
## SPAC29E6.03c	-3.080925e-05	8.965853e-04	-9.662196e-04	4.591321e-03
## SPAC29E6.05c	-1.391037e-05	1.220759e-04	2.468579e-05	2.564290e-04
## SPAC29E6.04	-2.518003e-06	1.256386e-04	-1.550889e-04	3.563780e-04
## SPAC29E6.07	-1.620875e-06	1.030830e-05	4.634265e-07	1.787228e-05
## SPAC29E6.08	-4.028754e-04	2.447553e-03	-6.308772e-04	-5.710194e-03
## SPAC16.01	-2.002233e-05	1.287912e-04	-1.045023e-04	-5.929292e-05
## SPNCRNA.986	-2.438195e-06	7.104590e-06	-9.146299e-06	-3.062391e-05
## SPAC16.03c	-3.406185e-05	5.262217e-04	-4.545760e-04	1.241989e-03
## SPAC16.05c	-1.002702e-04	4.172629e-04	-4.522029e-04	2.044919e-03
## SPAC9E9.01	4.392797e-07	2.149271e-06	-6.114727e-06	-4.228851e-07
## SPAC9E9.17c	-5.593575e-08	1.180385e-06	-3.239189e-06	1.295206e-05
## SPNCRNA.987	-3.298874e-07	3.369755e-06	3.555622e-06	1.528895e-05
## SPNCRNA.12	1.494782e-07	7.404485e-07	7.696338e-08	-2.454267e-06
## SPAC9E9.03	-2.534188e-04	5.266867e-03	-8.629727e-03	2.496311e-02
## SPAC9E9.04	-1.036169e-04	1.982211e-04	2.677623e-04	-3.110600e-03
## SPAC9E9.09c	-1.738267e-03	5.678136e-03	-3.145993e-03	-2.055447e-02
## SPNCRNA.989	-1.224610e-05	4.436985e-05	5.712145e-05	-1.879008e-04
## SPAC9E9.15	-5.739648e-05	2.908763e-04	2.047034e-05	-2.179851e-03
## SPNCRNA.311	2.095050e-07	-4.397691e-07	5.920392e-06	5.174712e-06
## SPNCRNA.991	-5.827855e-07	1.863830e-05	-4.692741e-06	1.286360e-04
## SPAC17C9.14	-2.221443e-06	3.892976e-06	-1.350654e-05	3.095596e-04
## SPAC17C9.10	-4.910395e-05	2.121926e-04	-1.580538e-04	1.357546e-03
## SPAC17C9.07	-2.833413e-05	1.681484e-04	-1.991364e-04	5.438978e-04
## SPAC17C9.05c	-5.180332e-06	6.428924e-05	-8.365595e-07	9.438143e-05
## SPAC17C9.01c	-4.170351e-05	2.092609e-04	-2.706273e-04	2.397520e-04
## SPAC1851.04c	-6.514519e-05	3.641117e-04	-1.735909e-04	5.941181e-04
## SPAC27D7.02c	-1.207291e-05	2.903579e-04	-3.798977e-04	1.095677e-03
## SPNCRNA.993	-1.514536e-07	-7.080281e-07	-1.142337e-05	4.774570e-05
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-1.357786e-04	1.675693e-03	-8.370483e-04	1.921091e-03
## SPNCRNA.995	-6.228290e-06	-3.859927e-06	-7.591955e-06	-1.660209e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	-3.387886e-06	2.675356e-05	-2.220072e-05	-2.004024e-04
## SPAC637.03	-2.651298e-04	6.002763e-04	1.258873e-03	-1.616535e-02
## SPAC637.04	-6.498706e-05	5.073765e-04	-1.404436e-04	1.071730e-03
## SPAC637.05c	-1.580111e-04	1.137618e-03	-6.798704e-04	4.291349e-03
## SPAC637.06	-3.906499e-04	2.990625e-03	2.370572e-03	-1.874461e-03
## SPAC637.09	-6.650242e-05	1.051137e-03	-8.435036e-04	4.460542e-03
## SPNCRNA.999	4.416321e-07	6.442869e-06	-1.587558e-06	-3.044026e-05
## SPAC637.11	-1.077960e-05	1.724409e-04	-3.497055e-04	9.139191e-04
## SPAC637.12c	-2.529638e-05	5.043688e-04	-2.288132e-04	1.576798e-03

## SPNCRNA.1000	-5.492664e-07	-1.343345e-07	-8.497537e-06	-5.852230e-05
## SPAC637.13c	-6.919350e-05	1.047868e-04	1.078181e-04	-1.009983e-03
## SPNCRNA.249	-9.429979e-07	1.709620e-05	-3.270544e-07	8.056748e-05
## SPAC31F12.01	-4.900978e-05	3.006864e-04	-4.148851e-04	1.922687e-03
## SPAC12B10.02c	-3.785212e-05	5.522837e-04	-3.839588e-04	5.431322e-04
## SPAC12B10.03	-2.166799e-05	2.329425e-04	-1.519665e-04	6.152377e-04
## SPNCRNA.1001	-2.309198e-07	4.001511e-05	1.369709e-05	1.578915e-04
## SPAC12B10.04	-2.927826e-05	5.241492e-04	-2.971412e-04	1.857431e-03
## SPAC12B10.07	-7.963517e-05	9.625715e-04	-1.137003e-04	8.375153e-04
## SPAC12B10.08c	-3.948457e-06	1.011311e-04	-4.881554e-05	2.937554e-04
## SPAC12B10.09	-1.951627e-05	3.305509e-04	-9.425885e-05	1.132283e-03
## SPAC12B10.10	-5.377898e-06	1.108061e-04	-7.141570e-05	3.127351e-04
## SPNCRNA.1003	-5.105949e-07	1.375051e-05	1.033153e-05	1.042169e-05
## SPAC12B10.15c	-2.173330e-06	3.732555e-05	-6.663499e-06	1.668457e-04
## SPNCRNA.1004	-4.654770e-06	3.745560e-05	-5.811932e-05	1.557965e-04
## SPAC1093.07	-4.960561e-06	3.833733e-05	-4.844168e-05	3.871593e-05
## SPAC1093.01	-1.714857e-04	1.635560e-03	-5.764734e-04	-5.717253e-05
## SPAC1093.02	-6.347184e-05	1.095166e-03	-4.937914e-04	1.579015e-03
## SPAC1093.03	-2.598178e-05	3.710361e-04	-3.156421e-04	1.705415e-03
## SPAC1093.04c	-1.341318e-05	5.678730e-04	-3.020054e-04	2.210013e-03
## SPAC1093.06c	-4.709289e-05	8.617155e-04	-1.141894e-03	5.436191e-03
## SPNCRNA.1006	-1.260078e-06	1.599576e-05	-3.012241e-06	-8.268704e-06
## SPAC30C2.02	-1.268699e-05	1.250366e-04	-6.669893e-04	3.524350e-03
## SPAC30C2.04	-2.904967e-04	2.726650e-03	-3.762300e-03	4.961075e-03
## SPAC30C2.05	-3.387112e-05	2.837409e-04	-1.025149e-04	4.164025e-04
## SPAC30C2.07	-5.299953e-05	7.550446e-04	-9.197839e-04	3.137166e-03
## SPNCRNA.1008	-1.210256e-05	5.919944e-05	-4.079558e-05	-2.216553e-05
## SPAC1635.01	-2.665560e-04	1.768553e-03	4.812361e-04	-1.624553e-03
## SPNCRNA.1009	-1.531564e-06	6.423446e-06	2.562739e-06	-3.923342e-06
## SPAC144.02	-2.787899e-05	3.520934e-04	6.773886e-05	9.208397e-04
## SPAC144.03	-4.677711e-04	5.396940e-03	-2.703429e-03	3.110891e-03
## SPAC144.04c	-3.864644e-04	3.472349e-03	-1.695463e-05	-1.624367e-03
## SPAC144.05	-4.585681e-05	3.895206e-04	-9.892231e-05	4.200048e-04
## SPAC144.10c	-5.627866e-05	6.852718e-04	1.766781e-04	-1.101847e-05
## SPNCRNA.1013	-1.246854e-06	-3.091777e-06	5.731634e-06	4.244658e-05
## SPNCRNA.1014	-1.069105e-06	1.601120e-05	-3.175060e-05	3.494506e-05
## SPAC144.12	-6.264846e-05	1.390666e-03	-3.033066e-03	9.490781e-03
## SPAC144.13c	-1.166982e-05	2.021260e-04	-1.990556e-04	9.167179e-04
## SPAC144.16	-1.696579e-05	1.992588e-04	-1.170227e-04	1.209548e-04
## SPNCRNA.1016	-2.219781e-06	5.587694e-05	-1.761704e-05	1.558003e-04
## SPNCRNA.1017	-1.545731e-07	6.592342e-06	-7.225821e-07	1.003336e-05
## SPAC1834.03c	-1.680284e-04	2.909908e-03	-4.292851e-03	1.345230e-02
## SPAC1834.04	-2.732659e-04	3.310644e-03	-5.044434e-03	9.806174e-03
## SPAC1834.05	-4.861481e-05	1.193732e-03	-7.233517e-04	5.487671e-03
## SPAC1834.08	-1.686160e-04	1.246716e-03	-6.700945e-04	-1.179594e-04
## SPATRNRNTHR.05	-4.775604e-06	7.042267e-04	1.398282e-03	4.597524e-04
## SPAC1834.10c	1.728135e-07	2.120964e-04	-1.439544e-04	1.294452e-03
## SPAC1834.13	-2.555673e-07	3.942182e-06	-9.294276e-06	-5.313327e-06
## SPAC17D4.01	-1.864069e-04	1.460228e-03	-4.117290e-03	1.069040e-02
## SPAC17D4.02	-9.392785e-06	3.093247e-04	-4.579849e-04	2.007982e-03
## SPAC17D4.04	-3.085441e-05	6.429265e-04	-9.702146e-04	3.807484e-03
## SPAC458.02c	-1.897775e-04	2.268744e-03	-3.009779e-03	4.818608e-03
## SPNCRNA.1019	-2.190584e-06	2.091962e-05	-5.528167e-06	-1.024904e-04
## SPAC458.03	-5.597144e-05	4.113054e-04	-1.535793e-04	-7.200147e-04

## SPNCRNA.1020	6.588901e-07	1.264398e-05	-7.568950e-06	2.205471e-05
## SPAC458.07	-1.045095e-05	2.756426e-04	-6.341270e-05	3.308587e-04
## SPAPYUG7.02c	-3.350535e-05	2.391513e-04	-2.601313e-04	9.222589e-04
## SPNCRNA.1022	-1.645879e-06	7.765081e-06	3.668370e-06	8.664710e-05
## SPAC1782.01	-9.869705e-05	1.098227e-03	-1.265930e-05	4.335430e-03
## SPAC1782.03	-7.492308e-06	6.280561e-05	-1.260432e-04	1.630406e-05
## SPAC1782.06c	-1.252358e-04	1.398304e-03	-1.719131e-04	-2.393087e-05
## SPNCRNA.1023	-6.578028e-06	2.980569e-05	-6.872608e-05	-3.690780e-06
## SPAC1782.09c	-1.471586e-05	1.409752e-04	-8.053037e-05	1.116516e-03
## SPAC1782.10c	-1.484641e-04	2.144551e-03	-1.637235e-03	7.449525e-03
## SPAC1782.11	-1.819145e-04	1.258515e-03	-1.214649e-03	3.486416e-03
## SPAC11H11.02c	-1.926291e-05	3.096484e-04	1.014915e-05	1.039097e-03
## SPAC11H11.01	-5.582281e-06	1.893099e-05	7.954822e-06	-1.342334e-04
## SPAC11H11.03c	-7.801658e-06	2.108680e-04	4.668305e-06	7.264476e-04
## SPAC11H11.04	-5.525306e-06	5.006237e-05	-6.534455e-06	7.373360e-05
## SPAC11H11.06	-4.201029e-04	3.761304e-03	1.036261e-04	-4.848794e-03
## SPAC22F8.03c	1.245095e-07	-6.621096e-08	-2.846774e-07	-3.432833e-06
## SPAC22F8.07c	-2.145340e-05	1.343878e-04	-1.276827e-04	8.585488e-04
## SPAC22F8.08	-2.070095e-04	1.696659e-03	-8.899564e-04	5.553512e-03
## SPAC22F8.11	-6.937988e-05	9.823331e-04	-3.246185e-04	1.493734e-03
## SPAC22F8.12c	-1.315813e-05	1.664156e-04	-8.642035e-05	6.410046e-04
## SPAC20G4.02c	-2.818072e-05	2.395990e-04	-1.418462e-04	-7.454425e-04
## SPAC20G4.03c	-8.462179e-05	6.782646e-04	6.298724e-04	-3.561635e-03
## SPAC20G4.04c	-1.284610e-05	2.426564e-04	-6.827126e-05	4.245467e-04
## SPNCRNA.1027	-4.256300e-06	7.820199e-05	-8.460627e-05	4.755513e-04
## SPAC20G4.09	-1.413005e-06	6.865093e-06	1.907294e-05	4.278083e-05
## SPAC20G4.07c	-5.849762e-05	6.149728e-04	-1.459933e-04	1.838502e-03
## SPAC4F10.03c	-1.456071e-05	2.661184e-04	-1.492414e-04	1.363604e-03
## SPAC4F10.04	-4.165679e-05	4.694974e-04	-1.871293e-04	9.903050e-05
## SPNCRNA.1028	-5.425980e-07	4.036279e-05	2.664186e-06	6.800968e-05
## SPAC4F10.08	-5.526753e-06	3.346088e-05	-6.326492e-08	-2.774907e-04
## SPAC4F10.12	-2.723583e-05	3.339249e-04	9.615907e-05	7.642969e-04
## SPAC4F10.13c	-1.190391e-04	1.934100e-03	-2.702197e-04	4.951159e-03
## SPNCRNA.1030	-2.906166e-07	6.194026e-06	4.251912e-06	-3.316622e-05
## SPAC4F10.15c	-8.253991e-06	3.141824e-05	-5.215761e-05	6.255269e-04
## SPAC4F10.16c	-2.029190e-05	2.957344e-04	-3.214962e-04	4.029548e-03
## SPAC4F10.18	-1.969294e-05	5.987699e-04	-1.618219e-04	1.746491e-03
## SPAC4F10.19c	-1.954241e-06	1.028589e-04	-9.286760e-05	2.500014e-04
## SPAC19B12.01	-2.020698e-05	1.338243e-03	-1.913580e-03	1.058044e-02
## SPNCRNA.255	2.010005e-07	6.546103e-07	1.012910e-06	1.395001e-05
## SPAC19B12.03	-1.680883e-04	2.112042e-03	-1.778166e-03	1.557476e-02
## SPNCRNA.1034	2.848233e-06	2.607399e-05	1.793261e-06	1.444645e-04
## SPAC19B12.04	-2.976404e-04	4.163361e-03	-3.913389e-03	1.061070e-02
## SPAC19B12.07c	-1.494165e-05	2.871125e-04	-9.153075e-05	5.934638e-04
## SPAC19B12.10	-1.335728e-05	5.604295e-05	-6.595993e-06	-3.035163e-04
## SPAC19B12.12c	-5.814590e-06	5.331024e-05	-8.546209e-05	2.222002e-04
## SPAC19B12.13	-3.679976e-06	2.477062e-05	-1.081142e-04	1.827741e-04
## SPNCRNA.1035	-1.450727e-07	1.244744e-05	-2.727191e-05	-1.334809e-04
## SPAPB8E5.04c	-4.542032e-05	2.557721e-04	5.261900e-05	5.418424e-04
## SPAPB8E5.06c	-4.178132e-04	2.579187e-03	-2.311354e-03	1.111077e-02
## SPAC1B3.01c	-4.486079e-05	1.131131e-03	-8.960092e-05	4.277757e-03
## SPAC1B3.02c	-8.054551e-05	1.017324e-03	-3.724391e-04	2.221278e-03
## SPNCRNA.1036	1.747845e-07	1.036033e-05	-2.677051e-07	-4.719450e-05
## SPAC1B3.03c	-3.233894e-04	3.984168e-03	-4.768546e-03	8.055384e-04

## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	4.821518e-07	-4.376553e-08	1.779095e-06	1.570804e-05
## SPNCRNA.1038	-3.100378e-04	5.681978e-03	3.142901e-03	8.079153e-03
## SPAC1B3.07c	-9.944793e-06	1.890279e-04	-1.678526e-04	1.013349e-03
## SPAC1B3.08	-1.207429e-04	8.300323e-04	1.897815e-04	-2.207349e-03
## SPAC1B3.10c	-2.061342e-05	2.651533e-04	-2.979420e-04	5.211470e-04
## SPAC1B3.11c	-1.361650e-05	1.194838e-04	-5.771395e-06	-1.454873e-04
## SPAC1B3.20	-2.560633e-05	2.553886e-04	1.121822e-04	-6.236519e-04
## SPAC1B3.13	-5.082536e-05	1.224215e-03	-2.073705e-03	1.005899e-02
## SPAC1B3.15c	-4.892068e-06	6.216852e-05	-2.582499e-05	2.524975e-04
## SPAC1B3.16c	-9.935618e-05	2.763476e-03	-8.605481e-03	5.206455e-03
## SPNCRNA.1039	1.857371e-07	3.808786e-06	-9.337247e-06	2.466754e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	-1.046688e-05	2.500361e-04	-2.708392e-04	1.181340e-03
## SPAC1952.05	-1.156235e-06	5.205119e-04	-4.449799e-04	2.944019e-03
## SPAC1952.06c	-2.122243e-05	5.449862e-04	-5.921520e-04	2.223750e-03
## SPAC1952.08c	-2.520003e-05	1.605390e-04	-1.735472e-04	5.646312e-04
## SPAC1952.11c	-5.255566e-05	4.996516e-04	-3.548920e-04	2.813984e-03
## SPAC1952.13	-6.824427e-05	3.702968e-04	-1.345987e-04	-1.839977e-03
## SPAC1952.14c	-1.090477e-05	2.659281e-04	-2.974874e-04	9.225254e-04
## SPAC1952.15c	-4.934283e-06	3.696559e-05	-3.606556e-05	-3.513740e-05
## SPAC890.02c	-5.133889e-06	5.552752e-05	-9.337024e-05	1.532553e-04
## SPAC890.05	6.138300e-06	1.617512e-04	-4.070905e-04	2.075882e-03
## SPAC890.07c	-1.046275e-04	1.369043e-03	-1.758167e-03	5.482669e-03
## SPAC890.08	-1.016474e-03	1.344562e-02	-3.062760e-03	1.934618e-02
## SPNCRNA.258	-6.944620e-07	7.054478e-06	2.935761e-06	-5.915242e-06
## SPAC22E12.01	-2.408280e-06	5.803063e-05	-1.385438e-04	6.991556e-04
## SPAC22E12.02	-1.348180e-05	1.698272e-04	-3.625969e-04	9.317261e-04
## SPAC22E12.03c	-1.084843e-04	5.027574e-04	4.715932e-04	-3.296284e-03
## SPAC22E12.05c	-1.226961e-04	1.291087e-03	-2.560086e-05	-2.377898e-04
## SPAC22E12.06c	-3.625904e-05	5.353947e-04	-2.002421e-04	1.227133e-03
## SPAC22E12.07	-1.099942e-04	1.122816e-03	-1.056791e-03	1.160638e-03
## SPAC22E12.08	-1.760803e-05	1.697289e-04	-1.797679e-04	6.101753e-04
## SPAC22E12.11c	-5.026221e-05	2.755561e-04	-1.572073e-04	1.144907e-03
## SPAC22E12.14c	-2.839731e-05	1.166751e-03	-1.099838e-03	6.112539e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	-9.092072e-06	7.409980e-05	-3.143665e-05	4.935956e-04
## SPAC1006.05c	-4.405489e-05	6.073942e-04	-3.395549e-04	3.653514e-04
## SPAC1006.06	-5.619499e-05	4.099355e-04	-5.490735e-04	2.780857e-03
## SPAC1006.07	-2.138090e-03	2.531674e-02	-1.266795e-02	6.115990e-02
## SPAC1006.08	-5.890491e-06	1.459817e-04	-9.238357e-05	1.167506e-03
## SPAC1006.09	-5.877091e-05	8.077890e-04	-6.170539e-04	4.325024e-03
## SPAC1250.05	-5.282582e-05	2.633380e-04	-2.476673e-04	1.331739e-03
## SPAC1250.04c	2.670520e-06	5.986909e-05	-9.696395e-05	6.558801e-04
## SPAC1250.03	-6.794951e-06	9.271499e-06	-6.970222e-05	2.287292e-04
## SPAC1250.02	-2.302522e-06	5.845565e-06	-1.327560e-06	1.294999e-05
## SPNCRNA.1046	3.290760e-07	3.428971e-06	5.119582e-06	-7.755029e-06
## SPAC29A4.20	-3.805583e-05	3.892714e-04	-2.708924e-04	3.111375e-03
## SPAC29A4.19c	-1.666710e-05	4.602303e-04	-4.693859e-04	2.042640e-03
## SPAC29A4.17c	-6.536351e-06	7.839424e-06	4.245614e-05	-1.895442e-04
## SPAC29A4.16	-1.285519e-04	1.783417e-03	-7.716302e-04	7.636547e-03
## SPAC29A4.15	-1.911351e-04	8.492249e-04	-2.120002e-03	2.607400e-03
## SPNCRNA.1047	-2.739586e-06	1.676438e-05	-1.260663e-05	-2.654272e-05
## SPAC29A4.12c	-2.863289e-06	-6.295466e-08	3.125599e-05	2.861566e-05

## SPAC29A4.09	-3.827061e-05	4.910155e-04	-2.815645e-04	4.072196e-04
## SPAC29A4.08c	-7.909418e-05	1.304650e-03	-8.362801e-04	4.436692e-03
## SPAC29A4.07	-8.079629e-06	1.619639e-04	-2.325478e-05	8.372850e-04
## SPAC29A4.06c	-9.688566e-06	9.971061e-05	-8.455682e-05	-3.152595e-04
## SPAC29A4.04c	-3.094720e-04	1.297943e-03	-4.534067e-03	9.052673e-03
## SPAC29A4.02c	-7.058935e-04	1.337689e-03	-2.800370e-03	1.236413e-02
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-4.816990e-05	1.052401e-04	2.860804e-04	-2.024918e-03
## SPSNORNA.16	-6.481542e-04	8.720134e-03	1.795381e-04	-5.994367e-03
## SPAC26F1.13c	-3.917379e-04	3.182400e-03	-6.590385e-03	1.378541e-02
## SPAC26F1.11	-6.239550e-06	2.570520e-05	4.699551e-05	-2.636674e-04
## SPAC26F1.07	-1.863660e-03	9.471097e-03	1.388175e-02	-8.097995e-02
## SPAC26F1.05	-6.079888e-06	6.167118e-05	-7.610568e-05	5.113971e-05
## SPNCRNA.1056	9.798232e-07	1.933591e-05	-5.410786e-05	3.278863e-05
## SPAC26F1.04c	-3.174281e-04	1.365898e-03	1.703513e-03	-1.829214e-02
## SPAC26F1.03	-4.209331e-04	4.965224e-03	-4.207880e-03	1.028487e-02
## SPAC26F1.01	-2.605430e-05	1.347569e-04	-1.476268e-04	5.403328e-05
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	4.916105e-07	1.214817e-05	-2.020937e-05	-2.301562e-05
## SPAC19D5.01	-3.416273e-04	5.483788e-04	7.652077e-04	-2.130988e-02
## SPAC19D5.02c	-1.137934e-05	4.033130e-04	-2.248545e-04	1.705920e-03
## SPAC19D5.04	-4.713760e-04	3.782736e-03	-2.534231e-03	9.154657e-03
## SPAC19D5.05c	-4.717039e-06	9.690902e-05	-2.192334e-04	7.243397e-04
## SPAC19D5.11c	-7.311600e-07	4.342415e-06	-3.441458e-05	1.095509e-04
## SPNCRNA.1060	1.053325e-06	3.361577e-05	-5.886277e-05	2.169056e-04
## SPAC14C4.01c	-1.916476e-05	2.573161e-04	-3.056015e-04	8.828430e-04
## SPAC19D5.07	-5.927478e-06	1.318172e-05	5.092715e-06	1.752555e-04
## SPNCRNA.1062	3.928647e-07	5.874992e-08	9.200931e-07	3.131931e-05
## SPAC14C4.03	6.743396e-07	1.591819e-05	-2.224116e-05	5.075739e-05
## SPAC14C4.04	-4.023205e-05	4.553417e-04	-2.074856e-04	7.753376e-04
## SPAC14C4.05c	-5.052602e-05	4.272204e-04	-4.011204e-04	4.338626e-04
## SPAC14C4.07	-1.036685e-04	7.278694e-04	1.689281e-04	-2.986592e-03
## SPAC14C4.08	-1.016253e-07	2.596715e-05	4.476030e-06	6.964861e-05
## SPAC14C4.09	-9.254597e-06	3.101887e-04	-1.000393e-03	5.416908e-03
## SPAC14C4.10c	-1.005375e-05	6.053099e-05	-2.844114e-05	-2.445801e-04
## SPAC14C4.11	-1.217899e-04	1.782088e-03	-1.562792e-03	9.410526e-03
## SPNCRNA.261	1.937777e-06	2.120150e-05	1.101158e-05	1.362846e-04
## SPAC14C4.13	-1.538865e-05	2.261654e-04	-2.368919e-04	9.484865e-04
## SPAC14C4.14	-3.990324e-04	1.130617e-03	-2.844766e-04	6.625625e-03
## SPAC14C4.15c	-2.402814e-05	3.744710e-04	-6.049894e-04	1.989923e-03
## SPAPJ760.03c	4.044475e-06	1.296804e-04	-6.291624e-04	4.482609e-03
## SPNCRNA.1064	9.949748e-07	8.505590e-06	-1.341396e-05	2.726632e-05
## SPAC2H10.02c	-6.458034e-06	1.620820e-04	-1.252348e-04	3.326462e-04
## SPAC11E3.03	-9.319341e-06	1.195057e-04	-3.315994e-05	1.471621e-04
## SPAC11E3.04c	-1.940905e-05	1.978641e-04	-2.097426e-04	3.278431e-04
## SPAC11E3.07	-1.062878e-04	1.948234e-03	-1.041679e-03	3.945828e-03
## SPAC11E3.08c	-8.032134e-06	1.085285e-04	-1.042846e-04	2.330478e-04
## SPAC11E3.12	-1.406341e-05	2.038130e-04	-9.560582e-05	6.612925e-04
## SPAC11E3.13c	-1.383376e-04	8.429472e-05	9.421063e-04	3.125718e-03
## SPNCRNA.1068	-2.679948e-06	9.019127e-06	7.737521e-06	-4.974572e-05
## SPAC11E3.15	-9.736054e-04	1.152006e-02	-5.058377e-03	1.151497e-02
## SPNCRNA.1070	-1.706099e-06	1.851197e-05	-3.221009e-05	1.180751e-04
## SPAP8A3.05	-3.137656e-05	1.066609e-04	-7.885072e-06	-6.002417e-04

## SPAP8A3.06	-1.025618e-04	6.680088e-04	-1.066169e-04	-1.863478e-03
## SPNCRNA.525	1.132087e-07	1.475217e-05	-1.658386e-05	9.317547e-05
## SPNCRNA.1073	-1.126883e-06	3.089082e-05	-1.186926e-05	3.224266e-04
## SPAP8A3.10	-2.183937e-05	3.135988e-04	-1.984558e-04	9.386892e-04
## SPAP8A3.12c	-2.642403e-04	1.548087e-03	2.310354e-06	-3.185562e-03
## SPAP8A3.13c	-7.342552e-06	2.718306e-04	-2.319593e-04	1.597726e-03
## SPAC4D7.01c	-1.030308e-04	1.129939e-03	-1.476914e-03	4.955931e-03
## SPNCRNA.1075	2.720960e-07	4.164048e-06	7.535871e-06	-3.451276e-05
## SPAC4D7.04c	-2.494157e-05	6.914517e-04	-3.582444e-04	2.175025e-03
## SPAC4D7.05	-4.708519e-04	5.179582e-03	-4.787296e-03	1.092968e-02
## SPAC4D7.06c	-2.176878e-05	1.713136e-04	-1.003418e-04	3.696775e-04
## SPNCRNA.1077	-2.289322e-06	4.139296e-05	-4.288152e-05	1.428223e-04
## SPAC4D7.07c	-2.260998e-05	1.905148e-04	-2.322886e-04	4.141996e-04
## SPAC4D7.08c	-1.470911e-04	2.491153e-03	-4.986124e-03	1.624768e-02
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	-6.406835e-07	1.132885e-05	6.292685e-06	8.808954e-05
## SPAC4D7.09	-8.450596e-05	1.086741e-03	-1.406571e-03	4.683833e-03
## SPAC4D7.14	-1.825533e-06	2.032404e-05	-3.302066e-05	7.048945e-05
## SPAC3G6.04	-1.107508e-05	7.995403e-05	-2.312438e-04	5.873720e-04
## SPAC3G6.06c	-1.122093e-05	9.228460e-05	-2.027954e-04	2.881829e-04
## SPAC3G6.07	-2.374666e-05	8.784609e-05	7.221945e-05	-1.423514e-03
## SPAC3G6.11	-7.112776e-06	3.110627e-04	-2.901028e-04	2.062826e-03
## SPAC3G6.13c	-1.228552e-03	1.621615e-02	3.960791e-03	7.475011e-03
## SPNCRNA.267	-1.380769e-06	9.202123e-06	8.039462e-06	-4.788090e-05
## SPAC29B12.02c	-2.885722e-05	1.162501e-03	-1.283885e-03	5.681022e-03
## SPAC29B12.04	-6.886105e-04	7.171808e-03	-5.066342e-03	6.878129e-03
## SPAC29B12.05c	-6.270359e-06	5.910094e-05	-7.375790e-05	2.677666e-04
## SPNCRNA.1081	-2.364212e-06	4.627073e-05	-2.168143e-05	1.009020e-04
## SPAC29B12.06c	-2.404985e-05	3.989090e-04	-1.454514e-04	1.393606e-03
## SPAC29B12.07	-8.147210e-05	3.257525e-04	-4.441398e-04	5.417110e-03
## SPNCRNA.1082	-9.232983e-06	5.364542e-05	-1.894639e-05	6.194909e-05
## SPNCRNA.270	-3.453607e-08	-9.327666e-07	3.266204e-06	1.011189e-05
## SPAC29B12.08	-2.285726e-05	6.072215e-05	-2.204913e-05	9.384414e-04
## SPAC29B12.10c	-9.008013e-05	1.211977e-03	-1.236873e-03	2.782490e-03
## SPAC29B12.11c	-7.955911e-05	4.751021e-04	1.139035e-04	-2.913275e-03
## SPATRNASER.04	-2.457366e-05	6.464034e-04	9.715791e-04	-3.838207e-04
## SPAC29B12.13	-1.025527e-05	1.014340e-04	1.073305e-04	-3.737873e-05
## SPNCRNA.271	5.886240e-08	-1.121364e-06	-1.598105e-06	-6.455586e-06
## SPNCRNA.272	1.948050e-07	1.039707e-06	-2.974941e-06	1.025864e-06
## SPAC1039.01	-2.545397e-05	1.636710e-04	-1.379774e-04	-5.969942e-04
## SPAC1039.02	-1.456379e-04	1.876561e-03	-2.999974e-03	6.839410e-03
## SPAC1039.03	-1.272752e-05	2.973937e-04	-2.351907e-04	1.261142e-03
## SPAC1039.05c	-2.000534e-05	1.881737e-04	-1.723906e-04	7.258545e-04
## SPNCRNA.1084	-2.241887e-06	8.280567e-06	-3.723492e-06	6.482923e-07
## SPAC1039.06	-1.825222e-05	1.886021e-04	-3.074196e-04	5.932704e-04
## SPNCRNA.1085	-1.066726e-06	3.352111e-06	-5.891100e-06	-4.705132e-06
## SPAC1039.08	-3.582215e-06	2.441476e-05	-4.364955e-05	6.653566e-05
## SPNCRNA.1086	-3.256832e-06	2.111658e-05	-1.085697e-05	8.106407e-05
## SPNCRNA.275	-8.245826e-07	-1.161495e-06	2.230368e-06	1.719653e-05
## SPAC1039.09	-6.181762e-06	2.224764e-05	-3.971906e-05	-7.277441e-05
## SPAC1039.11c	-1.195436e-05	5.202326e-05	-1.814297e-04	3.067325e-04
## SPNCRNA.1087	-6.821089e-06	9.942100e-05	-1.586152e-04	2.252333e-04
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-1.281161e-06	1.397868e-05	-3.658368e-05	1.288495e-04

## SPNCRNA.1089	9.886005e-08	6.503667e-06	4.486281e-06	2.210530e-05
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-2.743920e-04	3.559537e-03	-2.280602e-04	8.862909e-03
## SPNCRNA.278	-8.179412e-07	1.114449e-06	-1.037345e-05	4.206040e-05
## SPAC922.06	-1.591902e-05	1.483423e-04	-7.154610e-05	1.051169e-04
## SPAC922.07c	-1.145318e-05	1.078177e-04	-1.705516e-05	2.873936e-04
## SPNCRNA.1090	-3.717199e-06	1.765981e-05	-1.110239e-05	-2.953436e-05
## SPNCRNA.1091	-4.214273e-06	4.053351e-05	-4.250013e-05	1.179426e-04
## SPNCRNA.1093	-5.384800e-08	2.326039e-06	3.982003e-06	-2.272184e-05
## SPAC869.06c	-1.187659e-05	1.271540e-05	1.950686e-07	-6.357901e-04
## SPNCRNA.279	4.537045e-07	2.783937e-06	6.077130e-07	1.757084e-05
## SPAC869.05c	-2.860783e-05	1.630156e-04	-3.986992e-04	4.585430e-04
## SPAC869.04	3.115345e-08	7.465062e-07	-7.838637e-07	1.612071e-06
## SPAC869.03c	1.162442e-07	1.846799e-06	3.496431e-06	3.255042e-06
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	4.557306e-08	1.217859e-06	-9.495883e-06	-1.674109e-05
## SPAC869.02c	-4.846161e-05	4.377519e-04	3.933211e-05	1.315354e-03
## SPAC869.01	-4.807118e-07	2.572172e-06	1.019999e-05	1.913984e-05
## SPAC186.01	-1.288912e-05	6.674671e-05	5.104927e-05	6.419220e-05
## SPNCRNA.96	-1.517737e-07	1.041530e-06	-7.674853e-08	-9.532419e-06
## SPAC186.03	-1.633472e-07	1.058222e-06	-1.404680e-06	-1.792520e-05
## SPAC186.04c	-5.152415e-07	9.771075e-06	2.483884e-06	-6.077343e-06
## SPAC186.06	-8.986638e-07	5.805047e-06	-1.020184e-05	-4.385317e-06
## SPNCRNA.310	-1.952320e-08	-5.073018e-08	-4.025265e-09	2.850795e-07
## SPAC750.01	-1.607001e-05	1.017777e-04	-2.520361e-04	7.549163e-05
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	-2.315962e-07	4.411006e-06	-4.848757e-06	-2.953325e-06
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	-1.990585e-08	5.239409e-06	-1.256250e-05	4.018144e-05
## SPAC212.08c	-1.298268e-07	9.604606e-06	9.402803e-06	-3.724877e-05
## SPAC212.07c	-1.810394e-07	5.353127e-07	-6.418344e-06	1.053828e-05
## SPAC212.06c	8.455679e-07	3.332686e-06	-2.309581e-06	8.192745e-06
## SPAC212.05c	2.046194e-07	2.090076e-07	-2.627288e-07	-4.460646e-06
## SPAC977.01	8.501111e-08	3.879288e-07	-2.179102e-06	-4.183664e-06
## SPAC977.18	2.567313e-08	-3.954802e-08	6.978148e-07	2.839533e-06
## SPAC977.02	2.373147e-07	4.206242e-07	1.452238e-06	-1.891197e-06
## SPAC977.06	6.203160e-08	1.952544e-07	1.735278e-06	1.032295e-05
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	-8.483675e-06	6.299785e-05	1.044095e-04	-3.552505e-04
## SPAC977.10	-8.056697e-05	9.428733e-04	-6.905099e-04	1.685390e-03
## SPAC977.12	-6.243452e-05	7.387789e-04	-1.312070e-03	3.228373e-03
## SPAC977.14c	-2.434221e-04	1.502615e-03	-2.058080e-03	3.441656e-03
## SPAC977.17	-1.894300e-05	9.180513e-05	-4.724177e-04	8.204723e-04
## SPNCRNA.137	-3.455599e-07	-2.952993e-07	-5.911427e-06	-7.333714e-06
## SPNCRNA.83	-1.262490e-06	5.592065e-05	-7.982256e-05	-6.186274e-06
## SPAPJ695.02	-1.340647e-06	9.240045e-06	-1.890849e-05	-1.736831e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-3.683122e-06	7.366844e-06	-3.707161e-05	6.937064e-05
## SPAC1F8.02c	1.662148e-07	1.973649e-06	-1.741814e-07	1.187001e-05
## SPAC1F8.03c	1.173643e-05	6.741425e-05	-9.809504e-04	3.716843e-03
## SPNCRNA.604	1.063085e-06	1.433710e-05	-6.549193e-05	1.695232e-04
## SPNCRNA.139	-1.194687e-09	1.518924e-07	-3.696637e-07	1.101113e-06
## SPNCRNA.605	1.252428e-07	2.109945e-04	-4.688906e-04	2.578767e-03
## SPAC1F8.04c	-1.410401e-06	2.203830e-05	2.069977e-05	9.186961e-05

## SPNCRNA.606	-4.681277e-06	2.335220e-05	-3.543623e-05	2.728718e-05
## SPAC1F8.05	-6.745973e-06	1.399127e-04	6.333776e-05	-6.587825e-05
## SPAC1F8.07c	-2.561761e-03	3.415038e-03	4.042015e-03	1.061353e-01
## SPAC11D3.04c	-5.286973e-05	4.926212e-04	-1.307809e-03	9.338580e-04
## SPAC11D3.06	-1.358975e-05	2.528684e-04	-2.391293e-04	2.808046e-04
## SPAC11D3.09	-1.228267e-05	8.083706e-05	7.677998e-05	-6.983802e-04
## SPAC11D3.10	-5.494153e-06	6.303906e-05	-1.986083e-05	6.022865e-05
## SPAC11D3.13	-6.451641e-05	6.415975e-04	3.760663e-04	-1.325601e-03
## SPAC11D3.15	-8.546425e-05	9.782063e-04	-6.350757e-04	3.606104e-03
## SPAC11D3.17	-1.302995e-05	1.484958e-04	-6.788361e-05	-2.214145e-04
## SPNCRNA.611	-6.622330e-06	5.737233e-05	-6.684765e-05	-7.857063e-05
## SPAC5H10.02c	-1.015093e-05	5.353785e-05	8.556006e-05	-6.399026e-04
## SPNCRNA.613	-6.535925e-07	9.069646e-06	1.363268e-06	8.479249e-05
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-1.354010e-05	3.154012e-04	-6.594471e-05	8.496731e-04
## SPAC5H10.07	9.717615e-07	1.030757e-05	-5.540244e-05	7.782738e-05
## SPNCRNA.614	-7.312982e-06	8.948109e-05	-1.321379e-04	2.235513e-04
## SPNCRNA.615	-8.935381e-07	2.113937e-05	-2.504794e-05	5.751315e-05
## SPNCRNA.616	9.080192e-07	1.626751e-05	6.216225e-06	5.072452e-05
## SPAC13G6.02c	-1.374988e-03	1.748930e-02	-1.933429e-03	3.004406e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-5.890604e-05	9.274090e-04	-3.470433e-05	5.992594e-04
## SPAC13G6.05c	-1.388124e-05	2.236151e-04	-1.217593e-04	8.449056e-04
## SPAC13G6.06c	-7.839961e-05	1.460331e-03	-1.980226e-03	1.037048e-02
## SPAC13G6.07c	-1.066428e-03	1.187042e-02	-8.024511e-03	2.965460e-02
## SPAC13G6.08	8.353872e-07	2.584272e-05	-5.837572e-05	3.606982e-04
## SPNCRNA.619	-1.353036e-05	1.153378e-04	-5.984334e-05	3.481382e-04
## SPAC13G6.09	-3.086951e-05	4.096923e-04	-4.904438e-04	1.777008e-03
## SPAC13G6.10c	-2.423863e-04	4.818100e-04	-7.777759e-04	2.250749e-02
## SPAC13G6.11c	-2.331380e-05	4.165508e-04	-7.033259e-04	1.748224e-03
## SPAC13G6.12c	-3.366842e-05	3.013068e-04	-1.673081e-04	2.257390e-05
## SPAC13G6.13	1.048951e-07	-6.777114e-08	4.334896e-07	2.946614e-07
## SPAC24B11.06c	-1.067430e-04	5.957993e-04	-6.915346e-04	3.829016e-05
## SPNCRNA.622	-4.762934e-06	1.308935e-04	-2.188100e-05	3.860414e-05
## SPAC24B11.07c	-2.878052e-05	1.079456e-04	-1.610099e-04	9.761994e-04
## SPNCRNA.623	-2.925651e-06	7.219745e-05	-1.099509e-04	2.891416e-04
## SPAC24B11.10c	-4.971243e-05	3.676865e-04	-1.492166e-04	1.012631e-03
## SPAC24B11.14	-1.079133e-06	1.691123e-05	5.654374e-06	-2.864206e-05
## SPAC24B11.13	-3.393969e-05	9.048178e-05	-1.106491e-04	3.186644e-04
## SPAC806.03c	-1.545540e-04	5.613667e-04	-1.374575e-03	3.399761e-03
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	-4.288471e-05	5.507685e-04	-2.208977e-04	-1.101536e-04
## SPAC806.05	-1.860813e-05	1.818911e-04	-1.048292e-04	4.320656e-05
## SPNCRNA.629	-5.303096e-06	1.766029e-05	-2.848095e-05	-4.366347e-05
## SPAC806.08c	-1.566397e-06	1.188833e-04	-2.083974e-04	1.166950e-03
## SPAC1639.01c	-1.044007e-04	8.470302e-04	-7.722003e-04	4.431348e-03
## SPAC1639.02c	-3.056689e-05	5.246883e-04	-6.089982e-04	2.429044e-03
## SPNCRNA.631	-1.340714e-07	1.121040e-06	4.410928e-06	-2.055682e-06
## SPAC1F5.10	-6.084310e-05	1.127758e-03	-8.335243e-04	4.967334e-03
## SPNCRNA.634	-4.663176e-06	5.594019e-05	-5.063034e-05	1.439634e-04
## SPAC1F5.09c	-3.692093e-06	3.793089e-05	-1.720698e-05	7.677191e-05
## SPAC1F5.08c	-3.741957e-05	2.716373e-04	-3.002582e-05	-3.335632e-04

## SPAC1F5.06	-1.536666e-04	8.149625e-04	-1.179136e-03	2.960358e-03
## SPAC1F5.05c	-5.126862e-06	5.182823e-05	-9.262903e-05	3.733992e-04
## SPAC1F5.03c	-7.114211e-05	8.252246e-04	-7.759633e-04	2.637187e-03
## SPAC18B11.11	-1.797177e-05	4.157658e-04	-4.879840e-04	1.515614e-03
## SPAC18B11.06	-3.418589e-06	2.463732e-04	-3.586203e-04	1.852115e-03
## SPAC18B11.05	-7.602287e-06	6.484596e-05	-2.948268e-05	5.240760e-04
## SPAC18B11.03c	-7.627843e-06	1.865070e-04	-8.628628e-05	3.060411e-04
## SPAC12G12.16c	-2.286841e-05	1.937273e-04	-1.111723e-04	-2.632838e-04
## SPAC12G12.13c	-3.281250e-05	1.126712e-03	-1.211258e-03	5.304336e-03
## SPAC12G12.12	-6.108068e-05	5.030165e-04	2.758734e-04	-1.424912e-03
## SPAC12G12.11c	-3.205056e-05	2.813014e-04	-2.519234e-04	3.073519e-04
## SPAC12G12.17	-1.026667e-05	1.253387e-04	-9.380383e-05	3.016860e-04
## SPAC12G12.08	-4.618626e-05	4.960199e-04	-2.125488e-04	3.441974e-04
## SPAC12G12.07c	-1.690626e-04	1.337107e-03	-1.058155e-03	-9.281309e-04
## SPAC12G12.05c	-2.559873e-05	3.480202e-04	-2.888159e-04	9.053266e-04
## SPSNORNA.29	-1.277771e-04	2.115807e-03	-1.866689e-03	2.058529e-03
## SPAC12G12.04	-1.073346e-03	1.238800e-02	-1.475211e-02	1.692143e-02
## SPAC12G12.02	-1.357566e-05	3.586140e-04	-6.407345e-04	2.464064e-03
## SPNCRNA.640	3.414107e-07	6.977301e-06	-8.893455e-06	1.152310e-05
## SPAC12G12.01c	-8.147018e-05	1.199264e-03	-7.855927e-04	4.986200e-03
## SPAC630.04c	-1.364788e-05	1.441576e-04	9.668166e-05	-4.187995e-05
## SPAC630.03	-1.533456e-04	1.438714e-03	-3.773256e-04	4.644279e-04
## SPAC630.06c	-3.657138e-06	2.363996e-04	-2.045123e-04	9.083086e-04
## SPAC630.07c	-1.401591e-05	1.149117e-04	6.610206e-06	-3.475774e-04
## SPNCRNA.641	1.742950e-07	1.351768e-05	-1.655215e-05	7.352584e-05
## SPAC630.08c	-1.664611e-04	2.702287e-04	-6.676320e-04	6.266688e-03
## SPNCRNA.642	-2.479311e-06	1.582855e-05	-7.364384e-06	-2.565896e-05
## SPAC630.09c	-3.246683e-05	1.967363e-04	-2.985384e-04	1.648793e-04
## SPAC630.10	-9.359931e-06	1.524355e-04	-1.722413e-04	5.124706e-04
## SPAC1751.03	-2.074935e-04	2.445544e-03	-3.469728e-03	8.763389e-03
## SPAC31A2.05c	-3.162623e-05	4.650632e-04	-2.887250e-04	9.916200e-04
## SPAC31A2.08	-1.465419e-05	3.735396e-04	-1.660212e-04	1.026326e-03
## SPAC31A2.10	-3.605453e-06	6.878153e-05	-5.785006e-05	2.776280e-04
## SPAC31A2.15c	-1.406533e-05	3.155601e-04	-3.430667e-04	1.495174e-03
## SPAC13C5.02	-2.683074e-05	2.476104e-04	-2.611144e-04	3.517587e-04
## SPAC13C5.03	-1.991335e-05	2.044230e-04	-1.582787e-04	2.857012e-04
## SPSNORNA.01	-3.677348e-04	4.495811e-03	1.637708e-03	2.580699e-03
## SPNCRNA.646	-2.966534e-05	1.395083e-04	-3.176852e-05	-4.833861e-04
## SPAC13C5.07	-1.806372e-04	3.861830e-03	1.797603e-03	3.746185e-03
## SPNCRNA.647	-1.966224e-06	5.747915e-05	-7.945624e-05	1.228327e-04
## SPNCRNA.648	-1.642473e-05	7.618245e-05	-7.895028e-05	-3.831007e-04
## SPAC23E2.01	-2.347093e-04	1.207526e-03	1.089964e-05	-9.047228e-03
## SPNCRNA.649	1.293655e-06	9.759850e-06	-8.255239e-08	7.117569e-05
## SPAC23E2.03c	-5.162028e-06	1.816762e-06	-4.589333e-07	7.664603e-05
## SPNCRNA.650	-5.441442e-07	8.641625e-06	2.109436e-05	-4.280044e-05
## SPAC24H6.13	-2.746924e-04	2.006438e-03	-2.298696e-04	-4.608698e-03
## SPNCRNA.651	-9.962743e-06	5.762860e-05	1.012631e-05	-3.801642e-04
## SPAC24H6.10c	-6.110108e-04	6.873296e-03	-1.091827e-03	9.887473e-03
## SPAC24H6.08	-4.542287e-05	1.854860e-04	1.044551e-04	-1.730284e-03
## SPAC24H6.05	-4.056884e-05	7.779409e-05	-4.588355e-05	2.066204e-03
## SPAC24H6.03	-2.669451e-05	9.712096e-05	-1.451717e-04	4.954447e-04
## SPNCRNA.47	-3.884974e-06	1.277630e-05	-8.122887e-06	1.270284e-05
## SPAPB21F2.02	-7.363391e-05	1.385744e-03	-1.209059e-03	7.921974e-03
## SPAPB21F2.03	-1.169438e-05	1.104761e-04	-9.437569e-05	3.784978e-04

## SPAC227.01c	-1.816783e-05	1.577761e-04	-1.015517e-04	5.996199e-04
## SPAC227.02c	-3.562542e-06	2.686634e-04	-3.138936e-04	1.417560e-03
## SPAC227.03c	-4.279768e-05	1.681712e-04	4.634063e-05	-1.106572e-03
## SPNCRNA.656	-3.080510e-06	2.419852e-05	-1.229410e-05	4.024312e-05
## SPAC227.04	-5.170808e-06	1.068215e-04	5.667405e-05	3.304716e-04
## SPNCRNA.658	-2.865754e-06	1.205295e-05	-2.357746e-06	-8.954369e-05
## SPAC227.14	-1.312482e-05	2.231280e-04	3.028803e-07	6.449098e-04
## SPAC227.15	-4.501906e-05	2.739792e-04	-1.274990e-04	1.444267e-03
## SPNCRNA.659	-1.296331e-05	3.096325e-04	-1.143832e-04	1.000815e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	-2.638639e-05	3.947348e-04	-4.915761e-04	1.490832e-03
## SPAC227.18	-2.000132e-04	1.336366e-03	-2.071440e-03	3.344787e-03
## SPAC2F7.02c	-1.964567e-05	9.777178e-05	-1.557445e-04	8.922220e-04
## SPAC2F7.03c	-3.644604e-05	1.641802e-04	-2.241134e-04	1.417155e-03
## SPAC2F7.05c	-3.642335e-04	3.618996e-03	-4.230511e-03	3.236869e-03
## SPAC2F7.06c	-2.790045e-06	1.689588e-05	2.268479e-06	-9.254913e-05
## SPAC2F7.07c	-2.404863e-05	9.948731e-05	-2.126765e-04	8.817339e-04
## SPAC2F7.08c	-9.874768e-06	1.465593e-04	-2.143159e-04	1.057173e-03
## SPAC2F7.09c	-1.537765e-05	3.098299e-04	-1.696295e-04	9.979652e-04
## SPAC2F7.10	-2.043926e-05	4.983315e-04	-1.040165e-04	1.486638e-03
## SPAC2F7.11	-4.395943e-05	2.818464e-04	-1.947690e-04	2.259763e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-3.664375e-05	6.933545e-04	-3.312067e-04	2.182374e-03
## SPAC2F7.16c	-5.555097e-05	3.475275e-04	-3.947709e-04	1.842407e-03
## SPAC2F7.17	1.834710e-06	1.839363e-04	-3.108259e-04	1.573238e-03
## SPAC13A11.02c	-1.884767e-04	7.124225e-04	-2.208867e-03	6.104771e-03
## SPNCRNA.155	-7.494428e-07	2.806884e-06	1.626943e-06	-2.520743e-06
## SPNCRNA.662	-2.726543e-06	6.413838e-06	-9.657631e-06	9.197041e-06
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-4.518137e-06	9.076362e-05	-2.600901e-05	1.787999e-04
## SPAC3H8.05c	-2.776584e-05	2.045994e-04	-3.904354e-04	2.004899e-03
## SPNCRNA.664	-1.568891e-06	1.912245e-05	-1.477344e-05	-8.339188e-06
## SPNCRNA.665	-5.498380e-07	2.676613e-06	-3.440537e-06	-1.730857e-05
## SPAC3H8.06	-2.910392e-05	5.722854e-04	-5.332108e-04	2.339243e-03
## SPAC3H8.07c	-2.978079e-05	3.649914e-04	-3.361072e-04	9.084488e-04
## SPNCRNA.666	-7.579048e-07	8.174525e-05	-1.299975e-04	5.731123e-04
## SPAC3H8.09c	-5.501328e-05	4.112581e-04	3.510665e-04	-2.026309e-03
## SPAC1F3.07c	-1.956041e-05	9.351432e-05	-1.278636e-04	4.822106e-04
## SPNCRNA.668	2.374510e-07	6.980326e-05	-1.087586e-04	2.366201e-04
## SPAC1F3.08c	5.200918e-08	-3.288840e-08	2.851632e-07	1.087368e-06
## SPAC1F3.09	-2.063819e-04	1.323973e-03	4.990410e-04	-5.232096e-03
## SPNCRNA.669	-1.828244e-05	1.175465e-04	-3.202623e-05	-6.133797e-04
## SPAC1F3.10c	-2.534213e-05	3.073061e-04	-2.025260e-04	8.152824e-05
## SPAC1D4.04	-1.968593e-04	1.823513e-03	-2.565070e-03	4.401215e-03
## SPAC1D4.06c	-8.165730e-06	1.211698e-04	-7.232537e-05	7.707426e-04
## SPAC1D4.08	-5.270357e-05	5.311918e-04	-4.890422e-04	2.671510e-03
## SPAC1D4.09c	-9.341794e-06	1.614786e-04	-7.493539e-05	4.522032e-04
## SPAC1D4.11c	-3.037549e-05	1.482689e-04	1.162839e-04	1.243405e-03
## SPNCRNA.672	-7.552513e-06	1.078013e-04	-7.880396e-05	2.299345e-04
## SPNCRNA.673	-1.236827e-06	8.483551e-06	6.175287e-06	-4.458357e-07
## SPAC1D4.13	-7.244828e-05	7.037655e-04	-1.898042e-04	-3.456345e-04
## SPNCRNA.674	-5.507886e-06	5.107965e-05	-4.109269e-05	3.763042e-04
## SPAC22F3.12c	-4.957772e-06	3.846219e-05	-3.711834e-05	1.806032e-04
## SPAC22F3.09c	-2.986445e-05	1.122629e-04	-8.031838e-05	-9.860231e-04

## SPAC22F3.15	5.808733e-07	4.547617e-05	-7.126829e-05	6.959978e-05
## SPAC22F3.06c	-3.354750e-04	3.797567e-03	-2.814415e-03	3.905043e-03
## SPAC22F3.04	2.513814e-07	2.864864e-06	-6.331344e-06	3.211970e-05
## SPATRNAVAL.02	4.362277e-05	9.348232e-03	2.524008e-02	1.300402e-02
## SPAC22F3.02	-5.563615e-06	4.919466e-05	-7.348601e-06	-6.298340e-05
## SPAC1296.01c	-1.177643e-04	1.183606e-03	-4.671920e-04	-1.960402e-05
## SPAC1296.02	-1.004394e-04	1.264732e-03	-2.631844e-04	8.240972e-04
## SPATRNAGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	-5.211653e-05	7.295706e-04	-4.878512e-04	1.797458e-03
## SPAC1296.06	-1.043504e-05	2.295642e-04	-3.530173e-04	5.935225e-04
## SPAC22G7.02	-3.009570e-05	8.366029e-04	-7.007861e-04	3.353110e-03
## SPAC22G7.04	-4.215623e-05	1.040274e-03	-6.486274e-04	4.666987e-03
## SPAC22G7.06c	-2.181394e-03	6.745566e-03	-1.063120e-02	3.948459e-02
## SPAC22G7.07c	-1.536474e-05	1.593792e-04	-1.220672e-04	3.399255e-04
## SPAC22G7.08	-2.192462e-05	6.964424e-05	-9.497135e-05	-9.751366e-04
## SPAC22G7.11c	-1.680475e-05	6.675696e-05	6.676626e-05	-9.406529e-04
## SPNCRNA.679	-5.716425e-06	1.703870e-05	-8.503231e-06	-8.848407e-05
## SPNCRNA.680	-5.044400e-06	1.794563e-05	-5.392959e-05	-1.852121e-05
## SPAC4G8.04	-4.477548e-05	2.381220e-04	-2.503283e-04	-1.955241e-04
## SPAC4G8.05	-6.505256e-05	4.613336e-04	-8.216165e-05	-1.978134e-03
## SPAC4G8.07c	-4.246017e-06	1.543790e-04	-3.069010e-04	1.206415e-03
## SPNCRNA.681	-4.970198e-07	1.576915e-06	-2.577430e-07	-1.930976e-06
## SPNCRNA.682	-4.236367e-06	3.441432e-05	-2.236839e-05	3.555600e-05
## SPAC4G8.09	-4.349970e-05	7.074449e-04	-4.092383e-04	1.561808e-03
## SPNCRNA.683	-4.389766e-06	2.218702e-05	-1.830234e-05	-4.583651e-05
## SPAC4G8.10	-5.050585e-05	2.691599e-04	-6.763787e-05	-1.512128e-03
## SPNCRNA.684	1.070223e-06	2.446629e-05	2.991408e-05	-6.667666e-06
## SPAC16C9.01c	-4.678941e-05	4.270107e-04	1.128382e-06	-8.565214e-04
## SPNCRNA.685	-2.191192e-06	9.141088e-06	-6.290231e-06	3.220334e-08
## SPNCRNA.686	-1.988696e-06	2.654360e-05	-7.820389e-07	-2.798747e-04
## SPAC16C9.02c	-1.631441e-04	2.149043e-03	-2.102156e-03	4.843767e-03
## SPAC16C9.03	-3.348447e-05	4.295382e-04	-4.596755e-04	5.121125e-03
## SPAC16C9.04c	-4.178088e-05	3.255365e-04	-2.877112e-04	9.222915e-04
## SPNCRNA.687	-1.388035e-06	2.363759e-05	-1.626619e-05	-3.845409e-05
## SPAC16C9.06c	-8.342645e-05	9.538523e-04	-8.364268e-04	5.399447e-03
## SPAC16C9.07	-2.176300e-05	4.842312e-04	-3.365555e-04	2.293535e-03
## SPAC2G11.04	-1.277586e-06	6.632829e-05	-7.915814e-05	3.864240e-04
## SPAC2G11.05c	-2.943962e-06	1.126236e-04	-6.009183e-05	4.604772e-04
## SPAC2G11.08c	-2.673835e-06	1.106899e-04	-1.029132e-04	4.747515e-04
## SPAC2G11.10c	-1.141046e-05	1.842889e-04	-1.254181e-04	1.000412e-03
## SPNCRNA.689	-3.356685e-06	2.726253e-05	-3.054434e-05	6.083236e-05
## SPAC2G11.11c	-5.945019e-06	4.143060e-04	-4.747908e-04	4.590873e-03
## SPNCRNA.690	-1.880613e-06	2.040869e-05	-1.807272e-05	1.183364e-04
## SPAC2G11.13	-3.095736e-05	2.854487e-04	-1.588235e-06	-1.045804e-03
## SPAC2G11.14	-1.647753e-04	9.303042e-04	-2.131197e-04	-2.085113e-03
## SPAC2G11.15c	-7.966831e-06	7.883283e-05	-1.195068e-04	3.089125e-04
## SPAC521.04c	-1.252485e-04	8.443303e-04	4.285172e-04	-2.649805e-03
## SPNCRNA.693	2.769584e-07	-1.747803e-08	-9.908912e-07	-9.529072e-06
## SPAC23G3.02c	-1.598827e-04	1.173271e-03	-1.152499e-03	3.031537e-03
## SPAC23G3.03	-2.889285e-05	1.109721e-04	5.950199e-05	-8.639853e-04
## SPAC23G3.05c	-2.086140e-05	1.402340e-04	-1.891627e-04	-1.354988e-04
## SPAC23G3.09	-5.088495e-05	5.224135e-04	-2.904634e-04	6.475504e-04
## SPAC23G3.11	-2.112652e-04	2.409143e-03	5.466241e-04	-1.243159e-03
## SPAC23G3.12c	-1.350616e-04	1.204832e-03	-6.084706e-04	5.882014e-03

## SPAC22H12.03	-8.979705e-06	1.476315e-04	-3.931045e-05	3.509867e-04
## SPAC22H12.04c	-2.624288e-03	3.244697e-02	-1.161782e-02	3.582297e-02
## SPAC1687.02	-3.017079e-06	9.137322e-05	-2.418453e-05	5.395256e-04
## SPAC1687.03c	-2.256335e-05	5.540428e-04	-6.342733e-04	2.085401e-03
## SPNCRNA.695	-2.700326e-06	2.912146e-05	-4.267965e-05	6.594235e-05
## SPRRNA.12	-4.628388e-03	3.639138e-02	7.210027e-02	-2.858765e-02
## SPAC1687.07	-3.628093e-06	5.197257e-05	-3.770432e-05	-1.152222e-04
## SPAC1687.08	-1.968082e-06	2.460908e-05	-2.371887e-05	-7.870216e-05
## SPAC1687.09	-1.476031e-04	5.699771e-04	-3.300272e-04	-1.482304e-03
## SPAC1687.10	6.240541e-06	3.060134e-04	-2.771650e-04	1.691176e-03
## SPAC1687.13c	-1.804105e-05	2.029643e-04	-1.258027e-04	-1.363877e-04
## SPAC1687.23c	5.683397e-08	5.737982e-07	5.163317e-07	-3.374878e-06
## SPAC1687.15	-3.487518e-05	3.466525e-04	-2.497137e-04	5.761763e-04
## SPNCRNA.697	-1.500900e-06	5.769675e-06	-3.994369e-06	-4.790562e-06
## SPAC1687.21	-9.870754e-05	1.408707e-03	-9.928195e-05	2.103780e-03
## SPAC1687.22c	-7.100059e-05	1.920500e-04	-3.486276e-05	-1.020435e-03
## SPNCRNA.698	-5.589742e-06	5.636452e-05	-5.450098e-05	1.902247e-04
## SPNCRNA.699	-4.958261e-06	4.693197e-05	-2.127976e-05	2.233692e-04
## SPAC222.05c	-1.572420e-05	2.932405e-04	-1.574136e-04	9.390382e-04
## SPNCRNA.700	-3.582010e-06	1.595177e-05	-3.926695e-06	1.319942e-04
## SPATRNAGLU.02	-6.442095e-04	4.160724e-02	6.758495e-02	2.608851e-02
## SPAC222.09	-3.281791e-05	1.558347e-04	-2.953117e-04	3.020808e-03
## SPAC222.10c	-5.303728e-06	9.306123e-05	-8.096343e-05	9.023765e-04
## SPAC222.11	-5.453112e-05	4.769495e-04	-1.256897e-03	2.707970e-03
## SPAC222.12c	-1.422879e-03	1.033928e-02	4.273406e-04	6.735527e-03
## SPAC222.13c	-4.933667e-05	4.374539e-04	-9.534817e-05	-5.015500e-05
## SPAC222.14c	-6.614066e-05	7.560032e-04	-6.408516e-04	1.114320e-03
## SPNCRNA.50	1.607792e-07	2.463527e-06	-1.942028e-06	3.929295e-05
## SPAC821.03c	-8.227416e-05	8.552765e-04	-1.571444e-04	1.730276e-03
## SPAC821.04c	-5.424254e-05	1.842891e-04	-1.388810e-04	-6.502046e-04
## SPSNRNA.03	-9.573049e-03	6.937497e-02	6.783747e-02	2.502394e-02
## SPAC821.07c	-1.289433e-05	2.173451e-04	-3.404742e-04	1.461086e-03
## SPNCRNA.163	-5.056118e-07	1.171352e-06	-3.445123e-06	3.252360e-05
## SPNCRNA.164	1.889077e-08	-4.110596e-07	4.206524e-07	1.663177e-06
## SPAC821.11	-1.264341e-04	1.259144e-03	-1.252852e-03	2.593228e-04
## SPAC821.13c	-5.765979e-05	6.887964e-04	-4.524217e-04	1.876624e-03
## SPAC139.03	-3.843136e-05	3.676939e-04	-2.259410e-04	-4.304078e-04
## SPAC139.04c	-4.506304e-05	3.026736e-04	-6.462479e-05	-1.103133e-03
## SPNCRNA.705	-1.538970e-07	4.067246e-06	-7.453027e-06	-2.102406e-05
## SPAC139.05	-6.049172e-04	3.019399e-04	1.552703e-03	-2.838884e-02
## SPNCRNA.706	-3.131787e-06	6.907214e-05	-1.900401e-04	5.965695e-04
## SPAC139.06	-4.641180e-05	4.220108e-04	-6.318559e-04	1.343925e-03
## SPNCRNA.707	9.909937e-07	9.936745e-06	-8.022905e-06	5.828420e-05
## SPAC23C4.02	-9.680261e-05	1.448037e-03	-1.223088e-03	5.624853e-03
## SPAC23C4.04c	-3.256898e-06	6.694245e-05	-8.021772e-05	3.209770e-04
## SPAC23C4.07	-2.499834e-06	5.790658e-05	-1.322719e-05	5.241431e-05
## SPAC23C4.08	-1.258396e-04	1.020193e-03	-3.064222e-04	-1.941785e-03
## SPNCRNA.708	-6.927050e-06	7.673334e-05	-8.323898e-06	1.756028e-05
## SPAC23C4.12	-3.087192e-05	1.548684e-04	-1.337033e-04	-1.129932e-04
## SPAC23C4.16c	-4.573132e-05	4.773833e-04	-6.212930e-05	4.647261e-04
## SPNCRNA.709	-1.095065e-06	5.716659e-05	1.423812e-06	1.309466e-04
## SPNCRNA.166	-8.877774e-07	5.395544e-06	-2.364407e-06	1.140396e-05
## SPAC23C4.19	-9.652797e-05	9.970218e-04	-1.538703e-03	5.280639e-03
## SPAC1A6.11	-1.137404e-06	2.774093e-06	8.479650e-06	-2.508520e-05

## SPAC1A6.05c	-2.884246e-05	5.980137e-04	-3.562574e-04	1.429397e-03
## SPAC1A6.07	-8.688691e-05	1.517333e-04	1.829638e-04	-1.459582e-03
## SPAC1A6.09c	-4.012268e-05	1.390266e-03	-1.316603e-03	6.209499e-03
## SPAC1A6.10	-7.770568e-05	1.203408e-03	-9.977471e-04	3.916273e-03
## SPAC30D11.13	-7.784130e-06	1.297520e-04	-1.054286e-04	4.952622e-04
## SPAC30D11.12	-3.894554e-04	4.671020e-03	-2.380451e-03	6.061424e-03
## SPAC30D11.11	-5.554135e-05	4.284531e-04	-1.562628e-03	9.916941e-04
## SPAC30D11.10	-2.405926e-05	1.391514e-04	-2.600458e-04	4.482502e-04
## SPNCRNA.712	-6.096007e-07	1.568205e-05	-2.223750e-05	1.161901e-05
## SPAC30D11.09	-1.448686e-05	2.068702e-04	-2.608221e-04	6.347973e-04
## SPAC30D11.08c	-2.247113e-05	8.484206e-05	-8.249692e-05	-1.109685e-04
## SPAC30D11.04c	-6.244907e-05	2.206964e-04	-7.927750e-05	2.495600e-03
## SPAC30D11.03	-5.577336e-05	7.225172e-04	-1.172439e-03	5.265697e-03
## SPAC30D11.01c	-5.884526e-05	2.839927e-04	1.476934e-04	-2.267158e-03
## SPNCRNA.713	-1.289809e-06	4.866403e-05	-5.906638e-05	1.003869e-04
## SPNCRNA.714	-1.173240e-07	1.087750e-06	-6.157377e-07	-9.166236e-06
## SPAC56F8.03	-2.046800e-04	2.446186e-03	-5.179772e-03	1.428208e-02
## SPAC56F8.05c	-1.966960e-04	2.185187e-03	-2.217218e-03	-6.205442e-04
## SPNCRNA.715	-2.978345e-07	7.280962e-06	1.855866e-05	-2.004479e-05
## SPAC56F8.07	-1.924833e-05	2.198471e-04	-8.862986e-05	3.541947e-04
## SPAC56F8.08	-9.361857e-05	1.059101e-03	-7.358765e-05	7.936418e-04
## SPAC56F8.10	-1.171268e-04	8.381366e-04	-4.333883e-04	5.308670e-04
## SPAC56F8.11	-4.356127e-05	7.079284e-04	-1.602624e-04	1.996995e-03
## SPAC56F8.14c	-2.349908e-05	1.665212e-04	-3.920146e-04	1.726887e-03
## SPAC56F8.13	-1.709319e-06	1.817818e-05	-4.446835e-05	-8.278897e-07
## SPAC56F8.15	-8.756606e-06	-9.856479e-07	-1.440254e-05	3.056426e-05
## SPAC22A12.01c	-1.160157e-05	1.836555e-04	-2.241944e-04	1.538493e-03
## SPAC22A12.03c	-1.271276e-05	3.157022e-04	-7.012551e-05	8.966147e-04
## SPAC22A12.05	-2.029061e-05	3.575534e-04	-1.484366e-05	2.266330e-03
## SPAC22A12.06c	-2.489555e-05	2.609059e-04	-7.163630e-04	1.495334e-03
## SPNCRNA.718	6.364978e-08	2.107316e-05	-2.825530e-05	2.315359e-05
## SPAC22A12.13	-1.009594e-05	1.136695e-04	-1.718704e-04	3.690455e-04
## SPAC22A12.15c	-1.761443e-03	2.225234e-02	-9.940154e-03	3.337130e-02
## SPAC22A12.16	-6.932709e-04	8.225070e-03	-4.302410e-03	1.311477e-02
## SPAC4C5.01	1.127302e-05	4.273440e-04	-7.414819e-04	3.167639e-03
## SPATRNAALA.02	-7.820938e-08	1.209665e-04	2.755275e-04	3.367929e-05
## SPNCRNA.722	-1.485164e-06	1.096883e-04	-1.450994e-04	6.165294e-04
## SPAC4C5.04	-2.718901e-05	3.009291e-04	-1.309182e-05	6.666956e-04
## SPNCRNA.723	-6.237590e-06	4.406215e-05	-1.743223e-05	2.510374e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-8.948182e-04	9.203154e-03	1.107765e-03	3.013764e-02
## SPAC10F6.04	-3.000147e-05	2.839458e-04	-1.051481e-04	4.838939e-04
## SPAC10F6.06	-7.564277e-04	6.733187e-03	6.024620e-03	-2.541423e-02
## SPAC10F6.07c	-7.495587e-06	5.365127e-05	1.059468e-05	2.173773e-04
## SPNCRNA.554	-1.215752e-06	8.093617e-06	2.319795e-06	-7.882183e-05
## SPAC10F6.08c	-5.745178e-06	2.578438e-05	-2.470550e-05	1.289302e-04
## SPAC10F6.09c	-4.367142e-05	1.022788e-03	-1.031755e-03	3.498021e-03
## SPAC10F6.11c	-4.182056e-05	5.504089e-04	-2.269797e-05	-7.209575e-04
## SPAC10F6.12c	-3.167327e-05	3.654674e-04	-4.767162e-04	1.601498e-03
## SPAC10F6.13c	-1.373580e-04	1.266222e-03	-1.241454e-03	3.318181e-05
## SPAC10F6.14c	-1.824046e-05	2.713522e-04	-1.739127e-04	7.106219e-04
## SPNCRNA.82	7.110549e-08	7.712186e-07	2.879378e-06	5.133508e-06
## SPNCRNA.727	-1.184904e-06	3.743787e-05	-2.266559e-05	1.867060e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPNCRNA.728	-3.118070e-05	2.298921e-04	4.426465e-05	-1.381901e-03
## SPNCRNA.729	-3.205494e-07	3.465648e-07	-1.939933e-06	1.226412e-07
## SPAC10F6.16	-1.968170e-04	1.672167e-03	6.701655e-06	-5.209561e-03
## SPAC56E4.02c	-1.034616e-05	1.432477e-04	-8.444530e-05	3.962413e-04
## SPAC56E4.04c	-1.879260e-03	1.267340e-02	-2.699373e-02	4.378192e-02
## SPAC56E4.05	-2.013968e-05	2.898760e-04	-1.359347e-04	8.325746e-04
## SPAC56E4.06c	-3.440759e-05	4.566971e-04	-1.071096e-04	-1.121047e-04
## SPAC1420.01c	-7.048093e-05	6.814610e-04	-8.042779e-04	3.092726e-03
## SPAPB17E12.04c	-2.059804e-05	1.507186e-04	-1.041662e-05	-1.894967e-04
## SPAPB17E12.06	-9.428863e-07	6.357785e-05	-6.861817e-05	2.963656e-04
## SPAPB17E12.07c	-3.375861e-06	1.892782e-04	-9.381779e-05	6.369594e-04
## SPAPB17E12.08	-4.045361e-06	1.064668e-04	-4.118651e-05	2.981553e-04
## SPAPB17E12.10c	-4.480154e-06	1.824628e-04	-1.235169e-04	1.039141e-03
## SPAPB17E12.09	-1.139289e-07	5.878867e-06	-1.278506e-05	1.186789e-05
## SPAPB17E12.12c	-1.081258e-05	1.322447e-04	-1.088645e-04	3.566724e-04
## SPAPB17E12.14c	-8.326717e-05	4.066467e-04	-2.194899e-04	-1.317909e-04
## SPAPB17E12.13	-3.721190e-04	1.618224e-03	-3.439466e-03	1.571448e-02
## SPAC1565.01	-2.298793e-05	9.756829e-04	-6.358406e-04	5.789343e-03
## SPAC1565.02c	-1.691579e-05	2.639073e-04	-3.861128e-05	8.336532e-04
## SPAC1565.04c	-1.293069e-06	6.972037e-05	-8.537051e-05	4.757336e-05
## SPNCRNA.169	3.223858e-08	2.725238e-08	-6.240938e-07	2.582282e-06
## SPAC1565.08	-1.424160e-03	9.664050e-03	1.208525e-03	-1.311031e-02
## SPAC6F12.02	-6.872301e-05	3.624857e-04	-1.521404e-04	1.759819e-05
## SPAC6F12.03c	-2.626375e-05	2.439893e-04	-5.362990e-05	-7.875185e-05
## SPAC6F12.04	-6.041533e-05	6.319602e-04	-4.023478e-05	7.203234e-04
## SPAC6F12.05c	-2.579105e-05	4.943476e-04	-3.262132e-04	1.330933e-03
## SPAC6F12.10c	-5.476886e-04	6.679925e-03	-1.176950e-02	2.663902e-02
## SPNCRNA.734	-4.348633e-08	1.312410e-06	7.448794e-07	3.004419e-06
## SPAC6F12.11c	-2.775072e-05	3.830603e-04	-1.923534e-04	9.853097e-04
## SPAC6F12.14	-1.888696e-05	3.458326e-04	-1.533427e-04	8.419351e-04
## SPNCRNA.735	-1.271776e-06	3.926172e-05	-9.370939e-06	5.656466e-05
## SPAC6F12.16c	-6.585868e-05	1.058714e-03	-2.703113e-03	7.949932e-03
## SPAC6F12.17	-1.325254e-04	1.522314e-03	-4.939434e-04	2.075257e-03
## SPNCRNA.736	-6.462957e-06	4.511848e-06	-4.827002e-06	1.221582e-04
## SPNCRNA.737	-3.244615e-06	3.938531e-06	-1.789069e-06	-1.054119e-04
## SPAC57A10.02	-4.422408e-05	1.875111e-04	-9.292652e-05	9.990755e-04
## SPNCRNA.739	3.638789e-08	4.087399e-06	-1.120389e-05	4.911238e-05
## SPAC57A10.04	-1.905377e-06	4.081474e-05	1.684053e-05	5.787325e-05
## SPAC57A10.14	-3.262276e-06	1.038057e-04	-1.353700e-04	5.595584e-04
## SPAC57A10.10c	-6.498141e-05	1.036375e-03	-2.605654e-03	6.383570e-03
## SPAC57A10.11c	-5.145953e-05	6.913632e-04	-4.359486e-04	1.351009e-03
## SPAC20G8.01	-9.725515e-06	4.468692e-04	-3.842488e-04	1.696958e-03
## SPAC20G8.02	-3.552050e-05	4.608124e-04	-1.059829e-04	-2.696387e-04
## SPNCRNA.58	-6.371221e-06	9.933986e-05	-8.529084e-05	1.542893e-04
## SPAC20G8.03	-1.743548e-04	1.215642e-03	-1.384310e-03	1.428213e-03
## SPNCRNA.740	-3.608214e-06	6.175218e-05	2.575292e-05	4.076750e-04
## SPAC20G8.07c	-6.344016e-05	6.189184e-04	-1.023671e-03	1.776599e-03
## SPATRNACYS.01	1.639053e-05	7.062543e-04	1.095991e-03	1.045485e-03
## SPAC3A12.02	-5.534606e-06	1.694225e-04	-3.387259e-05	1.025660e-03
## SPAC3A12.03c	-1.210757e-05	3.914671e-04	-2.157506e-04	1.896005e-03
## SPAC3A12.05c	-4.209884e-05	3.389186e-04	-4.289026e-04	2.704819e-03
## SPAC3A12.06c	-6.200422e-05	1.876871e-04	3.041277e-05	-8.333327e-04
## SPAC3A12.08	-1.120838e-05	1.335998e-04	3.707323e-05	-1.870222e-04
## SPAC3A12.09c	-2.417814e-06	1.894411e-04	-9.047457e-05	9.646539e-04

## SPAC3A12.10	-7.153765e-04	7.223647e-03	-4.836320e-03	1.547558e-02
## SPAC3A12.12	-2.777229e-06	1.390410e-04	-1.883880e-04	6.311002e-04
## SPAC3A12.13c	-4.067425e-05	1.311821e-03	-1.073647e-03	7.067249e-03
## SPATRNAPRO.03	2.685403e-05	1.028051e-03	2.559254e-03	1.742308e-03
## SPAC3A12.16c	-4.075602e-05	8.686325e-04	-1.069730e-03	4.588399e-03
## SPAC3A12.17c	-3.748248e-05	4.136368e-04	-1.163283e-04	-1.061260e-04
## SPAC9.02c	-1.209207e-05	1.532469e-04	-3.513497e-04	6.774586e-04
## SPAC9.04	1.441591e-08	-1.510004e-07	3.107535e-08	3.450415e-06
## SPAC9.07c	-2.421164e-04	2.541954e-03	1.134303e-04	1.032465e-03
## SPNCRNA.742	-2.232754e-06	2.277720e-05	-8.158341e-05	3.891596e-05
## SPATRNAMET.02	-1.858299e-04	6.831409e-03	1.079908e-02	1.463055e-03
## SPAC9.11	-5.139965e-06	6.127249e-05	-9.009105e-05	4.577551e-04
## SPAC9.12c	-1.639048e-06	3.615612e-04	-2.555297e-04	9.724142e-04
## SPAC9.13c	-2.672923e-05	2.301410e-04	-1.587988e-04	-8.597256e-04
## SPAC5D6.13	-3.374298e-05	7.532074e-04	-6.594366e-04	3.640395e-03
## SPAC5D6.08c	-5.551597e-06	2.723987e-05	-5.272414e-05	5.486626e-04
## SPAC5D6.06c	-4.843798e-06	1.602938e-04	-7.128536e-05	7.601278e-04
## SPAC5D6.05	-1.701821e-05	2.736683e-04	-2.145888e-04	1.484857e-03
## SPAC5D6.01	-1.240484e-04	2.475015e-03	-2.899702e-03	1.139497e-02
## SPNCRNA.173	-2.457968e-06	1.653168e-05	-2.337479e-06	7.843610e-05
## SPAC57A7.13	-2.690867e-05	3.060777e-04	-2.617098e-04	1.013182e-03
## SPAC57A7.12	-8.194973e-04	7.768016e-03	-9.773889e-03	1.737622e-02
## SPAC57A7.11	-6.939801e-05	4.183212e-04	-3.855023e-04	2.415518e-03
## SPAC57A7.09	-2.888447e-05	1.480149e-04	9.966334e-05	-6.981985e-04
## SPATRNALEU.01	-2.642553e-06	1.085987e-03	1.039860e-03	-1.363904e-05
## SPAC57A7.07c	-1.949738e-05	2.993500e-04	-2.138879e-04	9.410348e-04
## SPNCRNA.744	9.625978e-08	2.069829e-06	-7.736165e-06	1.384542e-05
## SPAC57A7.05	-1.757649e-04	7.998497e-05	3.708972e-04	-7.749959e-03
## SPAC57A7.15c	-2.101634e-06	4.960501e-05	-1.743801e-05	1.798142e-04
## SPAC167.06c	-3.730977e-05	1.702592e-04	8.156219e-05	-2.192178e-03
## SPAC167.02	-1.602533e-05	3.357437e-04	-1.101950e-04	4.754976e-04
## SPAC167.03c	-3.533843e-05	3.110238e-04	-2.382585e-04	-2.193863e-04
## SPAC167.01	-3.393899e-05	3.389577e-04	-1.275292e-04	1.081104e-03
## SPNCRNA.555	1.541432e-07	1.918359e-06	-5.789156e-06	1.355845e-05
## SPRRNA.53	-3.711970e-03	8.539609e-02	1.134480e-01	-9.700612e-03
## SPAC1705.02	-3.244296e-06	2.327498e-04	-2.885102e-04	7.199083e-04
## SPNCRNA.175	2.492119e-08	8.591999e-07	6.598054e-06	2.473216e-05
## SPAC23H4.18c	-1.815614e-05	3.677860e-04	7.732167e-05	5.057000e-04
## SPAC23H4.14	-1.583225e-05	2.721459e-04	-1.534130e-04	7.282258e-04
## SPAC23H4.11c	-7.637846e-06	1.211880e-04	-1.394523e-04	3.332705e-04
## SPAC23H4.10c	-3.770183e-05	5.553645e-04	-5.814476e-04	1.418208e-03
## SPAC23H4.09	-5.302108e-04	5.659370e-03	-1.284868e-03	2.946256e-03
## SPAC23H4.06	-1.535139e-04	2.183584e-03	-2.491903e-03	1.402546e-02
## SPAC23H4.03c	-6.348695e-05	1.321325e-03	-5.147459e-04	3.121353e-03
## SPAC23H4.02	-1.436609e-05	8.876164e-05	-1.947550e-04	8.338597e-04
## SPAC23H4.01c	-7.013581e-05	6.430588e-04	-1.492996e-03	1.860657e-04
## SPAP27G11.02	-2.634285e-05	3.944040e-04	-1.220422e-04	8.515285e-04
## SPNCRNA.748	5.604783e-07	5.633789e-06	3.932921e-06	1.356550e-05
## SPAP27G11.04c	-3.770408e-05	4.179564e-04	-3.179503e-04	8.962444e-04
## SPAP27G11.06c	-3.848901e-05	5.045761e-04	-2.120339e-04	5.675301e-04
## SPAP27G11.07c	-2.056491e-05	1.835332e-04	-1.348931e-04	6.687518e-06
## SPAP27G11.08c	5.949323e-07	1.996898e-05	-3.171687e-06	-2.816221e-05
## SPAP27G11.10c	-6.351652e-05	1.497441e-03	-5.086254e-04	8.459689e-03
## SPAP27G11.11c	-8.149946e-07	4.914829e-06	-2.622884e-06	-4.991086e-05

## SPNCRNA.750	-1.845677e-06	1.180652e-05	-4.739923e-06	-1.073546e-05
## SPAP27G11.16	-4.042839e-06	3.701300e-05	-1.809134e-05	4.326042e-05
## SPAP27G11.12	-9.306248e-05	5.568420e-04	-3.510221e-04	8.225456e-04
## SPAP27G11.13c	-7.011770e-05	8.842762e-04	-1.113764e-03	2.780176e-03
## SPAC343.02	-1.882236e-05	3.888216e-04	-3.395129e-04	1.193328e-03
## SPATRNAGLY.01	-6.114642e-05	1.200364e-03	2.131994e-03	-1.801502e-03
## SPNCRNA.751	4.575505e-07	1.496176e-05	-2.779215e-05	1.010502e-04
## SPAC343.06c	-6.356803e-05	3.933300e-04	2.641499e-04	-1.460968e-03
## SPAC343.09	-9.657342e-05	9.777238e-04	-2.174324e-05	-2.663347e-04
## SPNCRNA.753	-3.454404e-07	-2.549976e-06	5.840300e-06	-1.901626e-05
## SPAC343.21	-6.738326e-06	3.450944e-05	-9.872776e-05	-4.011184e-04
## SPAC343.12	-1.163214e-03	1.633005e-03	7.428793e-03	-4.673818e-02
## SPAC343.13	-4.997408e-06	1.837556e-04	-2.215118e-04	9.434726e-04
## SPAC343.14c	-4.679858e-05	4.759837e-04	-5.035014e-04	1.175975e-03
## SPAC343.16	-2.542729e-04	3.356774e-03	-5.533910e-03	1.052313e-02
## SPAC343.18	-1.340110e-05	2.448410e-04	-1.018247e-04	2.976628e-04
## SPAC343.19	-2.007214e-05	3.738503e-04	-3.008354e-04	1.302863e-03
## SPAC824.02	-5.452331e-05	6.073372e-04	-3.551623e-04	2.139399e-03
## SPAC824.03c	-1.709263e-05	3.079248e-04	-1.623630e-04	1.315206e-03
## SPNCRNA.755	-3.270145e-07	1.589653e-05	-1.345247e-05	-4.253680e-05
## SPAC824.06	-3.618494e-05	4.900148e-04	-4.462596e-04	1.657507e-03
## SPAC824.09c	-2.595380e-05	2.907212e-04	-1.641968e-04	1.264372e-03
## SPNCRNA.177	-3.227814e-07	1.821169e-07	5.559370e-06	8.528299e-06
## SPAC664.01c	-2.945289e-05	6.328988e-04	-7.829564e-04	2.126354e-03
## SPAC664.02c	-2.555014e-05	4.320564e-04	-3.749402e-04	1.079332e-03
## SPAC664.05	-8.290661e-04	2.074592e-03	-2.680825e-03	1.481503e-02
## SPNCRNA.756	4.112314e-06	7.373965e-05	-6.643014e-05	5.561058e-04
## SPAC664.06	-8.474474e-05	1.923843e-03	-2.106299e-03	1.086529e-02
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	-1.617904e-06	1.142673e-05	-4.702752e-06	9.132571e-06
## SPAC664.13	-2.756372e-06	2.050360e-05	-3.176282e-05	8.681313e-05
## SPATRNALYS.02	2.132664e-06	1.929890e-04	2.141586e-04	3.267118e-04
## SPAC664.15	-4.530781e-05	1.948611e-04	-9.079208e-05	-7.635241e-04
## SPAC105.02c	-8.083328e-05	1.173736e-03	-6.996619e-04	2.649459e-03
## SPATRNATYR.01	-1.803573e-05	1.703353e-03	2.930430e-03	6.385282e-04
## SPAC105.03c	-3.348379e-05	5.818803e-04	-5.753720e-04	2.827064e-03
## SPAC17A5.01	-2.544289e-05	5.324945e-04	-6.652910e-04	2.404254e-03
## SPNCRNA.759	-4.030297e-08	5.935878e-06	-8.326939e-07	4.071827e-05
## SPNCRNA.556	-2.463793e-06	1.135750e-05	-1.602915e-06	-2.893335e-05
## SPAC17A5.05c	-5.134839e-06	1.232441e-04	-9.405806e-05	4.073774e-04
## SPAC17A5.07c	-1.843189e-05	1.838688e-04	-2.700256e-04	8.310425e-04
## SPAC17A5.09c	-2.248383e-05	1.790998e-04	1.324892e-04	-5.021995e-04
## SPATRNAILE.01	-7.192819e-06	2.167230e-04	4.009349e-04	2.951064e-04
## SPNCRNA.760	-1.140769e-06	2.094945e-05	-1.369104e-05	3.143260e-05
## SPNCRNA.761	-4.170112e-06	6.126493e-05	-8.562677e-05	1.397610e-04
## SPAC17A5.13	-4.460210e-05	5.205126e-04	-5.950239e-04	1.207993e-03
## SPAC17A5.15c	-4.485551e-04	4.651572e-03	-4.813453e-03	1.237154e-02
## SPNCRNA.762	-2.310264e-05	2.948740e-04	-3.668473e-04	5.042549e-04
## SPAC1002.01	-9.752605e-07	6.220131e-06	-1.890175e-05	1.276818e-04
## SPAC1002.06c	-2.728881e-07	3.779018e-06	8.243444e-06	-2.791744e-05
## SPAC1002.07c	-3.815013e-05	4.916659e-04	-5.345553e-04	5.862454e-04
## SPAC1002.08c	-4.188547e-05	4.623123e-04	-7.937709e-05	-4.444959e-04
## SPNCRNA.763	-5.067774e-07	2.987880e-05	-3.852886e-05	8.119672e-05
## SPAC1002.10c	-1.352727e-05	2.221665e-04	-1.589420e-04	4.389466e-04

## SPAC1002.11	-2.072603e-05	4.008328e-04	1.217195e-04	5.140872e-04
## SPAC1002.13c	-5.052148e-04	4.048025e-03	-4.448846e-04	4.445763e-02
## SPAC1002.15c	-1.137145e-05	9.986584e-05	-1.794577e-04	5.636880e-04
## SPAC1002.14	-6.612554e-05	5.697751e-04	1.321664e-04	-1.904312e-03
## SPAC1002.16c	2.474645e-06	1.042430e-05	-1.554677e-05	-3.809292e-05
## SPAC1002.17c	-7.994148e-05	6.335871e-04	9.039331e-04	-1.311789e-03
## SPAC1002.18	-7.350782e-05	8.410894e-04	3.119526e-04	-3.341841e-04
## SPAC1399.05c	-2.983860e-05	2.677664e-04	-2.502599e-04	2.829968e-04
## SPNCRNA.764	-6.096351e-06	5.039596e-05	-4.945569e-05	9.995912e-05
## SPNCRNA.178	-7.966614e-08	2.404037e-05	-6.151676e-05	8.986565e-05
## SPAC1399.02	-1.168215e-05	1.479529e-04	-1.815638e-04	6.424416e-04
## SPAC1399.06	-2.328382e-06	-2.604086e-06	-7.910503e-06	6.988398e-05
## SPAP11E10.01	-4.497970e-05	5.888435e-04	-3.393932e-04	9.180151e-04
## SPAPB1A10.03	-5.969919e-06	4.574961e-05	-6.055169e-06	1.648664e-04
## SPAPB1A10.16	-9.149171e-06	1.000877e-04	-1.194109e-04	2.043025e-04
## SPAPB1A10.04c	-1.442667e-05	1.909497e-04	-6.788515e-05	5.748122e-04
## SPNCRNA.765	6.076936e-07	2.215228e-05	-2.367706e-05	8.062922e-05
## SPAPB1A10.05	-1.353304e-05	5.557986e-05	5.149214e-05	-2.191447e-04
## SPNCRNA.766	-1.983430e-06	4.004647e-05	-2.744051e-05	1.615662e-04
## SPAPB1A10.09	-4.044286e-05	2.539150e-04	-2.683485e-04	5.654536e-04
## SPAPB1A10.13	-1.422808e-05	3.701461e-05	-1.180504e-04	7.173155e-04
## SPAPB1A10.14	-7.699865e-06	1.313893e-05	-2.536578e-06	3.109915e-04
## SPAPB1A10.15	-2.546707e-06	5.848215e-05	-4.632125e-05	3.104265e-04
## SPAC140.01	-1.724139e-04	1.678961e-03	4.303099e-04	-7.653605e-04
## SPAC140.03	-1.520334e-05	1.684947e-04	-1.499646e-04	7.765862e-04
## SPNCRNA.182	-8.664519e-08	7.777624e-08	1.603290e-06	-4.421985e-07
## SPNCRNA.772	-4.741035e-06	6.390369e-06	7.631399e-06	6.213319e-05
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	-4.249450e-08	1.855720e-05	-4.253337e-05	4.717429e-05
## SPAC110.01	-3.598170e-05	1.523412e-04	-5.202049e-04	2.217367e-03
## SPAC110.03	-7.074802e-05	1.337410e-03	-9.446277e-04	5.798066e-03
## SPNCRNA.774	-8.563761e-07	2.399198e-05	2.400522e-06	3.733038e-05
## SPAC3H1.01c	-5.393352e-05	7.765894e-04	-4.085243e-04	2.507148e-03
## SPAC3H1.02c	-8.035945e-05	8.840672e-04	-6.817613e-04	1.154970e-03
## SPAC3H1.04c	-2.935139e-05	6.192177e-04	-2.940280e-04	2.005203e-03
## SPAC3H1.05	-1.171846e-04	1.095813e-03	-1.022567e-03	2.705840e-03
## SPAC3H1.06c	-5.167624e-05	3.817203e-04	-2.056400e-04	4.745098e-04
## SPAC3H1.07	-5.735583e-04	3.535329e-03	-2.595485e-03	1.458096e-02
## SPAC3H1.09c	-4.688779e-05	4.369758e-04	-8.256557e-05	1.150724e-03
## SPNCRNA.777	-3.583999e-06	6.482324e-05	-8.700283e-05	2.012221e-04
## SPNCRNA.781	-4.297760e-06	4.504657e-05	-8.254679e-05	9.608511e-05
## SPNCRNA.783	-1.143387e-06	1.108262e-05	-3.114250e-05	5.122530e-05
## SPNCRNA.784	2.784566e-07	2.011798e-08	-2.513888e-05	6.041877e-06
## SPAC3H1.12c	-2.332745e-05	1.552603e-04	-5.851152e-05	2.512296e-04
## SPAC3H1.13	-9.865597e-06	1.893039e-04	-1.452019e-04	8.100381e-04
## SPNCRNA.530	-2.153896e-04	1.320507e-03	1.488029e-03	1.006594e-03
## SPAC9G1.14	7.199547e-08	9.320687e-06	-5.996387e-06	1.041704e-05
## SPAC9G1.02	-9.133749e-05	8.738263e-04	-1.081379e-03	5.268000e-03
## SPAC9G1.03c	-4.659852e-04	5.559418e-03	-3.421330e-03	2.114799e-02
## SPAC9G1.04	-4.101430e-06	4.086246e-04	-3.495696e-04	2.244051e-03
## SPAC9G1.08c	-2.140117e-05	2.485336e-04	-1.645954e-04	8.990484e-04
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	-2.618311e-06	1.002485e-04	-1.164533e-04	3.815812e-04
## SPAC9G1.10c	-4.007176e-05	1.688412e-04	-1.701415e-04	1.127155e-03

## SPAC9G1.13c	-1.200407e-05	2.683793e-04	-2.699000e-04	8.578303e-04
## SPNCRNA.785	-4.811168e-06	1.132289e-04	-1.135590e-04	5.226702e-04
## SPAC17H9.02	-5.422246e-05	7.175721e-04	-1.020575e-03	3.246159e-03
## SPAC17H9.03c	-6.150971e-06	1.258944e-04	-3.873925e-05	4.623573e-04
## SPAC17H9.04c	-4.755272e-05	1.504292e-03	-1.687761e-03	1.536067e-02
## SPNCRNA.787	1.636315e-07	-1.743463e-07	-5.882933e-07	-3.710864e-06
## SPAC17H9.09c	-3.404879e-05	6.195989e-04	-1.767304e-04	1.328476e-03
## SPAC17H9.10c	-4.969297e-05	1.207607e-03	-9.172981e-04	5.776217e-03
## SPAC17H9.12c	-2.100827e-05	1.209985e-04	-2.054055e-04	6.711941e-04
## SPAC17H9.13c	-4.980478e-05	9.587407e-04	-6.759714e-04	2.189761e-03
## SPAC17H9.14c	-5.924416e-04	5.119510e-03	-3.157036e-04	-1.274647e-03
## SPNCRNA.184	-3.854767e-07	7.924461e-06	1.827842e-06	1.032131e-05
## SPAC17H9.16	-1.538329e-04	1.810834e-03	-5.120243e-04	2.544947e-03
## SPAC17H9.17c	-6.486129e-06	1.078316e-04	-6.984234e-05	6.214377e-04
## SPAC17H9.20	-2.507644e-06	3.794469e-04	-4.806351e-04	1.920813e-03
## SPAC607.03c	-3.255282e-04	3.875095e-03	-3.712633e-03	1.011078e-02
## SPNCRNA.185	1.472694e-07	4.012322e-07	2.235140e-06	-3.653271e-09
## SPAC607.04	-1.365511e-05	3.120225e-04	-2.593778e-04	1.073308e-03
## SPAC607.05	-1.365836e-04	1.146701e-03	-6.019608e-04	8.358319e-04
## SPAC607.06c	-2.408931e-05	3.381732e-04	-2.403116e-04	1.007235e-03
## SPAC607.09c	-3.751951e-05	2.357323e-04	1.817852e-04	-1.409720e-03
## SPAC732.01	-4.155227e-05	4.956006e-04	-6.265417e-04	1.659725e-03
## SPAC732.02c	-6.335220e-05	6.448913e-04	-3.476883e-04	2.463736e-04
## SPAC3C7.02c	-1.272903e-05	1.314739e-04	-9.521003e-05	1.338920e-04
## SPNCRNA.791	-1.463565e-06	6.714976e-06	3.580142e-06	-6.886419e-05
## SPAC3C7.08c	-9.905242e-05	3.131181e-03	-4.146584e-03	2.389590e-02
## SPAC3C7.09	-9.824167e-06	1.444540e-04	-1.571427e-05	2.441724e-04
## SPNCRNA.793	-9.161600e-06	8.446568e-05	-6.411543e-06	-1.895964e-04
## SPNCRNA.794	-1.982774e-06	3.747750e-05	-1.259812e-04	-2.865310e-05
## SPAC25A8.03c	-2.270009e-05	1.945537e-04	-8.183015e-05	4.583889e-04
## SPAC25A8.02	-1.990787e-05	1.252796e-04	-5.294592e-05	-5.592841e-04
## SPAC631.02	-2.543086e-04	1.013388e-03	-3.814673e-04	-5.979759e-03
## SPAC20H4.02	-4.745490e-05	5.777718e-04	1.520677e-04	-3.743656e-04
## SPAC20H4.03c	-3.006939e-05	6.973739e-04	-4.158272e-04	2.155492e-03
## SPAC20H4.04	-1.674449e-05	6.376019e-05	-1.555666e-04	6.295139e-04
## SPAC20H4.08	-8.723237e-06	2.212106e-04	-3.393310e-04	8.524692e-04
## SPAC20H4.09	-1.052091e-05	2.453851e-04	-3.156128e-04	8.247915e-04
## SPNCRNA.797	-1.663425e-06	5.338642e-05	-8.137710e-05	1.890054e-04
## SPAC20H4.10	-1.025688e-04	7.669385e-04	-3.066549e-04	7.236832e-04
## SPAC23C11.01	-1.805749e-05	2.991409e-04	-2.205642e-04	1.826532e-03
## SPAC23C11.03	-4.655382e-05	1.030106e-03	-1.326749e-03	5.825355e-03
## SPAC23C11.04c	-6.432705e-06	8.804402e-05	-6.550253e-05	9.912754e-05
## SPAC23C11.05	-5.935651e-04	3.683872e-03	-2.181054e-03	6.305693e-03
## SPAC23C11.08	-8.992499e-06	8.497586e-05	-1.025707e-04	-1.539726e-04
## SPNCRNA.799	-2.476392e-06	1.675584e-05	1.334363e-05	-7.421000e-05
## SPAC23C11.09	-6.885591e-04	6.521911e-03	-5.934123e-03	1.186357e-02
## SPAC23C11.10	-4.482798e-06	1.770708e-05	-6.399804e-06	3.934586e-05
## SPAC23C11.11	-6.704697e-05	6.689246e-04	-8.301822e-04	3.411510e-03
## SPNCRNA.800	-1.180543e-05	9.997185e-05	4.085626e-05	2.489479e-04
## SPAC23C11.14	-4.154710e-05	9.052720e-04	-1.587533e-03	6.813635e-03
## SPAC23C11.15	-5.454273e-05	6.007336e-04	-3.878505e-04	1.496291e-03
## SPAC23C11.17	-1.403478e-04	1.723677e-03	-1.774687e-04	-1.133871e-03
## SPAC13F5.01c	-7.964091e-06	1.213339e-04	-2.030742e-04	1.419933e-03
## SPAC13F5.02c	-3.642895e-05	4.037502e-04	-2.954203e-04	5.379852e-04

## SPNCRNA.801	-1.407383e-06	1.818228e-05	-4.247158e-06	-5.442600e-06
## SPAC13F5.06c	-5.629606e-05	7.007808e-04	-2.031731e-04	8.779022e-04
## SPNCRNA.802	-1.044500e-06	1.014428e-05	-1.306836e-05	1.126651e-04
## SPAC13F5.07c	4.754553e-09	3.597058e-05	2.572812e-05	-9.432600e-06
## SPAC1783.02c	-1.481249e-05	2.954536e-04	-3.002739e-04	1.599711e-03
## SPAC1783.04c	-1.215872e-05	3.327771e-05	-2.062805e-04	1.240677e-03
## SPNCRNA.803	-2.796969e-06	1.513502e-05	-9.806315e-06	-7.348123e-05
## SPAC1783.06c	2.271386e-06	2.881794e-05	-4.546271e-05	8.650544e-05
## SPNCRNA.804	-5.849050e-07	1.522634e-05	-4.483044e-05	1.891820e-04
## SPAC1783.07c	-1.358422e-04	1.209051e-03	-1.744885e-04	-3.309777e-03
## SPAC1783.08c	-5.475851e-04	6.987706e-03	-2.218455e-03	2.116259e-02
## SPAC1327.01c	-2.037420e-05	1.972674e-04	-2.488053e-04	1.387949e-03
## SPAC18G6.01c	-2.569384e-05	2.919255e-04	-1.007599e-05	2.381807e-04
## SPAC18G6.02c	-9.651538e-06	3.529772e-04	-2.535654e-04	1.362784e-03
## SPATRNAVAL.03	3.074609e-05	1.683085e-03	3.096315e-03	2.499649e-03
## SPAC18G6.04c	-9.581090e-05	1.063264e-03	-1.078640e-03	2.038102e-03
## SPAC18G6.05c	-3.239601e-04	3.011695e-03	-4.084857e-03	1.727982e-02
## SPAC18G6.06	-3.164669e-05	3.885204e-04	-4.823342e-04	1.010234e-03
## SPAC18G6.07c	-1.151573e-04	1.322822e-03	-1.033199e-03	4.035938e-03
## SPAC18G6.09c	-1.087245e-04	3.745965e-04	1.386947e-04	-1.748998e-03
## SPAC18G6.10	-2.561318e-05	8.456670e-05	-1.139768e-04	6.916045e-04
## SPAC18G6.11c	-7.506285e-05	1.224064e-03	-7.329393e-04	6.183478e-03
## SPAC18G6.12c	-9.679809e-06	1.555520e-04	-1.330628e-04	7.550370e-05
## SPNCRNA.806	-1.056696e-07	1.586258e-05	-3.067540e-06	5.999440e-05
## SPAC18G6.13	-5.434702e-06	5.412804e-05	-2.023866e-05	7.598411e-05
## SPAC18G6.14c	-9.492610e-04	6.391452e-03	-4.781452e-03	3.363961e-02
## SPAC13D6.02c	-1.397475e-04	9.938693e-04	-3.004878e-03	1.340009e-02
## SPNCRNA.189	-1.092635e-06	1.847818e-05	-5.544836e-06	7.532235e-05
## SPATRNaGLY.02	-2.513129e-05	7.121774e-04	1.389471e-03	-6.179144e-04
## SPAC13D6.04c	-4.796731e-06	4.571785e-05	-3.748014e-05	2.804207e-04
## SPAC13D6.05	-4.926143e-05	2.977583e-04	1.107660e-05	-1.506912e-05
## SPAC4G9.02	-2.020257e-05	3.290618e-04	1.664406e-05	4.386162e-04
## SPAC4G9.07	5.046311e-07	1.757809e-05	3.058893e-06	6.955006e-06
## SPAC4G9.08c	-6.092655e-05	3.937945e-04	-4.993031e-04	3.843114e-03
## SPAC4G9.13c	-4.227898e-05	3.787348e-04	-1.542046e-04	-3.057263e-04
## SPAC4G9.16c	-9.514779e-04	1.082550e-02	-8.557442e-03	1.622637e-02
## SPAC4G9.17c	-1.316345e-05	2.126685e-04	-3.974863e-04	1.036937e-03
## SPAC4G9.22	-7.410303e-05	2.317656e-04	-1.306346e-04	-3.486015e-03
## SPNCRNA.811	2.099165e-07	2.897862e-06	-4.949137e-06	4.321599e-06
## SPNCRNA.190	-2.721938e-06	3.389459e-05	-8.393623e-06	9.377776e-05
## SPAC13G7.07	1.419005e-06	5.581662e-05	-3.835547e-05	2.665899e-04
## SPAC13G7.08c	-3.314841e-05	1.003342e-03	-1.120827e-03	6.377623e-03
## SPAC13G7.09c	-4.091343e-06	1.576169e-04	-1.238827e-04	2.753607e-04
## SPAC13G7.11	-4.459164e-05	3.001001e-04	-2.483738e-04	3.534657e-05
## SPAC6C3.02c	-1.818044e-04	1.476852e-03	-5.072230e-04	-2.990621e-03
## SPAC6C3.04	-1.878580e-04	1.168989e-03	-1.658259e-04	-6.562675e-03
## SPNCRNA.814	-2.757308e-06	1.721132e-05	1.482034e-05	-1.651073e-05
## SPAC6C3.06c	-3.100740e-05	1.196158e-03	-1.321303e-03	7.249789e-03
## SPAC6C3.07	-1.276605e-06	5.585207e-06	4.550951e-06	4.524916e-05
## SPAC17G8.01c	-7.128855e-05	9.317191e-04	-6.638934e-04	2.084195e-03
## SPAC17G8.02	-5.329700e-05	4.623622e-04	-1.266734e-04	8.123969e-05
## SPAC17G8.05	-2.851686e-06	1.482645e-04	-5.614533e-05	5.435888e-04
## SPAC17G8.07	-8.253584e-06	3.247980e-04	-2.274755e-04	1.496535e-03
## SPAC17G8.09	-1.212877e-06	4.020862e-05	-9.310449e-05	1.466454e-04

## SPAC17G8.10c	-2.407058e-05	1.786045e-04	-7.490452e-05	-7.976411e-04
## SPNCRNA.817	-1.912348e-07	2.273567e-06	-2.778373e-06	-6.216567e-07
## SPAC17G8.12	-3.770071e-05	3.848199e-04	-1.304057e-04	-1.820556e-04
## SPNCRNA.192	-2.081882e-07	2.604898e-06	-6.135982e-06	2.782251e-05
## SPNCRNA.819	1.240161e-06	2.375177e-05	5.062662e-06	1.333380e-04
## SPAC22H10.03c	-1.013373e-04	9.068270e-04	-6.749727e-04	1.248520e-03
## SPNCRNA.821	-6.659472e-07	2.074773e-06	3.439630e-06	-3.325228e-05
## SPAC22H10.13	-6.993359e-05	2.994791e-04	5.288030e-04	-2.598421e-03
## SPAC22H10.09	-3.564379e-05	7.332385e-04	-6.482303e-04	1.749590e-03
## SPAC22H10.10	-3.088431e-06	1.131111e-04	-2.167405e-04	7.089244e-04
## SPAC15F9.02	-7.810704e-05	6.280926e-04	-4.618552e-04	6.776104e-04
## SPAC15F9.03c	-1.406009e-04	1.112948e-03	-1.048019e-04	1.073266e-03
## SPAC1B9.02c	-1.010393e-04	9.976399e-04	-5.172563e-04	-7.409719e-04
## SPAC1B9.03c	4.450004e-06	8.616736e-04	-9.449031e-04	5.997848e-03
## SPAC6B12.03c	-1.743327e-05	7.054351e-05	4.660137e-05	-1.225027e-03
## SPAC6B12.18	-2.171353e-05	4.760902e-04	-2.654589e-04	9.786754e-04
## SPAC6B12.07c	-3.604038e-04	1.218935e-03	6.889795e-04	-1.735809e-02
## SPAC6B12.08	-1.569325e-05	1.721150e-04	-5.803352e-05	-5.233377e-04
## SPAC6B12.13	-3.291032e-05	4.609104e-04	-1.294807e-04	6.507992e-04
## SPNCRNA.195	-6.882534e-07	8.063317e-06	8.154321e-06	-4.987714e-06
## SPAC6B12.15	-1.325189e-03	8.021017e-03	-5.705957e-03	2.431120e-02
## SPATRNALYS.03	-1.094736e-05	2.511118e-04	2.139830e-04	2.695408e-04
## SPAC32A11.02c	-1.596718e-03	2.453930e-03	1.209221e-03	-8.985901e-02
## SPNCRNA.828	-2.987670e-05	1.477968e-04	2.009522e-04	-1.517257e-03
## SPNCRNA.829	-5.655869e-06	3.884285e-05	-4.119814e-05	-6.002806e-05
## SPAC19A8.13	-3.626660e-05	3.274598e-04	-1.068604e-04	8.236156e-06
## SPAC19A8.12	-2.728177e-05	1.243071e-04	-7.660783e-05	1.169936e-04
## SPAC19A8.11c	-2.892246e-05	1.962030e-04	-2.428435e-04	4.426136e-04
## SPAC19A8.10	-4.744189e-05	4.577110e-04	3.702388e-05	1.103353e-04
## SPAC19A8.09	-1.235575e-05	9.558917e-05	-2.860564e-05	-1.155894e-04
## SPAC19A8.08	-4.812946e-05	5.746511e-04	-5.814094e-04	2.006014e-03
## SPNCRNA.286	1.859757e-08	-5.818443e-07	-3.011488e-06	-6.658552e-06
## SPAC19A8.07c	1.063677e-05	4.539426e-04	-7.256641e-04	4.388600e-03
## SPAC19A8.05c	-4.598834e-05	2.383358e-04	9.447733e-05	-9.500007e-04
## SPAC19A8.04	-2.385390e-04	7.696194e-04	-1.850881e-03	3.718679e-03
## SPAC19A8.03	-1.339296e-05	3.505318e-04	-2.568721e-04	1.209933e-03
## SPAC19A8.02	-1.076381e-04	7.385718e-04	-7.900855e-04	-1.618045e-05
## SPAC19A8.01c	-4.975260e-05	4.384269e-04	-8.793521e-05	2.576785e-05
## SPAC23H3.04	-9.268730e-06	8.355021e-05	-2.001830e-05	-6.622911e-05
## SPAC23H3.05c	-4.055933e-05	4.631553e-04	-4.404328e-04	1.380124e-03
## SPAC23H3.06	-6.734157e-05	6.499797e-04	-4.535118e-04	3.746597e-04
## SPAC23H3.08c	-1.725116e-05	1.619626e-04	-4.344940e-05	-2.068037e-04
## SPAC23H3.13c	-3.226250e-05	1.281531e-04	-3.007016e-04	8.731443e-04
## SPNCRNA.197	-3.553199e-08	2.098595e-06	-5.228428e-06	-2.156408e-06
## SPNCRNA.831	4.011651e-08	-1.081542e-06	-4.610074e-07	8.760762e-07
## SPAC23H3.15c	-5.367921e-03	1.504449e-02	1.988696e-02	-3.256192e-01
## SPNCRNA.833	-1.979559e-06	6.616958e-05	-4.336369e-05	-4.997058e-05
## SPAC25H1.04	-5.676269e-05	3.723672e-04	-1.372033e-04	-1.015458e-03
## SPAC25H1.05	-2.945520e-05	5.538812e-04	-1.498663e-04	1.079232e-03
## SPAC25H1.06	-3.111787e-05	4.659112e-04	-2.651705e-04	1.464566e-03
## SPAC25H1.07	-1.690702e-04	2.668221e-03	-1.763408e-03	8.076799e-03
## SPAC25H1.08c	-1.471037e-04	1.627165e-03	-6.220748e-04	4.461295e-03
## SPAC4A8.04	-2.961788e-04	6.072291e-04	1.202573e-03	-1.054535e-02
## SPAC4A8.05c	-4.148527e-05	1.137352e-03	-1.343278e-03	8.319500e-03

## SPNCRNA.836	-1.052612e-05	7.060910e-05	1.141861e-04	-1.826596e-04
## SPNCRNA.837	-3.352280e-06	5.568696e-05	-4.147204e-06	6.003377e-04
## SPAC4A8.07c	-1.983327e-05	6.443030e-04	-7.615977e-04	4.294557e-03
## SPAC4A8.08c	-5.501660e-05	8.190403e-04	-4.642501e-04	2.664664e-03
## SPNCRNA.838	-9.297350e-06	7.119104e-05	-1.752780e-05	2.167907e-04
## SPSNRNA.06	-2.055172e-04	1.018670e-02	6.749547e-04	1.428579e-02
## SPAC4A8.10	-9.537146e-05	7.803110e-04	-5.771114e-04	-2.396847e-03
## SPNCRNA.839	-5.081257e-06	1.868405e-05	-5.515674e-06	1.444055e-04
## SPAC4A8.12c	-2.665894e-05	3.522070e-04	-2.382433e-04	5.463284e-04
## SPAC4A8.14	-1.282396e-04	1.414182e-03	-8.776545e-04	9.631603e-04
## SPATRNAILE.02	-1.470620e-04	6.209085e-03	5.832292e-03	5.163877e-04
## SPAC823.03	-2.109467e-04	8.266912e-04	3.584961e-04	-9.003925e-03
## SPAC823.07	-4.897193e-05	3.856806e-04	4.028097e-05	-2.302493e-04
## SPNCRNA.199	9.024774e-07	8.043881e-06	7.750568e-06	3.125068e-05
## SPAC823.11	-5.391608e-05	7.005057e-04	-6.892409e-04	2.118588e-03
## SPAC823.12	-1.184978e-04	1.025113e-03	-5.337165e-04	-4.215229e-04
## SPAC823.13c	-6.676604e-06	3.365838e-04	-2.217107e-04	1.523256e-03
## SPAC823.14	-8.899951e-05	9.728359e-04	-9.512063e-04	4.765485e-04
## SPNCRNA.841	-1.020977e-05	5.474248e-05	1.513606e-05	-1.548670e-04
## SPAC823.16c	-1.672555e-05	1.379557e-04	-5.182546e-05	2.786343e-05
## SPAC7D4.14c	-9.004932e-06	1.165359e-04	-2.452356e-05	5.386644e-04
## SPAC7D4.11c	-1.940096e-05	3.460752e-04	-1.687922e-04	1.401589e-03
## SPAC7D4.09c	-8.710896e-06	1.379914e-04	-1.486464e-04	4.426756e-04
## SPAC7D4.08	-1.104216e-06	2.060133e-05	-1.149810e-05	1.064813e-04
## SPAC7D4.06c	3.438641e-06	2.833160e-04	-7.069257e-05	1.928701e-03
## SPAC7D4.04	-1.853552e-05	4.921947e-04	-6.701525e-04	2.490489e-03
## SPAC7D4.03c	-9.567061e-05	1.009963e-03	-3.228811e-04	-3.719613e-04
## SPAC4F8.15	-6.154292e-05	8.955597e-04	-6.662794e-04	2.109337e-03
## SPAC4F8.14c	-3.407028e-04	2.023451e-03	-1.553007e-03	4.113632e-03
## SPNCRNA.843	-1.311991e-06	7.702544e-06	8.858487e-06	-5.799586e-05
## SPAC4F8.12c	-2.159835e-04	1.602056e-03	-1.520024e-03	8.640674e-03
## SPNCRNA.326	1.019130e-08	6.348503e-07	-2.348981e-06	-4.486288e-06
## SPAC4F8.10c	-7.219801e-05	5.873075e-04	1.614041e-04	-1.149132e-03
## SPNCRNA.200	-7.806806e-08	5.827897e-07	-1.127806e-05	1.564676e-05
## SPAC4F8.07c	-1.116040e-03	1.299660e-02	-3.379347e-03	2.538045e-02
## SPAC4F8.03	-4.940521e-06	1.710329e-04	-2.597572e-04	4.558226e-04
## SPAC4F8.02c	-1.536789e-05	3.803583e-05	-1.015471e-04	5.074693e-04
## SPAC4F8.01	-3.461937e-06	1.687072e-05	-2.061142e-05	3.922763e-04
## SPAC644.04	-6.401683e-06	3.111816e-04	-2.945068e-04	1.472623e-03
## SPAC644.05c	-2.750594e-06	2.331137e-04	-4.737539e-04	2.545857e-03
## SPAC644.08	-3.124927e-05	3.719718e-04	-2.773564e-05	1.948649e-04
## SPAC644.11c	-3.630001e-05	6.665364e-04	-7.504919e-05	2.431524e-03
## SPNCRNA.202	-6.365302e-08	-1.218740e-07	-7.368331e-07	2.474951e-06
## SPAC644.14c	-3.872564e-05	3.855527e-04	-9.925169e-05	8.017332e-04
## SPAC644.15	-3.339346e-04	5.630643e-03	-5.838790e-03	2.058531e-02
## SPAC644.16	-4.654867e-05	3.404836e-04	-1.214491e-04	2.205640e-03
## SPNCRNA.845	-5.439203e-07	4.137371e-06	2.823054e-06	-8.974739e-06
## SPAPB2B4.02	-5.733908e-05	6.967402e-04	-4.189377e-04	3.921604e-04
## SPAPB2B4.03	-5.230092e-06	6.681337e-04	-3.144412e-04	6.338976e-03
## SPAPB2B4.04c	-1.987137e-04	5.592378e-04	3.014647e-04	-6.603113e-03
## SPAC6F6.02c	-1.092009e-05	2.522598e-04	-2.856019e-05	6.325919e-04
## SPAC6F6.03c	-1.865054e-04	2.763128e-03	-1.395439e-03	9.002695e-03
## SPAC6F6.04c	-1.847809e-05	2.233445e-04	-1.365163e-04	7.246904e-04
## SPNCRNA.848	-8.255205e-07	1.337593e-05	-3.815110e-06	-4.678272e-06

## SPAC6F6.08c	-4.016942e-06	2.912918e-05	1.860209e-05	4.702161e-05
## SPAC6F6.09	-1.526660e-05	1.717501e-04	-8.911158e-05	6.934606e-05
## SPAC6F6.10c	-9.568877e-05	3.913238e-04	-4.082632e-05	1.753883e-05
## SPAC6F6.11c	-9.946651e-06	9.574375e-05	-2.115514e-04	3.171808e-04
## SPNCRNA.849	-3.137691e-06	5.750603e-05	-3.928954e-05	2.384779e-05
## SPAC6F6.13c	-4.526109e-05	4.509849e-04	-4.598024e-04	1.352608e-03
## SPAC6F6.17	-2.389248e-05	1.059757e-03	-1.461671e-03	7.318458e-03
## SPNCRNA.852	-2.839463e-07	5.866372e-06	1.261836e-05	-8.203048e-06
## SPAC1805.03c	-2.195117e-06	1.058825e-04	-1.203006e-04	5.179775e-04
## SPAC1805.04	-5.964528e-05	6.148350e-04	-8.018187e-04	3.082055e-03
## SPAC1805.05	-1.272418e-04	2.136194e-03	-8.649651e-04	7.032898e-03
## SPSNORNA.52	-9.321729e-05	9.420471e-04	8.352648e-04	9.784351e-04
## SPAC1805.11c	-4.876944e-04	2.179692e-03	-5.033272e-04	1.072849e-02
## SPAC1805.14	-1.855015e-05	3.640029e-04	-2.248225e-04	1.941601e-03
## SPAC1805.15c	-7.343502e-06	7.967959e-05	-9.002572e-05	6.175351e-04
## SPAC1805.16c	-2.738771e-05	2.972219e-04	-1.702618e-04	1.554479e-04
## SPNCRNA.208	2.941917e-08	6.210766e-07	-4.078394e-06	3.371401e-06
## SPAC1805.17	-1.256064e-04	1.179790e-03	-1.655706e-03	7.816878e-03
## SPAC1B2.06	-2.581060e-06	8.343872e-05	-1.659952e-04	2.559459e-04
## SPAC3F10.02c	-3.524278e-05	7.208574e-04	-4.501087e-04	2.830569e-03
## SPAC3F10.05c	-2.487202e-05	3.320365e-04	-1.649328e-04	2.009250e-03
## SPAC3F10.07c	-2.052440e-07	2.469285e-05	1.149773e-06	1.576828e-04
## SPAC3F10.19	-3.359920e-05	1.842108e-04	-1.422199e-05	-3.754172e-05
## SPAC3F10.08c	2.778928e-06	2.361116e-04	-2.276814e-04	1.025362e-03
## SPAC3F10.10c	-3.596555e-06	2.048013e-05	-3.091269e-05	1.565271e-04
## SPAC3F10.12c	-3.341043e-05	3.506248e-04	-7.219065e-05	2.561022e-04
## SPAC8F11.02c	-3.155934e-05	5.770786e-04	-4.736484e-05	8.101847e-04
## SPAC8F11.05c	-1.478816e-07	7.101987e-06	-6.157850e-07	-2.128216e-05
## SPAC8F11.06	-6.940597e-06	1.114410e-04	-5.596339e-05	2.414954e-04
## SPAC8F11.07c	-8.914980e-06	2.016331e-04	-2.719713e-04	8.959345e-04
## SPAC8F11.10c	-6.331319e-05	6.890391e-04	-1.010493e-03	5.860282e-03
## SPACUNK4.13c	-1.230254e-05	7.671672e-05	-1.307259e-04	3.671023e-04
## SPACUNK4.10	-1.030882e-04	3.679240e-04	-1.381483e-04	2.733435e-04
## SPNCRNA.858	-1.084445e-06	3.909400e-06	1.844038e-05	-4.586584e-05
## SPACUNK4.07c	-1.727013e-04	9.725799e-04	-2.111985e-03	4.654713e-03
## SPACUNK4.06c	-1.549309e-05	7.897029e-04	-2.021241e-04	3.742196e-03
## SPAC513.01c	-2.876182e-04	9.730730e-04	-2.896575e-03	7.918427e-03
## SPAC513.02	-4.612482e-05	8.115276e-06	6.845024e-05	-2.095833e-03
## SPAC513.03	-8.842436e-06	5.354130e-05	3.380645e-05	4.441569e-04
## SPAC513.05	-9.543286e-05	7.543005e-04	-7.543425e-05	6.966017e-04
## SPAC2E1P3.01	-1.016166e-04	7.847010e-04	1.081025e-03	-2.924596e-03
## SPNCRNA.859	5.910698e-07	1.653636e-05	-5.700587e-05	-1.130808e-05
## SPAC2E1P3.04	-5.176017e-05	6.872885e-04	-5.080208e-04	1.441809e-03
## SPAPB2C8.01	-7.940703e-05	5.147075e-04	-3.969349e-04	3.281897e-03
## SPNCRNA.864	-3.958963e-06	2.570976e-05	-4.178823e-05	8.993119e-05
## SPAPB24D3.05c	-4.702028e-07	1.615394e-05	1.869414e-06	-4.805234e-05
## SPAPB24D3.06c	-2.494368e-05	3.158972e-04	-2.084891e-04	2.287783e-04
## SPNCRNA.865	-1.721548e-06	3.220604e-05	-4.635213e-05	-1.345967e-06
## SPAPB24D3.08c	-7.276118e-05	6.693087e-04	7.109832e-04	2.488717e-03
## SPNCRNA.866	-1.287764e-05	7.410568e-05	8.398102e-05	9.098184e-05
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	8.838025e-07	9.087558e-06	-5.103078e-06	6.543771e-05
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-5.353090e-06	8.050972e-06	2.781923e-05	-2.181127e-04

## SPAPB1A11.03	-5.579123e-05	1.563213e-04	3.121380e-04	-3.227410e-03
## SPAC31G5.01	-1.295176e-05	2.874604e-04	-2.084759e-05	6.010840e-04
## SPAC31G5.03	-6.561944e-04	2.387450e-03	-1.042042e-03	1.714131e-02
## SPAC31G5.05c	-1.994465e-04	2.413072e-03	-1.285410e-03	2.623073e-03
## SPAC31G5.07	-3.331656e-06	2.151834e-05	1.513084e-05	-9.516093e-05
## SPAC31G5.09c	-2.344664e-06	1.823746e-05	2.290676e-05	7.125518e-05
## SPNCRNA.872	-3.581675e-06	1.419422e-05	1.068205e-05	-1.883238e-05
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-4.559598e-06	5.751938e-05	-5.383737e-05	2.251108e-04
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	1.327775e-06	7.702684e-07	-1.332181e-05	3.904535e-05
## SPAC31G5.12c	-3.839651e-05	2.251739e-04	3.890066e-06	-1.723148e-03
## SPAC31G5.13	-2.766685e-04	2.544491e-03	-5.501661e-04	-2.759392e-03
## SPNCRNA.875	-4.625951e-07	1.197280e-05	-1.471679e-05	1.379853e-04
## SPAC31G5.15	-3.736582e-05	2.701763e-04	-2.242176e-04	6.749668e-04
## SPAC31G5.17c	-4.223866e-04	5.351896e-03	-4.662031e-03	1.938252e-02
## SPAC1786.01c	-3.041739e-04	1.696442e-03	-8.280453e-04	-9.698965e-03
## SPAC1786.04	1.989202e-07	-1.912814e-06	9.217862e-07	4.776564e-06
## SPNCRNA.878	-4.454302e-07	2.729842e-06	-1.509780e-06	1.775596e-05
## SPAC24C9.03	-8.230370e-05	3.656509e-04	-9.058887e-04	1.412549e-03
## SPAC24C9.16c	-4.869626e-06	3.912874e-06	5.882093e-05	4.422103e-04
## SPATRNASER.02	4.431283e-06	7.203008e-04	1.226412e-03	1.684047e-04
## SPAC24C9.06c	-1.011646e-03	5.187346e-03	1.971624e-03	-1.333242e-02
## SPNCRNA.879	-1.825244e-06	-4.237039e-07	5.312683e-06	-4.665925e-05
## SPNCRNA.880	-5.697857e-06	6.063150e-05	-6.179405e-05	1.722600e-04
## SPNCRNA.212	-8.342451e-07	3.289693e-06	-2.410449e-06	-1.079586e-06
## SPAC24C9.09	-4.045733e-05	5.234783e-04	-1.963581e-04	-5.399943e-05
## SPAC24C9.13c	-4.032051e-06	1.069107e-04	-6.318020e-05	2.345996e-04
## SPAC24C9.14	-7.603214e-05	4.503043e-04	9.856565e-05	-1.024620e-03
## SPNCRNA.883	-8.263507e-07	1.021546e-05	3.341624e-06	-5.801868e-05
## SPAC24C9.15c	-1.713221e-06	1.195968e-05	-1.375436e-05	-5.063318e-05
## SPAC16A10.01	-1.661917e-04	4.608952e-04	5.403720e-04	-8.650051e-03
## SPAC16A10.03c	-1.542077e-05	3.906538e-04	-2.443844e-04	1.755049e-03
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	2.906151e-07	-5.419977e-07	-3.761385e-07	-9.211101e-07
## SPAC16A10.04	-3.280372e-05	3.677953e-04	-1.474055e-04	9.317961e-04
## SPAC589.02c	-2.369510e-05	1.745519e-04	-1.745112e-04	2.710537e-04
## SPNCRNA.886	-5.590738e-06	3.687134e-05	-4.316802e-05	5.062458e-05
## SPAC589.04	-6.405534e-06	1.960133e-04	-4.242283e-05	8.904467e-04
## SPAC589.05c	-1.571742e-05	1.793391e-04	-1.689139e-05	7.147363e-04
## SPAC589.07c	-7.192723e-06	4.431417e-05	1.037609e-05	-2.864733e-04
## SPNCRNA.560	-2.391976e-06	2.641197e-05	-2.220760e-05	1.806415e-05
## SPAC589.09	-8.458810e-05	7.183452e-04	-2.398211e-04	-1.666223e-03
## SPAC589.10c	-1.408376e-03	1.714513e-02	3.947026e-03	1.757515e-02
## SPAC589.12	-2.533393e-04	2.941934e-03	-1.917004e-03	6.942850e-03
## SPAC688.03c	-8.849972e-06	4.912223e-05	2.275557e-05	-2.869985e-04
## SPAC688.04c	-2.585784e-04	9.489532e-04	1.133492e-03	-1.321784e-02
## SPNCRNA.887	-1.594361e-06	4.372457e-05	7.497978e-06	-1.238546e-04
## SPAC688.10	-1.360324e-05	1.381062e-04	-1.619775e-04	2.397795e-04
## SPAC688.11	-1.585564e-04	1.118153e-03	-6.374214e-04	3.490562e-03
## SPAC688.12c	-1.543261e-05	2.266485e-04	-2.347765e-04	3.319123e-04
## SPAC3G9.16c	-1.536139e-06	3.621427e-05	-1.750627e-05	-9.693492e-06
## SPAC3G9.14	-4.934221e-05	3.449101e-04	-4.477572e-04	3.400367e-03
## SPAC3G9.12	-4.115119e-06	3.653868e-04	-3.249511e-04	3.357140e-03

## SPATRNAALA.03	7.256215e-06	1.775502e-04	4.228347e-04	2.456606e-04
## SPAC3G9.10c	-2.973306e-06	2.845648e-04	-3.936699e-04	1.724466e-03
## SPRRNA.14	-2.239807e-04	4.876686e-03	5.642670e-03	5.461936e-03
## SPAC3G9.08	-9.873127e-06	6.843387e-05	-1.054552e-04	4.940209e-04
## SPAC3G9.05	-2.078044e-05	1.586662e-04	-5.939468e-05	1.456338e-03
## SPAC3G9.04	-1.023561e-05	1.525131e-04	-7.571052e-05	4.974013e-04
## SPNCRNA.893	-1.624729e-03	1.917598e-02	1.886948e-02	1.602153e-03
## SPNCRNA.87	-1.520695e-06	9.332222e-06	-6.273346e-07	-3.494132e-06
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	-4.534188e-06	1.232423e-04	-1.022210e-04	7.014675e-04
## SPAC1486.02c	-2.459071e-05	4.218524e-04	-1.496953e-04	1.618892e-03
## SPAC1486.03c	-4.515791e-05	8.944720e-05	-8.676476e-05	-5.723075e-05
## SPNCRNA.14	-4.349906e-07	2.568420e-06	4.123727e-06	-4.980295e-06
## SPAC1486.04c	-2.982106e-05	5.573617e-04	-1.392909e-03	5.512207e-03
## SPAC1486.06	-7.123169e-05	9.059437e-04	-5.640528e-04	2.684355e-03
## SPNCRNA.895	1.376490e-07	6.803028e-06	2.097552e-06	4.575221e-05
## SPAC1486.09	-2.388698e-05	6.587152e-04	-9.776143e-04	5.743010e-03
## SPAC6G10.06	-1.703182e-06	8.596307e-06	1.765590e-06	1.939955e-05
## SPAC6G10.11c	-2.608134e-03	2.913998e-02	8.621342e-03	9.421335e-03
## SPAC6G10.12c	-3.952311e-06	-2.381139e-05	3.142785e-05	2.455074e-03
## SPNCRNA.897	9.705870e-07	3.745705e-06	-4.513669e-06	1.140009e-04
## SPAC6G9.01c	-1.353970e-06	1.848510e-04	-2.898769e-05	1.062491e-03
## SPAC6G9.04	-4.613690e-06	1.806714e-04	-4.067337e-04	1.527765e-03
## SPAC6G9.05	-1.309981e-05	1.112021e-04	-1.078968e-04	3.385101e-04
## SPAC6G9.06c	-3.134262e-05	5.269065e-04	-4.545136e-04	1.569484e-03
## SPNCRNA.898	1.126334e-06	1.620337e-05	-1.057809e-05	7.652812e-05
## SPAC6G9.07c	-4.883808e-05	8.750400e-04	-7.487030e-05	8.271227e-04
## SPAC6G9.08	-1.464159e-04	1.530810e-03	-4.916801e-04	3.045609e-04
## SPAC6G9.10c	-2.592432e-05	1.437783e-03	-2.184910e-03	1.340984e-02
## SPAC6G9.11	-1.316710e-04	1.153634e-03	-3.756350e-04	2.786664e-03
## SPAC6G9.13c	4.616777e-07	-3.107571e-07	-9.818597e-06	2.348475e-05
## SPAC6G9.14	-3.659778e-05	1.296878e-04	-7.845907e-05	-1.007470e-04
## SPAC6G9.16c	-8.966895e-06	1.371863e-04	2.554376e-05	1.944059e-04
## SPAPB1E7.02c	-1.474511e-05	7.171887e-05	-1.827753e-04	8.561251e-04
## SPAPB1E7.05	-1.206314e-04	1.180721e-03	-2.512051e-04	5.934841e-04
## SPAPB1E7.08c	-7.119500e-05	7.251967e-04	4.445060e-04	-1.777976e-03
## SPAPB1E7.09	-1.276002e-04	1.020192e-03	-6.435297e-04	4.265612e-03
## SPAPB1E7.11c	-1.958368e-05	2.648461e-04	-4.067692e-04	1.175326e-03
## SPAPB1E7.12	-1.355223e-03	1.078061e-02	-7.805734e-03	2.202221e-02
## SPAPB1E7.14	-3.815457e-05	4.221467e-04	-7.843687e-05	6.425572e-04
## SPAC2E1P5.02c	-5.332751e-06	1.133552e-04	-3.925419e-05	6.879104e-04
## SPAC2E1P5.04c	-1.886451e-05	2.256932e-04	-5.218077e-05	9.456650e-05
## SPAC26A3.01	-2.450976e-04	3.635528e-03	1.019210e-03	8.818907e-03
## SPAC26A3.03c	-1.168370e-07	7.684774e-05	-1.138130e-04	9.493426e-04
## SPAC26A3.04	-8.319367e-04	1.031702e-02	-4.724226e-03	2.460294e-02
## SPAC26A3.06	-2.217048e-05	1.641129e-04	-3.488617e-04	1.588865e-03
## SPAC26A3.07c	-5.937487e-04	4.853995e-03	-2.381475e-03	1.165018e-02
## SPAC26A3.12c	-7.023320e-05	1.059085e-03	-7.913579e-04	5.947599e-03
## SPAC26A3.11	-5.563121e-05	6.868175e-04	-1.617019e-04	1.120753e-03
## SPAC26A3.14c	-9.243300e-06	1.543729e-05	-5.328978e-06	4.592001e-04
## SPAC26A3.16	-1.404787e-04	1.419408e-03	-5.803029e-04	1.662708e-03
## SPAC26A3.17c	-3.828796e-05	8.211465e-04	-9.147698e-04	3.776692e-03
## SPNCRNA.902	-3.530886e-06	2.003489e-05	3.038471e-05	5.833027e-05
## SPAC8E11.10	6.872149e-06	7.910781e-04	-3.728120e-03	1.250781e-02

## SPAC8E11.07c	-8.304038e-06	1.035373e-04	-1.331462e-04	2.881205e-04
## SPAC8E11.05c	-5.442473e-05	8.782472e-04	-3.597672e-04	1.260526e-03
## SPNCRNA.905	1.480619e-06	2.506425e-05	6.637131e-06	1.248161e-04
## SPAC8E11.01c	-2.034408e-05	2.361367e-04	-1.274786e-04	3.804612e-04
## SPAC959.04c	-1.228926e-05	2.930466e-04	-4.336030e-05	1.140272e-03
## SPAC959.10	-3.391639e-06	6.900691e-05	-4.901167e-05	1.647418e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-4.994319e-06	5.229822e-05	-3.770454e-05	2.889961e-04
## SPAC959.08	-8.660104e-04	8.287821e-03	-3.326298e-03	1.606669e-02
## SPNCRNA.907	-2.272738e-06	1.257029e-04	-3.020432e-05	5.022428e-04
## SPAC3H5.12c	-1.498667e-03	1.484356e-02	-8.939988e-03	2.474224e-02
## SPAC3H5.11	-2.921448e-05	1.695086e-04	-7.887975e-05	2.182184e-04
## SPAC3H5.13	-6.312020e-06	1.049845e-04	-9.878777e-05	3.402213e-04
## SPAC3H5.09c	-1.555948e-04	1.551900e-03	-7.418661e-04	2.814039e-03
## SPAC3H5.07	-5.674859e-04	5.262551e-03	-6.816300e-03	1.683571e-02
## SPAC3H5.04	-2.982146e-05	2.312010e-04	-1.193462e-04	-4.717733e-06
## SPAC3H5.05c	-1.387731e-04	1.829667e-03	-1.274542e-03	1.130209e-02
## SPAC3A11.14c	-1.079067e-05	2.540807e-04	-2.039221e-04	8.105008e-04
## SPNCRNA.561	2.826095e-07	1.423476e-05	5.634806e-06	3.910281e-05
## SPATRNAARG.01	5.810051e-05	1.253535e-03	9.266888e-04	2.447219e-03
## SPNCRNA.908	-3.903592e-06	2.875691e-05	-4.217318e-05	-2.817277e-05
## SPAC3A11.11c	-5.310216e-05	5.738456e-04	-1.672167e-04	1.053659e-03
## SPAC3A11.08	-3.249924e-05	2.816067e-04	-2.030038e-04	6.658046e-04
## SPAC3A11.07	-2.269347e-04	6.648176e-06	-7.006139e-04	2.252693e-03
## SPAC3A11.06	-5.218545e-05	2.029801e-04	4.068705e-05	-2.119351e-03
## SPAC328.01c	-1.320412e-04	1.130790e-03	-7.719597e-04	1.295042e-03
## SPAC328.02	-1.590511e-04	1.008527e-03	-4.791600e-04	-4.011041e-03
## SPNCRNA.911	-4.939320e-06	2.808278e-05	5.134316e-05	-3.653822e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	-9.351887e-04	3.025119e-03	4.086263e-03	-4.725700e-02
## SPAC328.07c	-2.773271e-05	2.291380e-04	-3.406874e-05	-2.707942e-04
## SPAC328.09	-2.689783e-05	3.161840e-04	-5.301922e-04	3.662437e-04
## SPNCRNA.912	4.465399e-08	-2.600606e-07	-1.782358e-06	6.305344e-06
## SPNCRNA.913	-3.015374e-07	7.875962e-08	6.542097e-08	-5.266434e-06
## SPAC16E8.01	-1.142402e-04	2.952459e-04	-1.519622e-04	5.063894e-03
## SPAC16E8.04c	-3.454070e-05	4.596950e-04	-3.302119e-04	1.620870e-03
## SPNCRNA.914	-8.929415e-07	2.922793e-05	-4.867221e-05	2.909100e-04
## SPNCRNA.562	-3.679527e-07	6.757921e-07	3.462042e-06	4.716887e-06
## SPAC16E8.08	-4.641100e-06	4.537443e-05	-1.693720e-05	2.118624e-04
## SPAC16E8.10c	-9.257630e-06	2.730389e-04	-2.845214e-04	1.165472e-03
## SPAC16E8.11c	-3.464996e-05	2.480501e-04	-1.835786e-04	3.184318e-04
## SPAC16E8.18	-5.826803e-06	8.908839e-05	-7.980193e-05	3.570514e-04
## SPAC16E8.12c	-4.910866e-07	2.610365e-04	-2.539475e-04	1.074597e-03
## SPAC16E8.14c	-1.381623e-05	1.465593e-04	-1.738827e-04	5.805509e-04
## SPAC16E8.16	-1.175211e-04	1.246576e-03	5.151410e-04	3.476941e-04
## SPAC16E8.17c	-5.759348e-05	7.311285e-04	-1.508564e-04	1.712101e-03
## SPAC1B1.02c	-2.770377e-05	4.321390e-04	-1.486226e-04	1.076927e-03
## SPAC1B1.03c	-3.003500e-04	3.801759e-03	-2.318571e-03	1.134333e-02
## SPAC1B1.04c	-9.176712e-06	6.199657e-05	-9.698592e-05	1.300217e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	1.663475e-07	3.355824e-05	-8.413740e-05	2.382736e-04
## SPAC17A2.03c	-7.072068e-05	1.020044e-03	-9.461914e-04	2.409030e-03
## SPNCRNA.917	-1.580656e-08	2.219926e-07	-9.199447e-07	2.199052e-06
## SPNCRNA.918	-2.883805e-07	-1.676521e-06	-1.973457e-06	-6.710227e-06

## SPAC17A2.12	-1.852674e-05	1.035915e-04	-1.878077e-04	9.048799e-04
## SPAC17A2.13c	-2.694721e-04	1.145843e-03	1.572267e-03	-3.231979e-04
## SPNCRNA.919	-5.762680e-07	6.966951e-06	7.028873e-06	9.340174e-06
## SPAC17A2.14	-6.223432e-05	7.848973e-04	-1.036465e-04	1.819170e-03
## SPNCRNA.600	-9.821265e-07	5.417216e-06	-1.217765e-05	2.733215e-06
## SPAC17G6.07c	-1.583718e-05	2.637813e-04	-2.872730e-04	9.112451e-04
## SPAC17G6.09	-2.606032e-05	3.341530e-04	-2.236584e-04	1.895315e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	-6.368212e-05	5.640815e-04	-2.054169e-04	-2.260407e-04
## SPNCRNA.922	5.418736e-07	9.440563e-06	1.313668e-05	2.542387e-05
## SPAC1142.03c	-2.001843e-05	1.220110e-04	-1.680587e-05	5.268538e-04
## SPRRNA.16	-1.440359e-05	4.052676e-04	2.537560e-04	8.781608e-05
## SPNCRNA.924	-1.954517e-07	-3.228364e-07	9.985124e-07	5.388081e-06
## SPAC8C9.03	-2.417476e-04	4.150310e-04	1.786133e-04	-1.045544e-02
## SPAC8C9.05	-2.775447e-05	3.271759e-04	-9.049446e-05	2.960335e-04
## SPAC8C9.06c	-6.111190e-05	6.797885e-04	-1.538238e-04	1.196856e-03
## SPAC8C9.10c	2.725637e-06	2.746030e-04	-4.460619e-04	1.920365e-03
## SPAC8C9.16c	-2.370866e-05	1.406410e-04	1.450425e-05	-8.129918e-04
## SPAC15A10.01	-3.138612e-05	4.096758e-04	-2.620681e-04	5.404099e-04
## SPAC8C9.17c	-2.214673e-05	2.511359e-04	-1.783882e-04	3.227167e-04
## SPAC15A10.02	-6.225455e-05	7.052892e-04	-3.405362e-04	6.235248e-04
## SPAC15A10.03c	-1.777953e-05	2.600486e-04	-2.155629e-04	7.828275e-04
## SPAC15A10.04c	-7.996935e-05	2.274313e-03	-1.507690e-03	1.279594e-02
## SPAC15A10.05c	-1.136346e-05	6.226755e-05	9.324822e-05	-3.411427e-04
## SPAC15A10.07	-2.772656e-05	2.426386e-04	6.384050e-05	1.871983e-04
## SPAC15A10.10	-1.907162e-05	2.147349e-04	-1.976306e-04	1.018733e-03
## SPATRNPAPHE.01	-1.007428e-04	2.141770e-03	2.544771e-03	-2.310781e-03
## SPATRNPAPHE.04	1.667175e-05	9.158508e-04	1.813470e-03	1.291289e-03
## SPNCRNA.929	-5.729106e-07	1.302968e-05	-3.033148e-06	-5.877967e-06
## SPAC15A10.15	-8.453798e-06	2.806202e-04	-3.804273e-04	1.490100e-03
## SPAC15A10.16	-4.933470e-05	5.753431e-04	-6.995969e-04	3.001307e-03
## SPAC15E1.02c	-1.788554e-04	8.681240e-04	1.331268e-03	-8.574487e-03
## SPAC15E1.04	-5.110728e-05	6.549756e-05	-1.038496e-05	5.237683e-05
## SPAC15E1.06	-3.950043e-05	3.641049e-04	-1.971399e-04	9.078788e-04
## SPAC15E1.07c	-5.771304e-07	2.760680e-06	-4.200312e-06	7.194741e-06
## SPAC15E1.08	-3.364357e-05	7.466154e-04	-1.515257e-04	1.964485e-03
## SPNCRNA.931	-3.534653e-07	2.621269e-06	1.698058e-05	-2.291732e-05
## SPNCRNA.524	2.138699e-08	-9.140140e-07	1.158636e-06	1.228303e-05
## SPAP7G5.03	-1.348263e-05	2.083243e-04	-1.206840e-04	1.180082e-03
## SPAP7G5.04c	-5.321717e-04	8.000334e-03	-9.960926e-03	1.783182e-02
## SPNCRNA.933	-1.059735e-06	1.075974e-05	-1.849089e-05	-7.145802e-05
## SPAP7G5.06	-1.218945e-04	7.149106e-04	5.943334e-04	-4.183927e-03
## SPATRNPAPHE.02	1.774424e-04	7.676151e-03	1.958805e-02	2.089738e-02
## SPATRNPAPHE.04	4.337921e-07	2.905682e-05	3.784200e-05	7.744959e-07
## SPATRNPAGLU.03	-6.605396e-05	1.108659e-03	2.572843e-03	-8.331067e-04
## SPATRNPAPHE.04	1.309168e-06	1.126958e-05	5.024019e-05	4.286416e-06
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	2.592869e-07	1.029078e-07	-1.493878e-06	-2.761126e-06
## SPAP4C9.02	-1.331720e-05	1.542536e-04	-7.929902e-05	4.480561e-04
## SPNCRNA.936	-7.561646e-07	1.189235e-05	-2.223604e-05	8.132359e-05
## SPAC1556.02c	-3.984658e-04	2.329949e-03	-1.389036e-03	2.251513e-03
## SPAC1556.06	-3.278467e-06	3.991995e-05	-4.020273e-05	7.940775e-05
## SPAC1556.07	-4.729183e-04	4.977034e-03	-1.278112e-03	3.193394e-03

## SPAC1556.08c	-4.779690e-05	6.752577e-04	-7.074459e-04	4.106943e-03
## SPAC1F12.06c	-8.169105e-06	1.901807e-04	-1.283354e-04	4.324776e-04
## SPAC1F12.08	-5.711423e-06	8.377388e-05	-9.078413e-05	2.091176e-04
## SPAC1F12.09	-1.852733e-05	3.975293e-04	-3.201780e-04	1.078385e-03
## SPAC1F12.10c	-1.119621e-04	8.249613e-04	5.029965e-04	-6.373708e-03
## SPAC4H3.17	2.306655e-07	3.687541e-06	-1.888612e-06	-9.189561e-06
## SPAC4H3.02c	-1.191793e-05	5.413254e-05	1.061312e-05	1.228443e-04
## SPNCRNA.938	-1.140181e-07	3.868017e-06	4.908359e-06	2.058161e-06
## SPRRNA.17	-6.095360e-05	1.176025e-03	5.099424e-04	-6.068032e-04
## SPAC4H3.04c	-8.375873e-06	6.925404e-05	-1.728975e-05	-2.836254e-04
## SPAC4H3.05	-1.796149e-05	2.788590e-04	-1.792341e-04	7.838960e-04
## SPAC4H3.16	-1.613273e-05	2.584322e-04	-9.095970e-05	1.079305e-03
## SPNCRNA.939	-1.049516e-06	7.531858e-05	-1.042485e-05	1.722244e-04
## SPAC4H3.07c	-1.611188e-05	3.455921e-04	-3.729018e-04	1.182095e-03
## SPNCRNA.940	-2.355050e-07	7.308052e-06	1.867489e-05	-1.473530e-05
## SPAC4H3.08	-6.686353e-05	2.715242e-04	5.332033e-04	-3.178238e-03
## SPAC4H3.10c	-3.687095e-03	2.548347e-02	-9.668910e-03	7.694789e-02
## SPAC4H3.11c	-3.310082e-05	3.404254e-04	-5.010196e-04	5.447887e-04
## SPAC4H3.13	-2.013947e-05	2.067587e-04	-7.000125e-05	1.348730e-04
## SPAC4H3.14c	-2.359807e-05	3.251820e-04	-2.423484e-04	1.627072e-04
## SPAC1071.04c	-1.167737e-06	7.508925e-05	-3.338954e-05	3.517216e-04
## SPAC1071.07c	-1.585492e-03	1.687940e-02	4.216116e-03	3.074563e-02
## SPAC1071.09c	-2.004238e-05	1.482705e-04	-2.139137e-04	3.364399e-04
## SPNCRNA.92	6.912776e-09	7.237594e-08	-4.453567e-07	-1.241320e-06
## SPNCRNA.944	-3.151562e-07	1.719521e-05	-7.296760e-05	4.639433e-05
## SPAC1071.11	-4.360161e-06	5.207131e-05	-1.112793e-04	5.442495e-04
## SPNCRNA.947	-1.500281e-06	1.794117e-05	-7.966281e-06	1.289158e-04
## SPAC926.06c	-2.592404e-05	3.696666e-04	-3.961999e-04	1.439842e-03
## SPAC926.07c	-1.886767e-05	2.118419e-04	-1.193400e-04	6.002272e-04
## SPAC926.08c	-4.154799e-05	1.055228e-03	-1.294087e-03	8.595396e-03
## SPAC323.02c	-9.498525e-05	1.138282e-03	-2.300083e-04	-2.896031e-04
## SPAC323.03c	-7.817869e-07	1.183614e-04	-1.753074e-04	6.857498e-04
## SPAC323.04	-3.685932e-05	5.236241e-04	-8.817095e-04	1.905286e-03
## SPAC323.05c	-1.433922e-05	3.017539e-04	-1.794588e-04	1.413813e-03
## SPAC323.08	-4.643284e-06	7.678536e-05	-7.326715e-05	2.927546e-04
## SPAC2F3.01	-3.733110e-05	3.791872e-04	-1.251953e-04	1.009015e-04
## SPAC2F3.17c	-2.897958e-05	4.081287e-04	-1.161451e-04	8.464555e-04
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-6.294156e-05	1.636039e-04	-1.142966e-03	2.177112e-03
## SPAC2F3.10	-3.912224e-05	3.541911e-04	-2.755153e-04	1.146623e-03
## SPAC2F3.13c	-7.932182e-06	2.864935e-04	-2.464284e-04	1.632833e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	-9.244106e-06	4.223651e-05	-8.727106e-05	1.022142e-04
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	-2.617894e-05	2.158891e-04	-2.436693e-04	1.097882e-03
## SPAC2F3.16	-5.599619e-05	5.556481e-04	-3.956997e-04	-7.348312e-04
## SPAC11G7.05c	-1.348703e-05	1.702137e-04	3.179280e-05	3.015914e-04
## SPAC11G7.06c	-6.150281e-06	1.033848e-04	-5.611433e-05	6.589344e-04
## SPNCRNA.952	2.590433e-06	2.870440e-05	-3.534882e-05	9.830107e-05
## SPAPB18E9.02c	-5.650645e-05	5.887281e-04	-8.884236e-04	1.486177e-03
## SPNCRNA.953	3.291915e-06	9.128040e-05	-1.943319e-04	3.212778e-04
## SPAPB18E9.04c	-7.332774e-06	3.829361e-06	1.098234e-05	4.801614e-04
## SPNCRNA.954	-1.657527e-06	6.177836e-05	-8.149978e-05	2.752265e-04

## SPAPB15E9.06	-1.847514e-06	-1.279744e-06	7.415250e-06	4.507124e-05
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-1.013508e-05	2.719945e-04	-9.335727e-05	1.147095e-03
## SPNCRNA.955	-1.051467e-06	1.972147e-05	1.375238e-05	1.202883e-04
## SPAC27E2.03c	-2.364023e-04	1.687064e-03	-2.085202e-03	3.600904e-03
## SPAC27E2.11c	3.345307e-07	1.168327e-06	-2.838917e-06	1.608537e-08
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	7.673620e-07	8.082138e-06	-1.311985e-05	3.359665e-05
## SPAC27E2.12	9.561660e-08	-1.698250e-06	1.424943e-06	5.316455e-08
## SPAC27E2.06c	-3.778610e-05	4.365157e-04	-1.488305e-04	-1.753287e-04
## SPAC27E2.07	-1.079356e-05	8.880429e-05	-1.234646e-04	1.649009e-04
## SPAC27E2.08	-5.788859e-08	3.205500e-07	-1.277922e-06	8.441925e-06
## SPAPJ698.02c	-7.463924e-04	2.003850e-03	-2.923747e-03	1.831142e-02
## SPAC19G12.01c	-1.111578e-05	1.490039e-04	-1.257818e-04	6.884580e-04
## SPAC19G12.03	-4.799498e-05	5.970596e-04	1.375786e-04	2.048241e-03
## SPNCRNA.956	-9.560483e-07	6.815245e-06	-7.317250e-07	-2.683237e-05
## SPAC19G12.05	-1.129486e-05	5.530384e-04	-8.023985e-04	3.949108e-03
## SPAC19G12.10c	-1.343228e-03	7.113447e-03	3.614939e-04	-6.143267e-03
## SPAC19G12.17	4.544862e-07	1.244118e-04	-1.259624e-04	6.609044e-04
## SPAC19G12.11	-3.328181e-05	5.321038e-04	-3.644002e-04	1.275400e-03
## SPAC19G12.12	-2.786348e-05	3.886663e-04	-7.813536e-05	1.076400e-03
## SPAC19G12.15c	-3.426293e-04	2.650138e-03	1.767554e-04	-2.585103e-03
## SPAC19G12.16c	-1.013500e-04	8.387815e-05	-9.793240e-04	1.125458e-02
## SPAC23A1.02c	-4.898624e-05	2.100423e-04	-2.416857e-05	2.106376e-06
## SPAC23A1.03	-1.814394e-04	1.985785e-03	-2.562426e-03	4.922939e-03
## SPAC23A1.04c	-2.503752e-05	1.117813e-04	8.367501e-05	7.384812e-04
## SPAC23A1.05	-2.627494e-05	3.577086e-04	-1.368626e-04	1.312102e-03
## SPAC23A1.06c	-6.639509e-05	4.784961e-04	-5.644723e-06	-2.015235e-03
## SPAC23A1.09	-3.059635e-05	4.124523e-04	3.581518e-05	3.722046e-05
## SPNCRNA.957	-6.425280e-07	3.796599e-06	6.897508e-06	2.308733e-05
## SPAC23A1.11	-2.896921e-04	3.830216e-04	-1.822106e-04	9.678685e-03
## SPAC23A1.12c	-2.224917e-04	9.859764e-04	-1.448313e-03	3.084398e-03
## SPNCRNA.958	-2.590108e-06	3.237464e-05	1.458974e-05	7.954860e-05
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	-6.330051e-05	3.099067e-04	-1.504805e-05	-2.334466e-03
## SPAC23A1.17	-5.359917e-05	-4.530689e-05	-6.430220e-05	1.917175e-03
## SPAC23A1.18c	-2.948312e-05	2.809699e-04	-9.869664e-05	-3.200887e-04
## SPAC23A1.19c	-9.992529e-06	4.427149e-04	-4.405440e-04	3.435165e-03
## SPAC26H5.02c	-1.097093e-05	2.433040e-04	-1.212599e-04	8.339878e-04
## SPAC26H5.03	-3.153171e-06	1.367697e-04	-1.662611e-04	7.347148e-04
## SPNCRNA.959	-1.630749e-06	2.586806e-05	-5.153311e-06	2.444192e-05
## SPNCRNA.960	9.866356e-07	1.172538e-05	-2.937886e-06	2.324306e-05
## SPAC26H5.05	-1.111434e-04	5.480171e-04	-4.055651e-04	2.336917e-03
## SPAC26H5.06	-1.122761e-05	3.238606e-04	-4.532433e-04	1.483131e-03
## SPNCRNA.963	-2.548296e-06	1.684982e-05	-1.177985e-05	-6.530587e-06
## SPAC26H5.11	-3.770868e-05	2.798612e-04	-3.452035e-04	2.219934e-03
## SPAC26H5.12	-8.053867e-05	8.858254e-04	-7.193750e-04	2.133495e-03
## SPAC26H5.13c	-1.001351e-05	1.539617e-04	-3.942775e-04	1.213559e-03
## SPAC25B8.01	-4.527685e-05	3.564295e-04	-3.198282e-04	-2.968680e-04
## SPAC25B8.06c	-2.085484e-05	3.029530e-04	-9.579644e-05	1.302796e-03
## SPAC25B8.08	-6.067427e-05	4.283479e-04	-4.043938e-05	-1.776469e-03
## SPNCRNA.966	-1.959790e-06	4.361250e-06	-3.183748e-06	-2.072545e-05
## SPAC25B8.09	-1.675248e-05	2.278636e-04	-1.811367e-04	-7.857828e-07
## SPAC25B8.12c	-1.008666e-03	2.057995e-03	2.461281e-03	-2.360014e-02

## SPAC25B8.17	-1.987900e-05	4.390979e-04	-1.262229e-04	1.734585e-03
## SPAC25B8.18	-1.248441e-05	1.162231e-04	-1.235605e-04	-1.270535e-04
## SPAC25B8.19c	-3.346843e-05	1.325037e-04	-1.619917e-05	9.351931e-05
## SPAC683.03	-2.825334e-07	1.005145e-06	4.911407e-06	-3.496011e-06
## SPNCRNA.969	-6.129607e-06	8.189164e-05	-1.616165e-05	6.592977e-05
## SPAC683.02c	-1.320403e-06	4.933854e-04	-3.527581e-04	3.557005e-03
## SPAC694.02	-9.961136e-04	9.873212e-03	-5.442192e-03	2.452623e-02
## SPAC694.05c	-1.202504e-03	1.298955e-02	2.690730e-03	2.032933e-02
## SPAC694.06c	-1.163832e-05	5.573594e-04	-7.629123e-04	4.230317e-03
## SPAC1F7.01c	-1.696687e-04	1.727716e-03	-2.283774e-03	7.611366e-03
## SPAC1F7.14c	-1.181609e-05	9.501688e-05	-1.004262e-05	2.509477e-04
## SPAC1F7.04	-1.987944e-04	1.560091e-03	-2.135900e-03	6.194925e-03
## SPAC1F7.05	-1.616189e-04	6.575890e-04	-1.971896e-03	2.111546e-02
## SPNCRNA.973	-8.439585e-07	1.472412e-05	-1.414511e-05	1.193410e-04
## SPNCRNA.243	5.140923e-07	1.558204e-06	-5.515570e-06	3.086310e-05
## SPAC1F7.08	8.431596e-06	6.584847e-04	-6.165357e-03	2.157975e-02
## SPAC1F7.09c	-8.989758e-06	4.947802e-05	-7.014927e-06	1.293234e-04
## SPAC1F7.13c	-1.484080e-03	8.672319e-03	-2.124038e-03	2.444393e-02
## SPAC21E11.04	-1.907287e-05	2.328085e-04	-1.511880e-04	6.807219e-05
## SPAC21E11.06	-8.776578e-05	1.216058e-03	-1.053245e-03	3.424022e-03
## SPNCRNA.13	3.403706e-07	4.914626e-06	3.319006e-06	1.151381e-05
## SPAC21E11.07	-8.406107e-06	2.198643e-04	-1.441973e-04	3.738412e-04
## SPAC2C4.03c	-7.153781e-06	1.943926e-04	-1.840725e-04	7.165009e-04
## SPAC2C4.04c	-2.744526e-05	2.687706e-04	-9.084367e-05	7.910548e-04
## SPNCRNA.98	-3.143302e-02	4.763587e-01	7.179838e-01	-5.662017e-02
## SPAC2C4.07c	-3.238225e-05	1.026644e-04	-3.406007e-06	-8.834719e-04
## SPAC2C4.09	-9.437431e-06	1.323049e-04	-4.083962e-05	-3.552360e-04
## SPAC2C4.10c	-6.866754e-06	2.736086e-04	4.511195e-05	1.003235e-03
## SPAC2C4.13	-2.947808e-05	8.165073e-04	-4.586143e-04	3.416259e-03
## SPAC2C4.17c	-4.970174e-04	1.189001e-03	1.214456e-03	-2.671002e-02
## SPAC25G10.02	3.023545e-07	4.250328e-05	1.666368e-05	2.415348e-04
## SPAC25G10.03	-1.068890e-04	1.304274e-03	-9.884903e-04	3.602277e-03
## SPAC25G10.04c	-9.358210e-06	6.817053e-05	-4.341767e-05	7.973485e-06
## SPAC25G10.08	-9.849021e-04	1.016455e-02	-9.026098e-03	1.814717e-02
## SPAC27F1.05c	-5.292405e-06	9.822771e-05	4.883875e-05	1.420199e-04
## SPNCRNA.977	-6.553664e-06	6.068840e-05	-9.445927e-05	2.311422e-04
## SPAC27F1.10	3.061335e-07	-1.415688e-06	5.120344e-06	4.682884e-06
## SPNCRNA.978	-3.480962e-07	4.106847e-06	-8.005921e-06	3.817748e-05
## SPAC27F1.06c	-3.734390e-05	5.562197e-04	-1.671691e-03	4.733231e-03
## SPAC23D3.04c	-7.375991e-05	1.149757e-03	-2.841492e-03	6.312799e-03
## SPAC23D3.05c	-7.014921e-06	1.151283e-04	2.277199e-05	2.943004e-04
## SPAC23D3.06c	-1.087524e-04	8.439552e-04	-1.082163e-03	3.782098e-03
## SPAC23D3.07	-1.691899e-04	1.764205e-03	2.802215e-04	-3.868686e-04
## SPAC23D3.09	-6.951849e-05	9.395553e-04	-3.022472e-04	2.784315e-03
## SPAC23D3.10c	-5.168822e-05	5.237306e-04	-2.135648e-04	1.252786e-03
## SPNCRNA.244	-1.838064e-07	-4.605172e-07	4.035831e-06	-2.265071e-05
## SPAC23D3.12	-1.307950e-04	1.084293e-03	-1.292928e-03	5.252643e-03
## SPAC23D3.16	-8.641825e-06	1.898003e-04	-6.852975e-05	5.007127e-04
## SPAC23D3.13c	-7.105494e-05	1.040372e-03	-9.970375e-04	4.043798e-03
## SPAC23D3.14c	-3.933547e-06	1.202069e-04	-3.489833e-05	3.218177e-04
## SPNCRNA.982	-1.080403e-05	1.214306e-04	-1.048585e-04	2.555398e-04
## SPAC1527.01	-4.929771e-05	8.200168e-04	-8.531681e-04	3.497148e-03
## SPAC1527.02	-6.763997e-06	1.432026e-04	-9.650071e-05	2.852958e-04
## SPAC1527.03	-1.834793e-06	3.970359e-04	-9.027849e-04	4.303137e-03

## SPAC30.03c	-1.168492e-05	3.028633e-04	-2.084435e-04	1.487758e-03
## SPNCRNA.983	1.818075e-07	4.799205e-07	4.788038e-07	1.642638e-05
## SPNCRNA.984	-1.531033e-06	2.288468e-05	-1.830263e-05	2.118246e-04
## SPNCRNA.246	1.858984e-08	3.892703e-07	2.576291e-07	4.309122e-06
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	-2.144082e-05	3.333120e-04	-5.134344e-04	2.236981e-03
## SPAC29E6.06c	-5.692326e-05	1.616593e-03	-2.122683e-03	1.006374e-02
## SPAC29E6.09	-1.659187e-05	2.053704e-04	-7.195770e-05	7.276787e-05
## SPAC29E6.10c	-3.521523e-05	4.914047e-04	-5.735450e-04	1.836653e-03
## SPAC16.02c	-1.453031e-04	5.082821e-04	-4.459868e-04	7.463209e-03
## SPNCRNA.247	-3.045567e-08	1.910069e-06	-4.211252e-06	5.190990e-06
## SPAC16.04	2.634821e-06	4.637012e-04	-6.831963e-04	4.077905e-03
## SPNCRNA.99	-4.265368e-06	1.598980e-05	-4.433073e-05	4.900166e-06
## SPAC9E9.02	-1.345121e-05	6.578922e-05	-1.162033e-04	-2.013443e-04
## SPNCRNA.988	-2.124496e-06	2.484462e-06	1.827226e-05	-5.426265e-05
## SPAC9E9.05	-2.513735e-06	7.903256e-05	-2.644602e-05	5.207228e-04
## SPAC9E9.06c	-3.613026e-04	3.378907e-03	-2.928508e-03	5.711003e-03
## SPAC9E9.07c	-1.123143e-04	9.791563e-04	-8.822567e-04	-4.888437e-04
## SPAC9E9.08	-3.121413e-06	2.349881e-04	-2.677344e-04	9.978878e-04
## SPNCRNA.990	-1.543310e-06	3.566404e-05	-2.653903e-05	6.796908e-05
## SPAC9E9.10c	-7.357819e-05	4.617901e-04	-3.700637e-04	-1.885563e-03
## SPAC9E9.11	-3.750232e-04	3.354863e-03	2.353361e-03	-1.027967e-03
## SPAC9E9.12c	-2.063483e-05	1.473182e-04	-2.226834e-04	2.370773e-03
## SPAC9E9.13	-5.915373e-04	6.229216e-03	-4.387438e-03	-3.591139e-03
## SPAC9E9.14	-2.845029e-05	3.944635e-04	-1.720321e-04	5.906815e-04
## SPAC17C9.16c	-3.583697e-05	8.359091e-04	5.426557e-05	1.974492e-03
## SPAC17C9.15c	-1.297148e-05	2.482698e-04	-3.269931e-04	9.444642e-04
## SPAC17C9.13c	-8.965769e-05	1.152633e-03	-2.718189e-04	2.804761e-03
## SPAC17C9.12	-5.767120e-05	1.345792e-04	2.689196e-04	-4.839247e-04
## SPAC17C9.11c	-3.502345e-05	1.855410e-04	-2.810788e-05	-7.535520e-04
## SPAC17C9.09c	-5.811170e-05	7.406857e-04	-3.872620e-04	7.123445e-04
## SPAC17C9.08	-3.249250e-05	4.886348e-04	-8.904441e-05	1.470586e-03
## SPAC17C9.06	-6.418319e-05	5.943923e-04	5.035588e-05	-3.208853e-04
## SPAC17C9.03	-4.112690e-04	1.819006e-03	-5.272154e-03	3.042720e-02
## SPAC17C9.02c	-1.720222e-06	1.406793e-04	-1.226818e-04	1.083234e-03
## SPAC1851.02	-1.002696e-04	1.202970e-03	-1.158619e-03	1.378063e-03
## SPAC1851.03	-2.459796e-05	1.993582e-04	-1.249634e-04	1.217932e-03
## SPNCRNA.992	-3.409684e-06	4.338276e-05	-2.250213e-05	1.709312e-04
## SPAC27D7.03c	-3.991772e-06	3.709522e-08	-7.335279e-05	3.907770e-04
## SPAC27D7.04	-4.494825e-06	1.260130e-04	-1.295766e-04	1.318065e-04
## SPAC27D7.05c	-2.355354e-06	1.007802e-04	-9.090957e-05	4.705839e-04
## SPAC27D7.07c	-4.951489e-05	5.591812e-04	-4.067355e-04	9.803560e-04
## SPAC27D7.08c	-3.496937e-06	1.264090e-04	7.645887e-06	3.206626e-04
## SPAC27D7.09c	-4.036930e-05	1.335912e-03	3.758466e-03	1.328977e-03
## SPAC27D7.11c	-3.496984e-04	1.169816e-04	2.346135e-03	-1.198448e-02
##	[,5]	[,6]	[,7]	[,8]
## SPAC212.11	2.620346e-05	-5.329674e-05	-6.986783e-05	1.675702e-04
## SPAC212.09c	-2.901403e-04	1.185847e-04	4.802143e-04	-2.898670e-04
## SPNCRNA.70	-3.354585e-07	7.907075e-07	4.347106e-07	-3.068294e-06
## SPAC212.12	6.132920e-06	1.627426e-05	5.714514e-06	-1.170559e-05
## SPAC212.04c	-4.957900e-04	2.163766e-04	-1.171793e-04	-3.475459e-04
## SPAC212.03	7.866957e-07	3.551258e-06	-1.989416e-06	-2.210589e-06
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	-3.263783e-05	2.974986e-05	1.297893e-05	-1.231335e-05

## SPAC977.03	1.008922e-06	3.099787e-07	2.872349e-07	-5.718862e-06
## SPAC977.04	6.353164e-07	4.488693e-06	-9.644177e-07	2.540448e-06
## SPAC977.05c	2.329555e-06	8.584414e-07	2.087447e-06	-6.478974e-06
## SPNCRNA.136	-6.280652e-07	3.744795e-08	3.193665e-06	5.341223e-06
## SPNCRNA.601	6.108158e-05	-7.885459e-05	-2.443889e-05	-1.802107e-05
## SPAC977.07c	-1.789290e-06	-3.895153e-07	-6.188761e-06	1.179161e-05
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	-2.418280e-04	-1.832213e-04	-2.705652e-04	-4.287608e-04
## SPAC977.13c	-5.769919e-04	4.015111e-04	-1.916155e-04	1.362297e-04
## SPAC977.15	-1.031462e-04	-3.096851e-04	-1.522018e-04	5.997952e-04
## SPAC977.16c	-5.037476e-04	-8.888493e-04	3.252320e-04	3.275345e-04
## SPNCRNA.37	2.211802e-06	3.497564e-06	-3.169445e-07	-5.725599e-06
## SPAPJ695.01c	-1.548612e-05	3.820216e-06	-1.680692e-05	-5.101751e-06
## SPNCRNA.76	1.796459e-06	7.915760e-06	-6.266137e-06	-1.030203e-05
## SPNCRNA.603	-1.548389e-05	-2.333022e-06	-2.536663e-05	-3.351905e-05
## SPNCRNA.607	-7.062613e-04	5.614736e-04	4.064959e-04	-5.213573e-06
## SPAC1F8.06	-5.190881e-04	-1.676080e-04	4.573513e-04	-1.357600e-03
## SPAC1F8.08	-8.988801e-05	-3.151310e-04	8.718764e-05	-9.155605e-05
## SPAC11D3.19	-5.643169e-05	-1.058875e-04	-1.806660e-05	-2.016179e-04
## SPAC11D3.01c	-1.343439e-03	2.242815e-03	5.039437e-03	1.135953e-03
## SPNCRNA.608	-1.137181e-04	-1.667524e-04	-1.621997e-04	-3.982793e-05
## SPAC11D3.02c	-6.718707e-04	-4.391882e-03	-7.245452e-04	-1.951901e-03
## SPAC11D3.03c	-2.388967e-04	1.252906e-04	2.779673e-04	2.556279e-04
## SPAC11D3.05	-3.052184e-03	8.432772e-04	-5.495782e-03	2.000537e-03
## SPAC11D3.07c	-2.476321e-03	1.170784e-03	3.469657e-04	-9.558908e-04
## SPAC11D3.08c	-2.454590e-03	3.356305e-04	-1.965652e-03	-1.820808e-03
## SPAC11D3.11c	-9.062754e-04	-1.322518e-04	6.017759e-04	-1.434983e-04
## SPAC11D3.14c	-3.854333e-04	-4.983731e-04	6.880420e-05	-1.835893e-04
## SPNCRNA.609	-1.344024e-03	2.340460e-04	9.031253e-04	-2.564739e-04
## SPNCRNA.147	-2.366273e-06	-3.691322e-06	2.340978e-05	3.348554e-06
## SPNCRNA.610	-2.926353e-05	-1.362126e-05	1.952571e-05	-1.290272e-05
## SPAC11D3.16c	-1.471540e-03	4.862844e-04	-1.120989e-03	-1.500466e-03
## SPAC11D3.18c	-2.267280e-04	5.172133e-05	7.745038e-05	-1.481925e-04
## SPNCRNA.612	-3.619996e-04	-4.135942e-06	2.984732e-04	-1.399400e-04
## SPAC5H10.01	-8.919115e-05	-9.663938e-05	1.264703e-04	-2.381415e-04
## SPAC5H10.03	-1.053497e-02	-2.046273e-02	-6.989214e-03	1.141332e-02
## SPAC5H10.04	2.080179e-04	-4.469670e-04	4.374408e-05	8.433425e-04
## SPAC5H10.06c	-6.023109e-04	-1.781703e-03	1.362213e-03	-1.856501e-03
## SPAC5H10.08c	-2.239228e-03	-6.693044e-04	2.555072e-03	9.732195e-04
## SPAC5H10.09c	-9.798731e-05	-4.225147e-04	9.248952e-05	-3.432378e-05
## SPAC5H10.10	-1.224235e-03	-2.389461e-03	-7.876125e-04	-6.301333e-05
## SPAC5H10.11	-1.303812e-04	2.013078e-05	-4.915551e-05	-1.787370e-05
## SPAC5H10.12c	-2.106663e-03	2.925459e-04	6.091194e-04	-2.473582e-03
## SPAC5H10.13c	-2.820460e-03	-4.815778e-04	1.623553e-03	-3.198282e-03
## SPNCRNA.617	-2.336889e-04	6.060270e-05	1.524254e-04	-2.883538e-04
## SPAC13G6.01c	4.379697e-06	-2.363728e-03	4.558907e-03	7.212394e-04
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	-2.310074e-03	-6.886416e-04	3.579452e-03	-2.575461e-03
## SPNCRNA.618	-3.068614e-06	3.640802e-05	1.547183e-04	8.278006e-05
## SPNCRNA.620	-1.434871e-05	4.038239e-05	-5.392741e-06	-8.860552e-05
## SPAC13G6.14	-1.994049e-03	1.323433e-04	-4.083291e-04	-1.537332e-03
## SPAC13G6.15c	-1.364494e-03	7.976190e-05	6.102025e-04	-1.151524e-03
## SPNCRNA.621	1.706588e-04	-1.213513e-04	3.200556e-05	-1.301341e-04

## SPAC24B11.05	-2.929004e-03	1.249154e-03	-5.785975e-04	-1.294801e-03
## SPAC24B11.08c	-4.216582e-04	9.684716e-05	1.029423e-03	-9.674323e-05
## SPNCRNA.142	-3.438460e-06	6.988969e-07	-7.285298e-06	-1.189584e-05
## SPAC24B11.09	-7.100119e-04	-8.952284e-04	-2.151371e-04	-5.348882e-04
## SPAC24B11.11c	-2.623206e-03	1.738612e-03	3.171792e-03	-3.171420e-03
## SPAC24B11.12c	-1.181614e-02	2.429012e-03	-9.354992e-03	-7.182476e-03
## SPNCRNA.624	9.540136e-05	-1.342256e-04	4.939111e-05	1.325530e-04
## SPAC806.02c	-1.775606e-03	-1.047041e-03	4.040661e-03	-7.101265e-04
## SPNCRNA.625	5.921955e-06	1.826972e-05	-1.488221e-05	-1.961500e-04
## SPAC806.11	5.811579e-05	-1.519423e-05	-3.235581e-05	1.103292e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	4.039664e-05	-5.378890e-05	-4.549125e-04	-2.002660e-04
## SPNCRNA.627	-1.219880e-05	4.734591e-06	-2.419205e-05	-2.501615e-05
## SPNCRNA.628	1.658184e-05	2.895018e-06	2.525796e-05	1.131134e-05
## SPAC806.06c	-2.431236e-03	-3.363963e-04	3.809410e-04	-1.198173e-05
## SPAC806.07	-1.613726e-03	1.296461e-03	5.568316e-03	3.831822e-03
## SPNCRNA.630	-6.381199e-05	-1.213443e-04	-2.299754e-04	-2.899917e-05
## SPAC1F5.11c	-4.572577e-03	-1.818270e-03	6.633635e-03	-3.982452e-03
## SPNCRNA.632	-1.786993e-05	-1.937330e-06	6.029963e-05	2.961601e-05
## SPNCRNA.633	-2.216948e-05	2.095594e-05	-2.077149e-05	-9.305081e-05
## SPAC1F5.07c	-1.179111e-03	1.968024e-04	1.953364e-03	-1.138077e-03
## SPAC1F5.04c	-2.196568e-03	1.161187e-03	1.473791e-03	-3.477921e-03
## SPAC1F5.02	-1.229475e-02	-5.098146e-03	1.424463e-02	1.647766e-02
## SPNCRNA.148	-4.595339e-06	-8.902756e-08	-2.179990e-06	-1.671452e-05
## SPAC18B11.10	-2.973556e-03	-3.138664e-04	1.483119e-03	-1.752656e-03
## SPNCRNA.27	-2.984420e-08	-3.050400e-06	5.674665e-07	-1.457705e-06
## SPNCRNA.635	-5.725875e-06	1.375126e-05	9.288711e-06	-4.228925e-05
## SPAC18B11.09c	-6.170389e-05	-1.440293e-04	-5.561050e-04	4.038468e-04
## SPAC18B11.08c	-5.429408e-04	-4.475367e-04	-4.280153e-04	-7.485532e-04
## SPAC18B11.07c	-1.678747e-03	-2.160818e-04	1.643671e-03	7.600042e-04
## SPAC18B11.04	-1.176721e-03	6.337989e-04	1.240108e-03	1.500398e-04
## SPNCRNA.636	-7.404297e-04	7.247318e-05	-3.206315e-04	-3.327637e-04
## SPAC18B11.02c	-1.049704e-03	-1.916769e-03	1.923371e-04	-1.325643e-03
## SPAC12G12.15	-7.982356e-04	2.683136e-04	5.703799e-04	-8.505134e-04
## SPNCRNA.637	-1.273828e-05	-1.903359e-05	6.540445e-05	-7.053545e-05
## SPAC12G12.14c	-6.515563e-04	1.038359e-04	8.881589e-04	-5.832973e-04
## SPNCRNA.638	-1.212563e-05	-1.276064e-05	9.734903e-06	1.189771e-05
## SPAC12G12.10	-1.411766e-03	1.286713e-04	3.879594e-03	-1.633243e-03
## SPAC12G12.09	-2.423674e-03	7.481027e-04	2.888586e-03	-1.464733e-03
## SPAC12G12.06c	-2.022387e-03	-3.350875e-03	7.156319e-04	-3.279837e-03
## SPNCRNA.639	8.544143e-07	2.415377e-06	-1.234352e-05	1.750606e-06
## SPAC12G12.03	-3.857537e-03	-1.016150e-03	4.192628e-03	-5.004305e-04
## SPAC630.05	-3.715041e-03	1.372631e-03	2.924359e-03	1.559203e-04
## SPAC630.15	-3.187227e-04	3.164617e-05	-1.683722e-04	-3.187961e-04
## SPATRNAPRO.01	-1.092431e-03	4.175369e-04	-6.198737e-04	-7.338569e-04
## SPAC630.11	-1.342390e-03	1.955394e-04	1.592360e-03	4.274425e-04
## SPAC630.12	-1.253513e-03	-1.247835e-04	2.451393e-03	-8.031573e-04
## SPAC630.13c	-2.914635e-03	-1.338447e-03	5.680739e-03	-1.455980e-03
## SPAC630.14c	-3.068388e-03	-8.663153e-04	2.338641e-03	-2.665920e-03
## SPAC1751.01c	-4.499437e-04	4.602377e-05	-5.612505e-04	5.774161e-04
## SPAC1751.04	-5.476621e-05	-4.174594e-04	8.630624e-04	-4.149153e-04
## SPAC1751.02c	7.589002e-05	-2.469529e-04	-5.764693e-05	-4.254507e-04
## SPAC31A2.02	7.367923e-04	-1.519693e-03	3.055299e-04	6.507302e-04
## SPNCRNA.643	1.628456e-05	-5.614783e-05	5.350357e-05	8.145689e-05

## SPAC31A2.03	-9.224671e-04	-1.019544e-04	1.541329e-03	5.897166e-04
## SPAC31A2.04c	-3.325971e-03	9.505221e-05	1.887993e-03	1.361046e-03
## SPAC31A2.06	-1.820567e-03	1.402585e-04	4.935973e-04	-4.927300e-04
## SPAC31A2.07c	-3.382300e-04	-2.162783e-03	4.573159e-03	-1.235421e-03
## SPAC31A2.09c	-1.441454e-03	1.724802e-04	8.430505e-04	-1.910792e-04
## SPAC31A2.11c	-1.156489e-03	3.115102e-04	-1.975327e-04	-1.070776e-03
## SPAC31A2.12	-5.097595e-03	1.326317e-03	-4.696244e-03	-2.346045e-03
## SPAC31A2.13c	-5.783570e-05	-3.193646e-04	2.523812e-04	9.242695e-04
## SPAC31A2.14	-1.047768e-03	2.393174e-04	1.439346e-03	-2.311560e-03
## SPAC31A2.16	-1.659197e-03	1.724616e-04	3.780563e-03	-2.233453e-03
## SPAC13C5.01c	-4.941194e-03	1.052179e-04	-1.094088e-03	3.723167e-03
## SPNCRNA.644	-4.959861e-05	8.764782e-06	-2.192198e-05	-9.779764e-06
## SPAC13C5.04	-1.016730e-02	6.713836e-03	-4.829099e-03	3.903407e-03
## SPNCRNA.645	-3.313259e-06	-2.172764e-04	-1.015086e-04	-1.000246e-04
## SPAC13C5.05c	-2.415067e-03	-1.643623e-04	3.749565e-03	1.411693e-03
## SPAC13C5.06c	-3.814812e-04	4.222282e-04	-1.185596e-03	4.186476e-04
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	-2.423532e-02	1.342719e-02	1.324571e-02	-2.641823e-02
## SPAC23E2.02	-2.009906e-03	1.314750e-04	2.544110e-03	3.953218e-05
## SPRRNA.11	-1.050045e-02	1.266456e-03	1.118816e-02	2.011102e-03
## SPAC24H6.12c	-2.079731e-03	1.731081e-03	-2.966137e-03	-1.771035e-03
## SPAC24H6.11c	-2.637397e-03	1.108232e-03	7.670014e-04	-1.716843e-03
## SPNCRNA.652	6.371658e-05	9.603007e-06	-2.753761e-04	-5.497555e-04
## SPAC24H6.09	-4.095203e-03	1.196751e-04	1.831679e-04	-7.979143e-04
## SPAC24H6.07	-1.860995e-02	-2.924876e-02	-2.262692e-02	-2.096989e-02
## SPAC24H6.06	-1.014414e-03	1.096103e-05	-4.797449e-04	1.807863e-04
## SPAC24H6.04	-1.315611e-02	-1.367135e-02	-2.527323e-03	9.079479e-03
## SPNCRNA.653	-1.778768e-05	-7.472800e-06	3.889793e-05	1.967805e-05
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	1.305399e-04	1.173610e-04	2.962585e-04	-7.818228e-05
## SPNCRNA.654	-3.489249e-05	2.742475e-05	7.072004e-05	-7.072626e-05
## SPAC24H6.01c	-1.046014e-03	-2.666402e-04	1.347914e-03	-2.453217e-04
## SPAC227.19c	3.106516e-05	-3.132228e-06	1.663638e-04	-2.194289e-04
## SPNCRNA.655	3.680185e-05	-3.130840e-04	9.400713e-05	-5.934562e-04
## SPAC227.05	4.671331e-05	2.218659e-04	8.085079e-04	-2.209118e-04
## SPAC227.06	-1.023855e-03	-6.690007e-04	8.512080e-04	-9.228412e-05
## SPAC227.07c	-3.984579e-03	-2.807648e-04	8.433694e-04	-2.087693e-03
## SPNCRNA.657	-6.025456e-04	3.661890e-04	3.098480e-05	6.596640e-04
## SPAC227.08c	-5.918023e-04	2.524175e-05	-7.984646e-05	-7.305545e-04
## SPAC227.09	-1.224462e-04	-2.079720e-04	1.002996e-04	-4.252366e-04
## SPAC227.10	-4.371310e-06	-2.914434e-04	2.923943e-04	-3.353518e-04
## SPAC227.11c	-5.100769e-04	8.514580e-06	1.077746e-03	-1.305216e-04
## SPAC227.12	-8.935878e-04	-1.175237e-04	1.762799e-03	-1.358694e-03
## SPAC227.13c	-2.430410e-03	2.394035e-04	-4.197162e-03	-3.586083e-03
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	-2.028999e-05	-3.789731e-04	2.219600e-04	-1.964180e-04
## SPAC2F7.04	-5.447293e-04	-2.648546e-04	1.382922e-03	-1.424563e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	-4.305905e-05	7.674235e-05	8.778358e-05	-9.295065e-06
## SPNCRNA.661	1.233062e-04	-1.378441e-04	-1.030718e-05	4.430270e-05
## SPAC2F7.13c	-2.378365e-03	-6.613926e-03	-2.214382e-03	-7.038757e-04

## SPAC2F7.15	-8.487007e-04	-7.566849e-05	1.960975e-03	-6.035238e-04
## SPAC13A11.01c	-2.071541e-03	6.600053e-04	2.231843e-03	5.793044e-04
## SPAC13A11.03	3.640877e-03	-3.698676e-03	-7.027330e-04	3.025249e-03
## SPAC13A11.04c	-9.881494e-04	-1.663558e-04	1.661052e-03	-2.497303e-04
## SPAC13A11.05	-6.059126e-03	-2.882484e-03	1.097333e-03	5.742344e-04
## SPAC3H8.02	-3.535591e-03	-1.595315e-03	3.042091e-03	-3.916377e-03
## SPAC3H8.03	1.604600e-06	-2.177327e-04	5.484722e-04	4.827624e-05
## SPNCRNA.663	-6.270514e-05	1.281646e-04	8.680153e-05	-3.091928e-04
## SPAC3H8.04	-3.018245e-03	9.918379e-04	-7.612427e-04	-1.188880e-03
## SPNCRNA.156	-1.161924e-05	1.892463e-05	-8.263678e-06	1.787564e-05
## SPAC3H8.08c	-1.568986e-03	4.621430e-04	5.410821e-04	-1.053218e-03
## SPNCRNA.667	-3.861395e-06	-3.533298e-05	8.290843e-05	5.268380e-05
## SPAC3H8.10	-5.366398e-03	-5.598192e-04	1.732521e-03	1.615477e-04
## SPAC1F3.01	-7.747253e-04	-1.055705e-03	4.210531e-03	-1.496997e-03
## SPAC1F3.02c	-1.941292e-03	1.411848e-03	6.783939e-04	-1.500057e-03
## SPAC1F3.03	-1.904613e-03	1.689995e-06	5.126861e-04	-1.209718e-03
## SPAC1F3.04c	-4.189752e-04	-9.956626e-04	1.802933e-03	4.374330e-04
## SPAC1F3.05	-8.998337e-04	3.420263e-04	2.466794e-03	6.289823e-04
## SPAC1F3.06c	-3.155447e-04	4.528034e-04	7.028660e-03	-6.371064e-03
## SPAC1D4.01	-2.876575e-04	-3.061975e-05	5.038131e-04	7.085909e-05
## SPAC1D4.02c	-1.477262e-03	1.093673e-04	-6.742061e-04	-2.379510e-04
## SPAC1D4.03c	-8.600468e-04	1.296521e-04	3.074125e-04	-8.791461e-05
## SPNCRNA.670	6.857398e-05	-1.772051e-05	6.416937e-05	1.543803e-04
## SPAC1D4.05c	-1.264188e-03	-1.837947e-04	1.541684e-03	-5.528038e-04
## SPAC1D4.07c	-4.303534e-05	1.823980e-05	7.663607e-05	-5.822835e-05
## SPAC1D4.10	-1.538861e-03	-4.661059e-05	1.148711e-04	-1.751783e-03
## SPNCRNA.671	-1.599617e-04	-2.300868e-04	-2.702928e-04	-3.314625e-05
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	-2.788211e-03	-2.063083e-04	2.677586e-03	-1.664768e-03
## SPAC1D4.14	-2.567172e-03	-1.317981e-03	2.484985e-03	-2.206166e-03
## SPAC22F3.13	-1.978506e-03	-5.414786e-04	1.686448e-03	-3.149828e-04
## SPNCRNA.675	-4.486979e-05	-6.500461e-05	-1.769368e-05	-7.636197e-05
## SPNCRNA.158	-6.495894e-06	-2.310446e-05	-1.494996e-05	-2.058848e-05
## SPAC22F3.11c	-7.271230e-05	2.701904e-04	9.334278e-05	-3.846209e-04
## SPAC22F3.10c	-5.546433e-03	-1.664424e-03	2.642943e-03	-1.049675e-03
## SPAC22F3.08c	3.903303e-04	-7.383498e-04	2.200089e-03	-6.135721e-04
## SPAC22F3.07c	-1.631158e-03	-9.472719e-04	3.172684e-04	8.842956e-04
## SPAC22F3.05c	-1.811767e-03	-1.397660e-03	3.668914e-03	-1.606449e-03
## SPNCRNA.676	-1.065870e-06	2.155734e-05	1.869920e-05	-3.758573e-05
## SPAC22F3.03c	-6.048699e-04	-2.279837e-04	7.009445e-04	-4.642393e-04
## SPAC1296.03c	-2.657310e-04	1.962964e-06	1.938957e-04	-2.467869e-04
## SPAC1296.04	-8.675813e-04	1.981220e-04	1.051170e-05	-8.598813e-04
## SPAC1296.05c	3.451901e-04	-7.092709e-04	5.318253e-05	-2.111033e-04
## SPAPJ696.02	-4.891112e-03	-2.655658e-03	2.205598e-03	1.337821e-03
## SPAC22G7.01c	-3.240448e-03	-2.708195e-03	2.122825e-03	-1.171658e-03
## SPNCRNA.677	-7.782795e-05	-2.746594e-04	3.889536e-04	-1.451537e-04
## SPAC22G7.03	-3.484361e-05	4.829604e-05	2.242727e-04	-1.339107e-04
## SPNCRNA.678	-1.000689e-04	1.804305e-05	9.171408e-05	-2.700941e-05
## SPAC22G7.05	1.367041e-03	-1.874968e-03	8.260822e-04	-1.153640e-03
## SPAC22G7.09c	-1.316093e-03	-4.892870e-04	2.611387e-03	-1.703904e-03
## SPAC22G7.10	-1.849233e-03	-1.292824e-03	1.849712e-03	-2.218281e-03
## SPAC4G8.02c	1.396456e-03	-1.672933e-03	-7.146628e-04	-1.728343e-04
## SPAC4G8.03c	-6.039125e-04	4.733942e-05	-9.038150e-04	-2.758251e-04
## SPAC4G8.06c	-4.435737e-04	-6.462114e-04	3.403158e-04	-7.734493e-04

## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-1.674489e-04	-8.599960e-05	1.294750e-04	-9.353511e-05
## SPAC4G8.11c	-2.505386e-04	2.704369e-04	9.054571e-05	-3.499535e-04
## SPAC4G8.12c	-6.680762e-04	-1.015497e-04	3.510328e-04	-6.334793e-04
## SPAC4G8.13c	-2.778837e-03	2.481807e-04	-4.228937e-05	-1.300916e-03
## SPAC16C9.05	-2.736978e-03	1.812081e-04	1.115572e-03	-7.171025e-04
## SPAC2G11.02	-4.954326e-04	-3.361316e-03	2.812243e-03	-2.278803e-03
## SPAC2G11.03c	-1.054707e-03	1.495546e-04	1.129021e-03	-9.047697e-04
## SPAC2G11.06	-5.300919e-04	1.124327e-04	2.061717e-04	1.802387e-04
## SPNCRNA.688	-2.397161e-04	-2.698521e-04	-1.003422e-04	1.043048e-04
## SPAC2G11.07c	-7.168779e-03	-7.982113e-03	7.598759e-03	5.202871e-03
## SPAC2G11.09	-4.998903e-03	7.726735e-04	-1.311708e-03	-2.077869e-03
## SPAC2G11.12	-1.664874e-03	4.780425e-04	2.043243e-03	-2.708417e-03
## SPNCRNA.691	-3.797389e-05	1.804785e-05	9.667626e-06	6.380165e-05
## SPNCRNA.692	-1.482095e-04	-5.191469e-05	-8.465414e-05	-1.142932e-04
## SPAC521.02	-1.918191e-04	3.818841e-04	1.159820e-03	3.393304e-06
## SPAC521.03	-1.434609e-02	3.764390e-03	2.252420e-02	1.532788e-02
## SPAC521.05	-2.282184e-02	-4.141696e-02	-4.063195e-02	-1.161953e-02
## SPAC23G3.01	-7.894509e-03	-1.838334e-03	1.376187e-02	1.114304e-02
## SPNCRNA.694	-1.347740e-05	-3.297841e-05	3.777377e-05	-1.749349e-05
## SPAC23G3.04	-7.737699e-04	9.695054e-05	4.124909e-04	-4.999564e-04
## SPAC23G3.06	-3.786462e-03	-1.235835e-02	-7.405878e-03	-1.018653e-02
## SPAC23G3.07c	-7.496326e-04	1.623274e-04	3.711920e-04	-2.532765e-04
## SPAC23G3.08c	-2.262829e-03	1.380109e-04	2.586858e-03	-1.513732e-03
## SPAC23G3.10c	-1.002484e-03	3.273117e-04	1.648938e-03	2.821923e-06
## SPAC22H12.01c	-3.273360e-03	1.214800e-03	1.728749e-03	3.448155e-03
## SPAC22H12.02	-7.145358e-04	-1.682820e-03	6.275170e-03	5.995316e-03
## SPAC22H12.05c	-9.385225e-04	1.627390e-04	8.073352e-04	1.038592e-03
## SPAC1687.01	6.259651e-04	-1.885403e-03	-1.431165e-05	-2.705610e-04
## SPAC1687.04	-6.069718e-04	3.822090e-04	6.670380e-04	-1.879518e-04
## SPAC1687.05	-1.237237e-03	-1.883059e-04	7.974147e-04	-1.485009e-03
## SPAC1687.06c	-1.632328e-03	-3.883807e-03	-7.472357e-03	-4.795526e-03
## SPNCRNA.696	-9.085355e-05	-3.822145e-05	4.752290e-05	-1.188653e-04
## SPAC1687.11	4.144499e-03	-7.466975e-03	3.965580e-03	-2.014044e-03
## SPAC1687.12c	-1.475220e-04	-6.114915e-04	-8.965706e-05	1.430353e-03
## SPAC1687.14c	-8.415274e-04	2.711246e-04	-9.464494e-04	-4.745192e-04
## SPAC1687.16c	-1.723670e-04	5.063670e-05	-1.257917e-04	-2.095633e-04
## SPNCRNA.160	3.245521e-06	8.404181e-06	1.696834e-05	6.477342e-06
## SPATRNAALA.01	-1.626299e-04	3.048831e-04	5.541512e-04	5.552674e-04
## SPAC1687.17c	-5.782421e-04	-6.211615e-04	1.350922e-03	5.895120e-05
## SPAC1687.18c	-1.207965e-03	-3.718136e-04	1.893306e-03	-8.463912e-04
## SPAC1687.19c	-2.533296e-04	-2.387268e-03	2.129484e-03	-2.855379e-04
## SPAC1687.20c	-7.822830e-04	-2.123164e-05	1.704688e-03	-5.783226e-05
## SPAC222.03c	1.147964e-03	2.072552e-04	1.806521e-03	-1.571051e-04
## SPAC222.19	-4.132108e-04	-9.795097e-06	-1.314633e-04	-1.797823e-04
## SPAC222.04c	-7.411404e-04	-9.115665e-05	1.546158e-03	9.051815e-04
## SPAC222.06	1.170236e-03	-2.127335e-03	1.101787e-03	-4.477378e-04
## SPAC222.07c	-2.028194e-03	-2.794940e-04	5.337209e-03	1.371107e-03
## SPAC222.08c	-4.081603e-04	-1.027065e-03	7.359987e-04	-5.690411e-04
## SPSNRNA.02	-3.580425e-02	-2.150135e-02	1.254697e-02	8.064448e-02
## SPAC222.17	9.173057e-05	6.292513e-05	7.287018e-04	3.073972e-05
## SPNCRNA.701	-5.657659e-05	3.892142e-05	7.261420e-05	3.097359e-05
## SPAC222.15	1.103551e-05	3.911969e-05	5.340679e-05	1.581445e-05
## SPAC222.18	1.537142e-04	2.083128e-05	6.350729e-04	2.902110e-04

## SPAC222.16c	-2.222259e-04	-3.385625e-05	6.137045e-04	5.706410e-04
## SPAC821.05	-5.113435e-03	-9.001478e-03	-6.485757e-03	-2.328195e-03
## SPNCRNA.702	-5.112370e-05	-7.317687e-05	9.129296e-05	8.222500e-05
## SPAC821.06	-1.460365e-03	-8.650828e-04	1.342157e-03	-4.606201e-04
## SPNCRNA.703	-1.922226e-04	-1.967793e-04	2.263857e-04	2.966351e-04
## SPAC821.08c	-3.167907e-03	1.112070e-03	6.720120e-03	-8.457872e-03
## SPAC821.09	-4.670598e-04	2.121041e-03	-1.336742e-03	-4.232356e-02
## SPAC821.10c	-2.655364e-02	1.061114e-02	-1.212669e-02	7.704784e-03
## SPAC821.12	-2.885657e-03	4.739747e-04	-7.368925e-04	-4.788334e-04
## SPNCRNA.220	-9.592804e-06	2.620726e-06	1.866745e-05	1.238500e-05
## SPAC139.01c	-7.549731e-04	-5.513883e-04	1.001801e-03	-7.370126e-04
## SPNCRNA.704	-8.800988e-05	1.418690e-04	7.154232e-05	2.907166e-05
## SPAC139.02c	-2.885061e-03	-4.365346e-03	2.277405e-03	-3.296883e-03
## SPAC23C4.03	-4.887770e-03	-3.172664e-04	4.785751e-03	-5.371418e-03
## SPAC23C4.05c	-5.103421e-03	1.239884e-03	-4.802571e-03	-1.615732e-03
## SPAC23C4.06c	-6.807953e-04	-5.613403e-04	-1.220175e-03	-3.747903e-04
## SPAC23C4.09c	6.070126e-04	-1.400811e-03	-5.430858e-04	4.281633e-04
## SPAC23C4.10	-3.797688e-04	3.115944e-04	3.359861e-04	-8.602156e-04
## SPAC23C4.11	-9.565947e-04	2.439116e-04	2.975685e-03	9.988279e-04
## SPAC23C4.13	-5.725383e-04	-7.645834e-05	-4.603128e-04	3.683643e-04
## SPAC23C4.14	-7.970514e-04	3.370535e-05	1.253564e-03	-4.410893e-04
## SPAC23C4.15	-3.609269e-04	-2.490731e-03	5.695674e-04	-1.720945e-03
## SPAC23C4.17	-6.543471e-04	-1.859085e-03	1.237575e-03	-2.549024e-03
## SPAC23C4.18c	-1.675391e-03	8.559152e-05	7.261299e-04	-8.662327e-04
## SPAC1A6.01c	-7.423578e-04	9.870075e-05	6.961349e-04	2.910579e-04
## SPAC1A6.02	3.493047e-04	-1.558931e-03	-1.680550e-04	-1.444128e-03
## SPAC1A6.03c	-1.240796e-02	2.836279e-03	1.738424e-03	-2.643265e-03
## SPAC1A6.04c	-1.231511e-02	1.896149e-03	1.732248e-02	-1.545261e-02
## SPNCRNA.710	-6.187818e-05	4.134614e-05	-4.492050e-05	1.215579e-04
## SPAC1A6.06c	-1.582882e-04	1.305884e-04	1.232506e-04	3.556021e-05
## SPAC1A6.08c	-1.230605e-04	-1.366217e-04	2.373010e-05	-7.789853e-05
## SPAC30D11.14c	-1.584744e-03	-5.083848e-04	1.762266e-03	-5.106903e-04
## SPATRNASER.01	-5.829965e-04	-7.856689e-04	1.003665e-04	-2.620727e-05
## SPATRNAMET.01	-2.964205e-05	-1.686935e-04	-4.219448e-05	4.645314e-04
## SPNCRNA.711	1.659403e-05	-5.905095e-05	-8.263660e-05	1.230421e-04
## SPAC30D11.07	-3.219868e-04	1.127672e-04	-4.695864e-06	-3.526992e-04
## SPAC30D11.06c	-1.384141e-03	-2.339076e-04	1.505178e-03	-1.048869e-04
## SPAC30D11.05	-1.124520e-03	-3.268184e-04	1.162102e-03	-8.868921e-04
## SPAC30D11.02c	-6.434146e-05	-4.387329e-06	-8.934699e-05	2.017915e-05
## SPAC56F8.02	-3.854349e-03	7.228477e-04	1.048195e-03	-3.119536e-03
## SPAC56F8.04c	-3.055883e-04	-8.574724e-04	1.580584e-04	8.007855e-04
## SPAC56F8.06c	-8.414839e-04	2.622903e-04	4.084290e-04	-1.235161e-03
## SPAC56F8.09	7.640868e-04	-1.600165e-03	1.259684e-03	-1.097051e-03
## SPNCRNA.716	-6.112567e-04	-5.165443e-05	-1.591776e-04	3.562613e-04
## SPAC56F8.12	2.484068e-05	-4.055257e-05	-3.022752e-05	1.140937e-04
## SPAC56F8.16	-2.321706e-03	1.804509e-03	1.327183e-03	-3.894801e-03
## SPAC22A12.02c	-3.429049e-05	4.201010e-06	1.773164e-05	5.302859e-05
## SPAC22A12.04c	-1.620170e-02	-2.513397e-02	-1.783235e-02	-8.073156e-03
## SPNCRNA.717	-2.204761e-05	-2.320608e-05	6.182699e-06	-7.602114e-05
## SPAC22A12.07c	-9.581951e-03	-1.999771e-03	1.409720e-02	1.723504e-03
## SPAC22A12.08c	-3.028445e-03	7.490617e-05	2.425845e-03	1.192738e-03
## SPAC22A12.10	-3.287295e-03	-2.990007e-03	1.436683e-03	1.562731e-03
## SPAC22A12.09c	-5.464306e-04	1.316826e-04	6.565324e-04	-6.723712e-04
## SPAC22A12.11	-9.009177e-03	-4.463159e-04	6.611762e-03	9.567346e-04

## SPAC22A12.12c	-8.773048e-04	-4.295876e-04	2.111321e-03	9.512682e-04
## SPAC22A12.14c	-3.469878e-05	1.709415e-04	1.417498e-03	6.293675e-04
## SPNCRNA.719	-5.220513e-05	-1.245139e-05	4.025564e-06	6.365371e-05
## SPAC22A12.17c	-5.820187e-02	2.718010e-02	7.462288e-03	4.213711e-02
## SPNCRNA.168	1.649390e-05	-3.209064e-06	-3.402148e-05	1.124892e-05
## SPNCRNA.720	-5.512090e-05	-8.225336e-05	-2.423513e-04	5.217647e-05
## SPNCRNA.721	-5.065537e-05	1.145013e-04	-2.804571e-04	-5.126125e-04
## SPAC4C5.02c	-6.167964e-04	-6.921696e-04	1.069485e-03	-4.378938e-04
## SPAC4C5.03	-2.379605e-03	5.859997e-04	-1.294565e-04	-1.363152e-03
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	-4.229274e-03	-8.845651e-03	-1.429337e-02	-2.240577e-02
## SPNCRNA.724	-5.353456e-04	1.048377e-04	-6.689845e-04	-2.284225e-04
## SPAC10F6.02c	-1.418527e-03	-3.581181e-04	4.987068e-03	-2.143392e-03
## SPAC10F6.05c	-2.090101e-03	1.391012e-03	-9.047842e-04	6.021378e-04
## SPNCRNA.725	-2.067035e-04	8.446760e-05	3.788243e-04	1.086802e-04
## SPAC10F6.10	-6.119663e-05	-9.602505e-04	1.176932e-03	-3.933192e-04
## SPNCRNA.726	-9.141536e-05	7.052474e-05	-7.639103e-06	-2.167627e-05
## SPAC10F6.15	-1.902734e-04	1.281871e-04	-4.298242e-06	1.164918e-04
## SPNCRNA.432	-1.306287e-05	-4.435596e-05	-6.269082e-05	1.130194e-04
## SPAC10F6.17c	-1.802496e-03	-3.016600e-04	1.072311e-03	3.141327e-04
## SPAC56E4.03	-7.689876e-03	-4.276537e-03	6.156937e-03	-1.547270e-03
## SPAC56E4.07	-1.884141e-03	-8.845286e-04	4.907046e-04	1.038505e-03
## SPNCRNA.730	-1.322735e-05	-2.867605e-05	7.231531e-05	-6.325776e-05
## SPAC1420.02c	-3.813050e-03	-6.206279e-03	-1.939926e-03	-4.259373e-03
## SPAC1420.03	-1.936497e-03	-3.701794e-04	2.251315e-03	2.710257e-04
## SPAC1420.04c	-1.987834e-04	-4.130847e-05	2.305325e-04	-9.815165e-05
## SPNCRNA.731	-1.268662e-05	9.444823e-06	-6.491293e-06	-1.619557e-05
## SPAPB17E12.02	-5.547987e-05	-8.546408e-05	7.731560e-05	-1.059575e-04
## SPAPB17E12.03	-6.157177e-04	-1.039701e-04	1.402689e-03	-2.966698e-04
## SPAPB17E12.05	-3.480356e-03	-1.049870e-02	-7.677421e-03	-2.938098e-03
## SPAPB17E12.11	-3.213823e-03	-1.301931e-03	3.402123e-03	-4.355143e-04
## SPNCRNA.732	-2.486148e-06	2.257907e-05	-3.997466e-05	-1.195208e-04
## SPNCRNA.733	-3.472084e-05	-8.564883e-05	-6.216500e-06	-1.171105e-04
## SPAC1565.03	-2.905407e-04	8.026678e-05	4.090632e-05	-3.841445e-04
## SPAC1565.05	-7.331279e-04	-4.324576e-03	5.231465e-03	-3.739151e-03
## SPAC1565.06c	-1.681272e-03	1.396984e-03	-1.391267e-03	-2.803247e-04
## SPAC1565.07c	-2.353207e-03	4.798768e-05	5.634869e-03	9.924499e-04
## SPATRNAPRO.02	-9.595583e-02	-6.440618e-03	-3.360553e-02	2.061741e-02
## SPSNORNA.53	-1.081770e-03	7.022997e-04	-2.568285e-03	-3.464601e-03
## SPAC6F12.06	-3.179978e-03	-4.243856e-05	2.759968e-03	4.241309e-04
## SPAC6F12.07	-7.959412e-04	-1.294877e-03	-1.109738e-04	-7.740969e-05
## SPAC6F12.08c	-1.152831e-03	3.360752e-04	5.115085e-04	-6.848580e-04
## SPAC6F12.09	-1.023165e-03	6.280835e-04	8.070176e-04	-1.423631e-03
## SPAC6F12.12	-1.568708e-03	7.530422e-04	1.690098e-03	2.312238e-04
## SPAC6F12.13c	-3.393531e-03	-2.536991e-03	-5.358488e-04	-2.278546e-03
## SPAC6F12.15c	-1.821647e-03	5.828260e-04	-5.659950e-05	-1.453734e-03
## SPAC19E9.01c	-2.064516e-03	-1.676100e-04	1.189271e-03	-1.714681e-03
## SPAC19E9.02	-7.382571e-04	-5.353586e-04	9.232916e-04	-1.945283e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	-5.685445e-05	-2.603447e-05	1.339385e-05	4.553489e-05
## SPAC19E9.03	-7.148128e-03	1.738480e-03	-2.109743e-03	-1.526584e-03
## SPAC57A10.03	-1.999613e-04	-4.083354e-04	3.961215e-04	-8.110043e-05
## SPAC57A10.05c	-2.351175e-03	5.805579e-04	-1.019476e-03	-1.253516e-03

## SPAC57A10.06	-4.826075e-05	1.021273e-05	2.741672e-06	-9.422817e-05
## SPAC57A10.07	-5.420439e-04	-8.485012e-04	1.259868e-03	6.138372e-04
## SPAC57A10.08c	-4.017803e-04	-3.956077e-06	3.732167e-04	7.613814e-04
## SPAC57A10.09c	-6.531097e-03	1.993781e-03	-2.406450e-03	5.887165e-03
## SPAC57A10.12c	-1.757449e-03	-9.552833e-03	-6.189277e-03	-5.577868e-03
## SPAC20G8.04c	-6.628448e-03	-3.460969e-03	5.587698e-03	9.497775e-05
## SPAC20G8.05c	-2.961074e-03	-1.697121e-03	4.930333e-03	-8.692968e-04
## SPAC20G8.06	-7.613668e-03	-7.670180e-04	1.057555e-02	-9.780132e-03
## SPAC20G8.08c	-1.026424e-03	-4.978854e-04	4.199129e-03	-2.135374e-03
## SPAC20G8.09c	-1.696477e-04	-7.547432e-03	8.582869e-04	-7.069012e-03
## SPAC20G8.10c	-1.127417e-04	8.443226e-05	-1.276932e-04	-1.638853e-04
## SPAC3A12.04c	-2.617974e-04	-4.132269e-04	1.027616e-03	-3.174597e-04
## SPAC3A12.19	-1.698530e-04	-7.374410e-05	-2.275132e-04	2.657211e-04
## SPAC3A12.07	1.788801e-04	-8.947510e-04	1.375438e-03	8.586485e-04
## SPNCRNA.741	6.181869e-05	-6.113250e-05	-3.968483e-05	1.699875e-04
## SPAC3A12.11c	-5.472130e-04	2.810772e-04	-1.007009e-04	-1.217795e-03
## SPAC3A12.14	-7.011792e-03	4.317602e-04	2.979019e-03	3.529023e-03
## SPAC3A12.15	-1.534538e-03	1.176285e-05	1.909301e-03	-3.286170e-04
## SPSNORNA.48	-6.707333e-06	1.328385e-06	-7.534735e-06	3.465943e-06
## SPAC3A12.18	-1.909401e-02	2.707209e-03	9.904208e-03	7.673931e-03
## SPAC9.03c	-3.020858e-03	1.141001e-03	6.623374e-03	-3.275923e-03
## SPAC9.05	-3.271683e-04	2.404331e-04	1.123029e-03	5.818206e-04
## SPAC9.06c	-7.950870e-05	1.218416e-04	7.473307e-05	-2.496888e-04
## SPAC9.08c	-1.358917e-03	5.055154e-04	-3.502394e-04	-1.303641e-03
## SPAC9.09	-1.961735e-02	-3.700094e-02	-3.769936e-02	-3.472708e-02
## SPNCRNA.743	1.275188e-04	1.104894e-04	2.860027e-05	-3.265530e-04
## SPAC9.10	-8.914014e-05	-1.069343e-03	3.016538e-04	-5.312328e-04
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	-4.112960e-04	4.385370e-04	1.099233e-03	-1.425224e-04
## SPAC5D6.10c	2.448218e-07	2.764941e-07	1.187150e-05	-8.778543e-06
## SPAC5D6.09c	-4.588232e-04	3.743004e-04	-4.016239e-04	-1.139158e-03
## SPAC5D6.07c	-1.617453e-03	6.920680e-04	-1.357880e-03	-4.223136e-04
## SPAC5D6.04	-3.472411e-03	1.301486e-03	-1.551649e-03	-7.913835e-04
## SPAC5D6.02c	-1.739384e-04	9.842424e-05	3.157681e-05	-2.180999e-04
## SPAC57A7.10c	-6.262368e-03	-3.792348e-03	7.429599e-03	7.183203e-04
## SPNCRNA.174	-6.459622e-06	-3.993353e-06	-2.971505e-06	-2.799851e-06
## SPAC57A7.08	-4.376376e-03	-4.895397e-07	4.076597e-04	5.645720e-04
## SPAC57A7.06	6.182208e-05	-1.532071e-03	3.207026e-03	-2.928578e-03
## SPAC57A7.04c	7.377792e-04	-4.050364e-04	-1.904645e-02	-4.958950e-03
## SPAC167.07c	-2.701619e-03	5.360594e-04	1.669440e-03	7.009479e-04
## SPAC167.05	-1.075786e-03	4.601969e-04	5.668090e-04	5.746280e-05
## SPAC167.04	-4.806362e-04	4.807547e-04	1.864397e-03	6.630978e-04
## SPAC167.09	-3.257120e-04	5.835243e-05	4.682998e-04	-2.292331e-04
## SPAC167.08	-2.286117e-05	9.803092e-06	2.704277e-05	1.705107e-05
## SPAC1705.03c	-1.645059e-02	1.930451e-03	8.483707e-03	-2.722952e-02
## SPNCRNA.80	-8.460029e-07	1.591139e-05	1.346080e-06	-1.132695e-05
## SPNCRNA.745	1.210233e-06	8.469567e-06	3.002195e-05	9.043163e-05
## SPNCRNA.81	6.265865e-07	-1.766783e-07	8.886455e-07	1.804341e-06
## SPAC23H4.17c	-5.865864e-04	2.037739e-04	-2.721775e-04	-1.288363e-04
## SPAC23H4.16c	-8.070279e-04	-1.166435e-04	7.451196e-04	-5.049077e-04
## SPAC23H4.15	1.199968e-03	-5.845783e-03	4.237672e-03	6.452462e-04
## SPAC23H4.21	1.446037e-04	8.923196e-05	6.205871e-04	1.088279e-04
## SPAC23H4.13c	-4.079044e-04	8.713484e-05	1.782598e-03	1.477985e-06
## SPAC23H4.12	-3.539356e-04	-1.477687e-03	1.254232e-03	1.006940e-03

## SPAC23H4.08	-1.601749e-04	-3.710892e-04	5.970080e-04	2.052716e-04
## SPAC23H4.07c	-4.821841e-04	-1.026340e-03	1.394053e-03	-1.616743e-05
## SPAC23H4.05c	-5.587884e-05	-2.825442e-05	-3.551202e-05	-1.071911e-05
## SPNCRNA.746	-8.046156e-05	-3.266905e-06	1.591100e-05	7.035311e-05
## SPAC23H4.04	-4.385646e-04	6.769888e-05	1.378057e-03	-1.099314e-03
## SPATRNATHR.01	-4.095348e-03	3.479785e-03	-2.184282e-04	-5.905305e-03
## SPNCRNA.747	-9.420670e-05	-1.071213e-05	2.035716e-05	-1.815943e-05
## SPAP27G11.03	-1.788230e-04	-2.047958e-04	9.778477e-05	-4.371082e-04
## SPAP27G11.05c	-2.487118e-03	7.989405e-04	-1.053512e-03	-1.967154e-03
## SPNCRNA.749	-5.910807e-05	-9.204864e-05	3.856337e-05	-9.905575e-05
## SPAP27G11.09c	-2.306872e-03	-5.460103e-04	2.827892e-03	-1.093602e-05
## SPAP27G11.14c	-7.101263e-04	2.187087e-04	1.380586e-03	-1.888889e-03
## SPAP27G11.15	-2.105554e-04	1.104426e-04	7.153926e-04	-4.691638e-04
## SPAC343.01c	-1.199825e-03	-7.613937e-04	2.078435e-03	-3.929793e-04
## SPAC343.03	-1.965095e-04	-6.172215e-05	4.917573e-04	-1.498023e-04
## SPAC343.04c	-2.504494e-03	1.290199e-03	-1.606471e-03	-1.239258e-03
## SPAC343.05	-7.229135e-03	-5.229148e-03	4.155416e-03	-3.374679e-03
## SPAC343.08c	-1.341745e-03	-1.508719e-03	2.425512e-03	9.563531e-04
## SPAC343.07	-3.406085e-05	2.585121e-05	6.145556e-05	-3.626032e-06
## SPNCRNA.752	-1.674222e-04	-1.668287e-05	-1.363079e-04	-6.420603e-05
## SPAC343.10	-4.931946e-03	-1.483893e-03	2.845195e-03	5.970385e-04
## SPAC343.11c	-1.878856e-03	9.117345e-04	-1.486415e-04	-1.307316e-03
## SPAC343.20	1.312913e-03	-1.436144e-03	-1.391001e-03	-1.647452e-04
## SPAC343.17c	-1.723182e-03	6.179676e-04	6.664124e-04	1.644183e-04
## SPAC343.15	-2.434931e-04	-9.942406e-05	5.930844e-04	-3.182220e-04
## SPNCRNA.754	-2.046409e-06	-8.171371e-08	-1.919557e-06	2.279107e-06
## SPAC824.04	-1.425949e-03	2.071631e-04	1.783409e-03	-1.261936e-03
## SPAC824.05	-2.302197e-03	8.601281e-04	1.176290e-03	-1.230580e-03
## SPAC824.07	-5.155761e-03	3.334102e-03	1.347300e-04	2.488006e-05
## SPAC824.08	-2.387596e-03	-5.348100e-04	2.386641e-03	-6.296242e-04
## SPATRNALYS.01	-6.735632e-04	-2.744970e-04	-3.642639e-04	-1.185430e-03
## SPAC664.03	-1.122835e-03	-1.204126e-03	2.516958e-03	1.373094e-03
## SPAC664.04c	-6.286350e-03	-1.470156e-02	-1.384117e-02	4.610461e-04
## SPAC664.07c	-4.803898e-04	1.025281e-04	1.014409e-03	-3.583445e-04
## SPAC664.08c	1.921896e-03	-2.540453e-03	4.186312e-03	9.897290e-04
## SPAC664.09	-4.389272e-03	-9.356611e-04	2.124977e-03	7.394806e-04
## SPAC664.10	-2.965564e-03	6.891093e-04	1.673873e-03	6.718605e-05
## SPAC664.11	-3.551288e-02	-4.078072e-02	-3.712154e-03	9.740122e-03
## SPAC664.12c	-6.613472e-04	-6.723333e-05	8.866285e-04	1.117031e-04
## SPAC664.14	-3.737397e-03	-3.420379e-03	4.377849e-04	-2.361227e-03
## SPNCRNA.758	-1.919098e-05	-1.444777e-07	4.404344e-05	-1.254743e-05
## SPACUNK12.02c	-9.692043e-04	2.347687e-04	-3.816099e-04	2.063759e-04
## SPAC105.01c	-6.499164e-04	7.171674e-05	8.447508e-04	-7.492983e-04
## SPAC17A5.18c	-7.285079e-05	6.159348e-05	3.779835e-05	7.581723e-05
## SPAC17A5.02c	-3.717196e-04	-3.902389e-04	9.863969e-04	-5.344285e-04
## SPAC17A5.03	-6.529010e-03	-1.311332e-02	-1.388629e-02	-6.377923e-03
## SPAC17A5.04c	-1.372939e-03	9.023551e-05	1.561065e-03	-1.844264e-04
## SPAC17A5.19	-1.475648e-04	6.394496e-05	7.162520e-05	1.924727e-04
## SPAC17A5.06	-2.316340e-03	4.698922e-04	2.125243e-04	-1.362592e-03
## SPAC17A5.08	-1.752901e-03	-7.318808e-04	8.315679e-04	2.151709e-03
## SPAC17A5.10	-4.248975e-04	3.126150e-04	6.235677e-06	-1.780771e-04
## SPAC17A5.11	-7.442679e-06	5.665397e-05	1.283488e-04	-1.503198e-04
## SPAC17A5.12	-7.659261e-04	7.423615e-04	1.344540e-03	-6.095909e-04
## SPAC17A5.14	-5.802588e-03	-7.628626e-04	7.586541e-03	7.984025e-04

## SPAC17A5.16	-1.129293e-03	-5.659696e-04	2.358679e-03	-2.204960e-04
## SPAC1610.01	-2.041534e-04	-5.430914e-05	6.612006e-04	1.998572e-04
## SPAC1610.02c	-1.067680e-03	-2.452817e-04	1.422667e-03	6.039424e-05
## SPAC1610.03c	2.385101e-05	-1.684173e-05	1.791369e-04	1.642168e-04
## SPAC1610.04	-1.877687e-03	-1.528738e-04	7.522663e-04	4.818053e-05
## SPAC1002.02	-5.444242e-04	-4.067361e-05	5.605186e-04	-4.205681e-04
## SPAC1002.03c	-5.228798e-03	-2.049276e-03	2.868335e-03	-3.575005e-03
## SPAC1002.04c	-9.432472e-04	4.426415e-04	1.989362e-04	-1.559844e-03
## SPAC1002.05c	-1.114351e-03	8.246560e-04	5.849718e-04	-1.011152e-03
## SPAC1002.09c	-1.711776e-02	-1.021842e-02	-8.293392e-04	1.053829e-02
## SPAC1002.12c	-2.954645e-03	-1.355094e-03	8.274819e-04	5.183981e-04
## SPAC1002.20	-5.549121e-05	-9.846205e-05	-5.360306e-04	4.118732e-04
## SPAC1002.19	-8.311310e-03	3.276135e-03	2.617091e-02	7.737695e-03
## SPAC1399.04c	-1.586707e-03	3.106053e-04	-6.696217e-04	2.310840e-05
## SPAC1399.03	-1.906242e-03	-8.329002e-04	7.456970e-04	-2.343744e-03
## SPAC1399.01c	-1.011625e-03	4.736364e-04	-4.779054e-04	-3.612100e-04
## SPAP11E10.02c	-4.237125e-04	1.855502e-04	6.820776e-06	-4.487801e-04
## SPAPB1A10.02	-5.418090e-04	1.359387e-04	-3.437762e-05	-4.806553e-04
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	2.968026e-05	-1.131815e-03	3.220196e-03	-6.208963e-04
## SPAPB1A10.07c	-2.744928e-03	4.883658e-04	3.725197e-04	-1.076502e-03
## SPNCRNA.767	-1.101417e-04	1.841781e-06	-9.629202e-05	-7.267362e-04
## SPNCRNA.768	-4.315987e-05	-2.183702e-04	-8.157823e-05	-1.082088e-04
## SPAPB1A10.08	-8.352009e-04	-3.013183e-04	1.057624e-04	-1.050849e-04
## SPAPB1A10.10c	-5.447957e-04	-6.472612e-06	9.498372e-04	-3.049926e-04
## SPAPB1A10.11c	-3.610502e-04	-5.482188e-04	1.017667e-03	-1.942504e-04
## SPAPB1A10.12c	-1.940474e-03	-5.992126e-04	1.595577e-03	-1.753333e-03
## SPNCRNA.769	-2.078004e-04	-6.743559e-05	2.257710e-04	-1.146812e-04
## SPNCRNA.770	1.706882e-05	-3.283466e-05	2.061530e-05	9.477218e-05
## SPAC140.02	3.473222e-02	-6.147561e-02	-3.649976e-02	-4.525466e-02
## SPNCRNA.771	-2.046552e-04	-6.133464e-05	1.178417e-04	-4.072184e-05
## SPAC140.04	-3.280996e-04	1.838500e-04	2.183894e-05	-3.433059e-04
## SPAC110.02	-7.122880e-04	-2.855358e-04	1.322255e-03	-1.540604e-03
## SPNCRNA.773	-6.606062e-05	-5.009869e-05	4.711923e-05	-9.009846e-05
## SPAC110.04c	-1.365119e-02	-1.170412e-02	3.911034e-04	-1.231787e-02
## SPAP14E8.02	-1.023600e-03	-9.949823e-04	1.560446e-03	-9.082657e-03
## SPAP14E8.03	-1.403457e-03	1.830134e-04	-6.579705e-04	-9.439808e-04
## SPAP14E8.04	-7.414466e-04	1.497317e-04	6.074991e-04	-4.104537e-05
## SPAP14E8.05c	-1.329728e-03	6.281859e-04	2.580564e-03	2.335748e-03
## SPAC3H1.03	1.235836e-04	-4.020557e-04	4.777800e-04	-2.686463e-04
## SPNCRNA.775	-2.392691e-05	2.821404e-05	-2.515818e-05	5.704199e-05
## SPAC3H1.08c	-2.196401e-04	2.347952e-04	8.371598e-04	-2.790898e-04
## SPNCRNA.776	-5.669924e-05	-2.375059e-05	1.029596e-04	-1.133256e-04
## SPAC3H1.10	-6.366128e-04	-9.224022e-04	1.471439e-04	-5.504662e-04
## SPNCRNA.778	-4.596748e-05	-3.870820e-05	-2.107261e-05	-2.731618e-04
## SPNCRNA.779	-1.938429e-04	-5.196865e-05	-3.031672e-05	-2.242609e-05
## SPNCRNA.780	5.158150e-05	1.539035e-05	-4.682211e-07	-1.991930e-04
## SPNCRNA.782	-7.689947e-05	-2.574339e-04	-2.287263e-04	-2.346616e-04
## SPAC3H1.11	-4.210785e-03	3.619207e-03	-4.785246e-03	-9.369435e-03
## SPAC3H1.14	-7.421140e-04	3.072151e-04	2.944804e-04	-5.723053e-04
## SPAC9G1.05	-3.800344e-03	-5.916094e-05	5.884216e-03	7.842451e-04
## SPAC9G1.06c	-9.374757e-04	1.888318e-04	7.244551e-04	-1.656538e-03
## SPAC9G1.07	1.718626e-05	9.339555e-05	2.176986e-04	1.853171e-04
## SPAC9G1.11c	-2.041420e-03	1.117965e-03	1.311464e-03	-1.359808e-03

## SPAC9G1.12	1.925273e-04	-1.775753e-03	1.598749e-03	5.374264e-04
## SPAC767.01c	-1.163395e-02	1.570284e-03	1.672661e-02	9.643347e-03
## SPNCRNA.786	-3.427386e-05	2.296962e-05	6.274513e-05	-7.857275e-05
## SPAC17H9.01	-1.726854e-03	1.373255e-04	2.119693e-03	-1.637241e-03
## SPAC17H9.05	3.596116e-03	-3.781532e-03	4.113777e-03	4.042934e-04
## SPAC17H9.06c	-4.887980e-04	4.844023e-04	1.013888e-03	-3.864817e-04
## SPAC17H9.07	-1.002764e-03	-8.072854e-04	1.359922e-03	-1.337058e-04
## SPAC17H9.08	-6.425301e-04	-1.319144e-04	1.815927e-03	7.711499e-04
## SPAC17H9.11	-1.298615e-03	-5.207965e-04	1.176300e-03	-5.403857e-04
## SPNCRNA.788	-1.595086e-05	-2.821763e-05	3.439665e-05	-4.185684e-05
## SPAC17H9.18c	6.977249e-06	7.353077e-06	1.429049e-05	1.807117e-05
## SPAC17H9.19c	1.306026e-04	1.899106e-04	-9.854131e-05	3.429680e-04
## SPAC607.02c	4.946950e-05	9.466697e-05	8.864930e-04	2.055627e-04
## SPNCRNA.789	-1.764704e-04	4.381331e-05	1.220610e-04	-6.234005e-05
## SPAC607.07c	-1.977526e-03	9.064171e-04	-1.108012e-03	-4.631687e-04
## SPAC607.08c	-2.928877e-03	2.114692e-03	-3.206374e-03	-2.828281e-04
## SPNCRNA.186	-2.283465e-05	6.564259e-06	-1.647062e-05	1.456366e-05
## SPAC607.10	-1.516651e-03	-2.226779e-04	9.438389e-04	-1.831597e-03
## SPNCRNA.790	-1.693296e-06	8.264182e-06	-2.608137e-06	9.260400e-06
## SPAC3C7.01c	-2.721751e-03	-1.105663e-04	2.700459e-03	-1.849351e-03
## SPAC3C7.03c	-6.739040e-04	2.024620e-05	5.289597e-04	-4.988170e-04
## SPAC3C7.04	-3.459655e-03	-1.065032e-03	1.594653e-03	-2.519823e-03
## SPAC3C7.05c	-8.492609e-03	7.286432e-03	-5.775429e-03	3.554007e-03
## SPAC3C7.06c	-1.628698e-03	6.229241e-04	7.536919e-04	-1.105500e-03
## SPAC3C7.07c	-4.479760e-04	1.138977e-04	1.072603e-03	-7.762573e-04
## SPAC3C7.10	-4.638047e-04	-2.456115e-04	1.668875e-03	1.186415e-03
## SPAC3C7.11c	-1.026778e-02	-9.001535e-03	1.058013e-02	7.329268e-04
## SPAC3C7.12	-2.310977e-03	-3.668288e-04	4.341021e-03	-4.138724e-04
## SPAC3C7.13c	-1.702616e-03	1.440282e-03	-6.300514e-04	8.367265e-04
## SPNCRNA.792	1.886894e-05	-8.462776e-05	-8.268285e-05	-3.007880e-05
## SPAC3C7.14c	-4.524548e-02	2.793129e-02	2.762826e-02	4.738201e-03
## SPAC25A8.01c	-6.389608e-03	-2.741269e-03	8.934456e-04	-1.941159e-03
## SPAC631.01c	-1.403404e-03	-1.998888e-04	6.637430e-04	-1.843742e-04
## SPAC20H4.01	-2.133352e-04	-1.833196e-03	2.597814e-03	-2.882472e-03
## SPNCRNA.795	-1.331310e-04	1.731693e-04	3.644361e-04	1.939753e-04
## SPAC20H4.05c	2.336907e-04	-7.209230e-04	-7.503346e-04	-5.625016e-04
## SPAC20H4.06c	-1.270660e-03	1.925109e-04	1.190174e-03	-1.515576e-03
## SPAC20H4.07	-1.078645e-03	1.522768e-04	-3.682657e-04	-8.444643e-04
## SPNCRNA.796	-6.733776e-06	-4.525957e-05	6.036625e-06	2.308342e-04
## SPAC20H4.11c	-2.962605e-04	1.351025e-04	4.020456e-04	-9.716262e-05
## SPAC23C11.02c	-1.276187e-03	-2.564052e-02	-1.887410e-02	7.901630e-03
## SPAC23C11.06c	-8.944693e-03	4.712005e-03	-8.920517e-03	-2.372951e-03
## SPNCRNA.798	1.895124e-04	-3.409664e-04	-2.459619e-04	-3.538646e-04
## SPAC23C11.07	3.278427e-05	-2.543455e-05	-4.689055e-05	9.147661e-05
## SPAC23C11.12	-7.683518e-05	8.886331e-05	4.142324e-04	-1.625200e-04
## SPAC23C11.13c	-2.196112e-03	-5.573736e-04	8.556006e-04	-8.558308e-04
## SPNCRNA.187	2.300998e-05	-1.540001e-05	-1.446969e-05	-6.265190e-05
## SPAC23C11.16	-1.233730e-03	-1.126540e-04	1.714294e-03	-2.938832e-04
## SPAC13F5.03c	-2.070757e-04	1.720584e-04	4.608068e-04	-1.034465e-04
## SPAC13F5.04c	-2.477130e-04	4.141374e-05	3.010578e-05	-6.387752e-05
## SPAC13F5.05	-8.328276e-04	2.194413e-04	-4.909101e-05	-4.204554e-05
## SPAC1783.01	-7.993071e-04	-6.067980e-04	-6.084044e-05	-1.650299e-03
## SPAC1783.03	-5.093394e-04	1.257406e-04	1.056132e-03	-1.559338e-04
## SPAC1783.05	-7.426176e-04	-1.052708e-03	6.768923e-03	1.191203e-03

## SPAC18G6.03	-4.231474e-03	-2.967076e-03	2.802869e-03	-1.412501e-03
## SPNCRNA.805	4.167440e-06	-7.605005e-06	1.235778e-05	5.543613e-05
## SPNCRNA.188	-1.830327e-05	1.700420e-05	-4.922553e-07	5.826771e-06
## SPAC18G6.15	-2.209385e-03	-6.813379e-04	1.904446e-03	-7.278106e-04
## SPAC13D6.01	-5.884126e-04	7.704855e-05	-2.361842e-04	-1.033170e-03
## SPNCRNA.807	1.203727e-05	-1.358826e-04	-1.178965e-04	-1.150243e-04
## SPAC13D6.03c	1.727232e-04	-6.077978e-04	1.511664e-03	2.173818e-04
## SPAC4G9.04c	-1.267297e-03	3.664616e-05	3.016309e-04	-1.233098e-03
## SPAC4G9.03	-9.262236e-03	-1.068748e-02	-5.509664e-03	6.199204e-03
## SPAC4G9.05	-1.742397e-05	-5.065610e-05	1.386862e-04	-1.891393e-04
## SPAC4G9.06c	-9.479058e-04	-1.023760e-03	9.807537e-04	-1.415888e-03
## SPNCRNA.808	3.382995e-05	4.138560e-05	-7.788053e-06	-1.452826e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	-1.103799e-02	-8.395293e-03	6.606037e-03	8.057802e-04
## SPAC4G9.10	-2.496859e-03	-1.879417e-03	-4.284878e-04	-6.029601e-04
## SPAC4G9.11c	-1.558131e-03	6.778539e-04	-5.540688e-04	8.273848e-04
## SPAC4G9.12	-5.407915e-03	3.965755e-04	1.678299e-03	2.565890e-03
## SPAC4G9.14	-9.665302e-04	8.742938e-05	7.050692e-04	-6.138796e-04
## SPAC4G9.15	-1.401291e-03	-1.699345e-03	-1.240921e-03	7.293986e-05
## SPNCRNA.809	-6.974214e-05	-3.852387e-05	3.686107e-05	-9.519411e-05
## SPAC4G9.19	-4.292907e-04	1.814915e-04	-2.237271e-04	-4.136708e-04
## SPAC4G9.20c	-8.336975e-04	-8.107445e-04	1.255455e-03	-4.597408e-04
## SPNCRNA.810	-1.049080e-04	-6.637033e-06	-1.444490e-04	-4.054673e-04
## SPAC13G7.01c	-2.331134e-03	-5.310640e-04	8.022856e-04	-2.694737e-04
## SPAC13G7.02c	-2.753034e-02	3.137563e-03	4.835881e-02	5.075290e-02
## SPAC13G7.03	-1.506021e-04	-1.841984e-04	1.478077e-04	-3.885882e-06
## SPAC13G7.04c	-1.659961e-03	1.021769e-03	8.791879e-04	-1.026346e-03
## SPAC13G7.05	-2.995383e-03	1.336493e-03	-2.197207e-03	-6.605133e-04
## SPAC13G7.06	-4.433061e-03	-1.251333e-03	3.811895e-03	3.366390e-03
## SPAC13G7.10	-8.889284e-04	-4.030466e-04	8.822026e-05	-1.093819e-03
## SPAC13G7.12c	-7.000702e-04	-1.112038e-04	6.775604e-04	-5.714983e-04
## SPAC13G7.13c	-3.402967e-04	2.541082e-05	1.168822e-03	-5.958814e-04
## SPNCRNA.812	-4.178610e-05	-2.369761e-04	-9.951512e-05	-1.868370e-04
## SPNCRNA.813	-1.054372e-04	-1.717424e-05	-6.274910e-04	2.675205e-04
## SPAC6C3.03c	1.407942e-05	-6.255678e-06	2.505309e-05	-5.713994e-05
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-1.040536e-05	3.811880e-06	9.571829e-05	-2.618632e-04
## SPNCRNA.815	-3.855107e-04	-5.026146e-07	-1.847094e-04	-2.192222e-05
## SPAC6C3.08	-4.105654e-04	3.180101e-04	-1.374687e-04	1.136365e-03
## SPAC6C3.09	-6.961907e-04	-6.867417e-04	-2.389113e-04	-3.342256e-04
## SPNCRNA.816	3.843854e-06	-5.684034e-05	-6.948441e-05	1.120346e-04
## SPAC17G8.03c	-1.135855e-03	7.421251e-05	1.763467e-03	-1.550715e-04
## SPAC17G8.15	-4.736857e-05	-7.907490e-05	1.455318e-04	-1.724177e-04
## SPAC17G8.04c	-1.842228e-03	-5.702304e-04	1.113167e-03	-4.179735e-04
## SPAC17G8.06c	-6.016010e-03	-3.554724e-02	-3.399660e-02	2.606626e-04
## SPAC17G8.08c	-6.677462e-04	-2.845161e-03	-1.675592e-03	-6.954608e-04
## SPAC17G8.11c	-3.437705e-03	-1.149151e-04	-8.469260e-04	-1.511223e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	-1.341702e-03	-2.723411e-04	1.806947e-03	-3.132282e-04
## SPAC17G8.14c	-1.943062e-03	4.132948e-04	6.958111e-05	6.548345e-05
## SPNCRNA.818	7.595998e-06	-5.623504e-06	-1.385665e-05	-3.390606e-05

## SPAC22H10.02	-1.067766e-03	2.561412e-04	-4.888522e-04	5.227338e-05
## SPNCRNA.820	-4.112696e-05	2.162749e-06	9.233622e-05	4.217113e-05
## SPAC22H10.04	-1.517988e-03	-2.287800e-04	7.037334e-06	-3.783713e-04
## SPAC22H10.05c	-1.769748e-03	-1.968626e-03	9.506164e-04	1.293821e-03
## SPAC22H10.06c	8.368340e-07	-8.172280e-06	-5.651202e-06	6.450579e-06
## SPAC22H10.07	-1.135618e-03	-1.069307e-04	7.747349e-04	-1.509004e-03
## SPAC22H10.08	-1.103083e-03	-4.801000e-04	1.532207e-03	-2.500080e-04
## SPAC22H10.11c	-2.810150e-04	1.132936e-04	8.739836e-04	1.073190e-03
## SPAC22H10.12c	-8.041800e-03	2.734778e-03	-4.402577e-03	3.001123e-03
## SPAC15F9.01c	1.223549e-05	-2.180517e-05	2.532724e-05	-4.903119e-06
## SPNCRNA.822	-8.336843e-06	-1.688731e-05	8.737252e-06	1.684103e-05
## SPNCRNA.193	-6.744330e-06	5.770980e-06	-9.143295e-06	-1.572623e-06
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	-3.604392e-03	1.089912e-03	-2.022851e-04	-1.535198e-03
## SPAC6B12.04c	-1.506543e-03	-7.116928e-04	2.040181e-03	7.457527e-04
## SPNCRNA.824	2.749761e-05	-5.844999e-05	1.504951e-04	1.683497e-04
## SPAC6B12.05c	-1.495875e-03	3.125206e-05	3.983048e-03	6.563423e-04
## SPAC6B12.06c	-3.050135e-04	6.001677e-04	9.368623e-04	5.994116e-05
## SPNCRNA.194	1.549953e-05	3.753854e-06	-2.627604e-05	-8.243424e-06
## SPNCRNA.825	-3.371206e-05	-4.919872e-05	-9.535039e-07	-9.665574e-05
## SPAC6B12.19	-5.518124e-05	7.294094e-05	1.895847e-04	-1.096063e-05
## SPAC6B12.09	4.358829e-05	-4.944689e-05	6.005894e-04	2.446001e-04
## SPAC6B12.10c	-5.330572e-04	4.267878e-05	3.729201e-04	1.281427e-04
## SPAC6B12.11	-4.827757e-04	6.261124e-05	5.009740e-04	-1.082998e-03
## SPNCRNA.43	-4.084716e-06	-3.063601e-06	-1.018525e-05	-1.243921e-05
## SPATRNATHR.02	-1.179731e-03	1.338732e-03	1.712524e-03	-1.626442e-03
## SPAC6B12.12	-3.835547e-03	-3.453130e-03	1.675821e-03	2.926164e-03
## SPAC6B12.14c	-7.661594e-04	-4.613320e-04	-4.235942e-04	-4.834010e-04
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	4.485170e-06	7.488086e-06	4.222191e-06	-4.478030e-06
## SPAC6B12.16	-5.447038e-05	-1.442265e-06	-5.184508e-05	7.575274e-05
## SPNCRNA.827	-1.082842e-04	-4.079510e-05	-1.214229e-05	-2.618524e-05
## SPAC32A11.04c	-3.694274e-03	-6.295095e-03	-4.604632e-03	-1.430688e-03
## SPAC32A11.01	-8.825753e-04	-1.385506e-04	-6.750867e-05	-5.236673e-05
## SPAC32A11.03c	-2.603612e-03	4.424160e-04	2.394710e-03	-2.700581e-03
## SPAC19A8.15	-1.238901e-02	-1.316029e-02	-1.652646e-03	-3.680210e-03
## SPAC19A8.14	1.468491e-05	-1.329055e-03	1.395137e-03	2.100174e-03
## SPAC19A8.16	-4.111850e-03	4.462232e-03	-5.224353e-03	-2.577487e-03
## SPAC19A8.06	-1.244168e-03	-3.188765e-04	1.532108e-03	-8.135209e-04
## SPAC23H3.02c	3.360973e-04	-4.004146e-04	-1.928549e-04	5.357988e-04
## SPAC23H3.03c	-9.398361e-04	3.589967e-04	8.995204e-04	-7.735151e-04
## SPNCRNA.558	1.632930e-06	4.519215e-06	-2.301574e-06	-5.965677e-06
## SPNCRNA.830	-8.594983e-06	-1.762016e-05	-5.086604e-05	-1.537369e-04
## SPAC23H3.07c	-8.664650e-04	-4.037664e-04	2.150611e-03	1.089581e-03
## SPAC23H3.09c	-1.254825e-02	-1.522932e-02	-6.757565e-03	-2.078203e-03
## SPATRNACYS.02	-2.055652e-03	-7.764937e-04	1.156093e-03	3.682438e-03
## SPAC23H3.10	-1.641650e-03	-2.007188e-05	2.605586e-03	-9.985750e-04
## SPAC23H3.11c	-3.362766e-04	-1.098218e-04	3.334216e-04	-3.168741e-04
## SPAC23H3.12c	-2.030411e-04	2.662606e-05	3.701585e-04	-5.731635e-05
## SPAC23H3.14	-6.311447e-04	-8.639268e-04	2.415842e-04	-7.682530e-04
## SPNCRNA.832	1.211056e-04	-2.655675e-04	-1.553466e-04	6.409607e-05
## SPAC25H1.02	-1.115202e-03	7.858522e-04	-1.934023e-03	-2.863154e-04
## SPAC25H1.03	-1.146627e-04	1.125178e-04	-2.670674e-03	3.191453e-04
## SPAC25H1.10c	-5.320124e-04	8.378043e-05	1.343914e-03	6.887851e-04

## SPAC25H1.09	-2.266285e-04	2.018507e-04	-6.952192e-05	-1.451353e-04
## SPAC4A8.02c	-2.066229e-03	-9.253071e-07	-8.449563e-04	-3.620403e-04
## SPAC4A8.03c	-2.522923e-03	-5.630107e-05	7.349696e-04	-1.950184e-03
## SPNCRNA.834	-1.555190e-04	-1.023917e-04	-6.943674e-05	-2.524274e-04
## SPNCRNA.835	-1.954879e-05	-4.588907e-06	-2.754621e-05	-2.179117e-05
## SPAC4A8.06c	-1.940176e-03	-4.345743e-04	3.231154e-03	-2.030325e-03
## SPAC4A8.09c	-9.774795e-04	-3.004643e-05	-8.020364e-05	-7.664471e-04
## SPAC4A8.11c	-1.926637e-02	-2.806304e-02	-2.897555e-02	-7.464198e-03
## SPAC4A8.13c	-5.040727e-03	9.451332e-04	4.964204e-03	4.680952e-03
## SPAC4A8.15c	-5.013078e-03	-3.135465e-03	8.539306e-04	-5.522221e-04
## SPAC4A8.16c	-2.924408e-03	-3.551832e-02	-1.013071e-02	-5.227248e-04
## SPNCRNA.840	2.947340e-04	-3.240073e-04	-6.070349e-04	5.101429e-04
## SPAC823.02	6.056778e-04	-8.572257e-04	6.434747e-04	4.490389e-04
## SPAC823.04	3.878460e-04	-6.128206e-04	8.662051e-04	-7.340770e-04
## SPAC823.05c	-1.249302e-03	6.384449e-04	-9.049194e-05	-2.254114e-03
## SPAC823.06	-1.994963e-04	7.237405e-06	-3.287388e-05	-4.734486e-05
## SPAC823.08c	2.346360e-04	-9.053855e-04	1.313983e-03	-2.965384e-04
## SPAC823.09c	-5.891951e-04	1.663178e-04	8.331875e-04	-1.004796e-04
## SPAC823.10c	-7.137453e-04	2.796477e-04	3.689995e-04	-9.280427e-04
## SPAC823.15	-5.032810e-04	1.990272e-04	-3.828944e-04	-1.476671e-03
## SPAC7D4.13c	2.214965e-04	1.285330e-05	1.144542e-03	9.737708e-04
## SPAC7D4.12c	-2.091965e-03	4.320151e-04	4.327206e-04	-3.409679e-04
## SPAC7D4.10	-4.536056e-04	4.026361e-04	1.019715e-03	-9.079901e-04
## SPNCRNA.842	2.361595e-05	-4.102490e-05	-1.735137e-05	1.107188e-04
## SPAC7D4.15c	-2.588639e-04	-6.180276e-05	1.502058e-04	2.136426e-04
## SPAC7D4.07c	-1.963803e-02	1.884005e-03	3.396740e-03	1.995954e-02
## SPSNORNA.12	-1.339775e-03	-4.708075e-03	-3.525537e-03	6.765056e-03
## SPAC7D4.05	1.102633e-04	3.847107e-04	1.444666e-03	3.046101e-04
## SPAC7D4.02c	-7.897844e-04	-1.840636e-04	6.725363e-04	-5.772641e-04
## SPAC4F8.13c	-4.003907e-03	1.428892e-03	4.238732e-03	-7.645921e-03
## SPAC4F8.11	-2.465979e-03	-3.331370e-05	3.000899e-03	-2.204563e-03
## SPAC4F8.08	-2.195361e-05	-1.366650e-05	3.462712e-05	-2.845065e-05
## SPNCRNA.201	2.464193e-05	-1.688351e-05	1.202276e-05	5.384142e-05
## SPAC4F8.06	-1.383806e-03	6.817314e-06	-7.411640e-05	-3.411589e-04
## SPAC4F8.05c	7.253134e-05	-3.823110e-04	1.008739e-03	1.194083e-04
## SPAC4F8.04	1.715937e-03	-2.016649e-03	2.286637e-03	1.859303e-03
## SPAC644.06c	-2.970557e-03	-3.070266e-04	-1.071520e-03	-1.409544e-03
## SPNCRNA.844	9.508199e-06	-1.930703e-04	-1.477688e-04	1.909774e-04
## SPATRNLALS.04	-2.281335e-04	1.344438e-04	8.505783e-05	2.537449e-04
## SPAC644.07	-1.351661e-03	7.000181e-05	1.955244e-03	2.429130e-05
## SPAC644.09	-1.316137e-03	-2.220042e-04	3.752165e-04	-8.376782e-04
## SPAC644.10	-1.836131e-04	8.105860e-05	6.466914e-04	-5.209655e-04
## SPAC644.12	-2.121847e-03	2.485250e-04	2.700292e-03	-1.506995e-03
## SPAC644.13c	-1.776991e-03	1.822962e-04	2.303062e-03	-4.401074e-04
## SPAC644.17c	-1.062598e-03	-6.322892e-04	1.054414e-03	-1.195951e-03
## SPNCRNA.198	-1.968160e-07	9.220934e-06	-6.598695e-06	-8.051190e-06
## SPAC644.18c	-6.563637e-04	-1.202444e-03	7.366968e-04	1.688493e-03
## SPAPB2B4.01c	-3.721325e-04	-1.366296e-04	1.900246e-04	-1.321737e-04
## SPSNORNA.54	3.010604e-03	-3.940317e-03	-6.249057e-03	8.341266e-04
## SPNCRNA.846	-5.367287e-05	-7.590665e-05	3.835688e-04	3.476930e-04
## SPAPB2B4.05	-1.991949e-03	-1.105667e-03	3.381866e-03	4.808578e-04
## SPAPB2B4.06	-6.170070e-04	-1.357921e-04	3.289650e-04	-6.108187e-06
## SPAPB2B4.07	-6.669810e-04	-7.202801e-05	1.352257e-03	9.393369e-05
## SPAC6F6.01	-3.669688e-03	1.042424e-03	3.399556e-03	-1.433261e-03

## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-2.164579e-05	5.960078e-06	4.791010e-05	7.461298e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-1.076334e-05	1.940597e-06	4.971207e-05	2.564769e-05
## SPAC6F6.05	-1.262011e-03	-9.314516e-04	2.054662e-03	1.471146e-03
## SPAC6F6.06c	-4.977397e-03	1.526002e-04	6.356044e-03	-6.140187e-03
## SPAC6F6.07c	-2.720829e-02	-3.044428e-02	-1.216647e-02	-1.083250e-02
## SPAC6F6.12	-3.000144e-03	7.673614e-04	-1.023782e-03	-6.980789e-04
## SPNCRNA.850	-7.393628e-05	2.564060e-05	3.289495e-05	1.622386e-04
## SPNCRNA.851	-5.113748e-05	-6.360284e-05	4.167274e-05	-1.011284e-04
## SPAC6F6.19	-2.005082e-04	-5.433292e-05	1.713676e-04	8.141596e-05
## SPAC6F6.15	-2.621388e-03	-2.658974e-04	1.725144e-03	5.482181e-04
## SPAC6F6.16c	-8.547128e-04	-4.367787e-04	2.111435e-03	-9.276303e-04
## SPAC1805.01c	-2.545165e-03	1.853583e-04	1.827219e-03	-1.643733e-03
## SPAC1805.02c	-6.409635e-04	-1.889188e-03	8.611009e-04	-2.038218e-03
## SPAC1805.06c	-2.096070e-03	-3.318509e-03	3.473640e-05	2.045074e-03
## SPNCRNA.853	2.881307e-05	8.681510e-05	1.664149e-04	4.214458e-05
## SPAC1805.07c	-1.013421e-04	-4.501425e-05	2.028095e-04	1.203707e-04
## SPNCRNA.854	4.378816e-05	-7.521306e-05	2.245397e-04	1.145650e-04
## SPAC1805.08	-6.810821e-04	-3.079210e-04	6.678893e-04	8.074056e-05
## SPAC1805.18	-3.008565e-05	-1.209563e-04	5.615933e-04	8.502584e-05
## SPAC1805.09c	-3.428363e-07	-2.063343e-04	4.439699e-04	2.790237e-04
## SPAC1805.10	-4.404494e-04	3.142173e-05	2.037308e-03	2.778807e-04
## SPAC1805.12c	4.872938e-04	-2.065128e-02	-1.227680e-02	-4.652755e-03
## SPAC1805.13	-1.343333e-02	-1.609546e-02	-1.247967e-02	-9.690938e-03
## SPATRNALEU.02	-2.220981e-03	1.073708e-04	-1.267142e-03	-4.798548e-03
## SPAC1B2.02c	-1.332750e-03	-9.939061e-04	2.385819e-03	-9.374276e-04
## SPAC1B2.03c	-6.609173e-03	-1.784209e-02	1.120371e-02	-2.337145e-02
## SPAC1B2.04	-1.659471e-03	-2.539968e-04	9.125019e-04	2.719469e-04
## SPAC1B2.05	-1.627812e-03	-9.591631e-05	1.047136e-03	-2.199362e-03
## SPAC3F10.03	-1.069862e-03	-6.695641e-03	-5.114785e-03	-3.930085e-03
## SPAC3F10.04	-1.582021e-03	1.761622e-04	1.677384e-03	8.497991e-05
## SPAC3F10.06c	-9.184208e-04	-3.447864e-04	1.198362e-03	-3.070819e-04
## SPNCRNA.855	-1.175938e-05	-5.051268e-05	7.933518e-05	-1.075373e-05
## SPAC3F10.09	1.089302e-04	-1.081129e-03	1.150625e-03	-3.306514e-04
## SPAC3F10.11c	-1.080761e-02	8.900953e-04	1.018771e-02	8.506926e-04
## SPATRNNATHR.03	-2.692925e-03	2.209136e-03	1.163610e-03	-5.217775e-03
## SPAC3F10.15c	4.288276e-04	-2.088153e-04	1.453529e-03	1.717485e-03
## SPAC3F10.13	-2.892002e-03	-2.899047e-04	-3.805401e-04	-1.079195e-03
## SPAC3F10.16c	3.335741e-03	-6.226161e-03	4.001324e-03	1.090047e-03
## SPAC3F10.17	1.620366e-03	-1.776102e-03	2.050326e-03	-5.202617e-04
## SPAC3F10.18c	9.722398e-03	-1.461325e-03	4.640026e-03	4.540180e-03
## SPAC8F11.03	-1.814637e-03	2.158561e-04	1.855395e-03	-1.283706e-03
## SPNCRNA.856	9.817949e-05	-9.122812e-05	4.425765e-05	1.964768e-04
## SPAC8F11.04	1.092409e-03	-3.262360e-03	1.421839e-03	-2.889855e-03
## SPAC8F11.08c	6.187553e-03	-4.790207e-03	-6.180699e-03	9.358763e-03
## SPAC8F11.09c	-7.954139e-04	-1.665165e-03	4.987972e-04	-9.776082e-04
## SPNCRNA.857	-1.142486e-04	-8.395607e-04	1.000471e-04	1.916322e-04
## SPACUNK4.17	-6.845083e-02	4.658108e-02	-9.932904e-02	-6.855433e-03
## SPACUNK4.19	-2.313033e-04	1.542600e-04	-3.900847e-04	1.557238e-04
## SPACUNK4.16c	-1.053914e-02	5.662459e-03	2.232556e-03	4.804250e-03
## SPACUNK4.15	-8.578940e-03	3.598095e-03	-7.421090e-03	3.866057e-03
## SPACUNK4.14	-6.521271e-04	-7.055386e-05	3.641227e-04	-4.138750e-04
## SPNCRNA.56	-6.459367e-05	5.628825e-05	1.135052e-04	7.406324e-05

## SPACUNK4.12c	-2.639893e-03	-2.654373e-04	6.152370e-03	3.129665e-03
## SPACUNK4.11c	3.812377e-04	-2.118480e-04	2.974351e-04	-1.899890e-04
## SPACUNK4.20	-9.092244e-05	2.997568e-05	1.603421e-04	1.116513e-04
## SPACUNK4.09	1.282936e-04	1.184559e-04	4.402263e-04	2.204959e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	-2.787424e-03	7.580423e-04	3.941226e-03	-2.303973e-03
## SPAPYUK71.03c	-1.130874e-02	1.958236e-03	1.106030e-02	2.952103e-03
## SPNCRNA.209	5.356458e-05	3.389470e-05	2.849469e-05	5.808293e-07
## SPAC513.04	6.112531e-06	-1.395239e-06	-1.458641e-05	-3.367191e-06
## SPAC513.06c	-4.322071e-03	2.940872e-03	5.221226e-03	6.043749e-03
## SPAC513.07	-1.392289e-02	5.056211e-03	1.369715e-02	1.687027e-02
## SPAC2E1P3.02c	-1.132881e-04	-7.964507e-05	-7.008878e-05	-7.591669e-05
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-2.172222e-05	-3.234300e-05	2.072518e-05	-1.726144e-07
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-1.495368e-03	-2.120968e-03	-2.924555e-03	-3.076672e-03
## SPNCRNA.861	1.328770e-04	-2.129743e-04	-2.049190e-04	-2.092287e-04
## SPNCRNA.862	2.085105e-04	-1.016544e-04	4.292288e-05	-2.847882e-04
## SPNCRNA.863	9.414869e-05	-1.305241e-03	-4.483726e-04	-6.612996e-04
## SPAPB24D3.01	-1.335622e-03	2.456555e-04	1.093892e-03	-7.857039e-04
## SPAPB24D3.02c	-2.400072e-03	6.845619e-04	2.904226e-04	-1.123822e-03
## SPAPB24D3.03	-2.119923e-03	-7.641946e-04	1.345696e-03	-1.079960e-03
## SPAPB24D3.04c	-6.438609e-04	1.206521e-04	-1.610601e-04	-1.663074e-04
## SPAPB24D3.07c	-5.441896e-03	2.000052e-03	1.706513e-02	7.235731e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	-8.600859e-03	5.894834e-03	-1.478737e-02	-8.095620e-03
## SPAPB24D3.10c	-8.206240e-04	5.894398e-04	1.342433e-03	-8.713266e-04
## SPNCRNA.867	-6.093720e-04	2.279761e-04	3.456032e-05	2.391148e-04
## SPNCRNA.868	-1.922662e-05	-1.568125e-06	4.688543e-05	1.084877e-05
## SPNCRNA.869	-1.513384e-05	8.670631e-06	1.427337e-05	-7.835938e-06
## SPAPB1A11.04c	-2.127366e-03	5.687753e-05	1.189372e-03	-2.612088e-03
## SPAC31G5.02	-2.048611e-03	-5.208506e-04	3.029852e-03	2.064390e-03
## SPNCRNA.870	-5.867788e-06	1.296833e-06	-1.254720e-05	6.441546e-06
## SPAC31G5.04	-4.422467e-03	-8.381161e-03	-2.669055e-03	-3.202004e-03
## SPAC31G5.06	-1.870534e-04	1.875635e-04	-1.121248e-04	-1.762236e-04
## SPNCRNA.871	-9.472534e-06	-1.923013e-05	5.284248e-05	3.013585e-05
## SPAC31G5.08	-6.906360e-04	-2.146618e-04	3.150497e-03	-1.040386e-03
## SPNCRNA.71	-3.640587e-06	2.241044e-05	1.478479e-05	-1.508548e-04
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	-3.878045e-04	-4.649082e-05	-2.516627e-04	-2.754152e-04
## SPAC31G5.11	-8.089827e-03	-2.970353e-04	4.803436e-03	-7.527039e-03
## SPAC31G5.21	-5.557920e-04	-1.127188e-05	-3.372089e-04	-6.006448e-05
## SPNCRNA.874	5.019044e-06	-2.714525e-05	-1.031070e-05	9.478736e-05
## SPAC31G5.14	-2.491671e-03	-6.711084e-04	3.043168e-03	2.084325e-04
## SPAC31G5.16c	-1.817556e-03	-2.048850e-03	8.578019e-04	2.270109e-03
## SPAC31G5.18c	-1.378317e-03	6.775386e-04	2.888938e-04	5.437808e-04
## SPAC31G5.19	-1.015435e-03	2.606432e-04	1.725702e-03	-3.411293e-04
## SPNCRNA.876	-7.920790e-05	3.590874e-05	9.628251e-05	-1.960313e-04
## SPNCRNA.877	2.214530e-05	-1.848478e-05	-2.836268e-05	-2.254497e-06
## SPAC1786.02	-1.803582e-03	-1.445108e-03	2.851436e-03	-4.251062e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	-1.331218e-03	-4.371115e-04	2.054656e-03	-1.393167e-03
## SPAC24C9.02c	-1.993163e-04	-4.540139e-04	1.177716e-03	8.353651e-04
## SPAC24C9.04	1.843086e-08	-2.663636e-04	2.089837e-03	8.082091e-04

## SPAC24C9.05c	-1.619444e-03	-1.232266e-03	4.070473e-03	2.031491e-03
## SPAC24C9.07c	-5.438630e-04	-2.378947e-04	3.748100e-04	-9.444362e-04
## SPNCRNA.881	-1.911502e-05	-2.558360e-05	-1.574872e-05	9.382931e-07
## SPNCRNA.882	-4.844558e-06	-2.924888e-06	1.536145e-06	-3.289391e-05
## SPAC24C9.08	-6.877193e-03	2.405837e-04	3.250249e-03	-2.664336e-05
## SPAC24C9.10c	-1.258941e-03	-1.181393e-04	6.733362e-04	6.831594e-06
## SPAC24C9.11	3.984285e-04	-2.114597e-03	3.844439e-03	1.752076e-03
## SPAC24C9.12c	-8.439962e-03	-1.022328e-02	-3.491785e-03	-1.619260e-02
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	-5.240893e-04	2.326903e-04	1.677317e-03	-2.468373e-04
## SPNCRNA.884	-5.884454e-06	9.327531e-06	2.565081e-06	3.353804e-05
## SPATRNALYS.05	-1.045790e-05	2.322934e-04	-1.117808e-05	2.567893e-04
## SPAC16A10.05c	1.399941e-04	-9.318795e-05	4.650424e-04	1.364637e-04
## SPAC16A10.06c	-3.125289e-04	-4.945640e-05	5.358835e-04	-3.122132e-04
## SPAC16A10.07c	-1.629142e-03	-8.949135e-05	1.859753e-03	-1.026249e-03
## SPNCRNA.885	-2.517812e-05	-8.419556e-05	4.187337e-04	-2.779810e-06
## SPAC16A10.08c	-3.741929e-04	1.479813e-05	2.965301e-04	-3.266575e-04
## SPAC589.03c	-1.921547e-04	8.737149e-05	7.264366e-04	-1.500115e-04
## SPAC589.06c	-5.970837e-03	-5.881646e-03	5.730597e-03	6.780539e-03
## SPAC589.08c	-1.266949e-04	-3.339978e-05	1.846356e-04	-7.287529e-05
## SPAC589.11	-1.395012e-05	2.882567e-05	1.380386e-04	-2.837030e-04
## SPAC688.02c	-2.850616e-04	1.627771e-04	3.468561e-04	-3.777387e-04
## SPAC688.06c	-2.191362e-04	6.601779e-05	2.521893e-04	-1.022742e-04
## SPAC688.07c	-3.540161e-03	2.411996e-04	1.002391e-03	-1.805447e-03
## SPAC688.08	-1.722326e-03	6.276003e-04	2.167640e-03	-2.990492e-03
## SPAC688.09	-5.022136e-04	-1.780065e-04	6.793436e-04	7.574650e-04
## SPNCRNA.888	-7.777756e-05	-3.045545e-04	-9.268858e-05	-2.429056e-04
## SPNCRNA.889	-1.527981e-04	-9.627167e-06	2.223458e-04	1.495100e-04
## SPAC688.13	-1.339175e-03	6.381703e-04	-1.124079e-03	-4.382454e-04
## SPNCRNA.890	-2.410433e-05	7.752044e-05	7.099101e-05	-9.451253e-05
## SPAC688.14	1.939615e-04	-2.930485e-04	6.347757e-04	1.167312e-04
## SPAC688.16	1.359042e-04	-7.524783e-04	4.719474e-04	1.226888e-03
## SPNCRNA.891	6.981174e-05	-7.622514e-05	-4.222241e-05	1.995503e-05
## SPAC3G9.15c	-2.516848e-04	-4.802980e-04	4.161795e-05	-5.337319e-04
## SPNCRNA.216	-2.585352e-06	5.220866e-07	-6.546195e-07	4.569198e-06
## SPAC3G9.13c	-6.775495e-04	-5.069967e-04	8.541903e-04	-1.200271e-03
## SPNCRNA.217	3.447853e-06	-2.979180e-05	1.250715e-05	-1.345339e-05
## SPAC3G9.11c	-1.380378e-04	2.694780e-05	1.434909e-04	-6.236382e-05
## SPAC3G9.17	1.772116e-05	-6.939335e-05	1.917118e-04	2.163664e-05
## SPATRNATHR.04	-7.402418e-03	4.021476e-03	-2.709126e-03	-1.813372e-02
## SPNCRNA.218	1.628874e-04	-5.802293e-05	7.090324e-05	1.392010e-04
## SPNCRNA.892	-4.816976e-05	-6.365889e-05	9.753292e-05	1.502539e-04
## SPAC3G9.09c	-1.467934e-03	-1.375147e-02	-1.041604e-02	2.914874e-03
## SPAC3G9.07c	-1.374345e-03	2.569589e-04	1.212416e-03	-6.312786e-04
## SPAC3G9.06	-3.701932e-03	-6.442741e-03	-2.906809e-03	1.103659e-03
## SPAC3G9.03	2.115016e-02	-3.755393e-02	-3.182684e-02	9.020600e-03
## SPAC3G9.01	-8.386487e-05	1.882047e-04	8.983439e-05	-1.689803e-04
## SPAC1486.01	-9.978316e-03	4.011815e-03	1.117966e-02	3.822990e-03
## SPAC1486.05	-1.775075e-02	-2.738513e-03	2.702510e-02	-5.236643e-03
## SPNCRNA.894	-9.303720e-05	-1.741705e-05	1.783629e-04	-1.742036e-04
## SPAC1486.11	-1.887916e-04	1.698190e-04	5.579069e-04	-6.039918e-07
## SPAC1486.07c	-3.801067e-04	-4.730397e-04	5.045890e-04	-9.132780e-04
## SPAC1486.08	-1.751068e-04	-4.798566e-05	1.161512e-03	-1.930649e-04
## SPAC1486.10	-1.167169e-03	-1.788656e-03	2.247827e-03	-2.725798e-03

## SPAC6G10.02c	-4.008677e-03	9.615913e-05	7.381616e-03	-3.349745e-03
## SPAC6G10.03c	-2.481791e-03	1.308825e-04	1.543479e-03	2.250800e-03
## SPAC6G10.04c	-6.504069e-03	-2.248876e-03	1.877855e-03	6.624414e-03
## SPAC6G10.05c	-3.379567e-03	-1.787391e-03	5.810543e-03	-3.408574e-03
## SPNCRNA.896	-3.324734e-05	-3.000203e-04	9.313068e-05	-3.320181e-04
## SPAC6G10.07	-2.602167e-03	-1.451994e-03	2.734542e-03	-3.862461e-03
## SPAC6G10.08	-5.492884e-03	-2.943516e-04	4.591951e-03	-6.951601e-03
## SPAC6G10.09	-3.955415e-03	-4.514460e-03	3.310601e-04	-6.068393e-03
## SPAC6G10.10c	-3.809637e-04	-1.113962e-04	1.274648e-04	3.594473e-05
## SPAC6G9.02c	1.262495e-03	-3.482603e-03	4.193009e-03	-2.646710e-03
## SPAC6G9.03c	-1.781662e-04	-3.234480e-04	8.117394e-04	4.303200e-04
## SPAC6G9.09c	4.715944e-05	-2.114942e-02	-8.743123e-03	-3.713258e-03
## SPAC6G9.12	-2.739892e-03	-8.803881e-04	2.993633e-03	-1.533393e-03
## SPNCRNA.899	4.553959e-05	-4.768198e-05	9.814115e-06	7.759466e-05
## SPAC6G9.15c	-1.066368e-03	4.451281e-04	1.189527e-03	-2.409321e-03
## SPAPB1E7.01c	-1.954831e-04	-3.053598e-04	1.949094e-04	3.831598e-04
## SPAC652.01	-1.398748e-03	3.505063e-06	9.797703e-04	-4.202471e-04
## SPAPB1E7.03	5.869847e-04	4.749580e-05	1.001912e-03	2.324544e-04
## SPAPB1E7.04c	-2.122628e-03	1.098019e-03	3.743019e-03	-2.110352e-02
## SPAPB1E7.06c	9.244801e-05	-2.297437e-05	4.667479e-04	1.888954e-04
## SPNCRNA.900	1.700315e-05	-1.065807e-04	4.736460e-05	5.639385e-05
## SPAPB1E7.07	-1.880384e-02	-4.227867e-02	-2.457960e-02	-1.586663e-02
## SPNCRNA.901	2.228219e-06	4.903329e-05	9.365645e-07	-3.472818e-05
## SPSNORNA.43	-8.184433e-07	-5.307925e-07	3.539644e-06	4.498143e-06
## SPAPB1E7.10	-3.608271e-05	-1.335556e-05	2.807954e-04	-3.738545e-04
## SPAC2E1P5.01c	-1.710168e-03	-2.613868e-04	2.000547e-03	-2.892031e-03
## SPAC2E1P5.03	-3.035231e-04	-1.651751e-03	-6.653769e-05	-7.019332e-04
## SPAC2E1P5.05	1.064510e-03	-4.396731e-03	4.943764e-03	-4.415603e-04
## SPAC26A3.02	-1.964472e-03	9.694573e-04	3.228639e-03	-2.460219e-03
## SPAC26A3.05	-1.999739e-02	-1.921651e-02	1.773832e-02	4.771252e-03
## SPAC26A3.08	-9.672983e-04	-2.481890e-03	1.285641e-03	6.253485e-04
## SPAC26A3.09c	-1.363954e-03	1.110319e-04	2.471684e-03	-1.921390e-03
## SPAC26A3.10	-5.267605e-03	-1.746396e-04	7.918152e-03	-6.133695e-04
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	-1.674766e-03	-1.287986e-04	2.414822e-03	-2.582600e-03
## SPAC8E11.12	-3.405710e-05	-3.404850e-06	1.264310e-05	-6.574044e-08
## SPNCRNA.903	2.843189e-05	-9.821366e-05	9.749857e-05	-1.608123e-04
## SPAC8E11.08c	-1.058978e-04	-8.798407e-05	2.169898e-04	1.078958e-04
## SPAC8E11.06	4.491637e-05	4.224905e-05	3.036224e-05	-4.720142e-05
## SPAC8E11.04c	-1.122789e-03	-7.189261e-04	5.953004e-04	1.325988e-03
## SPNCRNA.904	-5.250394e-04	1.310188e-04	4.417091e-05	-1.656435e-04
## SPAC8E11.03c	-4.054462e-06	2.201948e-05	2.398722e-05	-2.564041e-06
## SPAC8E11.02c	-1.025566e-02	-4.898790e-03	5.179770e-03	-1.497595e-03
## SPAC959.02	-2.448649e-03	-7.687557e-04	2.475299e-03	5.057961e-04
## SPAC959.03c	-8.485154e-04	-1.904371e-03	1.446170e-03	-1.228828e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	1.682333e-04	-2.282665e-04	-4.883576e-05	1.092603e-04
## SPAC959.05c	-3.413690e-04	-1.224641e-04	1.320911e-03	-1.028165e-04
## SPAC959.07	-3.762432e-03	-3.182887e-02	-2.044789e-02	-1.848054e-02
## SPAC959.09c	-8.510981e-04	8.146538e-05	8.282118e-04	-4.834536e-04
## SPAP32A8.02	-4.000859e-03	1.927776e-03	-4.098019e-03	-1.584512e-04
## SPAP32A8.03c	-3.668410e-04	1.260801e-04	1.356859e-03	-2.060429e-04
## SPAC3H5.10	2.678685e-02	-4.070557e-02	-3.300233e-02	4.179560e-02
## SPAC3H5.08c	-1.622800e-03	4.568314e-04	1.169602e-03	-6.397153e-04

## SPAC3H5.06c	-9.065446e-04	3.674722e-04	3.919759e-03	-2.892998e-03
## SPAC3A11.13	-3.386434e-04	-2.106351e-05	4.871838e-04	-1.066333e-03
## SPAC3A11.12c	-7.301418e-03	-6.540031e-04	5.017283e-03	-4.391801e-04
## SPAC3A11.10c	-5.364643e-03	1.128316e-03	1.963985e-04	1.094654e-03
## SPAC3A11.09	-4.068688e-03	-2.153394e-04	3.573893e-04	9.580254e-04
## SPNCRNA.909	-2.519994e-04	6.099761e-05	-1.012811e-03	4.056922e-05
## SPNCRNA.910	-2.927250e-05	2.311130e-05	-1.052248e-04	7.719384e-05
## SPAC3A11.05c	-3.873470e-04	1.602021e-04	-9.646008e-05	-4.918150e-04
## SPAC3A11.04	-2.476130e-04	1.863696e-05	4.655026e-05	-5.975919e-05
## SPAC3A11.03	-1.186252e-04	-4.012547e-04	4.670563e-04	-5.282058e-04
## SPAC3A11.02	-2.858307e-03	2.051924e-04	1.658439e-03	-1.151235e-03
## SPAC328.04	-3.411605e-03	2.206612e-03	-4.472846e-03	-3.004052e-03
## SPAC328.05	-4.193456e-04	-4.647063e-04	6.233324e-04	1.938259e-04
## SPAC328.06	-5.025933e-03	-1.456412e-04	1.629597e-04	-4.437240e-03
## SPAC328.08c	-6.974710e-05	-1.084735e-04	2.176186e-04	2.269191e-04
## SPAC328.10c	-5.728697e-03	-2.369358e-02	-2.054954e-02	1.142097e-02
## SPNCRNA.222	-8.250190e-07	3.313230e-06	-1.112565e-05	-1.568594e-05
## SPAC16E8.02	-3.715620e-04	-8.435043e-05	4.216989e-04	8.395323e-05
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	-1.985711e-05	-4.047439e-05	-3.328457e-06	-7.116626e-05
## SPAC16E8.06c	2.854678e-03	-4.499904e-03	3.531710e-03	4.360325e-03
## SPAC16E8.07c	-7.686599e-03	-5.307162e-03	4.960909e-03	1.441968e-03
## SPAC16E8.09	-1.693422e-03	7.922741e-05	2.256896e-03	-1.402004e-03
## SPAC16E8.13	-5.100077e-04	4.308178e-04	-8.983887e-04	7.538309e-04
## SPAC16E8.15	2.488959e-03	-5.758825e-03	-1.964647e-03	-8.330882e-04
## SPAC16E8.18c	-3.846373e-04	-5.595543e-05	5.251471e-04	-5.809508e-05
## SPAC1B1.01	-6.025569e-04	-9.965034e-05	4.901535e-04	-4.413382e-04
## SPNCRNA.915	-3.039160e-05	3.414020e-05	1.421926e-05	-7.118775e-05
## SPAC17A2.01	-3.667075e-04	-4.315341e-04	-3.757184e-06	-7.511887e-04
## SPAC17A2.02c	-4.645459e-03	-5.909073e-03	-2.606686e-04	7.165543e-04
## SPAC17A2.04c	2.364862e-04	-8.352516e-04	1.088396e-03	2.177013e-03
## SPNCRNA.124	1.702933e-06	-1.421318e-06	-2.904360e-06	4.010828e-06
## SPATRNNATRP.01	-1.680434e-05	2.200860e-05	1.022863e-04	2.317859e-05
## SPAC17A2.05	-2.709967e-03	-8.035341e-04	5.395676e-03	9.978525e-04
## SPAC17A2.06c	-3.459987e-03	6.521220e-04	2.936386e-03	-2.319041e-03
## SPAC17A2.07c	-1.915985e-04	1.448356e-04	6.409675e-05	8.562246e-05
## SPAC17A2.08c	1.785278e-04	-5.297851e-05	4.055114e-04	1.405665e-04
## SPAC17A2.09c	-5.206879e-03	2.394720e-03	1.054028e-03	-4.230873e-03
## SPAC17A2.10c	-3.277388e-05	4.893075e-05	8.736621e-05	-1.843369e-04
## SPAC17A2.11	2.060329e-06	8.964399e-06	-1.170108e-05	-3.114647e-05
## SPNCRNA.920	-3.276230e-04	2.091381e-04	4.583919e-04	-1.067351e-04
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	-1.615127e-03	7.823957e-04	-7.930533e-04	-1.010589e-04
## SPATRNNALU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	-1.894222e-03	1.799253e-06	3.619177e-03	-2.995572e-04
## SPAC17G6.05c	-1.743251e-03	1.045957e-04	1.702514e-03	3.427117e-04
## SPAC17G6.06	3.099196e-02	-2.133244e-02	-1.504129e-02	2.140799e-02
## SPAC17G6.08	-7.013988e-04	4.669010e-04	7.533873e-04	-9.689358e-04
## SPAC17G6.10	-2.300274e-03	-3.878215e-04	2.748948e-03	5.136893e-04
## SPAC17G6.11c	-8.318933e-03	-1.485296e-03	6.436440e-03	1.343181e-03
## SPNCRNA.921	-8.498330e-06	1.430812e-05	-2.061356e-05	-7.964875e-06
## SPAC17G6.13	-1.000348e-02	2.030668e-03	1.555527e-02	1.571208e-02
## SPAC17G6.14c	-1.052503e-02	-8.300809e-03	2.686194e-03	2.309945e-03

## SPAC17G6.15c	-4.282219e-04	-4.452520e-04	9.205810e-04	-1.034292e-03
## SPAC17G6.16c	-3.236336e-03	-6.676364e-04	3.800360e-03	1.659419e-04
## SPAC17G6.17	-7.876247e-04	4.586907e-04	1.577144e-03	-5.477333e-04
## SPAC1142.01	-2.933778e-03	-1.903866e-04	2.512455e-03	1.408970e-05
## SPAC1142.02c	-4.096370e-03	-2.806789e-03	4.778441e-04	4.361316e-03
## SPAC1142.04	3.324478e-03	-6.657072e-03	1.714585e-03	1.157818e-03
## SPNCRNA.923	-3.682644e-05	3.917588e-05	3.489035e-05	-2.986293e-05
## SPAC1142.05	-6.142350e-04	-3.533711e-03	-8.065233e-04	-3.149711e-03
## SPAC1142.06	-3.760501e-03	-2.335513e-03	7.503096e-05	-1.483830e-03
## SPAC1142.07c	-6.685828e-04	7.490839e-05	1.391267e-03	4.600036e-04
## SPAC1142.08	-4.209556e-04	1.211848e-04	-2.837189e-04	-1.485332e-04
## SPAC1142.09	-7.619116e-06	-1.727438e-06	1.457776e-05	4.343140e-06
## SPNCRNA.925	-2.052944e-04	-2.240525e-04	1.549811e-04	6.189803e-05
## SPAC8C9.04	-5.142746e-03	1.138196e-03	3.082395e-03	-1.880197e-04
## SPAC8C9.07	1.493926e-03	-9.067333e-04	1.545746e-03	2.322278e-03
## SPAC8C9.08	-1.613650e-02	-3.123732e-02	-2.265877e-02	5.016436e-03
## SPAC8C9.09c	-9.846498e-04	3.413506e-04	5.380464e-04	-7.293361e-04
## SPAC8C9.11	-1.790888e-04	-1.906464e-04	1.268134e-04	-3.029058e-04
## SPNCRNA.228	-1.189350e-04	-2.144242e-04	2.600576e-04	-7.505458e-05
## SPAC8C9.19	-1.135962e-04	-6.273898e-05	1.517765e-04	-1.576765e-04
## SPAC8C9.12c	-8.095052e-04	-1.423023e-03	1.127266e-03	-2.950780e-03
## SPAC8C9.14	-5.954349e-03	-8.288299e-04	-9.046301e-04	-4.928521e-04
## SPAC8C9.15c	-5.080403e-04	-2.913654e-03	1.381731e-03	3.237644e-04
## SPNCRNA.926	-3.398779e-04	1.598775e-04	1.095539e-03	6.060239e-04
## SPAC15A10.17	-1.956228e-04	-3.268124e-05	1.025752e-04	2.115275e-04
## SPAC15A10.06	-1.731350e-03	-2.085931e-04	1.735891e-03	-5.611566e-04
## SPNCRNA.927	-2.736332e-05	-1.116000e-05	2.926564e-05	-7.043340e-06
## SPAC15A10.08	-2.069023e-03	-4.818477e-04	3.331481e-03	-7.852912e-05
## SPAC15A10.09c	-1.859029e-03	2.371829e-04	2.103049e-03	-1.380757e-03
## SPNCRNA.928	2.557618e-06	-5.437397e-05	5.333730e-06	4.263359e-06
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	-3.989797e-03	3.726010e-04	1.768616e-03	2.151772e-03
## SPAC15A10.11	-4.800759e-03	-1.630543e-04	5.542943e-03	-5.295088e-03
## SPAC15A10.12c	-3.516657e-04	-2.653623e-05	7.611012e-04	-9.471121e-05
## SPAC15A10.13	-1.316627e-03	1.477573e-04	1.698188e-03	-1.601526e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-3.097201e-04	1.631107e-04	2.061771e-04	-2.931486e-04
## SPAC15E1.03	-6.322173e-03	-3.074973e-02	-2.465946e-02	-2.564332e-03
## SPAC15E1.05c	-9.109049e-04	-5.788086e-04	1.033363e-03	2.580573e-04
## SPAC15E1.09	-3.947750e-04	2.299358e-04	6.108659e-04	-6.747382e-04
## SPAC15E1.10	-6.190639e-04	4.015006e-04	4.571124e-04	3.991934e-04
## SPNCRNA.932	-4.161846e-05	6.484277e-05	1.044390e-04	3.089514e-05
## SPAP7G5.02c	3.425654e-04	-2.554479e-02	-1.869583e-02	-1.364338e-02
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	-6.072264e-03	-1.117022e-02	-4.963608e-03	-4.869142e-04
## SPNCRNA.934	-2.109334e-04	-2.868961e-04	-4.480770e-04	-6.240430e-04
## SPNCRNA.935	-1.524703e-03	1.755458e-04	-4.689979e-04	4.835087e-04
## SPNCRNA.84	-4.973351e-06	1.825470e-06	-3.551740e-06	1.356216e-05
## SPNCRNA.230	1.789924e-06	5.440940e-06	-3.031348e-06	-1.295680e-05
## SPNCRNA.231	-8.846586e-07	1.147633e-05	1.393225e-05	-9.602755e-07
## SPNCRNA.232	4.601851e-06	7.772063e-08	-1.479048e-06	-4.376189e-06
## SPATRNAILE.03	-9.266395e-06	-2.320094e-05	6.021622e-05	-1.589307e-04
## SPNCRNA.233	-3.385910e-07	-5.191793e-08	-7.565647e-07	2.315532e-06
## SPATRNAGLU.04	-6.513878e-03	-8.708386e-04	-2.618762e-03	4.335899e-03

## SPATRNAALA.05	-1.223248e-04	1.062609e-04	3.541847e-04	4.713986e-04
## SPNCRNA.234	-7.125040e-06	1.978317e-06	3.735045e-06	1.535693e-05
## SPAC1556.01c	-1.304144e-03	-1.469098e-04	2.168929e-03	-9.369681e-04
## SPAC1556.03	-2.746266e-03	1.358888e-04	2.030547e-03	-4.743972e-04
## SPAC1556.04c	-1.441045e-05	1.250426e-04	3.067525e-04	4.194030e-04
## SPAC1556.05c	-1.035407e-04	-2.804544e-05	5.118790e-04	-4.525282e-05
## SPAC1F12.02c	1.015383e-01	-1.012403e-01	-9.742442e-02	5.543947e-02
## SPAC1F12.03c	-6.887583e-05	-8.666802e-05	3.475345e-04	-3.004545e-04
## SPAC1F12.04c	-5.625208e-04	-1.752122e-04	3.359285e-04	-9.388672e-04
## SPAC1F12.05	-1.685518e-03	-7.653024e-05	1.367809e-03	-1.451521e-03
## SPAC1F12.07	-3.823393e-03	-2.286473e-03	1.730030e-03	-3.175073e-03
## SPNCRNA.937	-2.319053e-04	2.824950e-05	3.886431e-04	-4.168835e-04
## SPAC4H3.01	3.703289e-04	-2.422940e-03	8.406981e-04	-3.031410e-04
## SPAC4H3.03c	-8.085980e-03	4.860487e-03	-8.007326e-04	5.335240e-03
## SPAC4H3.06	1.103301e-04	-4.008310e-04	1.583764e-04	-3.216480e-04
## SPAC4H3.09	-1.005021e-03	-2.192817e-04	4.960473e-05	-1.234022e-03
## SPNCRNA.941	-8.505580e-06	-1.200308e-05	-1.663099e-05	-2.106174e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	3.785750e-06	-4.541689e-06	2.148754e-05	-6.209433e-05
## SPNCRNA.942	-3.066607e-04	3.610237e-05	7.965974e-05	1.595411e-03
## SPAC4H3.12c	-7.383375e-05	1.351434e-05	-4.934054e-06	-9.163435e-05
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	-2.227260e-03	-1.090241e-03	3.768639e-03	2.997207e-04
## SPAC1071.02	-2.964736e-03	-9.643354e-04	4.300852e-03	9.807602e-05
## SPAC1071.03c	-1.974250e-04	-7.642948e-04	1.407319e-03	3.816498e-04
## SPNCRNA.237	5.056105e-06	2.334918e-05	1.471534e-05	-5.413955e-05
## SPNCRNA.943	-2.636399e-05	-3.258694e-05	1.573927e-05	-1.245021e-04
## SPAC1071.05	-2.147571e-03	-1.529365e-03	2.856965e-03	-1.795853e-03
## SPAC1071.06	-9.225100e-04	-4.103933e-04	1.335031e-03	-5.015914e-04
## SPAC1071.08	-1.285280e-03	-7.884372e-03	-4.296093e-03	-5.560098e-03
## SPAC1071.10c	-2.092169e-02	-4.287136e-02	7.029521e-03	-1.112503e-01
## SPNCRNA.93	-6.889587e-06	4.479969e-07	-1.966327e-05	-1.070116e-05
## SPAC1071.13	-2.508242e-04	8.099445e-05	1.543653e-04	-6.207412e-04
## SPNCRNA.945	-6.912210e-05	-3.618672e-05	-5.952495e-05	-3.175434e-05
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	4.304076e-06	-7.612194e-04	-6.007976e-04	-8.491120e-04
## SPAC926.02	-5.298363e-04	-1.142722e-04	1.199122e-03	-2.715510e-04
## SPNCRNA.946	-1.537385e-04	-6.420684e-04	4.631407e-05	-2.217953e-04
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	-4.705927e-04	1.071674e-04	4.074722e-04	-7.826572e-04
## SPAC926.04c	-1.461016e-01	-1.471106e-01	1.117758e-01	1.487754e-01
## SPRRNA.18	-1.100375e-02	-2.613126e-03	1.168943e-02	-8.788963e-03
## SPAC926.05c	-2.597090e-04	-1.680288e-04	9.389946e-04	8.399340e-05
## SPAC926.09c	-5.599182e-02	-6.578495e-02	-4.371633e-02	-9.190224e-03
## SPAC323.01c	-7.009776e-04	-5.580835e-04	8.399368e-04	-1.111787e-03
## SPNCRNA.948	-3.132923e-05	-3.017661e-05	8.324137e-05	6.847460e-05
## SPAC323.06c	-3.189128e-04	1.234251e-04	7.958622e-04	-4.873941e-04
## SPAC323.07c	-3.062622e-03	-4.194263e-04	3.650411e-03	-4.192281e-04
## SPAC2F3.02	-1.381031e-03	-6.893359e-04	1.799836e-03	-2.998024e-04
## SPAC2F3.03c	5.636966e-04	-4.270059e-03	1.817451e-03	-1.508487e-03
## SPAC2F3.04c	-6.043106e-04	-9.378530e-04	8.985919e-04	4.000286e-04
## SPAC2F3.05c	-7.585188e-03	3.911674e-03	-3.442938e-03	1.961503e-03
## SPAC2F3.06c	-5.156544e-03	-4.859510e-03	6.682189e-03	-1.551337e-03
## SPAC2F3.08	-2.712116e-03	9.452796e-04	-4.064125e-03	-8.972479e-04

## SPNCRNA.949	-1.496799e-04	-5.146360e-04	1.959561e-04	-2.541730e-04
## SPNCRNA.950	-1.033172e-05	-3.473163e-06	2.477388e-07	9.277581e-07
## SPAC2F3.18c	2.495185e-04	-7.072068e-04	1.564623e-03	1.812349e-04
## SPAC2F3.11	4.051388e-05	-3.296125e-04	6.928819e-04	1.636610e-03
## SPNCRNA.240	-2.514338e-05	6.650326e-08	-1.392849e-05	-7.806992e-06
## SPAC11G7.01	-4.097091e-03	1.178601e-04	1.773919e-03	-1.614963e-03
## SPAC11G7.02	-4.413316e-03	-1.927094e-03	2.099410e-03	-1.665078e-03
## SPAC11G7.03	-6.339439e-03	8.410166e-04	8.380034e-03	5.872376e-03
## SPAC11G7.04	-3.843041e-03	-6.595365e-03	-4.053000e-03	-4.279478e-03
## SPAPB18E9.01	1.305294e-04	-7.414382e-04	7.428599e-04	-1.220156e-03
## SPAPB18E9.05c	-6.739164e-04	6.823396e-04	1.625475e-03	-9.875391e-04
## SPAPB15E9.01c	-9.222144e-03	9.147930e-03	1.066444e-02	-2.769903e-02
## SPAPB15E9.02c	-1.896986e-04	-1.994304e-04	-1.761912e-05	-9.620019e-04
## SPAC27E2.02	-4.987090e-04	5.791205e-06	1.030091e-03	-1.094658e-03
## SPNCRNA.53	-1.074728e-06	-2.274201e-07	1.083105e-06	2.333761e-06
## SPAC27E2.14	1.184541e-04	-1.574066e-04	2.150712e-04	-1.939131e-04
## SPAC27E2.05	-1.150413e-03	-4.539237e-04	1.031824e-03	-9.828145e-04
## SPAC27E2.09	-2.575535e-03	1.205176e-05	4.303905e-03	-3.297605e-03
## SPAC27E2.10c	-3.481651e-04	-7.376274e-04	9.609854e-04	-3.993960e-04
## SPAPJ698.03c	-3.715582e-03	-8.843412e-04	5.215765e-03	-2.079670e-03
## SPAC19G12.02c	-1.085797e-03	-3.240018e-04	9.316312e-04	-5.594562e-04
## SPAC19G12.04	-3.044884e-04	-5.435547e-05	2.915129e-04	-4.488032e-05
## SPAC19G12.06c	-5.000600e-03	-1.444630e-03	-1.702084e-02	-1.476946e-02
## SPAC19G12.07c	-8.805889e-04	-2.342724e-04	1.408783e-03	-1.513202e-03
## SPAC19G12.08	-1.404396e-03	-1.029561e-04	1.908925e-03	-2.180827e-03
## SPATRNALEU.04	-2.248210e-02	1.525641e-02	1.623859e-02	7.262051e-03
## SPAC19G12.09	-1.119008e-02	7.012710e-03	1.251517e-04	4.314780e-03
## SPAC19G12.13c	-4.870294e-04	-2.145741e-04	1.607217e-03	3.707528e-04
## SPAC19G12.14	-1.334541e-03	4.578739e-04	1.177680e-03	-1.192142e-03
## SPAC23A1.07	-5.429510e-04	-2.444468e-04	7.584587e-04	-9.708780e-04
## SPAC23A1.08c	-1.781770e-02	-3.504569e-02	-3.285192e-02	3.971688e-03
## SPAC23A1.10	-3.834666e-02	-5.847028e-02	-3.558511e-02	-5.141984e-02
## SPAC23A1.15c	-1.307959e-03	6.416556e-04	-1.901929e-04	-1.105480e-05
## SPAC23A1.16c	-2.045498e-04	9.785762e-05	1.246632e-05	9.522351e-05
## SPNCRNA.341	-1.767594e-06	1.261584e-07	-3.947546e-06	1.293472e-05
## SPAC26H5.04	-4.061596e-03	2.080382e-03	-2.255916e-03	-2.682626e-03
## SPNCRNA.961	2.625974e-05	-3.770347e-05	9.371969e-05	6.008412e-05
## SPAC26H5.07c	-6.429406e-03	-3.220316e-03	6.172513e-03	-1.736864e-03
## SPAC26H5.08c	-8.401130e-03	2.417126e-03	2.515181e-03	1.009737e-03
## SPNCRNA.962	8.462341e-07	9.679574e-07	-3.121578e-07	-3.755088e-06
## SPNCRNA.306	-2.597376e-06	2.149351e-06	-3.203424e-06	-2.325750e-06
## SPAC26H5.09c	-9.549913e-03	-6.274490e-05	4.496278e-03	3.361987e-03
## SPAC26H5.10c	-4.587224e-03	-4.252245e-02	-7.753229e-02	-5.007991e-02
## SPNCRNA.964	-9.609961e-05	-8.923860e-05	1.807166e-05	1.001980e-05
## SPNCRNA.965	-5.795937e-06	-2.375141e-05	1.314618e-04	-1.221994e-04
## SPNCRNA.242	5.882896e-02	-2.757822e-02	-3.492653e-02	1.116639e-01
## SPSNORNA.13	2.383142e-02	-4.118860e-02	-5.784955e-02	6.599975e-02
## SPAC25B8.02	-1.355398e-04	-3.698501e-05	3.678182e-04	2.999829e-05
## SPAC25B8.03	-2.286345e-03	6.106364e-04	4.858009e-03	1.260734e-03
## SPAC25B8.04c	-4.483556e-04	1.966132e-04	1.518941e-04	1.002610e-04
## SPAC25B8.05	-2.896930e-04	-5.187955e-04	9.580822e-04	-5.558234e-04
## SPAC25B8.07c	-1.232581e-03	-2.857376e-04	1.962204e-03	1.089119e-04
## SPAC25B8.20	-9.377000e-05	5.401966e-05	2.326368e-05	6.527864e-07
## SPNCRNA.967	-1.014527e-04	3.259045e-05	1.663246e-04	-1.297998e-05

## SPAC25B8.10	-2.223942e-03	-3.010322e-04	3.572856e-03	1.158467e-03
## SPAC25B8.11	-4.662629e-03	-9.952673e-05	4.589428e-03	1.396898e-03
## SPNCRNA.968	-4.897375e-04	-8.099116e-06	-5.328784e-04	-6.041911e-04
## SPAC25B8.13c	-6.679500e-03	2.948506e-03	-7.312504e-03	-4.830736e-03
## SPRRNA.19	-4.460406e-04	2.957498e-04	3.176654e-04	-1.451544e-04
## SPAC25B8.14	-4.199517e-04	1.413263e-04	1.060347e-03	-3.151431e-04
## SPAC25B8.15c	6.976949e-05	-1.575276e-04	6.470430e-04	1.028810e-04
## SPAC25B8.16	-9.283958e-04	-8.703465e-05	5.583990e-04	-7.499337e-04
## SPNCRNA.970	-3.964778e-05	1.109866e-04	1.345169e-04	-5.072083e-04
## SPNCRNA.971	-1.220371e-04	-1.108376e-04	1.784177e-04	-1.752625e-05
## SPAC694.03	-3.419257e-04	1.293253e-04	9.287203e-04	-4.027845e-04
## SPAC694.04c	2.311118e-05	-2.145294e-03	-2.176518e-03	1.330039e-04
## SPNCRNA.972	-3.373975e-04	1.522635e-04	3.415393e-04	-6.340140e-05
## SPAC1F7.02c	2.564664e-03	-6.615204e-03	3.101638e-03	-2.611020e-03
## SPAC1F7.03	-7.345178e-03	1.705943e-03	1.579646e-03	-3.043937e-03
## SPAC1F7.06	-1.069962e-05	1.616001e-05	3.653775e-05	3.002897e-05
## SPAC1F7.07c	4.647943e-04	-3.764947e-03	-1.730518e-03	-4.509299e-03
## SPSNORNA.14	7.421236e-07	-1.440946e-07	-1.832902e-06	3.121408e-06
## SPRRNA.20	-1.006207e-02	1.875118e-03	8.151441e-03	-1.680602e-02
## SPAC1F7.10	-4.475185e-04	-7.915786e-04	8.206293e-04	4.215355e-04
## SPAC1F7.11c	-1.547648e-03	-4.624916e-04	7.212887e-04	-1.903434e-03
## SPAC1F7.12	-6.344605e-03	2.257447e-03	1.298544e-02	6.534205e-03
## SPAC21E11.03c	-1.268392e-03	4.102255e-04	-4.608970e-03	8.918479e-04
## SPAC21E11.05c	-6.860378e-04	1.477896e-04	7.744421e-04	-1.164264e-03
## SPAC21E11.08	-1.291840e-03	-7.826659e-04	1.226207e-03	-1.046683e-03
## SPATRNASER.03	-7.735944e-05	-1.834498e-04	-5.033871e-04	2.907412e-03
## SPATRNAMET.03	-1.983499e-04	-1.804816e-04	3.619185e-04	3.447452e-05
## SPAC2C4.05	-2.827719e-03	-1.561552e-03	3.038263e-03	1.284683e-04
## SPAC2C4.06c	-4.841426e-05	-7.696235e-04	1.349713e-03	-3.979243e-04
## SPAC2C4.08	-1.727668e-04	-3.417840e-05	1.644268e-04	-1.773072e-04
## SPAC2C4.11c	1.265048e-03	-2.750443e-03	1.727246e-03	2.615680e-04
## SPAC2C4.12c	-7.621985e-04	-5.842727e-04	1.405011e-03	-9.637025e-04
## SPAC2C4.14c	-1.368218e-03	-8.211732e-04	3.468781e-03	1.510606e-03
## SPAC2C4.15c	-2.356377e-03	7.034060e-04	-1.530293e-04	-1.006485e-03
## SPAC2C4.16c	-4.704611e-03	-6.903104e-02	-6.173951e-02	5.334160e-02
## SPNCRNA.974	1.147967e-04	-1.350517e-04	-6.605482e-04	7.604203e-04
## SPNCRNA.975	-5.909089e-05	-3.841688e-05	-6.643624e-05	4.766857e-05
## SPNCRNA.976	-8.013789e-05	1.094362e-05	-1.471082e-04	-7.336657e-05
## SPAC25G10.01	-1.902655e-03	-6.703576e-04	1.339364e-03	-3.187248e-04
## SPAC25G10.05c	-3.367620e-03	-1.047059e-02	3.640466e-04	-4.133082e-03
## SPAC25G10.06	1.182932e-02	-1.707216e-02	-1.491211e-02	6.716377e-03
## SPAC25G10.07c	-1.130063e-03	3.911104e-04	4.339338e-04	-1.185558e-03
## SPAC25G10.09c	-2.903627e-03	2.166738e-03	5.495356e-03	-1.677843e-03
## SPAC27F1.02c	-2.037850e-03	-1.905309e-03	4.438028e-03	3.725020e-03
## SPAC27F1.03c	-4.404018e-04	-1.085239e-04	9.744709e-04	-1.556437e-04
## SPAC27F1.04c	-2.860927e-04	2.806269e-04	8.274598e-04	2.864737e-04
## SPAC27F1.07	-6.730227e-03	-2.590761e-03	6.364717e-03	-1.794972e-03
## SPAC27F1.08	-2.089341e-03	-2.198699e-04	-1.304787e-04	-1.303122e-03
## SPAC27F1.09c	-6.080811e-03	4.162205e-05	1.522523e-03	-1.530173e-03
## SPAC23D3.01	-8.996120e-04	-2.477333e-04	7.505226e-04	-1.773699e-03
## SPAC23D3.02	-9.553667e-04	-3.728277e-04	1.619012e-03	-1.643212e-04
## SPAC23D3.03c	-3.183067e-03	-8.326968e-04	5.728054e-03	-6.330768e-04
## SPNCRNA.979	-8.616630e-04	-5.813682e-04	6.249142e-04	-3.585946e-04
## SPAC23D3.08	-6.361827e-04	-1.240033e-03	1.452754e-03	-2.948035e-04

## SPAC23D3.11	-2.521378e-03	2.330422e-03	1.481283e-03	-6.527552e-04
## SPNCRNA.980	7.916824e-05	-9.373174e-05	-2.619888e-05	-8.265349e-05
## SPAC23D3.17	-1.321859e-04	7.332851e-05	5.069696e-04	-2.907597e-04
## SPNCRNA.981	-7.218103e-05	-4.688534e-05	7.155175e-05	-1.027041e-04
## SPAC30.01c	-1.708803e-03	-5.217776e-04	8.203494e-03	-2.328055e-03
## SPAC30.02c	-1.837502e-05	-1.438329e-04	7.440914e-04	-9.207232e-04
## SPAC30.04c	-4.856243e-03	-8.440550e-04	6.679057e-03	-6.035218e-03
## SPAC29E6.01	-1.846621e-03	1.864700e-04	6.616694e-04	-1.275741e-03
## SPAC29E6.03c	-2.026821e-03	8.141759e-05	3.814158e-03	-1.893575e-03
## SPAC29E6.05c	-5.721441e-04	2.632825e-04	1.034941e-03	3.836095e-04
## SPAC29E6.04	-2.940192e-04	7.863406e-05	1.011100e-03	-5.214515e-04
## SPAC29E6.07	-6.065967e-05	2.924790e-05	1.188435e-05	3.174774e-06
## SPAC29E6.08	-2.668697e-03	-3.697208e-03	-1.592136e-02	-3.421032e-04
## SPAC16.01	-8.051906e-04	3.890519e-04	3.584606e-04	-1.161847e-03
## SPNCRNA.986	3.060921e-05	-7.227776e-05	3.503891e-05	8.239099e-05
## SPAC16.03c	-1.235376e-03	-1.015648e-03	7.993839e-04	-5.204023e-05
## SPAC16.05c	-1.092175e-03	-3.640966e-03	-1.775701e-03	-3.010942e-03
## SPAC9E9.01	-1.098888e-05	3.991820e-06	-2.720505e-06	-6.643936e-05
## SPAC9E9.17c	-5.325843e-06	-6.429255e-06	-1.293438e-05	4.102665e-06
## SPNCRNA.987	-1.785956e-05	-2.365043e-06	-4.271281e-05	1.119459e-05
## SPNCRNA.12	-3.600525e-06	2.658731e-06	-6.695145e-06	-4.427940e-06
## SPAC9E9.03	-2.062457e-02	-2.156473e-02	1.236179e-02	-1.099118e-02
## SPAC9E9.04	-2.916587e-03	2.210266e-03	-3.752048e-04	4.538752e-04
## SPAC9E9.09c	-5.342820e-02	-3.170376e-04	-7.073001e-02	-5.163828e-02
## SPNCRNA.989	-6.318045e-05	6.026910e-05	-3.079695e-04	-1.431788e-04
## SPAC9E9.15	-1.254863e-03	8.586741e-04	-1.381405e-03	4.057912e-04
## SPNCRNA.311	5.757102e-06	-1.889763e-05	-1.785139e-05	-8.146452e-06
## SPNCRNA.991	-5.476323e-05	-4.657637e-05	6.815029e-05	1.601849e-05
## SPAC17C9.14	2.200226e-05	1.686491e-04	-1.082613e-04	-7.770720e-05
## SPAC17C9.10	-1.279455e-03	-1.799210e-04	1.727143e-03	7.066742e-05
## SPAC17C9.07	-9.944772e-04	-3.738002e-04	2.988206e-04	-5.597421e-04
## SPAC17C9.05c	-5.727015e-04	5.287737e-05	2.239228e-04	-1.091315e-04
## SPAC17C9.01c	-6.553164e-04	-5.429010e-04	8.675372e-04	-3.765608e-04
## SPAC1851.04c	-1.211931e-03	4.609780e-05	1.850575e-03	-7.487341e-04
## SPAC27D7.02c	-5.785716e-04	3.986398e-04	7.890695e-04	-7.171977e-04
## SPNCRNA.993	-8.750819e-06	-1.492718e-05	-2.223981e-05	3.740809e-05
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-1.585402e-03	-2.568192e-03	1.259702e-03	1.444877e-03
## SPNCRNA.995	-2.520360e-04	2.177276e-04	-1.276274e-04	-1.707015e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	-1.490358e-04	7.718618e-06	-3.378394e-04	1.814186e-04
## SPAC637.03	-1.116167e-02	6.097950e-03	-1.283259e-02	1.518643e-03
## SPAC637.04	-2.090326e-03	5.774912e-04	2.163012e-03	4.301231e-04
## SPAC637.05c	-5.244252e-03	-3.887888e-03	3.150403e-03	-4.692738e-03
## SPAC637.06	3.256380e-03	3.549644e-04	-2.689076e-03	-2.250051e-03
## SPAC637.09	7.197271e-04	-3.658390e-03	1.995846e-03	1.597545e-03
## SPNCRNA.999	-2.475902e-05	2.547219e-05	2.427601e-05	2.323750e-05
## SPAC637.11	-8.631694e-04	2.658136e-04	9.482804e-04	-1.179273e-03
## SPAC637.12c	-1.329904e-03	2.227495e-04	1.284411e-03	-1.162465e-03
## SPNCRNA.1000	2.741784e-05	7.481095e-05	-2.227485e-05	7.596152e-05
## SPAC637.13c	-1.594859e-03	1.150459e-03	3.855865e-05	-9.652024e-04
## SPNCRNA.249	1.340280e-05	-2.840867e-05	5.052264e-05	-1.000401e-04
## SPAC31F12.01	-1.790722e-03	3.466637e-04	3.467021e-03	-6.854629e-04

## SPAC12B10.02c	-1.215593e-03	-6.271475e-04	1.072377e-03	-1.214486e-03
## SPAC12B10.03	-1.703009e-03	3.630167e-04	9.043371e-04	-1.879400e-03
## SPNCRNA.1001	3.627941e-05	5.863204e-05	4.464401e-05	-1.374218e-04
## SPAC12B10.04	8.936092e-04	-9.750835e-04	1.228558e-03	3.592670e-04
## SPAC12B10.07	-2.280645e-03	5.952733e-06	3.084780e-03	2.174215e-03
## SPAC12B10.08c	-2.486201e-04	-4.270259e-05	4.375190e-04	-1.876779e-04
## SPAC12B10.09	-5.215254e-04	-1.522239e-04	7.347275e-04	3.815580e-04
## SPAC12B10.10	-5.039555e-04	7.345649e-05	5.597855e-04	-7.494506e-04
## SPNCRNA.1003	-1.923214e-04	-4.675021e-05	5.114556e-05	3.716115e-05
## SPAC12B10.15c	8.865966e-05	2.090785e-04	2.413247e-04	-6.070423e-05
## SPNCRNA.1004	-1.996793e-06	-1.900747e-04	-3.645091e-04	2.418684e-04
## SPAC1093.07	1.426533e-04	-1.330436e-04	-1.136743e-04	3.659635e-04
## SPAC1093.01	-8.386807e-03	4.675172e-04	6.919089e-04	-4.833499e-03
## SPAC1093.02	-2.476379e-03	-8.293859e-04	5.596059e-03	3.033562e-03
## SPAC1093.03	-1.209860e-03	7.326476e-05	1.997502e-03	-1.121927e-03
## SPAC1093.04c	-4.559872e-04	-4.592177e-04	2.378362e-03	-8.009392e-04
## SPAC1093.06c	-2.285874e-03	8.099610e-05	2.435026e-03	-4.153548e-03
## SPNCRNA.1006	1.242177e-05	-3.086959e-05	1.190446e-04	1.664832e-04
## SPAC30C2.02	8.272440e-04	-2.292624e-03	-6.783845e-04	-3.121734e-03
## SPAC30C2.04	-3.422116e-03	-7.191392e-03	-6.573625e-03	-1.954690e-03
## SPAC30C2.05	-4.729542e-04	-3.739173e-04	3.212675e-04	-8.693735e-05
## SPAC30C2.07	-2.929754e-03	-1.530596e-03	2.672913e-03	-2.818905e-03
## SPNCRNA.1008	1.796377e-04	-1.780049e-04	-2.558959e-04	2.414802e-04
## SPAC1635.01	-1.459825e-02	-3.258885e-03	4.373044e-03	5.640634e-03
## SPNCRNA.1009	-5.533543e-05	3.637292e-05	4.773329e-05	3.521638e-05
## SPAC144.02	-8.905811e-04	-4.860825e-05	1.350916e-03	-2.412015e-04
## SPAC144.03	-1.244227e-02	-8.233442e-03	-8.742932e-04	2.165952e-03
## SPAC144.04c	-1.227098e-02	-1.315302e-03	1.635952e-03	3.066062e-03
## SPAC144.05	-1.617821e-03	6.528422e-04	1.157237e-03	-1.517028e-03
## SPAC144.10c	-4.120029e-03	4.062546e-04	3.873570e-03	2.397911e-03
## SPNCRNA.1013	2.142684e-05	1.526587e-05	-9.494340e-06	-4.619879e-05
## SPNCRNA.1014	-1.206099e-04	-4.538397e-05	2.477692e-04	4.927092e-06
## SPAC144.12	-8.393634e-04	-7.351485e-03	-1.883541e-03	-5.034730e-03
## SPAC144.13c	-7.759979e-04	2.757712e-05	4.899502e-04	-1.170068e-03
## SPAC144.16	-6.529841e-04	-2.841699e-04	5.820251e-04	-4.242939e-04
## SPNCRNA.1016	-2.897404e-05	4.673470e-05	1.246493e-04	2.268551e-04
## SPNCRNA.1017	-6.107303e-06	5.906385e-07	-2.236864e-06	-2.241587e-05
## SPAC1834.03c	-3.254575e-03	-4.183013e-03	-2.301203e-02	-2.896791e-02
## SPAC1834.04	2.344552e-04	-6.545469e-03	-2.440112e-02	-2.612394e-02
## SPAC1834.05	-2.410937e-03	-1.384916e-03	3.592235e-03	-2.295459e-03
## SPAC1834.08	-3.609529e-03	3.470818e-03	1.767597e-03	-4.825271e-03
## SPATRNATHR.05	-7.690859e-04	1.023986e-03	1.468401e-03	-1.297373e-03
## SPAC1834.10c	-7.484738e-04	5.716305e-05	1.528651e-03	-8.136755e-04
## SPAC1834.13	9.440891e-06	-2.504635e-05	-2.601104e-05	4.424552e-05
## SPAC17D4.01	7.521004e-04	-6.415113e-03	-1.134586e-02	-9.477091e-03
## SPAC17D4.02	-3.249718e-04	-8.214522e-04	1.630469e-03	-1.169379e-03
## SPAC17D4.04	-1.328712e-03	-1.447648e-03	7.524126e-04	-2.330339e-03
## SPAC458.02c	-3.992602e-03	-3.538940e-03	7.278474e-04	-3.250723e-05
## SPNCRNA.1019	-2.135730e-04	5.610439e-05	-9.412634e-05	-6.206967e-05
## SPAC458.03	-2.284956e-03	9.164263e-04	-5.462267e-04	-2.336719e-03
## SPNCRNA.1020	-3.352217e-05	9.579175e-06	1.133068e-04	1.947539e-04
## SPAC458.07	-1.320846e-03	5.051005e-04	9.123081e-04	-5.834187e-04
## SPAPYUG7.02c	-2.229375e-03	3.047499e-05	1.633824e-03	-2.279278e-03
## SPNCRNA.1022	7.766222e-06	-1.068916e-05	2.497119e-05	1.273551e-04

## SPAC1782.01	-3.549204e-03	1.821539e-03	6.377471e-03	-1.961196e-04
## SPAC1782.03	-2.778053e-04	1.597416e-04	1.107298e-04	-6.843963e-04
## SPAC1782.06c	-3.512136e-03	6.058695e-05	3.526633e-03	9.516625e-04
## SPNCRNA.1023	-1.298123e-04	-2.249813e-04	-2.205249e-04	7.772132e-05
## SPAC1782.09c	-4.511404e-04	6.305654e-06	4.097410e-04	-2.320841e-04
## SPAC1782.10c	2.953664e-03	-3.683717e-03	1.257430e-03	4.620955e-03
## SPAC1782.11	-1.366463e-05	-4.730616e-03	-6.087915e-03	-1.482991e-03
## SPAC11H11.02c	3.351799e-06	-2.821320e-04	1.006422e-03	1.105367e-03
## SPAC11H11.01	-2.419306e-04	3.158323e-04	4.880442e-05	-1.655713e-04
## SPAC11H11.03c	-4.868601e-05	-2.980394e-05	9.404153e-04	3.670192e-04
## SPAC11H11.04	-8.901353e-05	-2.791880e-05	7.079239e-05	4.509133e-05
## SPAC11H11.06	-1.083095e-02	8.535476e-04	1.005756e-02	1.156806e-02
## SPAC22F8.03c	-4.942487e-07	-3.915410e-06	-1.116628e-05	1.232842e-05
## SPAC22F8.07c	-1.066673e-04	-2.038257e-04	2.651464e-04	-7.138307e-04
## SPAC22F8.08	-7.284513e-03	-5.104199e-03	6.172096e-03	-2.443487e-03
## SPAC22F8.11	-2.997240e-03	1.050005e-03	5.903742e-03	-1.141540e-04
## SPAC22F8.12c	-5.010928e-04	-9.825616e-05	-2.412261e-04	1.342752e-04
## SPAC20G4.02c	-1.339699e-03	8.263895e-04	6.557161e-05	-1.001462e-03
## SPAC20G4.03c	-3.912436e-03	1.613319e-03	2.062335e-03	2.068553e-03
## SPAC20G4.04c	-6.183328e-04	-6.404093e-06	1.116166e-03	-4.807395e-04
## SPNCRNA.1027	-1.362605e-04	-2.481799e-04	1.724526e-04	-7.852608e-05
## SPAC20G4.09	2.916536e-05	-3.100305e-05	-3.128220e-05	2.969683e-05
## SPAC20G4.07c	-4.052125e-03	-1.459795e-03	1.324270e-03	-1.919232e-04
## SPAC4F10.03c	-1.272035e-03	-4.212169e-04	9.684112e-04	-1.629966e-03
## SPAC4F10.04	-4.430793e-04	-5.481567e-04	1.969481e-04	9.780138e-04
## SPNCRNA.1028	2.791599e-05	-1.282114e-04	-1.847431e-05	-6.589320e-05
## SPAC4F10.08	-2.189629e-04	2.258968e-04	-1.821848e-04	-4.789223e-04
## SPAC4F10.12	-6.338195e-04	2.332446e-04	1.683490e-03	2.978731e-04
## SPAC4F10.13c	-1.002948e-02	1.804925e-03	6.208577e-03	-4.099141e-03
## SPNCRNA.1030	-6.599434e-05	-1.286009e-05	-4.175605e-05	8.639373e-05
## SPAC4F10.15c	-2.468904e-04	2.250271e-04	6.869302e-04	-1.795434e-04
## SPAC4F10.16c	-7.913702e-04	1.009967e-03	2.351602e-03	-3.445023e-03
## SPAC4F10.18	-2.800727e-03	-4.976673e-05	2.360602e-03	-4.142543e-04
## SPAC4F10.19c	-1.800857e-04	1.017126e-04	1.854221e-04	2.593901e-05
## SPAC19B12.01	2.964679e-03	-6.741744e-03	1.358426e-03	-5.514097e-04
## SPNCRNA.255	1.820741e-05	3.206335e-06	1.770614e-05	1.897039e-06
## SPAC19B12.03	-9.991644e-03	-1.227149e-03	1.988138e-02	-4.565448e-03
## SPNCRNA.1034	1.130068e-04	-8.948696e-05	-2.292399e-04	-3.409280e-04
## SPAC19B12.04	9.039506e-04	-6.941730e-03	-5.852884e-04	-3.815183e-03
## SPAC19B12.07c	-8.115087e-04	3.770964e-04	1.639019e-03	3.128353e-05
## SPAC19B12.10	-4.495108e-04	1.175692e-04	2.297285e-05	-2.386049e-04
## SPAC19B12.12c	-3.181883e-05	-1.074113e-04	3.697134e-04	-2.427296e-04
## SPAC19B12.13	-2.306621e-04	-1.363539e-04	4.487567e-04	-3.402157e-04
## SPNCRNA.1035	-6.130004e-06	-2.700340e-06	-1.521422e-04	2.003416e-05
## SPAPB8E5.04c	-1.307855e-03	1.311108e-03	2.500209e-03	-6.833077e-04
## SPAPB8E5.06c	-5.617689e-03	-1.734486e-02	-1.015628e-02	-7.419498e-03
## SPAC1B3.01c	-8.000536e-04	1.848768e-04	4.620025e-03	-2.462289e-03
## SPAC1B3.02c	-3.089540e-04	-4.479181e-04	6.173743e-04	-2.333825e-03
## SPNCRNA.1036	-2.437501e-05	5.252725e-05	7.814299e-06	-2.375184e-04
## SPAC1B3.03c	-1.261058e-02	-1.458238e-02	1.996560e-02	3.275568e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	-9.731060e-06	1.466204e-05	3.834156e-05	9.422680e-05
## SPNCRNA.1038	-1.332756e-02	-3.559940e-03	-5.719565e-03	6.659550e-03
## SPAC1B3.07c	-6.235052e-04	-4.410333e-05	1.110501e-03	-2.951139e-04

## SPAC1B3.08	-3.489909e-03	5.663712e-04	-1.346300e-03	8.919754e-04
## SPAC1B3.10c	-4.902270e-04	3.862360e-05	2.252243e-04	-7.135728e-05
## SPAC1B3.11c	-3.715739e-04	7.072875e-05	6.933822e-05	-3.812354e-04
## SPAC1B3.20	-6.709913e-04	4.820389e-04	4.866393e-04	5.286341e-04
## SPAC1B3.13	-1.253132e-04	-6.499599e-03	2.633716e-03	-7.905669e-04
## SPAC1B3.15c	-3.498509e-04	2.608936e-05	1.326487e-04	-5.602894e-05
## SPAC1B3.16c	-9.931757e-03	-3.143477e-02	-1.720514e-02	-2.041551e-02
## SPNCRNA.1039	-2.977763e-05	-3.481389e-05	1.776999e-05	-4.094026e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	-1.334439e-03	-3.931478e-04	1.379676e-03	-8.965644e-04
## SPAC1952.05	-1.646150e-03	1.573540e-04	2.649058e-03	-2.427538e-03
## SPAC1952.06c	-9.126850e-04	-7.845429e-04	1.982529e-03	-8.671404e-06
## SPAC1952.08c	-1.225347e-03	-8.647834e-05	9.461612e-04	-3.232713e-04
## SPAC1952.11c	-2.854882e-03	-1.369341e-03	4.331320e-03	-8.939787e-04
## SPAC1952.13	-2.261046e-03	-7.391402e-04	-1.797113e-03	-3.214758e-04
## SPAC1952.14c	-3.736037e-04	-3.832751e-04	8.509724e-04	-6.185399e-04
## SPAC1952.15c	-5.465764e-05	1.441243e-04	2.427967e-04	3.040600e-05
## SPAC890.02c	-5.330190e-04	4.020962e-04	6.859534e-04	-4.305660e-04
## SPAC890.05	4.783073e-04	-7.814802e-04	6.479957e-04	2.217584e-04
## SPAC890.07c	-9.510498e-05	-5.388246e-03	-2.681942e-03	-2.201252e-03
## SPAC890.08	1.426817e-02	-3.871574e-02	-2.887103e-02	3.116296e-02
## SPNCRNA.258	2.169344e-05	3.318720e-05	1.450777e-05	2.161685e-05
## SPAC22E12.01	-4.565018e-04	9.344038e-06	7.801066e-04	-3.083053e-04
## SPAC22E12.02	-5.868735e-04	-8.152201e-04	4.131471e-04	6.151677e-04
## SPAC22E12.03c	-3.192636e-03	2.250249e-03	-7.210125e-04	-5.111063e-04
## SPAC22E12.05c	-3.528376e-03	-2.308729e-04	1.325472e-03	3.443054e-04
## SPAC22E12.06c	-2.411958e-03	1.654911e-03	1.256213e-03	-1.449846e-03
## SPAC22E12.07	-2.214316e-03	-2.246544e-03	1.004076e-03	2.587109e-04
## SPAC22E12.08	2.528207e-04	-3.267646e-04	9.353950e-04	3.022613e-04
## SPAC22E12.11c	-1.817401e-03	1.649633e-04	-4.686259e-05	-1.506406e-03
## SPAC22E12.14c	-3.330311e-03	-1.563783e-03	1.221653e-03	-6.510652e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	-5.769572e-04	6.895460e-05	7.877469e-04	-6.130904e-04
## SPAC1006.05c	-2.199681e-03	7.193735e-05	1.203309e-03	9.841606e-05
## SPAC1006.06	-2.615343e-03	1.141532e-04	2.604245e-03	-1.646879e-03
## SPAC1006.07	-4.415189e-02	-8.266672e-02	-7.201092e-02	-2.365563e-02
## SPAC1006.08	-2.996347e-04	-1.192572e-04	1.274206e-03	-2.423587e-04
## SPAC1006.09	-3.003986e-03	6.746978e-05	4.771058e-03	-3.313581e-03
## SPAC1250.05	-3.074585e-04	-1.094618e-03	1.081005e-03	-9.520656e-04
## SPAC1250.04c	5.839655e-05	-1.852800e-05	2.734152e-04	-4.185688e-04
## SPAC1250.03	-2.293150e-04	-4.234822e-05	4.036360e-05	-6.186482e-05
## SPAC1250.02	-2.013614e-05	8.070111e-06	-1.540166e-05	-9.347231e-05
## SPNCRNA.1046	-2.445014e-05	2.338027e-05	5.924532e-05	5.331527e-05
## SPAC29A4.20	-3.429436e-04	-1.207382e-03	1.789417e-03	-1.599296e-03
## SPAC29A4.19c	-1.920983e-03	-6.060910e-05	2.502108e-03	-2.045367e-03
## SPAC29A4.17c	-3.231944e-04	1.886298e-04	1.244272e-05	5.451697e-05
## SPAC29A4.16	-6.736868e-03	-2.406499e-03	7.680849e-03	-2.683147e-03
## SPAC29A4.15	-3.742132e-03	-3.427663e-03	-8.572451e-04	-3.047296e-03
## SPNCRNA.1047	4.379785e-05	-2.039031e-05	7.075340e-05	1.204453e-04
## SPAC29A4.12c	-6.313772e-05	3.911721e-05	-2.288372e-05	-7.991987e-05
## SPAC29A4.09	-1.107123e-03	-7.489108e-05	1.263570e-03	-1.028444e-03
## SPAC29A4.08c	-1.491102e-03	-2.789057e-03	3.050408e-03	2.905994e-03
## SPAC29A4.07	-6.574390e-04	1.650281e-04	1.284732e-03	2.581203e-04
## SPAC29A4.06c	-4.651136e-04	3.149610e-04	-1.816945e-06	-4.732602e-04

## SPAC29A4.04c	-2.456436e-03	-1.222178e-02	-6.731470e-03	-7.916448e-03
## SPAC29A4.02c	-3.605068e-03	-1.382918e-02	-1.770966e-02	-7.278652e-03
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-2.626728e-03	2.103768e-03	2.317867e-04	-7.145407e-05
## SPSNORNA.16	5.111831e-04	2.722391e-03	-7.326045e-03	-1.164062e-02
## SPAC26F1.13c	-1.166207e-02	-1.925705e-02	-5.136364e-03	-1.604171e-02
## SPAC26F1.11	-1.074249e-04	1.271016e-04	-1.872007e-04	2.356863e-05
## SPAC26F1.07	-7.524828e-02	4.039504e-02	3.014083e-03	4.396361e-02
## SPAC26F1.05	-6.777516e-05	-4.275281e-04	-1.165820e-04	5.064736e-04
## SPNCRNA.1056	6.624306e-06	-1.299545e-05	-4.176624e-07	-1.558625e-04
## SPAC26F1.04c	-1.357372e-02	6.647427e-03	-1.097202e-02	5.325523e-03
## SPAC26F1.03	-6.764347e-03	-1.665493e-02	-7.995707e-03	-2.521898e-03
## SPAC26F1.01	-1.288302e-03	1.848070e-04	6.139292e-04	-1.448412e-03
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-5.409661e-05	9.793430e-05	1.180479e-04	-3.547951e-05
## SPAC19D5.01	-5.754925e-03	8.345524e-04	-2.070553e-02	5.217675e-03
## SPAC19D5.02c	-1.099079e-03	8.516346e-05	2.213055e-03	-6.080668e-04
## SPAC19D5.04	-1.308472e-02	2.530525e-03	1.688916e-02	-6.022397e-03
## SPAC19D5.05c	-2.346835e-04	-4.537413e-04	5.048776e-04	-2.092249e-04
## SPAC19D5.11c	-7.404685e-05	-1.810231e-05	1.339240e-04	-1.787840e-04
## SPNCRNA.1060	-5.255757e-06	-8.651234e-05	-1.276625e-06	-3.131218e-04
## SPAC14C4.01c	-2.667681e-04	-5.917865e-04	1.142742e-03	8.250709e-04
## SPAC19D5.07	-1.311764e-04	6.936368e-05	3.269649e-04	-2.113934e-05
## SPNCRNA.1062	-1.924866e-06	2.470657e-05	2.273836e-05	-7.737130e-05
## SPAC14C4.03	-1.461162e-04	-5.417652e-05	6.281005e-05	-2.093698e-04
## SPAC14C4.04	-3.004753e-03	-2.083865e-04	1.666730e-03	-7.148549e-04
## SPAC14C4.05c	-1.296052e-03	-1.428838e-04	-3.235987e-04	3.521559e-04
## SPAC14C4.07	-5.782304e-03	2.009213e-03	-1.765531e-04	-1.194914e-03
## SPAC14C4.08	-1.399891e-04	7.996271e-05	2.196721e-04	-3.335179e-04
## SPAC14C4.09	-5.968933e-04	-3.720725e-04	-6.046383e-04	-7.448028e-03
## SPAC14C4.10c	-8.007219e-04	3.063248e-04	1.868039e-04	1.021472e-04
## SPAC14C4.11	-1.975024e-03	-4.301549e-03	5.846295e-03	-1.827558e-04
## SPNCRNA.261	-8.500585e-05	5.053065e-05	1.389642e-04	-1.428626e-04
## SPAC14C4.13	-5.122444e-04	1.754448e-04	1.287516e-03	-7.743846e-04
## SPAC14C4.14	-7.831810e-03	-3.606483e-04	5.564866e-03	-7.107644e-03
## SPAC14C4.15c	-7.483184e-04	-1.000167e-03	1.456350e-03	-7.764648e-04
## SPAPJ760.03c	7.423371e-04	-9.841625e-04	-1.897971e-03	-5.780508e-03
## SPNCRNA.1064	-1.131153e-05	2.720978e-05	2.040412e-05	-1.296674e-04
## SPAC2H10.02c	-6.754280e-04	-5.726735e-05	5.523687e-04	-4.582397e-04
## SPAC11E3.03	3.024669e-05	1.461637e-04	3.641198e-04	3.192732e-05
## SPAC11E3.04c	-1.474914e-03	-5.830396e-04	4.165788e-04	-3.078520e-04
## SPAC11E3.07	-2.349561e-03	-3.402043e-04	6.937425e-03	7.220212e-04
## SPAC11E3.08c	-2.406304e-04	4.157557e-05	1.999314e-04	-1.870309e-04
## SPAC11E3.12	-2.510772e-04	-1.608225e-04	5.350006e-04	1.237453e-04
## SPAC11E3.13c	-3.648153e-03	4.916672e-03	-5.720558e-04	-4.336089e-03
## SPNCRNA.1068	1.905202e-05	-2.301774e-05	3.394662e-06	3.731613e-05
## SPAC11E3.15	-4.955346e-04	-2.059115e-02	-1.993367e-02	7.342238e-03
## SPNCRNA.1070	-5.647903e-05	-3.347507e-05	1.071723e-04	-3.640560e-05
## SPAP8A3.05	-8.164023e-04	9.264224e-04	-9.377804e-04	-5.150870e-04
## SPAP8A3.06	5.029343e-04	-9.326811e-04	-7.122506e-04	2.266233e-03
## SPNCRNA.525	1.430446e-05	-2.923973e-05	-1.362647e-05	-9.578305e-05
## SPNCRNA.1073	6.283260e-05	-1.046455e-04	9.536396e-05	-2.854946e-04
## SPAP8A3.10	-1.000277e-03	-3.631571e-04	-2.558956e-04	-1.682001e-03

## SPAP8A3.12c	-7.444002e-03	2.472745e-03	2.724623e-03	3.306218e-03
## SPAP8A3.13c	-8.745038e-04	-2.584678e-05	1.215892e-06	-2.043385e-03
## SPAC4D7.01c	-4.903945e-03	-1.217190e-03	5.438533e-03	-3.340887e-03
## SPNCRNA.1075	-2.544999e-05	2.791295e-05	8.344460e-05	3.911185e-06
## SPAC4D7.04c	-4.285972e-04	-8.176114e-04	1.130054e-03	1.456114e-04
## SPAC4D7.05	-4.346600e-03	-1.407806e-02	-1.190799e-02	-3.390941e-03
## SPAC4D7.06c	-4.850190e-04	-2.772615e-04	8.770993e-04	-8.896353e-05
## SPNCRNA.1077	-1.743395e-05	-9.903273e-05	1.481810e-04	-1.007431e-04
## SPAC4D7.07c	-6.389466e-04	-1.235070e-04	1.056537e-04	-4.251641e-04
## SPAC4D7.08c	-3.063950e-03	-1.417881e-02	-4.236070e-03	-5.996808e-03
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	2.689097e-05	5.710120e-06	-3.279895e-05	-2.929067e-06
## SPAC4D7.09	-8.300732e-04	-4.557688e-03	9.399763e-05	-1.670930e-03
## SPAC4D7.14	-5.705343e-05	-3.964216e-06	-2.656083e-05	-4.311036e-06
## SPAC3G6.04	2.722483e-04	-3.814010e-04	7.804797e-04	5.777961e-04
## SPAC3G6.06c	-5.148363e-04	1.727042e-04	1.366465e-05	-5.001855e-04
## SPAC3G6.07	-5.937869e-04	6.349595e-04	-9.773553e-04	-4.852697e-04
## SPAC3G6.11	-1.053859e-03	2.506135e-04	2.714464e-03	-1.667084e-03
## SPAC3G6.13c	-4.033012e-03	-1.636210e-02	-1.255968e-02	9.860181e-03
## SPNCRNA.267	6.856317e-05	-3.931860e-05	-3.729153e-06	1.065834e-04
## SPAC29B12.02c	-3.728474e-03	-1.565494e-03	6.705006e-03	-1.808708e-03
## SPAC29B12.04	-1.616053e-02	-2.031160e-02	-9.271011e-03	1.166306e-02
## SPAC29B12.05c	-1.253774e-04	-1.400379e-04	-5.032910e-06	-4.138921e-04
## SPNCRNA.1081	-1.583229e-04	-2.069746e-04	-2.519222e-04	2.512477e-04
## SPAC29B12.06c	-1.955335e-03	-3.513470e-05	1.531240e-03	-1.261096e-03
## SPAC29B12.07	-2.100973e-03	1.281682e-03	5.037350e-03	-3.229826e-03
## SPNCRNA.1082	-1.662383e-04	3.674945e-05	3.240195e-05	4.269647e-05
## SPNCRNA.270	4.107800e-06	5.527490e-06	-3.955900e-06	-1.030417e-05
## SPAC29B12.08	-1.072821e-03	3.208650e-04	5.415115e-05	-2.705934e-03
## SPAC29B12.10c	-4.500073e-03	5.553215e-05	-6.910514e-03	-1.180123e-02
## SPAC29B12.11c	-1.832892e-03	5.791612e-04	-3.140544e-03	2.271441e-05
## SPATRNASER.04	-1.586629e-03	-1.396784e-05	2.834147e-03	4.090595e-03
## SPAC29B12.13	-3.240874e-04	4.625127e-04	6.352028e-04	3.837489e-05
## SPNCRNA.271	-3.979982e-06	7.182448e-06	-1.331834e-05	1.188820e-06
## SPNCRNA.272	-3.799807e-06	3.661303e-07	-9.738629e-06	9.819681e-06
## SPAC1039.01	-1.640628e-03	3.467254e-04	-1.385290e-03	-7.715579e-04
## SPAC1039.02	-9.866508e-03	-2.830998e-03	2.949784e-03	-6.387813e-03
## SPAC1039.03	-8.370209e-04	-3.486203e-04	1.330156e-03	4.406635e-04
## SPAC1039.05c	-1.286160e-03	-2.685247e-04	6.711211e-04	-1.395985e-03
## SPNCRNA.1084	8.469053e-05	-5.027536e-05	-3.380114e-05	1.497027e-04
## SPAC1039.06	-9.534595e-04	-6.904108e-04	8.991096e-04	1.163884e-03
## SPNCRNA.1085	2.715015e-05	-3.517042e-05	-1.237324e-05	5.862387e-05
## SPAC1039.08	-2.697333e-04	-5.788978e-05	4.759342e-04	4.641830e-05
## SPNCRNA.1086	-9.455451e-05	-1.046178e-04	8.842323e-05	2.382201e-04
## SPNCRNA.275	-2.509535e-06	6.667739e-06	-6.345751e-06	-5.564752e-06
## SPAC1039.09	-1.074454e-04	-2.421865e-05	4.545138e-04	-1.528072e-04
## SPAC1039.11c	-5.141150e-04	-2.763714e-04	3.876375e-05	-5.130494e-04
## SPNCRNA.1087	-2.575259e-04	-2.616016e-04	1.033089e-04	4.586476e-04
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-6.870328e-06	3.917084e-05	-4.195328e-05	-1.953790e-04
## SPNCRNA.1089	-2.588208e-05	5.900869e-06	-1.371935e-04	2.590549e-06
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-1.346791e-02	4.662881e-03	1.775356e-02	2.243393e-04
## SPNCRNA.278	-3.473351e-06	-2.356549e-05	-5.426867e-06	-9.430619e-05

## SPAC922.06	-9.068125e-04	5.858791e-05	7.792806e-04	-7.689743e-05
## SPAC922.07c	-6.015108e-04	-1.000249e-04	1.273893e-03	8.506517e-04
## SPNCRNA.1090	5.465066e-05	-7.105114e-06	-4.335563e-06	1.181602e-04
## SPNCRNA.1091	5.650092e-05	-1.717982e-04	-3.898466e-05	2.040805e-04
## SPNCRNA.1093	-1.859535e-05	3.112236e-06	3.602703e-05	3.357683e-05
## SPAC869.06c	-2.093594e-04	2.936695e-04	-3.265873e-04	-3.313523e-04
## SPNCRNA.279	-4.813626e-06	1.013507e-05	5.937626e-06	8.046529e-06
## SPAC869.05c	1.874479e-05	-9.614036e-04	-3.104053e-04	7.080415e-04
## SPAC869.04	-4.033651e-06	-3.424964e-07	1.174721e-05	2.069119e-05
## SPAC869.03c	-4.176899e-06	8.201622e-07	2.273800e-05	1.135481e-05
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	2.975429e-06	4.111900e-05	2.922044e-05	3.389821e-05
## SPAC869.02c	-1.782624e-03	4.301354e-04	4.445510e-03	7.477318e-04
## SPAC869.01	-1.660033e-05	-5.311176e-06	4.432369e-05	6.561362e-05
## SPAC186.01	1.480555e-04	-8.026260e-06	8.304038e-05	-4.195373e-06
## SPNCRNA.96	1.834333e-06	3.251143e-06	-4.178818e-06	-1.685046e-05
## SPAC186.03	4.571013e-06	1.207437e-05	3.042610e-05	8.130868e-06
## SPAC186.04c	-1.491609e-04	5.858036e-05	6.688639e-05	-2.839554e-05
## SPAC186.06	-5.611090e-05	4.220494e-07	6.940701e-05	-1.109148e-04
## SPNCRNA.310	-1.672501e-06	-1.111419e-06	2.653154e-06	-1.669613e-06
## SPAC750.01	-9.437403e-04	-3.288121e-04	1.037750e-03	1.234673e-04
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	2.006187e-05	8.095476e-06	-9.480819e-06	4.290074e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	-2.559902e-05	2.012265e-05	1.517945e-05	-1.321931e-04
## SPAC212.08c	-2.697542e-05	-9.778899e-06	9.408278e-05	-2.364573e-06
## SPAC212.07c	-1.368263e-06	-6.805750e-06	-1.343197e-05	8.664161e-07
## SPAC212.06c	-1.300006e-05	2.195826e-05	1.643119e-05	-8.459756e-06
## SPAC212.05c	-4.131774e-06	-1.579692e-06	-5.727743e-06	7.221533e-06
## SPAC977.01	-3.381637e-06	5.173758e-06	2.509981e-06	-5.331567e-06
## SPAC977.18	1.249656e-06	1.007424e-06	1.076699e-06	-7.426482e-07
## SPAC977.02	-6.378688e-08	-3.648701e-06	8.743503e-07	-1.486702e-05
## SPAC977.06	5.147662e-06	9.411332e-07	-1.282007e-06	-8.468664e-06
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	-4.234350e-04	3.303908e-04	1.059331e-03	5.120569e-04
## SPAC977.10	-2.298367e-03	-8.930465e-04	4.506969e-03	2.888219e-03
## SPAC977.12	1.929512e-03	-5.146063e-03	-5.338488e-03	-1.985828e-03
## SPAC977.14c	-1.054035e-02	-2.839168e-03	1.758576e-02	8.906335e-03
## SPAC977.17	-1.427073e-03	-6.078742e-04	1.076361e-04	-1.283475e-03
## SPNCRNA.137	-9.833571e-06	5.592783e-06	1.661944e-05	-2.653668e-05
## SPNCRNA.83	-4.717968e-05	2.752889e-05	1.331489e-04	1.985450e-04
## SPAPJ695.02	-6.333429e-05	-8.533828e-06	-1.078292e-04	-1.995690e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-1.805204e-04	3.469261e-05	-1.195401e-04	-1.622312e-04
## SPAC1F8.02c	6.019863e-06	-3.522753e-06	-8.368559e-06	-3.692916e-05
## SPAC1F8.03c	5.891846e-04	-3.449190e-03	-2.573813e-03	-4.213311e-03
## SPNCRNA.604	1.076094e-04	-1.711923e-04	-1.516780e-04	-1.790107e-04
## SPNCRNA.139	-1.523584e-07	-9.467547e-07	-1.784147e-06	1.733063e-06
## SPNCRNA.605	-3.130836e-04	-1.366830e-03	2.419861e-04	-1.283140e-03
## SPAC1F8.04c	-2.062725e-04	7.690777e-05	5.552684e-04	8.524000e-05
## SPNCRNA.606	1.077859e-04	-1.702556e-04	-1.086072e-04	2.565968e-04
## SPAC1F8.05	-6.258996e-04	1.298862e-05	3.906286e-04	3.472252e-04
## SPAC1F8.07c	-2.456456e-02	-2.980425e-03	-3.831356e-02	-3.445152e-02
## SPAC11D3.04c	1.281887e-04	-4.381798e-03	-5.231734e-03	5.767956e-04

## SPAC11D3.06	-1.350022e-03	-2.729136e-04	4.776136e-04	-6.966039e-04
## SPAC11D3.09	-6.729516e-04	2.668648e-04	-7.734663e-04	2.702676e-04
## SPAC11D3.10	-4.550707e-04	7.684922e-06	3.008919e-04	-2.825253e-04
## SPAC11D3.13	-4.466926e-03	1.374305e-03	3.651696e-03	2.132089e-03
## SPAC11D3.15	-2.973997e-03	-1.264277e-03	4.645323e-03	6.977790e-04
## SPAC11D3.17	-3.349938e-04	2.018658e-05	-5.654344e-04	1.767494e-04
## SPNCRNA.611	1.405319e-05	4.648729e-05	6.964025e-05	-6.913445e-05
## SPAC5H10.02c	-6.140530e-04	3.933750e-04	-1.425151e-04	1.714687e-04
## SPNCRNA.613	-5.240651e-05	-6.565384e-05	5.643726e-05	1.243587e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-1.615695e-03	5.086796e-05	2.762026e-03	-1.484007e-04
## SPAC5H10.07	-2.890977e-05	-9.650965e-05	-4.900292e-05	-8.864033e-05
## SPNCRNA.614	8.533936e-05	-3.546209e-04	1.244822e-04	2.512489e-04
## SPNCRNA.615	-4.893733e-06	-2.902247e-05	-4.160962e-05	1.001442e-04
## SPNCRNA.616	-8.212212e-05	-2.957822e-05	2.426822e-04	1.424902e-04
## SPAC13G6.02c	-1.825114e-02	-4.165033e-02	-3.703573e-02	1.509568e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	9.899361e-04	3.814431e-04	1.297821e-03	-5.240473e-05
## SPAC13G6.05c	-3.414480e-04	-3.064748e-04	3.010375e-04	1.330809e-03
## SPAC13G6.06c	-3.016858e-03	-4.209397e-03	3.258219e-03	-8.515959e-03
## SPAC13G6.07c	-8.878512e-03	-5.338824e-02	-3.958053e-02	-4.746061e-05
## SPAC13G6.08	-2.115339e-04	-7.183772e-05	3.533487e-04	-2.145701e-04
## SPNCRNA.619	1.694354e-04	-7.365813e-04	2.582189e-04	8.693125e-04
## SPAC13G6.09	-2.728792e-04	-7.661928e-04	1.275471e-03	-3.696220e-04
## SPAC13G6.10c	-6.969631e-03	2.129202e-04	1.046071e-02	-1.113867e-02
## SPAC13G6.11c	-1.656090e-03	-1.231723e-03	1.015049e-03	-1.702798e-03
## SPAC13G6.12c	-7.257103e-04	-2.519735e-04	1.166306e-04	2.733950e-04
## SPAC13G6.13	4.640676e-07	-1.307588e-06	-7.196281e-07	-1.978398e-06
## SPAC24B11.06c	-3.603459e-03	-4.336935e-04	5.614689e-04	1.815814e-04
## SPNCRNA.622	-1.047523e-04	5.376599e-05	7.304885e-04	4.237991e-04
## SPAC24B11.07c	-4.965565e-04	1.250127e-04	1.138550e-03	-1.142097e-03
## SPNCRNA.623	5.204349e-06	-5.291025e-05	-1.581567e-04	-8.235904e-05
## SPAC24B11.10c	-1.902336e-03	1.845870e-04	1.470372e-03	-1.822183e-03
## SPAC24B11.14	-3.231412e-05	7.967529e-05	2.444106e-05	-1.703253e-04
## SPAC24B11.13	-1.093705e-03	-8.239806e-04	-7.144453e-04	-2.316266e-03
## SPAC806.03c	-2.415981e-03	-4.232810e-03	-2.290269e-03	-4.905004e-03
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	-3.290304e-03	4.224054e-04	8.678409e-04	-4.113326e-04
## SPAC806.05	-7.473448e-04	3.667204e-06	-6.889656e-04	-1.184450e-05
## SPNCRNA.629	1.292993e-04	-1.075665e-04	-5.242297e-05	2.851902e-04
## SPAC806.08c	-6.466788e-04	-1.016998e-04	1.234752e-03	-1.115629e-03
## SPAC1639.01c	-5.253773e-03	-1.978557e-03	3.230034e-04	-3.773184e-03
## SPAC1639.02c	-2.863406e-03	4.772933e-05	1.173851e-03	-3.855298e-03
## SPNCRNA.631	-9.643214e-06	2.191576e-06	-7.887518e-06	3.311352e-06
## SPAC1F5.10	4.999192e-05	-2.687514e-03	2.394106e-03	-1.691461e-03
## SPNCRNA.634	-2.447116e-04	-3.022558e-05	2.169753e-04	8.069654e-05
## SPAC1F5.09c	-2.266959e-04	1.297673e-04	2.837339e-04	-1.176591e-04
## SPAC1F5.08c	-1.700709e-03	2.783222e-04	3.131303e-04	-1.022643e-03
## SPAC1F5.06	-3.579123e-03	-1.132601e-03	2.182822e-03	-3.457523e-03
## SPAC1F5.05c	-4.727529e-04	-2.214600e-04	4.268370e-04	-2.866613e-04
## SPAC1F5.03c	-3.656714e-03	-1.656950e-03	2.740253e-03	-2.937926e-03
## SPAC18B11.11	-1.922563e-03	4.702768e-04	1.796061e-03	-2.512581e-03

## SPAC18B11.06	6.870947e-04	-1.136463e-03	1.275110e-03	3.989342e-04
## SPAC18B11.05	-2.257330e-04	2.187418e-04	4.265440e-04	-4.793958e-04
## SPAC18B11.03c	-9.729310e-04	-1.252353e-04	1.172729e-03	6.786652e-04
## SPAC12G12.16c	-4.013953e-04	3.292328e-04	1.564429e-04	-9.880113e-05
## SPAC12G12.13c	4.575679e-04	-9.310758e-04	3.154126e-03	-7.905477e-04
## SPAC12G12.12	-2.207274e-03	1.169790e-03	-7.224630e-04	-3.057421e-04
## SPAC12G12.11c	-7.465157e-04	-1.600551e-04	4.850565e-04	-2.082487e-04
## SPAC12G12.17	-1.343861e-04	-8.257821e-05	1.259863e-04	-1.178140e-04
## SPAC12G12.08	-1.223760e-03	-2.436310e-05	1.338342e-03	-1.038201e-03
## SPAC12G12.07c	-6.149138e-03	-3.380373e-04	4.190972e-03	1.773523e-04
## SPAC12G12.05c	-9.000648e-04	-1.502157e-04	1.201743e-03	-8.700210e-04
## SPSNORNA.29	-5.360537e-03	-1.405977e-03	-1.256379e-03	4.809585e-06
## SPAC12G12.04	-3.857753e-02	-5.909208e-02	2.750653e-02	3.835397e-02
## SPAC12G12.02	3.593287e-04	-1.277280e-03	5.261547e-04	-1.633855e-03
## SPNCRNA.640	-3.352977e-05	1.669117e-05	9.544347e-05	2.002243e-05
## SPAC12G12.01c	-2.763214e-03	-1.189647e-03	4.916269e-03	-1.652995e-03
## SPAC630.04c	-1.292049e-03	1.662163e-04	1.465589e-03	4.614452e-04
## SPAC630.03	-7.316416e-03	-9.539453e-04	5.597829e-03	3.891513e-03
## SPAC630.06c	-2.062398e-04	-2.390118e-04	1.415948e-04	-6.388201e-04
## SPAC630.07c	-7.420319e-04	4.417284e-04	-1.154239e-04	1.762528e-04
## SPNCRNA.641	-3.236119e-05	8.942779e-06	3.418031e-05	-3.305686e-05
## SPAC630.08c	-3.877646e-03	-1.440096e-03	-4.836839e-03	-4.154831e-03
## SPNCRNA.642	3.327613e-05	-1.096833e-04	2.379117e-05	1.892937e-04
## SPAC630.09c	-1.161758e-03	-3.688087e-04	-8.951995e-05	1.755962e-04
## SPAC630.10	-1.720637e-04	-3.983382e-04	3.256391e-04	-6.660114e-04
## SPAC1751.03	-4.541299e-03	-8.983368e-03	-2.601734e-03	-4.935455e-03
## SPAC31A2.05c	-1.845556e-03	-4.595495e-05	1.130746e-03	-2.336052e-03
## SPAC31A2.08	-5.065943e-04	1.112336e-04	2.039900e-03	4.761473e-04
## SPAC31A2.10	-2.818991e-04	2.382042e-04	2.326634e-04	-2.753280e-05
## SPAC31A2.15c	-6.116896e-04	-1.328458e-04	9.652256e-04	-1.181903e-03
## SPAC13C5.02	-3.508918e-04	-2.657234e-04	6.095152e-04	-4.824747e-04
## SPAC13C5.03	-4.082730e-04	-4.970236e-04	8.272952e-05	-1.245911e-04
## SPSNORNA.01	-4.838822e-03	-6.287821e-03	-4.092275e-03	1.601881e-02
## SPNCRNA.646	-2.241145e-04	3.670022e-04	-4.497455e-04	4.856315e-04
## SPAC13C5.07	-2.227454e-03	2.652190e-03	1.848708e-03	-2.025829e-03
## SPNCRNA.647	-1.576382e-04	-7.996459e-05	3.404475e-05	-3.021401e-04
## SPNCRNA.648	3.842813e-05	-1.618693e-04	-2.719033e-04	1.673762e-04
## SPAC23E2.01	-1.125427e-02	1.822654e-03	-1.080203e-02	-2.431930e-03
## SPNCRNA.649	-5.873202e-06	-1.067361e-05	-1.033465e-05	1.087723e-05
## SPAC23E2.03c	-1.736033e-04	5.274822e-05	-2.428792e-05	-1.253546e-04
## SPNCRNA.650	-8.247521e-05	3.639576e-05	-3.806824e-05	-9.526150e-06
## SPAC24H6.13	-1.291740e-02	4.802929e-03	-1.496531e-02	-1.285082e-02
## SPNCRNA.651	-5.467714e-05	1.001261e-04	-5.102661e-04	4.313696e-04
## SPAC24H6.10c	1.174188e-03	-1.989295e-02	-2.552551e-02	6.292678e-04
## SPAC24H6.08	-1.289963e-03	6.426939e-04	-1.531237e-03	-6.472382e-04
## SPAC24H6.05	-1.110757e-03	7.455045e-04	1.350648e-03	-1.965820e-03
## SPAC24H6.03	-1.727690e-04	3.635524e-04	5.918177e-04	-1.159305e-04
## SPNCRNA.47	1.187991e-04	-5.411903e-05	-2.135305e-05	2.056427e-04
## SPAPB21F2.02	-4.458185e-03	-5.997400e-04	7.014201e-03	-4.622739e-03
## SPAPB21F2.03	2.690972e-04	-2.087868e-04	5.431268e-04	-4.630364e-05
## SPAC227.01c	-4.572337e-04	-1.957014e-04	5.674865e-04	-1.108242e-04
## SPAC227.02c	-6.426398e-05	-1.965047e-04	9.263898e-04	-9.361352e-04
## SPAC227.03c	-1.398083e-03	1.804010e-04	-1.205402e-03	-7.820671e-04
## SPNCRNA.656	2.831796e-05	-9.354718e-05	-9.858649e-05	-1.853152e-05

## SPAC227.04	-7.866159e-04	2.133999e-04	7.581344e-04	-1.853681e-04
## SPNCRNA.658	-5.810633e-05	5.528759e-05	-1.058814e-05	1.959463e-05
## SPAC227.14	-9.701071e-04	1.298810e-04	1.689841e-03	-7.835876e-09
## SPAC227.15	-1.343997e-03	6.658733e-06	2.745264e-03	-6.062025e-04
## SPNCRNA.659	2.787301e-04	2.401246e-04	1.109544e-04	-1.333398e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	1.136906e-03	-1.152325e-03	-3.258227e-04	1.017349e-03
## SPAC227.18	-6.591385e-03	-5.245530e-03	-2.719646e-03	-1.997707e-03
## SPAC2F7.02c	-8.745368e-04	4.916920e-04	8.942875e-04	-8.018459e-04
## SPAC2F7.03c	-1.073608e-03	4.078353e-04	6.100539e-04	-1.442828e-03
## SPAC2F7.05c	-4.314692e-03	-4.981675e-03	-2.804044e-03	-2.084474e-03
## SPAC2F7.06c	-1.559503e-04	5.369150e-05	1.322322e-05	-1.148723e-04
## SPAC2F7.07c	-3.273890e-04	7.035690e-04	4.545882e-04	-6.374849e-04
## SPAC2F7.08c	-7.228132e-04	-3.017284e-05	7.779919e-04	-5.398845e-04
## SPAC2F7.09c	-9.838914e-04	-9.829182e-05	1.030258e-03	-4.302477e-04
## SPAC2F7.10	-1.811203e-03	-3.870734e-06	2.375935e-03	-6.147873e-04
## SPAC2F7.11	-2.217524e-03	1.148655e-03	2.896592e-03	-1.484625e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-6.011793e-04	-8.413632e-04	1.059543e-03	-4.334536e-04
## SPAC2F7.16c	-1.333593e-03	1.028016e-03	1.375833e-03	-3.031124e-04
## SPAC2F7.17	-1.541943e-04	-2.953171e-04	6.048462e-04	-7.251302e-04
## SPAC13A11.02c	-4.019060e-03	-6.610471e-03	-1.910641e-03	-4.531939e-03
## SPNCRNA.155	2.243317e-05	-1.732144e-05	9.324182e-06	2.547795e-05
## SPNCRNA.662	-6.354379e-05	1.706758e-05	7.786928e-05	-5.804558e-05
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-2.633708e-04	-1.451893e-04	6.117683e-05	-1.244231e-04
## SPAC3H8.05c	-1.535622e-03	-2.042258e-04	2.457329e-03	-2.223114e-03
## SPNCRNA.664	5.538127e-05	-1.083264e-04	-1.088418e-04	1.021884e-04
## SPNCRNA.665	2.145343e-05	-3.540691e-05	2.111640e-05	1.084512e-04
## SPAC3H8.06	-2.827032e-03	-2.176383e-03	3.715445e-03	-6.607223e-04
## SPAC3H8.07c	4.132046e-05	-1.719726e-04	2.608318e-04	-9.026775e-04
## SPNCRNA.666	-2.000066e-04	-2.390498e-04	-3.015162e-04	-8.973278e-04
## SPAC3H8.09c	-3.565287e-03	1.879821e-03	3.628282e-03	1.214424e-03
## SPAC1F3.07c	2.361563e-05	-4.215836e-04	-2.023614e-04	-2.091496e-04
## SPNCRNA.668	-3.463867e-05	-1.935248e-04	3.484787e-04	3.171327e-04
## SPAC1F3.08c	2.021799e-06	1.010131e-07	-3.121466e-07	-3.326047e-06
## SPAC1F3.09	-7.607009e-03	4.262289e-03	-3.460283e-03	-2.669993e-03
## SPNCRNA.669	-9.198876e-05	6.856598e-05	-8.079453e-04	-5.048111e-05
## SPAC1F3.10c	-1.072802e-03	-7.005985e-05	-1.205251e-04	-3.023791e-04
## SPAC1D4.04	-1.828762e-03	-5.608206e-03	-2.268420e-03	-2.842831e-03
## SPAC1D4.06c	-5.852981e-04	-3.553895e-04	4.294044e-04	-1.242199e-03
## SPAC1D4.08	-1.705558e-03	-1.617620e-03	2.184963e-03	-1.868222e-03
## SPAC1D4.09c	-1.628026e-04	-1.101939e-04	6.338399e-04	1.945781e-04
## SPAC1D4.11c	-2.200866e-03	1.802307e-03	1.834774e-03	-1.310227e-03
## SPNCRNA.672	7.177824e-05	-1.760330e-04	-3.615286e-04	2.723754e-04
## SPNCRNA.673	6.092155e-06	-4.098289e-05	5.523398e-05	1.740512e-04
## SPAC1D4.13	-1.367882e-03	3.774580e-04	1.177640e-03	2.241153e-03
## SPNCRNA.674	-2.192764e-04	7.920207e-06	3.685188e-04	-8.405607e-05
## SPAC22F3.12c	-9.005412e-05	3.060288e-05	1.300910e-04	-1.061080e-04
## SPAC22F3.09c	-9.521277e-04	3.016273e-04	-9.354410e-04	-2.137622e-04
## SPAC22F3.15	-4.372546e-05	-1.079388e-05	4.445792e-04	-3.231582e-04
## SPAC22F3.06c	-1.068151e-02	-2.521564e-03	7.908283e-03	4.207973e-03
## SPAC22F3.04	-1.477450e-05	3.080575e-05	3.973181e-05	-8.099712e-06
## SPATRNAVAL.02	-2.082842e-02	1.275905e-02	3.369137e-03	-9.502369e-03

## SPAC22F3.02	-1.259735e-04	1.091354e-05	-7.111054e-06	-8.309199e-05
## SPAC1296.01c	-2.742297e-03	-6.606333e-04	1.637286e-04	7.889534e-05
## SPAC1296.02	-4.671118e-03	-8.068313e-04	1.592884e-03	-5.304670e-04
## SPATRNAGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	-3.191858e-03	-1.075420e-04	2.448753e-03	-5.247623e-04
## SPAC1296.06	-8.959016e-04	-3.171664e-04	5.141245e-04	-6.671122e-04
## SPAC22G7.02	-2.193634e-03	-2.958466e-04	2.034035e-03	-2.688548e-03
## SPAC22G7.04	-2.286724e-03	-1.629574e-03	5.170218e-03	-1.187342e-03
## SPAC22G7.06c	-9.373881e-03	-3.591377e-02	-6.547957e-02	-6.676017e-02
## SPAC22G7.07c	-3.941450e-04	-5.926028e-05	4.498224e-04	1.084948e-04
## SPAC22G7.08	-6.873719e-04	2.663572e-04	-1.159385e-03	-1.764102e-04
## SPAC22G7.11c	-6.783231e-04	6.787514e-04	-5.016656e-04	-2.750572e-04
## SPNCRNA.679	-1.521293e-04	1.228985e-06	-1.677064e-04	-1.897408e-05
## SPNCRNA.680	-4.261523e-05	-1.166006e-04	-1.079907e-04	-1.022817e-04
## SPAC4G8.04	-1.482054e-03	-5.318271e-04	4.144603e-04	6.915474e-04
## SPAC4G8.05	-3.436220e-03	1.036123e-03	-1.156190e-04	-8.094861e-04
## SPAC4G8.07c	-5.984731e-04	-3.785871e-04	7.978051e-04	-1.194226e-03
## SPNCRNA.681	1.400442e-05	-8.441165e-06	-3.381077e-06	2.254662e-05
## SPNCRNA.682	7.305180e-05	8.951324e-06	-2.402498e-05	-1.644035e-04
## SPAC4G8.09	-1.697416e-03	-5.697983e-05	3.334122e-03	-5.668901e-04
## SPNCRNA.683	-1.717104e-04	-1.525101e-05	-8.179894e-05	-1.106495e-04
## SPAC4G8.10	-9.973590e-04	3.236392e-04	-1.407678e-03	4.822587e-04
## SPNCRNA.684	-9.531555e-05	1.112112e-04	2.252575e-04	5.136631e-05
## SPAC16C9.01c	-1.745361e-03	6.204918e-04	1.215139e-03	1.584341e-03
## SPNCRNA.685	-1.064218e-04	-4.592559e-05	7.871253e-05	-8.478307e-05
## SPNCRNA.686	-1.543109e-04	1.070009e-04	-1.708558e-04	-2.216975e-05
## SPAC16C9.02c	2.528587e-04	-5.820572e-03	-7.033613e-03	-4.356792e-03
## SPAC16C9.03	1.191787e-03	-2.086998e-03	1.419250e-03	6.651165e-04
## SPAC16C9.04c	-1.527365e-03	-2.822211e-04	9.437290e-04	-3.829152e-05
## SPNCRNA.687	-2.727622e-05	6.408221e-05	4.149394e-04	4.228979e-04
## SPAC16C9.06c	-1.790576e-03	-3.021849e-03	4.716170e-03	-1.612297e-03
## SPAC16C9.07	-2.187731e-03	1.530706e-04	3.793292e-03	-2.158305e-03
## SPAC2G11.04	-3.599714e-04	-5.683398e-05	4.004268e-04	-5.209830e-04
## SPAC2G11.05c	-6.059397e-04	3.241079e-04	5.366698e-04	-5.061409e-04
## SPAC2G11.08c	-1.939698e-04	6.130825e-05	7.774081e-04	-4.388918e-05
## SPAC2G11.10c	-4.621317e-04	-3.579814e-04	1.054021e-03	-4.708727e-04
## SPNCRNA.689	-1.225527e-04	-1.052091e-04	9.127093e-05	-1.148380e-04
## SPAC2G11.11c	-7.890549e-04	-8.016344e-04	3.659010e-03	-2.187343e-03
## SPNCRNA.690	-1.152156e-04	2.325431e-06	5.344610e-05	-1.042607e-04
## SPAC2G11.13	-1.805568e-03	1.129011e-03	-6.653213e-04	-9.470977e-04
## SPAC2G11.14	-3.169961e-03	1.775802e-03	-8.195137e-04	-1.197045e-03
## SPAC2G11.15c	3.215794e-06	-2.270703e-04	1.385251e-04	-2.128656e-05
## SPAC521.04c	-5.464807e-03	1.986067e-03	-6.054202e-04	7.709423e-04
## SPNCRNA.693	-1.881306e-05	-7.228527e-06	-3.377915e-06	1.012245e-05
## SPAC23G3.02c	-3.646392e-03	-1.313610e-03	2.720688e-03	-7.269327e-04
## SPAC23G3.03	-1.748605e-03	4.619270e-04	-1.793297e-04	3.893526e-04
## SPAC23G3.05c	-5.549638e-04	-3.415864e-04	2.675882e-06	-2.410600e-05
## SPAC23G3.09	-2.403655e-03	1.304909e-04	3.553054e-03	-5.165323e-04
## SPAC23G3.11	-3.784519e-03	3.793837e-04	5.881473e-03	6.976413e-03
## SPAC23G3.12c	-1.301268e-03	-2.076734e-03	2.280893e-03	2.116771e-03
## SPAC22H12.03	-3.626115e-04	-2.257459e-04	7.809883e-04	-7.729619e-05
## SPAC22H12.04c	-4.471295e-02	-7.840228e-02	-7.630247e-02	3.652090e-02
## SPAC1687.02	-7.010948e-04	-2.313982e-05	1.045192e-03	-2.965863e-04
## SPAC1687.03c	-9.369380e-04	-1.194101e-03	2.792385e-04	-3.228688e-03

## SPNCRNA.695	4.002377e-05	-2.652464e-05	-7.194840e-05	1.237045e-04
## SPRRNA.12	4.194233e-02	-1.031552e-01	1.197905e-02	2.881065e-01
## SPAC1687.07	-4.066894e-04	9.010900e-05	-1.005917e-04	-2.162818e-04
## SPAC1687.08	-9.102126e-05	2.006844e-05	1.907513e-05	-1.300815e-05
## SPAC1687.09	-4.464592e-03	2.034635e-03	-1.085336e-03	-3.162138e-03
## SPAC1687.10	-1.036279e-03	-2.529303e-04	2.028575e-03	-2.228343e-04
## SPAC1687.13c	-5.341515e-04	-5.891002e-05	-1.685808e-04	-4.264484e-04
## SPAC1687.23c	-6.539606e-06	3.535290e-06	-6.434085e-06	5.461891e-06
## SPAC1687.15	-2.876986e-03	9.537235e-05	1.398518e-03	-1.838633e-03
## SPNCRNA.697	-3.950733e-05	6.960582e-06	1.319506e-04	-6.999999e-05
## SPAC1687.21	1.837628e-04	-9.754090e-04	-3.069226e-04	-7.703753e-04
## SPAC1687.22c	-1.380255e-03	1.126233e-03	8.084247e-04	8.434576e-05
## SPNCRNA.698	1.977738e-05	-2.119955e-04	1.011930e-04	3.252223e-04
## SPNCRNA.699	-1.927035e-04	-7.987861e-05	4.579708e-04	-3.289171e-04
## SPAC222.05c	-1.137552e-03	8.958538e-05	1.767619e-03	-1.251328e-03
## SPNCRNA.700	-1.067090e-04	-6.053497e-05	1.985975e-05	-1.044175e-04
## SPATRNAGLU.02	-1.319796e-01	4.817611e-02	-3.834752e-02	-5.927769e-02
## SPAC222.09	-5.484511e-04	6.945868e-05	2.788138e-04	-2.229723e-03
## SPAC222.10c	-7.478276e-04	5.851239e-04	5.545590e-04	-1.285706e-03
## SPAC222.11	-3.482514e-04	-3.492143e-03	-2.547259e-03	-1.750822e-03
## SPAC222.12c	-4.090747e-02	-1.289638e-02	1.291384e-02	-1.499587e-02
## SPAC222.13c	-1.509216e-03	7.433581e-04	9.403717e-04	-5.739739e-04
## SPAC222.14c	-3.929180e-03	4.727980e-04	4.518883e-03	7.207037e-04
## SPNCRNA.50	-6.897008e-06	-9.455415e-07	3.193313e-05	-4.262743e-05
## SPAC821.03c	-4.261497e-03	-3.471628e-04	2.663865e-04	-3.770969e-03
## SPAC821.04c	-1.469043e-03	3.206582e-04	-7.683923e-04	-1.919938e-03
## SPSNRNA.03	-8.636151e-02	-1.157334e-02	-1.957229e-01	-5.944607e-02
## SPAC821.07c	-1.146709e-03	-6.919721e-04	1.188083e-03	-1.392062e-03
## SPNCRNA.163	-2.544549e-05	-5.340666e-09	5.131494e-06	-7.978623e-06
## SPNCRNA.164	4.937555e-07	1.699456e-06	1.218765e-06	-3.502158e-06
## SPAC821.11	-5.638943e-04	-5.459216e-03	-2.934202e-03	4.349265e-03
## SPAC821.13c	-3.113253e-03	1.869892e-04	3.224675e-03	-3.474533e-03
## SPAC139.03	-1.185810e-03	4.085445e-04	-1.005570e-03	-6.874807e-04
## SPAC139.04c	-1.454738e-03	-8.797656e-05	-1.562927e-04	1.301474e-03
## SPNCRNA.705	1.639986e-05	1.366389e-05	1.953969e-05	-6.364964e-05
## SPAC139.05	-1.707443e-02	1.440361e-02	-2.237921e-02	-1.170478e-02
## SPNCRNA.706	6.892772e-05	-4.856173e-04	-2.603118e-04	-1.725372e-04
## SPAC139.06	3.277302e-04	-1.283347e-03	-6.198787e-05	-2.173087e-04
## SPNCRNA.707	-4.014649e-05	-1.319092e-05	7.647921e-05	1.918865e-05
## SPAC23C4.02	-3.052944e-03	-1.474409e-03	4.318477e-03	-2.739805e-03
## SPAC23C4.04c	2.762772e-04	-1.584682e-04	-1.627127e-04	6.361541e-05
## SPAC23C4.07	-1.633906e-04	2.048426e-05	-3.840572e-04	-3.143545e-04
## SPAC23C4.08	-3.018610e-03	1.479174e-03	-2.262643e-03	-2.801148e-03
## SPNCRNA.708	-9.878508e-05	9.521146e-05	3.121670e-04	-1.455867e-04
## SPAC23C4.12	-1.073795e-03	3.043367e-04	5.600438e-04	-1.206607e-03
## SPAC23C4.16c	-1.750327e-03	1.008522e-04	1.601008e-03	6.478654e-04
## SPNCRNA.709	7.385277e-05	9.275043e-06	-7.637289e-06	-8.046058e-05
## SPNCRNA.166	9.775734e-06	-2.838840e-05	2.070736e-05	8.676315e-05
## SPAC23C4.19	-4.564144e-03	-1.822477e-03	7.286050e-03	-4.743893e-03
## SPAC1A6.11	-2.728595e-05	1.831306e-05	-5.118203e-05	-4.813472e-05
## SPAC1A6.05c	-1.543753e-03	-1.006085e-03	1.809719e-04	-1.066540e-03
## SPAC1A6.07	-2.909168e-03	9.683370e-04	-2.932570e-03	-1.968445e-03
## SPAC1A6.09c	-3.264402e-03	-2.239384e-03	5.245480e-03	-1.887264e-03
## SPAC1A6.10	-2.207109e-03	-3.854340e-03	1.581103e-03	1.455528e-03

## SPAC30D11.13	-3.730547e-04	-1.102386e-05	1.028162e-03	-5.958396e-04
## SPAC30D11.12	8.081208e-03	-1.272977e-02	-8.259664e-03	1.250165e-02
## SPAC30D11.11	-3.021398e-03	-2.281804e-03	-2.155670e-03	-1.292349e-03
## SPAC30D11.10	-8.161960e-04	1.494739e-04	9.278388e-04	-1.368975e-03
## SPNCRNA.712	-1.430603e-04	2.180619e-04	1.591652e-04	-3.080257e-05
## SPAC30D11.09	-9.094518e-04	-1.593014e-04	1.137718e-03	-1.144848e-03
## SPAC30D11.08c	-6.517823e-04	1.105668e-04	-4.088171e-04	-1.019153e-03
## SPAC30D11.04c	-3.280946e-03	2.288255e-03	2.345418e-03	-5.034149e-03
## SPAC30D11.03	1.730555e-03	-4.302005e-03	1.219371e-03	-6.712903e-04
## SPAC30D11.01c	-3.067734e-03	1.448884e-03	2.303098e-04	-6.458914e-05
## SPNCRNA.713	5.515436e-05	-5.864832e-05	-4.393171e-06	-4.537088e-04
## SPNCRNA.714	-1.583512e-06	-1.010065e-06	-1.403898e-05	-1.109020e-05
## SPAC56F8.03	-2.629342e-03	-7.608805e-03	-4.919984e-04	-8.236090e-03
## SPAC56F8.05c	-3.165298e-03	-4.871303e-03	-3.692274e-03	7.195255e-04
## SPNCRNA.715	-8.039090e-05	4.405202e-05	8.249782e-05	7.345452e-06
## SPAC56F8.07	-7.085535e-04	-5.429813e-04	8.398073e-05	4.126761e-04
## SPAC56F8.08	-2.724752e-03	-7.524016e-04	1.175899e-03	2.322355e-03
## SPAC56F8.10	-1.753465e-03	-1.395277e-03	-5.965121e-04	6.880029e-04
## SPAC56F8.11	-5.070204e-04	-4.813414e-04	1.939451e-03	8.973689e-04
## SPAC56F8.14c	-1.035751e-03	-6.334878e-04	-1.098900e-04	-1.169568e-03
## SPAC56F8.13	1.790716e-05	-6.272678e-05	-1.761403e-05	-2.790919e-05
## SPAC56F8.15	-1.857902e-04	1.833695e-04	5.317540e-05	-3.363706e-04
## SPAC22A12.01c	-9.751543e-04	-1.426925e-04	1.367330e-03	-2.259366e-03
## SPAC22A12.03c	-5.277548e-04	-1.852654e-04	9.284804e-04	-1.267493e-04
## SPAC22A12.05	9.631702e-04	-4.233477e-04	1.359226e-03	-2.047636e-04
## SPAC22A12.06c	-5.994381e-04	-2.266838e-03	-1.003764e-03	-1.110527e-03
## SPNCRNA.718	-9.625438e-05	-5.187581e-05	2.221847e-05	-1.298222e-04
## SPAC22A12.13	-6.473210e-04	2.877964e-04	4.556206e-04	-1.043092e-03
## SPAC22A12.15c	-7.267312e-02	-4.522429e-02	1.165947e-01	9.841871e-02
## SPAC22A12.16	-8.895874e-03	-3.160343e-02	-2.284058e-02	5.203851e-03
## SPAC4C5.01	-1.055337e-03	-1.802896e-03	8.555881e-04	-2.281656e-03
## SPATRNAALA.02	-5.980229e-04	-1.532259e-04	-3.622017e-05	2.340851e-04
## SPNCRNA.722	1.198942e-04	-2.236371e-04	-3.067762e-04	-4.312182e-04
## SPAC4C5.04	4.033341e-04	-2.551986e-04	9.710937e-04	1.317543e-03
## SPNCRNA.723	9.011546e-05	8.964295e-06	7.005690e-05	7.524842e-05
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	1.229749e-02	-3.251189e-02	-1.604899e-02	1.564878e-03
## SPAC10F6.04	-1.150140e-03	1.125315e-04	9.120179e-04	-8.082358e-04
## SPAC10F6.06	-4.092191e-02	1.502863e-02	3.842946e-02	5.104360e-02
## SPAC10F6.07c	-9.620550e-05	9.712191e-05	2.706280e-04	2.667434e-05
## SPNCRNA.554	4.425819e-08	4.711373e-06	-1.961706e-05	-1.369445e-04
## SPAC10F6.08c	-6.307145e-05	1.667956e-04	1.178968e-04	-2.092889e-04
## SPAC10F6.09c	-1.822676e-03	6.546563e-04	1.464591e-03	-3.516024e-03
## SPAC10F6.11c	-2.989842e-03	7.200782e-04	9.843564e-04	-2.142482e-04
## SPAC10F6.12c	-5.089805e-05	-1.197765e-03	6.061928e-04	-9.677349e-04
## SPAC10F6.13c	-6.221401e-03	-2.865932e-03	2.754256e-03	6.311777e-04
## SPAC10F6.14c	-1.085607e-03	-2.998475e-05	1.156945e-03	6.170161e-04
## SPNCRNA.82	-1.057782e-06	-1.571460e-07	1.232584e-05	1.024577e-05
## SPNCRNA.727	1.594975e-04	-4.173491e-05	-9.775607e-05	7.078456e-05
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-1.078348e-03	4.720878e-04	-1.871552e-03	-4.598964e-04
## SPNCRNA.729	-1.283430e-05	-4.454312e-06	-1.046120e-05	-4.033674e-05
## SPAC10F6.16	-8.100046e-03	1.143753e-03	-1.761354e-03	1.900813e-03
## SPAC56E4.02c	-1.105696e-04	-1.794893e-04	1.324500e-04	3.380856e-04

## SPAC56E4.04c	-5.073347e-02	-6.852926e-02	-6.544660e-04	-1.741422e-02
## SPAC56E4.05	-1.103089e-03	-6.117406e-04	4.600610e-04	-7.360477e-04
## SPAC56E4.06c	-3.182183e-03	6.050423e-05	4.188080e-04	-1.818252e-03
## SPAC1420.01c	-2.741915e-03	-1.208728e-03	2.866152e-03	-9.492421e-04
## SPAPB17E12.04c	-8.213422e-04	2.901869e-04	2.503135e-04	-5.398708e-04
## SPAPB17E12.06	-3.585008e-04	1.125815e-04	5.526046e-04	-6.965183e-04
## SPAPB17E12.07c	-4.966498e-04	-4.881065e-05	1.292107e-03	-1.988173e-04
## SPAPB17E12.08	-3.350598e-04	-1.086741e-04	3.143118e-04	2.203172e-04
## SPAPB17E12.10c	-4.661578e-04	-1.665746e-05	8.952498e-04	-3.274470e-04
## SPAPB17E12.09	-1.851748e-05	-2.175161e-07	5.919313e-05	-4.596206e-05
## SPAPB17E12.12c	-8.530191e-05	-1.371611e-04	3.864772e-04	3.891096e-04
## SPAPB17E12.14c	-2.798706e-03	2.231682e-04	2.658739e-04	-2.265776e-03
## SPAPB17E12.13	-1.025508e-02	-1.466283e-02	-4.133939e-03	-1.275370e-02
## SPAC1565.01	-2.309498e-03	-2.173197e-03	2.883456e-03	-1.214872e-03
## SPAC1565.02c	-7.788510e-04	-3.780684e-04	1.465157e-03	3.972674e-04
## SPAC1565.04c	-2.723989e-04	7.711765e-05	3.134165e-05	-6.765654e-05
## SPNCRNA.169	-8.408942e-06	-5.291978e-06	1.388361e-05	-1.125715e-05
## SPAC1565.08	-4.869854e-02	-1.084322e-02	3.432308e-02	2.555887e-02
## SPAC6F12.02	-2.281424e-03	-9.672849e-05	1.532818e-03	-1.694238e-03
## SPAC6F12.03c	-1.152512e-03	1.133541e-05	-1.997651e-04	2.237877e-04
## SPAC6F12.04	-3.007982e-03	6.458052e-04	2.806301e-03	5.261258e-04
## SPAC6F12.05c	-1.675742e-03	-2.782960e-04	2.338916e-03	1.292230e-03
## SPAC6F12.10c	-1.217739e-02	-3.261474e-02	-1.077326e-02	-1.769023e-02
## SPNCRNA.734	-8.207811e-06	-5.044755e-06	-5.412951e-06	9.069268e-06
## SPAC6F12.11c	-1.101192e-03	1.796869e-06	1.292941e-03	-6.193762e-04
## SPAC6F12.14	-4.420519e-04	3.016185e-04	2.245156e-03	-5.824561e-04
## SPNCRNA.735	-5.322531e-05	-6.350629e-05	2.799452e-04	1.851327e-04
## SPAC6F12.16c	-1.295135e-04	-5.042992e-03	-3.239357e-04	-7.459233e-03
## SPAC6F12.17	-3.343315e-03	-3.312293e-04	1.008942e-03	-7.810559e-04
## SPNCRNA.736	-2.001478e-04	-5.937971e-06	7.875911e-05	2.684737e-05
## SPNCRNA.737	-7.276545e-05	8.980188e-05	-1.246355e-04	-1.779771e-04
## SPAC57A10.02	-1.894839e-03	6.525585e-04	2.169607e-03	-1.525257e-03
## SPNCRNA.739	-5.665631e-05	4.259049e-05	1.927507e-04	6.213738e-05
## SPAC57A10.04	-2.511029e-05	-3.302433e-06	-2.746426e-05	-1.913456e-05
## SPAC57A10.14	-2.282975e-04	-4.946824e-04	3.456256e-04	-2.279598e-04
## SPAC57A10.10c	2.773496e-03	-2.986524e-03	-3.676433e-03	-2.958126e-03
## SPAC57A10.11c	-3.844387e-04	-3.109965e-04	2.936462e-03	-1.217553e-04
## SPAC20G8.01	-2.690286e-03	8.133913e-06	1.607787e-03	-1.752601e-03
## SPAC20G8.02	-3.071785e-03	1.697742e-03	-1.525751e-04	-2.368503e-03
## SPNCRNA.58	-1.734227e-04	-9.123708e-05	3.709432e-04	4.622911e-04
## SPAC20G8.03	-6.641266e-03	-4.778736e-03	4.147079e-03	3.374779e-03
## SPNCRNA.740	-1.553255e-04	-1.472782e-04	9.989844e-05	-1.276480e-04
## SPAC20G8.07c	-3.045319e-03	-1.882128e-03	-6.092343e-04	-9.159062e-04
## SPATRNACYS.01	-2.489190e-03	3.498394e-04	7.338926e-04	6.590857e-04
## SPAC3A12.02	-2.615685e-04	5.715550e-05	1.045297e-03	9.628221e-05
## SPAC3A12.03c	-5.015859e-04	-4.994487e-04	1.458525e-03	-2.022336e-04
## SPAC3A12.05c	-1.480509e-03	-8.120082e-04	3.122939e-03	-2.526489e-03
## SPAC3A12.06c	-2.660408e-03	5.799383e-04	-1.244405e-03	-1.022070e-03
## SPAC3A12.08	-3.552006e-04	-7.668664e-07	3.116107e-04	1.926769e-04
## SPAC3A12.09c	-2.899151e-04	3.894796e-04	9.869104e-04	-8.514897e-04
## SPAC3A12.10	-1.155794e-02	-3.184436e-02	-3.096874e-02	6.576136e-03
## SPAC3A12.12	-6.678284e-04	4.513828e-05	1.227712e-03	3.285598e-04
## SPAC3A12.13c	-3.229425e-04	-1.496139e-03	3.610860e-03	-2.407175e-03
## SPATRNAPRO.03	-3.007165e-03	1.709055e-03	1.908114e-03	4.048257e-04

## SPAC3A12.16c	-2.499524e-03	-2.143207e-03	2.415603e-03	-1.667072e-03
## SPAC3A12.17c	-1.394225e-03	-9.612229e-05	-6.729735e-05	3.193908e-04
## SPAC9.02c	-8.013789e-04	-5.496373e-04	1.862296e-04	-5.993559e-04
## SPAC9.04	-2.059478e-06	-1.391482e-06	1.254396e-05	-3.935863e-06
## SPAC9.07c	-2.425670e-03	2.583788e-04	2.046544e-03	-7.914484e-04
## SPNCRNA.742	-1.886455e-06	-1.183864e-04	2.641753e-05	6.894859e-05
## SPATRNAMET.02	-1.975604e-02	-7.620296e-04	1.039383e-02	1.965153e-02
## SPAC9.11	-4.034906e-04	-4.748218e-06	8.204098e-04	-3.741030e-04
## SPAC9.12c	-4.615382e-04	7.003690e-05	8.149407e-04	-5.558478e-05
## SPAC9.13c	-5.892949e-04	6.447805e-04	-4.406432e-04	1.749596e-04
## SPAC5D6.13	-2.991794e-03	-9.318519e-04	4.631723e-03	-1.422582e-03
## SPAC5D6.08c	-2.531198e-04	4.057883e-05	6.637254e-04	-4.422190e-04
## SPAC5D6.06c	2.558232e-05	-1.010592e-04	6.165402e-04	-1.867009e-04
## SPAC5D6.05	-2.607221e-04	-8.406626e-04	1.112167e-03	-3.174437e-04
## SPAC5D6.01	1.643190e-03	-5.053689e-03	1.327611e-03	-4.171232e-03
## SPNCRNA.173	4.534534e-05	-2.154065e-05	6.182986e-06	4.344641e-05
## SPAC57A7.13	-7.444917e-04	1.274910e-04	8.539019e-04	-3.215473e-04
## SPAC57A7.12	-9.656771e-04	-3.733983e-02	-3.913501e-02	-3.457714e-03
## SPAC57A7.11	-2.478328e-03	2.039171e-04	1.093373e-03	-4.043062e-03
## SPAC57A7.09	-1.430019e-03	4.867695e-04	-6.303293e-04	-2.559947e-04
## SPATRNALEU.01	-2.633384e-03	6.884863e-04	3.891313e-04	-4.619354e-03
## SPAC57A7.07c	-3.300613e-04	-2.980240e-04	1.352815e-03	1.702934e-04
## SPNCRNA.744	-2.119640e-05	1.823686e-06	3.668792e-05	-3.928417e-05
## SPAC57A7.05	-5.067422e-03	3.134487e-03	-8.231193e-03	-2.154253e-03
## SPAC57A7.15c	-8.206938e-05	-1.813503e-04	4.142126e-04	9.406867e-05
## SPAC167.06c	-9.993709e-04	1.083316e-03	-1.867800e-03	-8.744900e-04
## SPAC167.02	-1.059177e-03	2.866772e-06	1.642640e-03	1.435788e-04
## SPAC167.03c	-9.568708e-04	3.349317e-05	7.475678e-04	2.012142e-05
## SPAC167.01	-2.312028e-03	5.503692e-04	3.042815e-03	-1.461335e-03
## SPNCRNA.555	-4.811191e-06	4.649218e-06	3.947349e-07	2.534867e-05
## SPRRNA.53	-9.780812e-02	-9.569295e-02	5.905828e-02	2.999104e-01
## SPAC1705.02	-2.675925e-04	-6.419557e-04	1.648601e-04	-8.440144e-04
## SPNCRNA.175	6.426436e-06	-9.487724e-06	-1.386089e-05	-4.374777e-05
## SPAC23H4.18c	-2.944802e-04	1.939791e-04	5.250713e-04	-5.284715e-04
## SPAC23H4.14	-1.191297e-03	1.672540e-04	1.107305e-03	-1.085371e-03
## SPAC23H4.11c	5.105697e-05	9.303666e-05	6.444651e-04	-3.435135e-04
## SPAC23H4.10c	-1.275084e-03	-7.758002e-04	3.420645e-04	-1.094558e-04
## SPAC23H4.09	1.162652e-03	-7.331806e-03	-7.717228e-03	1.277610e-03
## SPAC23H4.06	-1.226505e-02	-1.236316e-02	1.582309e-02	-2.487310e-03
## SPAC23H4.03c	-2.388791e-03	-1.999952e-04	3.602468e-03	-1.453477e-04
## SPAC23H4.02	-5.408857e-04	-3.949733e-04	3.148828e-04	8.466570e-05
## SPAC23H4.01c	-2.032807e-03	-2.067638e-03	-3.271918e-03	-2.876302e-03
## SPAP27G11.02	-1.055190e-03	-2.349956e-04	2.535611e-03	9.449674e-04
## SPNCRNA.748	-2.421938e-05	2.508936e-05	6.850140e-05	7.069616e-05
## SPAP27G11.04c	9.203585e-05	-7.892943e-04	5.774075e-04	6.966955e-04
## SPAP27G11.06c	-7.673814e-04	-3.699732e-04	3.923329e-04	1.475615e-03
## SPAP27G11.07c	-1.852531e-04	1.698036e-04	6.257087e-04	3.343436e-04
## SPAP27G11.08c	-6.048518e-05	3.489797e-05	6.103368e-05	-8.821536e-05
## SPAP27G11.10c	-6.404271e-03	-4.089190e-04	1.117533e-02	-1.581365e-03
## SPAP27G11.11c	4.367798e-06	-9.822601e-06	-5.995435e-05	5.373718e-05
## SPNCRNA.750	4.724218e-05	-1.534402e-05	7.181248e-05	1.647624e-04
## SPAP27G11.16	-2.102055e-04	7.126416e-05	9.991780e-05	-5.569446e-05
## SPAP27G11.12	-3.949006e-03	2.222534e-04	-5.460007e-04	-3.323971e-03
## SPAP27G11.13c	1.928432e-03	-3.588733e-03	-2.406433e-03	1.716884e-05

## SPAC343.02	-5.797658e-04	-1.225185e-03	2.446196e-04	-3.821539e-04
## SPATRNAGLY.01	-4.515237e-03	5.500608e-04	1.002502e-03	2.780050e-03
## SPNCRNA.751	-1.780826e-05	-7.145613e-05	9.478984e-05	-9.803037e-05
## SPAC343.06c	-2.276033e-03	1.037182e-03	-4.735579e-04	3.710580e-04
## SPAC343.09	-6.261660e-03	-7.889424e-04	7.019239e-03	3.207124e-03
## SPNCRNA.753	-1.865560e-05	-1.195776e-05	-6.018154e-05	2.766434e-05
## SPAC343.21	-1.912482e-04	1.106107e-05	-5.743276e-04	-4.685956e-05
## SPAC343.12	-4.071768e-02	2.343238e-02	-3.589089e-02	4.193265e-03
## SPAC343.13	-1.978523e-04	-6.125345e-04	1.558009e-04	5.732543e-04
## SPAC343.14c	-1.812174e-03	-1.701159e-03	-1.782223e-04	-1.247432e-03
## SPAC343.16	-7.698341e-03	-1.931507e-02	-9.026196e-03	-8.780449e-03
## SPAC343.18	-8.464751e-04	4.862067e-05	2.242154e-04	-9.544225e-05
## SPAC343.19	-1.895783e-03	8.623070e-04	8.683679e-04	-3.187100e-03
## SPAC824.02	-3.796632e-03	8.370561e-04	5.270588e-03	-1.971648e-03
## SPAC824.03c	-7.460617e-04	-4.091168e-04	1.105943e-03	-2.083980e-04
## SPNCRNA.755	-2.572573e-05	2.067160e-05	-2.413721e-05	3.800892e-05
## SPAC824.06	-8.280572e-04	-8.603610e-04	2.327335e-03	-4.675686e-04
## SPAC824.09c	-1.429691e-03	-8.254302e-04	2.038243e-03	-2.504148e-04
## SPNCRNA.177	-2.725835e-05	5.456910e-06	-1.668662e-05	-2.556623e-05
## SPAC664.01c	-8.336584e-04	-5.517666e-04	1.823752e-03	-1.559328e-03
## SPAC664.02c	-1.372997e-03	-7.296703e-04	1.395267e-03	-1.559916e-03
## SPAC664.05	-1.749529e-02	-2.438378e-02	-1.498072e-02	-1.769652e-02
## SPNCRNA.756	1.283715e-04	-1.695322e-04	6.553180e-05	-2.597434e-04
## SPAC664.06	5.458842e-03	-5.272709e-03	4.499999e-03	4.572020e-04
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	4.341476e-05	-2.748058e-05	4.218264e-05	7.775288e-05
## SPAC664.13	-2.231078e-04	5.612039e-06	2.910986e-04	-1.713868e-04
## SPATRNALYS.02	-6.893680e-04	1.538265e-04	8.124891e-05	-2.184176e-04
## SPAC664.15	-1.956094e-03	3.687553e-04	-1.073865e-04	-1.596914e-03
## SPAC105.02c	-3.152639e-03	-1.562618e-03	5.031620e-03	2.817608e-03
## SPATRNATYR.01	-4.397582e-03	1.315704e-04	3.310661e-05	-1.015822e-03
## SPAC105.03c	-2.352260e-03	-1.629395e-03	4.466001e-03	-1.798137e-03
## SPAC17A5.01	-8.775239e-04	-1.170892e-03	1.469580e-03	-1.846481e-03
## SPNCRNA.759	-7.559500e-05	1.894852e-05	5.955472e-05	6.405526e-05
## SPNCRNA.556	9.273762e-05	-6.113203e-05	-2.478978e-05	1.592568e-04
## SPAC17A5.05c	-3.483000e-04	-2.373585e-04	7.210967e-04	-4.389072e-04
## SPAC17A5.07c	-8.487437e-04	-1.976556e-04	1.355348e-03	-7.300166e-04
## SPAC17A5.09c	-8.990157e-04	4.265742e-04	1.468222e-03	5.046651e-04
## SPATRNAILE.01	-1.800025e-04	3.753173e-04	6.220638e-04	1.369906e-04
## SPNCRNA.760	-4.187878e-06	4.490725e-05	4.950585e-05	-7.779311e-05
## SPNCRNA.761	-1.483653e-04	-2.715546e-04	-1.326764e-04	-1.438187e-04
## SPAC17A5.13	-2.720882e-04	-1.173667e-03	2.536990e-04	-3.993076e-05
## SPAC17A5.15c	-1.442791e-02	-1.596810e-02	-5.778049e-03	-9.443168e-03
## SPNCRNA.762	-8.012046e-04	-3.916031e-04	6.634716e-04	-2.184037e-04
## SPAC1002.01	-7.625435e-05	-1.060365e-05	2.955702e-05	-5.820930e-05
## SPAC1002.06c	-2.776367e-05	-1.244538e-05	5.375389e-06	-3.592053e-05
## SPAC1002.07c	-6.292362e-04	-9.265064e-04	3.865746e-04	1.742994e-03
## SPAC1002.08c	-1.022135e-03	3.366258e-04	7.241700e-04	1.007746e-03
## SPNCRNA.763	-1.990894e-04	1.230188e-05	2.223442e-05	-5.896748e-04
## SPAC1002.10c	-7.327578e-04	3.331513e-04	1.420698e-03	-2.783809e-04
## SPAC1002.11	-2.783018e-03	8.067373e-04	1.622893e-03	-7.653519e-04
## SPAC1002.13c	-2.628522e-02	-1.316100e-02	4.237321e-02	-1.599053e-02
## SPAC1002.15c	-6.317065e-04	-1.388772e-04	4.507536e-04	-1.195780e-03
## SPAC1002.14	-1.764009e-03	-3.964529e-04	-1.344217e-03	2.230332e-03

## SPAC1002.16c	-4.152520e-05	4.154787e-06	-1.477054e-04	-7.555873e-06
## SPAC1002.17c	-6.743015e-03	2.390871e-03	1.753808e-02	7.871563e-03
## SPAC1002.18	-5.989674e-03	1.333850e-03	1.336793e-02	5.149962e-03
## SPAC1399.05c	-1.041259e-03	-4.646483e-04	1.398079e-04	-8.423871e-04
## SPNCRNA.764	1.286613e-04	-2.062866e-04	-2.683357e-04	-1.446784e-05
## SPNCRNA.178	-8.366351e-05	-2.517853e-05	-8.634285e-05	-1.195978e-04
## SPAC1399.02	-1.121909e-03	-9.167692e-05	9.931648e-04	-9.585364e-04
## SPAC1399.06	-1.144184e-04	-2.124345e-05	5.501225e-05	2.589630e-05
## SPAP11E10.01	-1.675288e-03	-8.975473e-04	2.185760e-03	6.453117e-05
## SPAPB1A10.03	-1.367515e-04	-1.716566e-04	1.989574e-04	7.087915e-05
## SPAPB1A10.16	-4.383059e-04	-1.888022e-04	9.624788e-04	-8.013989e-04
## SPAPB1A10.04c	-3.702310e-04	-4.782874e-04	1.078132e-03	-5.802171e-04
## SPNCRNA.765	-6.869341e-05	7.052028e-05	3.964311e-04	1.480244e-04
## SPAPB1A10.05	-8.214092e-04	1.162961e-04	7.585348e-04	2.324472e-04
## SPNCRNA.766	9.575033e-05	-1.400229e-04	-4.286984e-05	-1.866631e-04
## SPAPB1A10.09	-5.788950e-04	1.205398e-04	5.192979e-04	-4.909715e-04
## SPAPB1A10.13	-2.377828e-04	-1.565349e-04	7.298954e-04	1.048317e-04
## SPAPB1A10.14	-5.006483e-04	2.252366e-04	5.273632e-04	-6.798845e-04
## SPAPB1A10.15	6.216518e-05	-7.778624e-05	2.701602e-04	2.647923e-04
## SPAC140.01	-8.169788e-03	6.722658e-04	5.344403e-03	2.616544e-03
## SPAC140.03	-1.281551e-04	-4.159289e-04	8.898154e-04	4.549673e-04
## SPNCRNA.182	-3.049595e-06	5.426095e-07	-4.526284e-06	-2.180348e-07
## SPNCRNA.772	-1.856870e-06	1.205047e-05	-5.383990e-05	-8.431886e-06
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	-1.865721e-04	-1.872570e-05	-8.550367e-05	-2.913210e-04
## SPAC110.01	-1.610892e-03	5.237562e-04	-1.739929e-03	-4.219399e-03
## SPAC110.03	-3.290724e-03	-3.090549e-03	3.134407e-03	-3.106998e-03
## SPNCRNA.774	-3.824533e-05	-3.381425e-05	2.963671e-04	2.871474e-04
## SPAC3H1.01c	-5.807975e-04	1.073136e-04	4.499400e-03	3.644698e-04
## SPAC3H1.02c	-3.834674e-03	-2.139335e-04	1.941508e-03	-2.206191e-03
## SPAC3H1.04c	-1.597375e-03	4.579161e-04	2.716255e-03	-4.547152e-04
## SPAC3H1.05	-2.957795e-03	-1.818103e-03	5.829660e-05	1.183483e-03
## SPAC3H1.06c	-3.487729e-03	1.794568e-04	4.572372e-04	-2.938370e-03
## SPAC3H1.07	-2.898817e-02	-1.108422e-02	2.481360e-03	-2.446120e-02
## SPAC3H1.09c	-2.624280e-03	9.041274e-05	1.561846e-03	-3.704964e-04
## SPNCRNA.777	-1.347514e-04	-1.813263e-04	-2.475443e-04	-4.990188e-04
## SPNCRNA.781	-1.252971e-04	-7.486456e-05	-2.498313e-04	-1.082384e-04
## SPNCRNA.783	-5.218621e-05	2.110110e-05	-1.016412e-05	-1.928276e-04
## SPNCRNA.784	-3.497038e-06	-1.961386e-05	-2.969293e-05	-5.639535e-05
## SPAC3H1.12c	-6.402916e-04	3.897174e-04	1.167539e-03	-1.164869e-03
## SPAC3H1.13	-2.562549e-04	-2.811954e-04	1.146495e-03	5.352849e-04
## SPNCRNA.530	3.247124e-03	-3.843111e-03	6.619443e-05	9.664307e-03
## SPAC9G1.14	4.742470e-05	4.165262e-06	-7.494491e-06	3.906404e-06
## SPAC9G1.02	-5.221131e-03	8.708352e-04	6.934930e-03	-5.312365e-03
## SPAC9G1.03c	-8.092688e-03	-2.200345e-02	-1.561061e-02	-2.244107e-03
## SPAC9G1.04	-1.946556e-03	-5.189657e-04	2.324915e-03	-1.577740e-03
## SPAC9G1.08c	-4.192892e-04	-6.835618e-05	7.935660e-04	4.729549e-04
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	-5.614462e-04	-3.172054e-05	1.157952e-03	-3.969175e-04
## SPAC9G1.10c	-8.046967e-04	1.594853e-04	1.494885e-03	-7.420414e-04
## SPAC9G1.13c	-7.350235e-04	-2.826373e-04	9.339986e-04	-6.780175e-04
## SPNCRNA.785	2.177935e-04	-2.461199e-04	8.775166e-05	1.169875e-06
## SPAC17H9.02	-1.173032e-03	-1.199535e-03	2.848952e-03	-7.421831e-04
## SPAC17H9.03c	-4.574107e-04	-1.414703e-04	5.301404e-04	-1.129768e-04

## SPAC17H9.04c	1.235767e-03	-8.995233e-03	7.819675e-03	-1.253782e-03
## SPNCRNA.787	-4.234077e-06	-1.760149e-06	-3.762325e-06	4.025568e-06
## SPAC17H9.09c	-6.739335e-04	1.963975e-05	1.578122e-03	1.054490e-03
## SPAC17H9.10c	-3.299307e-03	-4.569287e-04	5.264278e-03	-4.008242e-03
## SPAC17H9.12c	-4.043492e-04	-4.372776e-04	4.151838e-04	-2.929015e-04
## SPAC17H9.13c	-2.534658e-03	-1.424018e-03	3.532305e-03	-3.379322e-04
## SPAC17H9.14c	-3.688842e-03	-3.493886e-03	4.343923e-03	1.230187e-02
## SPNCRNA.184	-1.015033e-05	5.751107e-05	6.295902e-05	-6.097772e-05
## SPAC17H9.16	7.164037e-05	-2.006178e-03	6.750382e-04	1.810700e-03
## SPAC17H9.17c	-4.011246e-04	-6.843150e-05	4.986804e-04	-4.520892e-04
## SPAC17H9.20	-1.635519e-03	-2.178632e-04	2.311420e-03	-2.085695e-03
## SPAC607.03c	1.799664e-03	-1.625907e-02	-1.793220e-02	-5.179840e-03
## SPNCRNA.185	5.546895e-06	-4.729667e-06	3.915250e-06	-2.698827e-06
## SPAC607.04	-3.820147e-04	-6.316017e-04	6.702821e-04	1.091316e-04
## SPAC607.05	-4.769089e-03	-1.293455e-03	4.095106e-03	2.344624e-03
## SPAC607.06c	-1.164436e-03	-6.789275e-05	1.621426e-03	-8.050150e-04
## SPAC607.09c	-1.537658e-03	8.957513e-04	-8.699770e-04	-7.362781e-04
## SPAC732.01	-7.320687e-04	-9.929996e-04	3.881875e-04	8.967333e-05
## SPAC732.02c	-2.176105e-03	3.823981e-04	2.375966e-03	-3.088537e-04
## SPAC3C7.02c	-2.286081e-04	1.982874e-06	3.563245e-04	-3.391233e-04
## SPNCRNA.791	-8.558629e-07	2.586217e-05	3.402503e-05	-3.657904e-06
## SPAC3C7.08c	-3.696325e-04	-1.427978e-02	9.573592e-03	-5.911060e-03
## SPAC3C7.09	-5.896988e-04	-8.528514e-05	3.080451e-04	-1.697978e-04
## SPNCRNA.793	-2.857460e-04	-7.617735e-05	2.801444e-05	2.297990e-04
## SPNCRNA.794	-5.012193e-05	-1.158184e-04	-3.132867e-04	1.504577e-04
## SPAC25A8.03c	-4.035705e-04	-2.538008e-04	7.358022e-04	-6.267529e-04
## SPAC25A8.02	-9.201796e-04	3.063809e-04	-4.071048e-04	-3.517401e-06
## SPAC631.02	-1.750849e-03	-2.038846e-03	-9.151242e-03	1.586885e-03
## SPAC20H4.02	-1.128281e-03	5.025946e-04	1.005537e-03	7.801650e-04
## SPAC20H4.03c	-7.799206e-04	-9.524979e-04	2.092352e-03	5.471171e-04
## SPAC20H4.04	-3.153200e-04	-7.040190e-05	4.499517e-04	-4.304881e-04
## SPAC20H4.08	-1.115667e-03	-2.212551e-04	1.272495e-03	-1.297701e-03
## SPAC20H4.09	-9.304592e-04	-1.331313e-04	7.249081e-04	-1.159045e-03
## SPNCRNA.797	-6.588013e-05	1.024477e-05	-1.151211e-04	7.790157e-06
## SPAC20H4.10	-3.598161e-03	3.305613e-04	3.713316e-03	-9.890765e-04
## SPAC23C11.01	-1.315586e-03	1.242479e-04	1.136051e-03	-1.813380e-03
## SPAC23C11.03	1.203597e-03	-2.638636e-03	1.738590e-03	-2.106809e-03
## SPAC23C11.04c	-2.819483e-04	1.572167e-04	4.515678e-04	-5.206615e-04
## SPAC23C11.05	-1.679530e-02	-1.755607e-02	-9.847717e-04	-9.156574e-03
## SPAC23C11.08	-3.155608e-04	2.157107e-04	1.975880e-04	-4.008061e-04
## SPNCRNA.799	-3.188637e-05	-6.001185e-05	8.431663e-06	5.848487e-05
## SPAC23C11.09	-1.059038e-02	-1.829949e-02	1.106627e-03	-1.782659e-03
## SPAC23C11.10	-1.688934e-04	1.435262e-05	1.861820e-05	-4.936427e-04
## SPAC23C11.11	-2.025710e-03	-1.808574e-03	3.262977e-03	-3.799876e-03
## SPNCRNA.800	4.034370e-04	-2.212975e-04	6.177762e-05	6.083887e-04
## SPAC23C11.14	-4.032943e-03	-4.102228e-03	2.096933e-04	-6.882839e-03
## SPAC23C11.15	-2.799297e-03	-9.631067e-05	3.420714e-03	-1.010990e-03
## SPAC23C11.17	-7.369271e-03	1.290612e-03	6.300970e-03	1.857798e-03
## SPAC13F5.01c	-4.411953e-04	1.277674e-04	1.236004e-03	-7.677897e-04
## SPAC13F5.02c	-1.287529e-03	-3.316026e-04	3.810674e-04	-1.006460e-03
## SPNCRNA.801	-1.198572e-04	-4.380226e-05	2.438956e-04	1.001135e-05
## SPAC13F5.06c	-1.805683e-03	3.870033e-04	2.036569e-03	-5.122289e-04
## SPNCRNA.802	-6.362899e-05	3.227294e-05	1.618292e-05	2.462809e-05
## SPAC13F5.07c	-1.776043e-04	1.387289e-04	3.678109e-04	5.970279e-07

## SPAC1783.02c	-1.002439e-03	-6.352979e-04	1.277193e-03	-4.697846e-04
## SPAC1783.04c	-8.065562e-04	2.121643e-04	9.577317e-04	-4.815691e-04
## SPNCRNA.803	8.226846e-05	-2.650095e-05	-3.721368e-05	-8.661701e-06
## SPAC1783.06c	-8.706088e-05	-4.043325e-06	1.922303e-04	-1.621664e-05
## SPNCRNA.804	-6.753971e-05	-9.104762e-05	8.950392e-05	-1.636392e-05
## SPAC1783.07c	-8.123296e-03	1.939988e-03	-4.046782e-04	-2.062807e-03
## SPAC1783.08c	-1.663992e-02	-2.874154e-02	-2.683919e-02	-1.140938e-02
## SPAC1327.01c	-1.297886e-03	6.365906e-04	8.166253e-04	-2.688061e-03
## SPAC18G6.01c	-4.690509e-04	-1.800618e-04	2.314976e-03	1.519180e-03
## SPAC18G6.02c	-9.578675e-04	1.718636e-04	1.254530e-03	1.247267e-05
## SPATRNAVAL.03	-8.339157e-03	2.402213e-03	4.906668e-03	1.819454e-03
## SPAC18G6.04c	-1.803137e-03	-3.499891e-03	-1.094289e-03	-6.716049e-04
## SPAC18G6.05c	-8.378482e-03	-3.404477e-03	8.455274e-03	-1.037712e-02
## SPAC18G6.06	-2.160526e-04	-6.338091e-04	8.921341e-04	-7.260164e-04
## SPAC18G6.07c	-7.546336e-04	-2.969875e-03	8.288503e-04	-3.375671e-03
## SPAC18G6.09c	-2.800291e-03	9.300687e-04	-1.154437e-03	1.930738e-04
## SPAC18G6.10	-9.917935e-04	1.137618e-04	7.655610e-04	-1.024610e-03
## SPAC18G6.11c	-8.286081e-04	-3.058253e-03	3.504044e-03	-2.045470e-03
## SPAC18G6.12c	-8.409906e-04	-1.784348e-06	4.383475e-04	-2.711944e-04
## SPNCRNA.806	-8.115323e-06	-2.375928e-05	1.587720e-04	3.905070e-05
## SPAC18G6.13	9.396176e-05	-1.299021e-04	2.166063e-04	5.584388e-04
## SPAC18G6.14c	-1.992962e-02	-3.863941e-02	-2.527391e-02	-1.393677e-02
## SPAC13D6.02c	-5.352279e-03	-7.342343e-03	7.684774e-05	-8.557807e-03
## SPNCRNA.189	6.640355e-05	-4.238843e-05	-5.974376e-05	-2.549339e-06
## SPATRNNAGLY.02	-2.988362e-03	3.836869e-04	5.512087e-04	8.188888e-04
## SPAC13D6.04c	-2.397159e-04	4.043800e-04	2.172923e-04	-3.196273e-04
## SPAC13D6.05	-4.543449e-04	1.986324e-04	3.617705e-04	8.390669e-04
## SPAC4G9.02	-2.891576e-04	-2.867635e-04	8.843383e-04	-2.036206e-04
## SPAC4G9.07	-4.472573e-05	3.867280e-05	1.165878e-04	-4.615222e-05
## SPAC4G9.08c	-3.991540e-04	-1.880905e-03	2.158349e-03	-2.563871e-03
## SPAC4G9.13c	-1.657980e-04	-9.171981e-05	7.278528e-04	2.063675e-04
## SPAC4G9.16c	-6.263443e-03	-3.216726e-02	-2.909389e-02	-2.056220e-03
## SPAC4G9.17c	-9.665898e-04	-5.086534e-04	6.655136e-04	-3.184639e-04
## SPAC4G9.22	-1.374857e-03	-8.885950e-04	-2.036893e-03	2.679045e-03
## SPNCRNA.811	-3.621894e-05	-4.488858e-06	-1.070054e-05	-2.078635e-06
## SPNCRNA.190	8.334754e-05	4.769968e-07	9.694985e-05	1.600726e-04
## SPAC13G7.07	-1.604970e-04	1.000408e-04	3.627044e-04	-2.803510e-04
## SPAC13G7.08c	-1.025361e-03	-3.885883e-03	9.723579e-04	-3.186152e-03
## SPAC13G7.09c	-5.405414e-04	4.771999e-04	6.692828e-04	3.370339e-05
## SPAC13G7.11	-1.202552e-03	-3.019823e-04	-6.034294e-04	-1.267892e-04
## SPAC6C3.02c	-9.832530e-03	-1.682180e-03	-1.100962e-03	-2.564318e-03
## SPAC6C3.04	-1.032491e-02	-2.839421e-04	-1.481671e-03	-1.229596e-03
## SPNCRNA.814	6.312148e-05	5.240271e-05	8.857975e-06	3.718147e-05
## SPAC6C3.06c	-2.874580e-03	-1.946759e-03	6.064596e-03	-3.706490e-03
## SPAC6C3.07	2.933162e-05	-5.402640e-07	6.621222e-05	9.542557e-05
## SPAC17G8.01c	-1.621248e-03	-8.116453e-04	1.693474e-03	-8.952541e-04
## SPAC17G8.02	-1.563077e-03	-2.732890e-04	3.684635e-04	2.793611e-04
## SPAC17G8.05	-2.093612e-04	-1.474952e-04	8.141512e-04	7.441096e-05
## SPAC17G8.07	-1.284967e-03	-4.639607e-05	9.738655e-04	-7.613825e-04
## SPAC17G8.09	-1.333501e-04	-1.538037e-04	-2.309908e-05	-2.693021e-04
## SPAC17G8.10c	-1.071006e-03	4.374853e-04	-2.635153e-04	3.119634e-04
## SPNCRNA.817	1.691954e-05	-1.998574e-05	-2.078933e-05	5.883790e-05
## SPAC17G8.12	-1.745035e-03	6.309339e-04	4.996904e-04	-7.907421e-05
## SPNCRNA.192	-7.010520e-06	-4.575425e-06	-1.038189e-05	-3.336104e-05

## SPNCRNA.819	-8.139371e-06	-5.170416e-07	7.167947e-06	-9.600851e-05
## SPAC22H10.03c	-2.988947e-03	-5.600622e-04	5.466770e-04	-1.592317e-03
## SPNCRNA.821	-6.679465e-05	1.280377e-06	7.313779e-05	5.748452e-05
## SPAC22H10.13	-3.471354e-03	1.541562e-03	4.593415e-03	3.067772e-03
## SPAC22H10.09	-1.757767e-03	1.414975e-04	2.044817e-03	-1.447229e-03
## SPAC22H10.10	7.296847e-05	-4.614267e-04	3.575478e-04	-5.425147e-04
## SPAC15F9.02	-4.088532e-04	-1.197289e-03	5.035180e-04	9.336719e-04
## SPAC15F9.03c	-2.230605e-03	-3.738237e-03	-2.118163e-03	2.022210e-03
## SPAC1B9.02c	-5.068983e-03	4.852215e-04	3.809257e-04	1.700594e-03
## SPAC1B9.03c	1.050241e-03	-3.333901e-03	1.581835e-03	-4.121759e-04
## SPAC6B12.03c	-5.073909e-04	5.643289e-04	-1.106970e-03	-4.363888e-04
## SPAC6B12.18	6.513415e-04	4.562727e-04	6.646852e-04	-8.149479e-04
## SPAC6B12.07c	-1.022693e-02	3.311525e-03	-1.415423e-02	2.282991e-03
## SPAC6B12.08	-1.012719e-03	4.479036e-04	5.226565e-05	-3.216202e-04
## SPAC6B12.13	-8.086361e-04	-1.753841e-04	1.653913e-03	7.028336e-04
## SPNCRNA.195	4.538034e-05	8.177937e-06	-1.037711e-05	9.930548e-06
## SPAC6B12.15	-3.945316e-02	-5.682944e-02	-2.976942e-02	-3.572589e-02
## SPATRNLALYS.03	-4.939661e-04	-2.304894e-05	8.328966e-05	4.563723e-04
## SPAC32A11.02c	-3.837002e-02	3.093138e-02	-7.585443e-02	-2.047692e-03
## SPNCRNA.828	-6.373414e-04	3.614399e-04	-6.665443e-04	1.561160e-03
## SPNCRNA.829	-3.302741e-05	-7.110657e-05	1.874632e-05	3.347436e-06
## SPAC19A8.13	-1.731117e-03	5.188576e-05	6.218048e-05	-1.031911e-05
## SPAC19A8.12	-3.988201e-04	1.004741e-04	2.433243e-04	1.420874e-05
## SPAC19A8.11c	-2.258921e-04	-1.000250e-04	9.842069e-04	1.551190e-04
## SPAC19A8.10	-2.690471e-04	-4.001640e-04	1.152146e-03	1.028061e-03
## SPAC19A8.09	-3.882497e-04	2.642018e-04	1.244453e-06	6.275569e-05
## SPAC19A8.08	-1.950033e-03	9.128551e-05	1.220682e-03	-2.738601e-03
## SPNCRNA.286	5.545203e-06	-2.624027e-06	2.093359e-05	1.586610e-06
## SPAC19A8.07c	3.193319e-04	-1.424031e-03	2.098607e-03	-1.776265e-03
## SPAC19A8.05c	-1.982200e-03	7.105144e-04	3.028990e-04	9.683735e-04
## SPAC19A8.04	-5.441205e-03	-4.844929e-03	-1.543545e-03	-3.587151e-03
## SPAC19A8.03	-1.451360e-03	-6.446284e-04	1.957167e-03	1.101090e-03
## SPAC19A8.02	-3.350644e-03	2.502206e-04	5.842075e-04	-2.269589e-03
## SPAC19A8.01c	-2.257560e-03	5.273830e-04	1.078562e-03	-1.340789e-03
## SPAC23H3.04	-9.153644e-05	1.739249e-04	1.639376e-04	6.904042e-05
## SPAC23H3.05c	-1.080293e-03	-5.429038e-04	7.305608e-04	-1.238540e-03
## SPAC23H3.06	-2.391135e-03	-9.685695e-05	1.119179e-03	-9.382456e-04
## SPAC23H3.08c	-2.807251e-04	8.887476e-05	1.782681e-04	-2.404857e-04
## SPAC23H3.13c	-1.158527e-03	3.721443e-04	-2.933356e-04	-2.338750e-03
## SPNCRNA.197	-6.612271e-06	-1.161659e-05	1.734998e-05	-1.437836e-05
## SPNCRNA.831	-2.561021e-06	-1.227735e-06	-1.831937e-06	7.921836e-06
## SPAC23H3.15c	-1.710813e-01	1.212135e-01	-2.851235e-01	-4.335949e-02
## SPNCRNA.833	-2.544202e-04	-8.555542e-06	4.523979e-05	-4.980075e-04
## SPAC25H1.04	-1.027462e-03	-2.748075e-04	-2.009496e-03	4.707479e-04
## SPAC25H1.05	-1.663210e-03	2.627680e-04	5.947522e-05	-1.650791e-03
## SPAC25H1.06	-1.558166e-03	1.920266e-06	1.222300e-03	-1.477272e-03
## SPAC25H1.07	-8.408812e-03	-1.808579e-03	3.737309e-03	-7.117464e-03
## SPAC25H1.08c	-6.395056e-04	-2.281820e-03	2.181967e-04	-1.507661e-03
## SPAC4A8.04	-1.031707e-02	5.301285e-03	-6.739335e-03	-2.252266e-03
## SPAC4A8.05c	-3.011843e-03	2.913203e-03	8.236119e-03	-6.117592e-03
## SPNCRNA.836	-2.069975e-04	-7.471297e-05	1.427128e-04	-3.623348e-04
## SPNCRNA.837	-2.187566e-06	1.254238e-04	5.279915e-05	-4.245942e-04
## SPAC4A8.07c	-1.180015e-03	-1.085061e-03	1.996545e-03	-1.708366e-03
## SPAC4A8.08c	-1.073438e-03	-6.877229e-04	3.547461e-03	1.291918e-04

## SPNCRNA.838	-4.177191e-05	1.483085e-04	-1.773941e-04	-5.919075e-04
## SPSNRNA.06	-1.886864e-02	3.490159e-03	9.636888e-03	1.332189e-02
## SPAC4A8.10	-3.468504e-03	-7.690555e-04	-2.425636e-03	1.177242e-03
## SPNCRNA.839	-2.284894e-05	1.126738e-05	2.343081e-04	1.118316e-04
## SPAC4A8.12c	-7.115448e-04	-5.049889e-04	1.447624e-03	3.407403e-04
## SPAC4A8.14	-3.239291e-03	-5.092791e-04	1.588619e-03	-7.067582e-04
## SPATRNAILE.02	-1.820569e-02	-1.215493e-03	-3.928599e-03	7.456507e-03
## SPAC823.03	-7.062002e-03	2.521993e-03	-6.361972e-03	1.983619e-03
## SPAC823.07	-1.639872e-03	-6.470194e-05	4.065003e-04	-4.493180e-04
## SPNCRNA.199	-1.687843e-05	5.882027e-05	-4.333009e-05	-5.506757e-05
## SPAC823.11	-1.676727e-03	-1.704426e-03	7.111528e-04	-4.403491e-04
## SPAC823.12	-3.007214e-03	-8.185750e-04	-2.405864e-04	-5.522472e-04
## SPAC823.13c	-6.000192e-04	2.419422e-05	1.029475e-03	-6.357161e-04
## SPAC823.14	-2.973210e-04	-2.497040e-03	-9.782743e-04	2.830487e-03
## SPNCRNA.841	-4.765926e-04	2.057141e-04	-3.496751e-04	-1.039849e-04
## SPAC823.16c	-7.899602e-04	8.033735e-05	1.206935e-04	4.736358e-05
## SPAC7D4.14c	-6.699099e-04	2.750364e-04	4.917320e-04	-1.276016e-03
## SPAC7D4.11c	-1.034925e-03	-9.181314e-05	2.793553e-03	-2.879891e-04
## SPAC7D4.09c	-2.356108e-04	-4.140103e-05	3.969063e-04	-9.693655e-04
## SPAC7D4.08	-7.344094e-05	1.240445e-04	-6.032363e-05	-1.363107e-04
## SPAC7D4.06c	-1.625456e-03	2.666406e-05	1.720990e-03	-8.893254e-04
## SPAC7D4.04	-2.429961e-03	3.009745e-04	2.458145e-03	-3.592112e-03
## SPAC7D4.03c	-4.487885e-03	-1.668179e-05	2.229750e-04	1.216378e-03
## SPAC4F8.15	-4.846723e-03	-8.784115e-04	3.561506e-03	-2.525282e-04
## SPAC4F8.14c	-9.052712e-03	-6.373940e-03	1.452583e-03	-4.388317e-03
## SPNCRNA.843	-2.232245e-05	2.289616e-05	-4.450502e-05	-4.597681e-05
## SPAC4F8.12c	-6.386844e-03	4.750630e-04	1.041082e-02	-5.869571e-03
## SPNCRNA.326	-9.335862e-06	-3.785429e-06	7.131936e-06	2.468265e-06
## SPAC4F8.10c	-5.758313e-04	5.964149e-05	5.638906e-04	4.129938e-04
## SPNCRNA.200	-1.791416e-05	-2.556986e-05	-1.753368e-06	-3.005174e-05
## SPAC4F8.07c	-5.111656e-02	-2.905804e-02	4.356734e-03	-1.787657e-02
## SPAC4F8.03	-4.960853e-04	1.277555e-04	-1.373212e-04	-8.186295e-04
## SPAC4F8.02c	-2.777780e-04	2.435349e-04	2.857819e-04	8.669013e-05
## SPAC4F8.01	-1.394405e-04	2.402128e-04	3.985722e-04	-1.614127e-04
## SPAC644.04	-3.342294e-04	-2.777939e-04	1.655716e-03	-3.729272e-04
## SPAC644.05c	4.854735e-04	-9.104327e-04	-2.327543e-04	-2.443360e-03
## SPAC644.08	-7.786778e-04	2.782048e-04	2.037979e-03	7.405846e-04
## SPAC644.11c	-9.120503e-04	-6.126039e-04	2.358380e-03	1.462655e-04
## SPNCRNA.202	-2.047869e-06	1.876575e-06	8.678034e-06	-3.738026e-07
## SPAC644.14c	-1.039295e-03	5.973982e-05	1.030858e-03	-5.633836e-04
## SPAC644.15	-1.019125e-03	-1.773195e-02	-1.151851e-02	-1.056886e-02
## SPAC644.16	-1.508980e-03	-1.470033e-03	1.904974e-03	-1.410041e-03
## SPNCRNA.845	-3.644322e-05	4.747602e-05	7.049311e-05	7.656037e-05
## SPAPB2B4.02	-8.637937e-04	-8.095383e-04	1.340929e-03	1.136001e-03
## SPAPB2B4.03	-2.195398e-03	2.085104e-03	3.760847e-03	-7.329665e-03
## SPAPB2B4.04c	-7.142174e-03	2.174378e-03	-2.133513e-03	3.059677e-03
## SPAC6F6.02c	-9.878019e-04	-1.177980e-04	8.139617e-04	3.035440e-04
## SPAC6F6.03c	3.577607e-03	-6.052671e-03	5.467157e-03	2.215634e-03
## SPAC6F6.04c	-1.196927e-03	-2.635625e-04	-1.718042e-05	-9.507158e-04
## SPNCRNA.848	-6.241325e-05	1.985562e-06	1.021065e-04	4.663736e-06
## SPAC6F6.08c	-1.488317e-04	6.176679e-05	1.178538e-04	-1.886772e-04
## SPAC6F6.09	-6.549584e-04	1.069135e-04	8.529742e-05	-3.187194e-04
## SPAC6F6.10c	-3.457677e-03	-1.897938e-04	2.410253e-03	1.909666e-04
## SPAC6F6.11c	-5.166088e-04	-3.821206e-04	1.437501e-04	-7.238090e-04

## SPNCRNA.849	6.828937e-05	9.382924e-06	2.224898e-04	-1.170523e-05
## SPAC6F6.13c	-1.760133e-03	2.057830e-04	1.017186e-03	-1.533092e-03
## SPAC6F6.17	-2.995123e-03	-2.363009e-03	7.964347e-03	-3.601018e-03
## SPNCRNA.852	3.473250e-06	2.688661e-06	-3.975580e-05	1.493730e-05
## SPAC1805.03c	-6.424755e-05	-1.623110e-04	6.035013e-04	-8.241010e-05
## SPAC1805.04	-2.529606e-03	-9.041144e-04	2.661861e-03	-1.364533e-03
## SPAC1805.05	-3.539187e-03	-3.483966e-03	5.060171e-03	7.959227e-04
## SPSNORNA.52	2.272192e-04	-4.305617e-04	-1.546805e-03	2.097830e-04
## SPAC1805.11c	-1.002419e-02	-1.262473e-02	-9.546661e-03	-1.314466e-02
## SPAC1805.14	-1.722579e-03	6.140217e-05	2.201793e-03	-1.949960e-03
## SPAC1805.15c	-3.524434e-04	-4.250011e-05	6.331034e-04	-2.284373e-04
## SPAC1805.16c	-1.204100e-03	-3.146948e-04	9.341011e-04	1.099301e-04
## SPNCRNA.208	-2.781353e-06	-4.311770e-06	1.709079e-06	-9.254657e-06
## SPAC1805.17	-8.244815e-03	-3.068706e-03	1.307412e-02	-3.056603e-03
## SPAC1B2.06	8.279154e-05	-3.650650e-04	2.756140e-04	5.883250e-05
## SPAC3F10.02c	-2.987139e-03	-7.669915e-04	2.937619e-03	-1.253908e-03
## SPAC3F10.05c	-9.345217e-04	2.422380e-04	1.721164e-03	-3.854116e-04
## SPAC3F10.07c	-9.815377e-05	1.886976e-05	2.917858e-04	-1.497623e-05
## SPAC3F10.19	-8.024604e-04	-2.270946e-04	2.203517e-04	4.202521e-04
## SPAC3F10.08c	1.008281e-04	-9.007238e-05	1.137963e-03	-2.774319e-04
## SPAC3F10.10c	-3.241344e-04	-4.819234e-05	2.861135e-04	-3.166291e-04
## SPAC3F10.12c	-1.189973e-03	5.271478e-04	1.255945e-03	-7.384468e-04
## SPAC8F11.02c	-3.596746e-04	-4.842383e-04	1.613859e-03	1.027532e-03
## SPAC8F11.05c	-2.157537e-05	6.230299e-05	8.043668e-05	-1.483902e-04
## SPAC8F11.06	-3.352040e-04	8.226942e-05	6.125051e-04	2.597166e-04
## SPAC8F11.07c	-3.346752e-04	-2.626243e-06	1.022691e-03	-5.282561e-04
## SPAC8F11.10c	-4.370493e-03	-1.297484e-03	4.868553e-03	-4.128302e-03
## SPACUNK4.13c	-1.617330e-04	-2.243023e-04	6.576879e-04	2.298881e-05
## SPACUNK4.10	-3.685229e-03	4.884770e-04	3.252766e-03	6.885191e-04
## SPNCRNA.858	-4.691977e-05	1.269558e-05	6.465471e-05	-8.252920e-05
## SPACUNK4.07c	-3.604998e-03	-3.484058e-03	2.035327e-03	-4.896526e-03
## SPACUNK4.06c	-6.439290e-04	-9.063472e-04	3.209126e-03	-1.468634e-03
## SPAC513.01c	-8.066290e-03	-9.811671e-03	-3.334352e-03	-1.101854e-02
## SPAC513.02	-9.878372e-04	1.182774e-03	-1.303273e-03	-9.432858e-04
## SPAC513.03	1.606430e-04	-1.598620e-04	1.002486e-04	4.627917e-04
## SPAC513.05	-3.682339e-03	1.102023e-03	6.444634e-03	3.382646e-03
## SPAC2E1P3.01	-5.954219e-03	3.191880e-03	6.839745e-03	5.601789e-03
## SPNCRNA.859	-6.228101e-05	7.489025e-05	-3.399817e-05	-2.444735e-04
## SPAC2E1P3.04	-3.742057e-03	-1.385884e-03	3.820226e-03	3.668041e-04
## SPAPB2C8.01	-3.466412e-03	-2.238311e-03	-3.520109e-04	-5.546671e-03
## SPNCRNA.864	2.776681e-05	-1.088430e-04	8.262543e-06	1.618116e-04
## SPAPB24D3.05c	-1.069138e-04	6.303433e-05	1.277882e-05	4.031828e-05
## SPAPB24D3.06c	-8.552038e-04	-5.751617e-04	4.407441e-04	2.384228e-04
## SPNCRNA.865	-1.178494e-04	-3.767589e-05	-1.551367e-04	-2.084898e-04
## SPAPB24D3.08c	-3.689479e-03	4.064197e-03	7.409524e-03	-1.750250e-03
## SPNCRNA.866	-7.789290e-04	9.210052e-04	1.242149e-03	-1.129403e-03
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-4.752088e-05	-4.391298e-05	-5.140066e-05	-1.808582e-05
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-2.178771e-04	7.062167e-05	1.788743e-04	1.475759e-04
## SPAPB1A11.03	-2.678413e-03	1.708873e-03	-6.197275e-04	2.051661e-05
## SPAC31G5.01	-1.191961e-03	-3.022316e-05	1.635532e-03	1.123463e-03
## SPAC31G5.03	-6.486524e-03	-1.796808e-02	-1.586074e-02	-7.154055e-03
## SPAC31G5.05c	-4.170001e-03	-2.799391e-03	-1.564944e-04	6.741105e-04

## SPAC31G5.07	-2.405724e-04	5.230827e-05	-2.808556e-04	9.914762e-05
## SPAC31G5.09c	-2.149278e-04	1.931316e-04	2.736423e-04	-2.086612e-04
## SPNCRNA.872	1.369910e-05	-2.216626e-05	-6.328027e-05	1.832731e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-1.076341e-04	1.577267e-04	2.119785e-04	-1.063575e-04
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	-2.678740e-05	-1.545762e-05	-3.425182e-05	-2.768463e-05
## SPAC31G5.12c	-8.834308e-04	3.214649e-04	-1.710385e-03	1.042343e-04
## SPAC31G5.13	-7.380204e-03	-1.858487e-03	5.176274e-03	6.473116e-03
## SPNCRNA.875	-4.844760e-05	-6.224975e-05	1.341647e-04	-1.215347e-04
## SPAC31G5.15	-1.012365e-03	2.475977e-04	1.550025e-03	-1.002658e-03
## SPAC31G5.17c	-8.075819e-03	-2.807956e-02	-1.429465e-02	1.649645e-04
## SPAC1786.01c	-9.354361e-03	-7.831369e-04	-9.363337e-03	-1.399473e-03
## SPAC1786.04	6.369915e-06	-7.154628e-06	-4.954004e-06	-1.291928e-05
## SPNCRNA.878	-1.741905e-05	2.790008e-05	1.227910e-04	3.999952e-05
## SPAC24C9.03	-1.440424e-04	-1.993521e-03	-6.638006e-04	-7.605539e-04
## SPAC24C9.16c	-2.412910e-04	3.096865e-04	1.744389e-04	1.582795e-04
## SPATRNASER.02	-2.334654e-03	7.735768e-04	1.822497e-03	3.698759e-03
## SPAC24C9.06c	-3.450885e-02	-1.277716e-03	1.542350e-02	1.402052e-02
## SPNCRNA.879	-4.836275e-05	4.938732e-06	-2.681091e-05	-4.199233e-05
## SPNCRNA.880	-2.297344e-04	-1.513795e-04	-2.561710e-05	-1.221466e-04
## SPNCRNA.212	3.568035e-05	-2.160571e-05	-7.903734e-06	4.385791e-05
## SPAC24C9.09	-1.314405e-03	7.296906e-04	1.494322e-03	5.396205e-04
## SPAC24C9.13c	-3.184816e-04	3.084046e-05	1.253823e-04	-2.548310e-04
## SPAC24C9.14	-2.860075e-03	4.162263e-04	5.943714e-04	-5.987604e-04
## SPNCRNA.883	-3.096551e-05	2.348698e-05	-1.641242e-05	-7.135112e-05
## SPAC24C9.15c	3.265858e-05	-7.954785e-06	4.195836e-05	9.100383e-05
## SPAC16A10.01	-4.993211e-03	2.270871e-03	-6.491159e-03	9.370736e-04
## SPAC16A10.03c	-1.218860e-03	-3.128579e-04	2.938875e-03	-1.220383e-03
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-1.050967e-05	9.685908e-06	1.167526e-05	1.882311e-05
## SPAC16A10.04	-6.045754e-04	-1.371513e-05	1.305727e-03	-5.065971e-04
## SPAC589.02c	-1.068941e-03	1.442079e-04	7.056223e-04	-1.236338e-03
## SPNCRNA.886	8.313784e-05	-1.691979e-04	1.002669e-04	5.571196e-04
## SPAC589.04	-8.169318e-04	1.171392e-05	1.633363e-03	-2.383031e-04
## SPAC589.05c	-4.963153e-04	-4.638133e-05	9.738766e-04	-1.743594e-04
## SPAC589.07c	-3.783355e-04	1.056082e-04	-4.837356e-05	-2.041127e-04
## SPNCRNA.560	-6.668259e-05	-4.651468e-05	2.261263e-04	1.552902e-04
## SPAC589.09	-2.368981e-03	-4.184490e-04	-6.197788e-04	2.063885e-04
## SPAC589.10c	2.488003e-02	-2.033686e-02	-2.269147e-02	3.069368e-02
## SPAC589.12	-6.733976e-03	-5.271335e-03	4.579971e-03	2.009259e-03
## SPAC688.03c	-3.025314e-04	1.733904e-04	1.556516e-04	2.060903e-04
## SPAC688.04c	-9.808811e-03	5.060204e-03	-5.257258e-03	1.748420e-03
## SPNCRNA.887	-2.272647e-04	2.170953e-04	3.566731e-04	-8.206613e-05
## SPAC688.10	-1.232376e-03	7.813121e-04	6.859958e-04	-1.338697e-03
## SPAC688.11	-5.506028e-03	-3.100650e-04	7.536977e-03	-4.020121e-03
## SPAC688.12c	-2.103108e-04	-6.038245e-04	3.151743e-04	-1.389467e-04
## SPAC3G9.16c	-1.808099e-04	-1.384747e-04	2.917484e-05	-1.855498e-04
## SPAC3G9.14	-1.185397e-03	3.496940e-04	1.036990e-03	-1.852993e-03
## SPAC3G9.12	-1.041304e-03	4.074226e-04	3.928862e-03	-1.570201e-03
## SPATRNAALA.03	-9.400126e-04	-1.148133e-04	3.901499e-04	4.664685e-04
## SPAC3G9.10c	3.444609e-05	-3.595136e-04	7.885030e-04	-1.099361e-05
## SPRRNA.14	-6.629671e-03	5.642433e-03	4.525846e-03	-3.701147e-03
## SPAC3G9.08	-5.435296e-04	5.576951e-06	2.818375e-04	-1.655464e-03

## SPAC3G9.05	-7.151129e-04	6.513430e-04	1.455542e-03	-1.716403e-03
## SPAC3G9.04	-5.637967e-04	1.041097e-04	5.509335e-04	-5.617554e-04
## SPNCRNA.893	2.042170e-02	-1.708517e-02	-4.249910e-03	6.307403e-02
## SPNCRNA.87	4.416567e-05	1.775868e-07	1.656872e-05	4.957185e-05
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	1.171703e-04	-3.317790e-04	4.248716e-04	-4.006947e-04
## SPAC1486.02c	-1.737918e-03	-3.780497e-04	2.525359e-03	-2.318287e-04
## SPAC1486.03c	-2.105808e-04	5.883553e-04	-1.378655e-04	-4.187080e-04
## SPNCRNA.14	-2.424827e-05	1.752318e-05	-2.963449e-05	4.907354e-06
## SPAC1486.04c	-1.022680e-03	1.073450e-03	4.714639e-03	-4.451001e-03
## SPAC1486.06	-1.877145e-03	-1.675771e-03	2.172590e-03	4.848930e-04
## SPNCRNA.895	-1.495975e-05	-3.535429e-06	-4.821038e-06	-1.553950e-05
## SPAC1486.09	1.593438e-03	-2.995189e-03	1.242640e-03	3.871859e-04
## SPAC6G10.06	5.957289e-05	2.428424e-06	2.810752e-05	9.617453e-05
## SPAC6G10.11c	6.041913e-02	-4.957338e-02	-5.374133e-02	6.110492e-02
## SPAC6G10.12c	3.446670e-04	7.492481e-04	1.886423e-03	-3.828060e-04
## SPNCRNA.897	-4.044410e-05	2.935234e-05	8.648858e-05	-1.030754e-04
## SPAC6G9.01c	-2.790925e-04	1.128692e-05	1.154375e-03	5.327250e-04
## SPAC6G9.04	-1.020898e-03	3.776056e-04	1.612659e-03	-1.810169e-03
## SPAC6G9.05	-8.557636e-04	1.314574e-04	-1.620524e-05	-9.720951e-04
## SPAC6G9.06c	-1.026728e-03	1.726089e-04	2.786039e-03	-2.361398e-04
## SPNCRNA.898	-4.807471e-05	-1.864654e-05	5.543632e-05	-1.501493e-04
## SPAC6G9.07c	-2.364947e-03	5.483289e-04	2.816102e-03	5.910277e-04
## SPAC6G9.08	-3.651198e-03	-9.288509e-04	2.012408e-03	2.442861e-03
## SPAC6G9.10c	1.896882e-04	-5.461844e-03	6.185957e-03	-4.684028e-03
## SPAC6G9.11	-2.446802e-03	-1.617915e-03	1.217603e-03	-5.576467e-04
## SPAC6G9.13c	-3.192439e-05	-2.202555e-05	-2.660451e-05	-2.044196e-05
## SPAC6G9.14	-1.164201e-03	-3.194592e-04	-9.068351e-05	-1.570368e-04
## SPAC6G9.16c	-5.194559e-04	4.119704e-04	4.314500e-04	-8.633863e-05
## SPAPB1E7.02c	-5.654731e-04	3.929299e-04	6.318806e-04	-9.254865e-04
## SPAPB1E7.05	-4.653624e-03	7.092584e-04	1.364040e-03	-6.645387e-04
## SPAPB1E7.08c	-3.721067e-03	2.206695e-03	3.595829e-03	1.337359e-03
## SPAPB1E7.09	-6.736278e-03	-2.030061e-03	5.405827e-03	-4.686827e-03
## SPAPB1E7.11c	-6.896868e-04	-3.780260e-04	1.012079e-03	-1.046141e-03
## SPAPB1E7.12	-2.070670e-02	-5.616463e-02	-2.498181e-02	-3.478704e-03
## SPAPB1E7.14	-9.334929e-04	-3.484108e-05	1.244639e-03	9.236100e-04
## SPAC2E1P5.02c	-4.347856e-04	-1.633148e-05	3.320961e-04	-1.191592e-04
## SPAC2E1P5.04c	-9.682134e-04	5.072958e-06	1.192521e-03	1.873292e-04
## SPAC26A3.01	-2.221375e-02	1.207718e-03	2.249879e-02	1.229115e-04
## SPAC26A3.03c	-1.941426e-04	-2.242175e-04	4.879549e-04	-5.974451e-04
## SPAC26A3.04	-1.268390e-02	-3.364174e-02	-2.951946e-02	9.756281e-03
## SPAC26A3.06	3.739990e-04	-1.078058e-03	5.053113e-04	2.688925e-04
## SPAC26A3.07c	-9.426713e-03	-2.101841e-02	-1.748370e-02	-9.738171e-03
## SPAC26A3.12c	-2.058300e-03	-1.024258e-03	6.427662e-03	-1.579263e-03
## SPAC26A3.11	-1.349026e-03	-1.005496e-03	8.992229e-04	6.245843e-04
## SPAC26A3.14c	-2.458442e-04	3.527751e-04	3.095901e-04	2.643960e-04
## SPAC26A3.16	-6.502977e-03	-1.717205e-03	5.623112e-03	4.185395e-03
## SPAC26A3.17c	2.208897e-03	-3.593576e-03	-7.458829e-04	1.041415e-03
## SPNCRNA.902	3.237182e-05	-4.242266e-06	6.164441e-05	2.070727e-04
## SPAC8E11.10	-2.511551e-03	-7.067202e-03	5.196024e-03	-1.220895e-02
## SPAC8E11.07c	-1.198993e-04	-1.190194e-04	5.927468e-04	3.990087e-04
## SPAC8E11.05c	-1.962751e-03	-3.644417e-04	2.926761e-03	-2.360355e-04
## SPNCRNA.905	-8.537936e-05	1.218104e-04	1.326390e-04	6.847760e-05
## SPAC8E11.01c	-1.358438e-03	-6.018549e-04	1.320607e-03	-5.638233e-04

## SPAC959.04c	5.973685e-05	-2.512492e-04	8.189338e-04	5.023185e-05
## SPAC959.10	-2.569131e-04	-1.216009e-04	2.212063e-04	1.831508e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-2.700869e-05	2.184665e-05	4.732642e-04	3.087846e-05
## SPAC959.08	-1.217639e-02	-3.076429e-02	-2.755711e-02	-3.896127e-03
## SPNCRNA.907	2.263915e-04	-2.578306e-04	2.430419e-04	1.280964e-04
## SPAC3H5.12c	-1.606899e-02	-4.794593e-02	-5.454347e-02	4.387208e-04
## SPAC3H5.11	-1.078916e-03	8.127546e-05	9.632007e-04	-2.403606e-04
## SPAC3H5.13	-1.078141e-05	-1.000877e-04	5.239445e-04	-8.182295e-05
## SPAC3H5.09c	-8.133657e-03	1.412840e-03	6.154547e-03	-5.187779e-03
## SPAC3H5.07	-6.870242e-03	-2.609412e-02	-2.172608e-02	-1.272157e-02
## SPAC3H5.04	-1.040535e-03	-6.216027e-05	-3.176573e-04	-6.943139e-04
## SPAC3H5.05c	-6.491558e-03	-4.648124e-03	6.023706e-03	-2.859943e-03
## SPAC3A11.14c	-3.249289e-04	4.025117e-04	1.328020e-03	-3.316037e-04
## SPNCRNA.561	-6.159556e-05	4.047932e-05	-4.744784e-05	1.424660e-04
## SPATRNAARG.01	-2.022138e-03	3.102348e-03	2.731077e-03	-5.696154e-04
## SPNCRNA.908	9.522786e-05	-6.644710e-05	1.622033e-04	1.481751e-04
## SPAC3A11.11c	-1.753851e-03	-8.293511e-04	2.334820e-03	4.727353e-04
## SPAC3A11.08	-2.005364e-03	4.543938e-04	1.415728e-03	-9.430184e-04
## SPAC3A11.07	-5.368328e-03	3.191152e-04	-2.135017e-03	-3.280259e-03
## SPAC3A11.06	-1.128282e-03	6.421782e-04	-2.542046e-03	-1.748700e-04
## SPAC328.01c	-2.869744e-03	-7.303240e-05	5.476015e-04	-7.454657e-04
## SPAC328.02	-3.279310e-03	1.467116e-03	-4.969750e-03	1.113813e-04
## SPNCRNA.911	-3.117144e-04	9.237905e-05	-3.421711e-04	7.461147e-05
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	-3.607087e-02	1.529199e-02	-2.909570e-02	1.420006e-02
## SPAC328.07c	-1.859851e-03	3.357894e-04	1.185100e-04	-1.199874e-03
## SPAC328.09	-5.247364e-04	-1.290510e-03	2.598975e-04	-3.557807e-04
## SPNCRNA.912	6.189019e-07	-3.182655e-06	-6.294122e-06	7.892937e-06
## SPNCRNA.913	-1.324541e-05	-2.100146e-05	-3.082483e-05	-8.003798e-06
## SPAC16E8.01	-4.006574e-03	1.891925e-03	5.944346e-03	-4.257629e-03
## SPAC16E8.04c	-1.543146e-03	4.618964e-05	1.863473e-03	-9.178464e-04
## SPNCRNA.914	-2.602916e-04	-5.372335e-05	1.801973e-04	-3.319446e-04
## SPNCRNA.562	-8.327095e-06	1.860268e-05	-3.309721e-06	1.667777e-05
## SPAC16E8.08	-2.005454e-04	3.117645e-05	4.650423e-04	-4.397523e-04
## SPAC16E8.10c	-6.137043e-04	-1.088517e-04	1.285411e-03	-3.271633e-04
## SPAC16E8.11c	-7.368831e-04	1.865755e-04	1.283347e-03	-3.627726e-04
## SPAC16E8.18	-6.577761e-05	8.987878e-05	4.634499e-04	-2.190289e-04
## SPAC16E8.12c	-5.086726e-04	1.564116e-04	1.010293e-03	-6.951795e-04
## SPAC16E8.14c	1.752699e-04	-3.078221e-04	1.477258e-04	-3.036851e-04
## SPAC16E8.16	-1.269389e-03	1.898440e-04	1.723912e-03	6.421191e-04
## SPAC16E8.17c	-1.510237e-03	-9.990195e-04	2.391314e-03	1.890915e-03
## SPAC1B1.02c	-2.022957e-03	4.915408e-04	1.130221e-03	-1.747494e-03
## SPAC1B1.03c	-6.593209e-03	-1.037199e-02	8.681052e-03	7.989882e-04
## SPAC1B1.04c	-8.073188e-04	4.103949e-04	1.017068e-03	-8.329423e-04
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-2.437239e-05	-1.227079e-04	4.232910e-05	-2.016446e-04
## SPAC17A2.03c	-2.215786e-03	-1.650803e-03	3.258247e-03	-7.033117e-04
## SPNCRNA.917	-1.194968e-07	-1.321529e-06	-1.262934e-06	-6.822977e-06
## SPNCRNA.918	7.229762e-07	-2.021068e-05	3.282915e-05	-1.732060e-05
## SPAC17A2.12	-4.274754e-04	3.141194e-04	8.507207e-05	-1.056294e-03
## SPAC17A2.13c	2.180635e-04	-1.995437e-03	-8.072490e-04	5.882988e-03
## SPNCRNA.919	-4.100403e-05	2.760668e-05	1.854850e-05	-1.230527e-05
## SPAC17A2.14	-3.426422e-03	1.383118e-05	4.914154e-03	-3.477001e-04

## SPNCRNA.600	-2.671821e-05	8.053035e-05	3.772203e-05	-2.437319e-04
## SPAC17G6.07c	-1.713861e-04	-2.592904e-05	8.898634e-04	-1.339356e-04
## SPAC17G6.09	-1.771580e-03	-6.595271e-04	1.698782e-03	-1.622754e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	-2.230241e-03	5.771181e-04	1.971494e-03	-9.784243e-04
## SPNCRNA.922	-5.505104e-05	-3.274855e-05	-2.891619e-05	-1.484759e-05
## SPAC1142.03c	-9.959729e-04	-1.171989e-04	1.444952e-03	-6.036620e-04
## SPRRNA.16	-2.732049e-04	2.912851e-04	-2.684508e-04	-1.467044e-05
## SPNCRNA.924	9.162209e-07	1.762278e-06	-2.929370e-06	-3.468204e-06
## SPAC8C9.03	-5.267110e-03	2.760992e-03	-8.212198e-03	2.665548e-03
## SPAC8C9.05	-1.633913e-04	-1.888638e-04	7.795185e-04	8.099772e-04
## SPAC8C9.06c	-2.678030e-03	2.950431e-04	2.555576e-03	-7.963729e-05
## SPAC8C9.10c	8.581390e-04	-1.086295e-03	5.059527e-04	4.098791e-04
## SPAC8C9.16c	-9.678181e-04	3.906337e-04	3.065147e-05	4.360726e-04
## SPAC15A10.01	-1.455526e-03	1.791899e-04	8.165639e-04	-8.649542e-04
## SPAC8C9.17c	2.387872e-05	-6.076173e-05	7.418522e-04	4.334002e-04
## SPAC15A10.02	-3.044686e-03	-1.005950e-03	1.945441e-03	-2.944111e-04
## SPAC15A10.03c	-1.209299e-03	1.607283e-05	1.171845e-03	-4.865073e-04
## SPAC15A10.04c	-3.441235e-04	-7.119128e-03	1.231444e-02	5.410885e-03
## SPAC15A10.05c	-5.312580e-04	2.864975e-04	9.337610e-06	2.480110e-04
## SPAC15A10.07	-1.914856e-04	5.763040e-04	1.871283e-04	-3.383365e-05
## SPAC15A10.10	-1.908389e-04	-1.059529e-04	1.338980e-03	4.824655e-04
## SPATRNPAPHE.01	-4.685487e-03	-2.232118e-03	2.389101e-03	8.257314e-03
## SPATRNAVAL.04	-3.455513e-03	-2.205530e-04	2.452277e-03	3.491499e-03
## SPNCRNA.929	3.454758e-05	-1.555240e-05	3.534151e-06	-9.891330e-05
## SPAC15A10.15	-1.257214e-03	2.902637e-04	9.715497e-04	-2.506368e-03
## SPAC15A10.16	-2.600714e-03	1.979736e-04	3.306561e-03	-2.599421e-03
## SPAC15E1.02c	-7.399498e-03	6.156060e-03	4.382356e-03	6.102751e-03
## SPAC15E1.04	-1.645960e-03	3.384377e-04	1.572876e-03	-7.505836e-04
## SPAC15E1.06	8.575489e-06	-5.372434e-04	1.137992e-03	1.117698e-03
## SPAC15E1.07c	-2.041295e-05	9.073114e-06	4.167972e-05	-1.061755e-04
## SPAC15E1.08	-2.123116e-04	-1.638681e-04	9.860077e-04	-6.353463e-05
## SPNCRNA.931	-2.752971e-05	1.696455e-05	-1.570719e-05	3.343416e-05
## SPNCRNA.524	6.536983e-07	1.072317e-05	2.278875e-06	9.194652e-06
## SPAP7G5.03	-7.393628e-04	2.014318e-04	4.915419e-04	1.583434e-04
## SPAP7G5.04c	-1.777158e-02	-2.846943e-02	-8.767046e-03	-1.361907e-02
## SPNCRNA.933	-7.618188e-05	7.165271e-06	2.893200e-06	1.550517e-05
## SPAP7G5.06	-6.659127e-03	2.364720e-03	5.636672e-03	4.740437e-03
## SPATRNPAPHE.02	-1.360414e-02	1.185917e-02	1.716103e-03	-2.874159e-03
## SPATRNAALA.04	-6.419974e-05	7.954721e-05	1.631420e-04	9.093516e-05
## SPATRNPAGLU.03	-3.503507e-03	1.989070e-04	-1.043587e-03	1.506258e-03
## SPATRNAILE.04	-1.290613e-05	-1.701331e-05	4.353083e-05	-1.928237e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-3.605685e-06	-4.460574e-06	-4.293904e-07	8.754578e-07
## SPAP4C9.02	-1.539244e-04	4.577502e-05	2.232024e-04	-3.379463e-04
## SPNCRNA.936	-7.640681e-05	4.366621e-05	1.716163e-04	-1.293426e-04
## SPAC1556.02c	-1.092596e-02	-6.944719e-03	3.519590e-03	-7.557958e-03
## SPAC1556.06	-1.096029e-04	-6.855791e-07	9.164651e-05	-2.511591e-04
## SPAC1556.07	-3.719545e-03	-8.276449e-03	-3.063530e-03	9.481036e-03
## SPAC1556.08c	-2.139396e-03	-1.072296e-03	4.013204e-03	-1.577219e-03
## SPAC1F12.06c	-2.934983e-04	5.427347e-05	4.085304e-04	-2.028250e-04
## SPAC1F12.08	-3.690807e-05	-1.390742e-04	1.635833e-04	4.006878e-04
## SPAC1F12.09	-1.208708e-03	3.809024e-04	1.913849e-03	-1.365393e-03

## SPAC1F12.10c	-2.419733e-03	1.915895e-03	-5.121768e-03	1.092692e-03
## SPAC4H3.17	-6.823769e-06	1.187790e-05	3.652721e-05	1.538838e-05
## SPAC4H3.02c	-5.293999e-04	2.342812e-04	2.571691e-04	4.937832e-05
## SPNCRNA.938	-3.053511e-05	1.650128e-05	2.991124e-05	2.730305e-05
## SPRRNA.17	-9.212558e-04	-5.653017e-05	1.184086e-03	-1.349029e-03
## SPAC4H3.04c	-4.324589e-04	2.690733e-04	5.211743e-04	-2.159079e-05
## SPAC4H3.05	-1.164295e-03	7.532032e-05	2.077156e-03	-1.071062e-03
## SPAC4H3.16	-3.888799e-04	-5.756524e-04	6.789769e-04	-2.638556e-04
## SPNCRNA.939	1.603953e-04	1.238802e-04	3.396158e-04	-2.666356e-05
## SPAC4H3.07c	-1.444397e-03	-8.414484e-04	1.241337e-03	-6.889690e-04
## SPNCRNA.940	-7.266814e-05	1.730587e-05	4.839076e-05	1.075847e-04
## SPAC4H3.08	-3.145203e-03	2.542922e-03	-1.097466e-03	-8.135900e-04
## SPAC4H3.10c	-1.481776e-01	-1.232037e-01	1.582549e-02	-6.751246e-02
## SPAC4H3.11c	-1.342813e-03	6.379672e-04	-3.170229e-04	-2.646562e-03
## SPAC4H3.13	-2.039278e-04	1.658340e-04	1.032255e-03	1.078758e-03
## SPAC4H3.14c	-6.497150e-04	3.017817e-04	2.389693e-03	-1.476352e-04
## SPAC1071.04c	-3.345702e-04	-1.816354e-04	2.514129e-04	-4.856583e-05
## SPAC1071.07c	-3.110232e-03	-5.561645e-02	-5.480556e-02	4.581629e-02
## SPAC1071.09c	6.813978e-04	-7.920487e-04	-1.690529e-04	7.962053e-04
## SPNCRNA.92	-2.499165e-07	2.015060e-06	-1.331279e-06	7.014184e-07
## SPNCRNA.944	-4.673753e-05	-1.673674e-04	-5.963239e-05	-5.591687e-05
## SPAC1071.11	-5.512846e-04	-8.720557e-05	2.920701e-04	-1.806086e-04
## SPNCRNA.947	-4.639334e-05	3.071784e-05	1.809457e-04	2.418225e-05
## SPAC926.06c	-2.148911e-03	1.645872e-05	1.290138e-03	-1.213157e-03
## SPAC926.07c	-1.200761e-04	-2.776460e-04	7.256777e-04	1.249129e-04
## SPAC926.08c	3.654408e-03	-5.728679e-03	9.465606e-04	-4.510280e-04
## SPAC323.02c	-4.274608e-03	-3.058685e-04	1.812263e-03	2.506375e-04
## SPAC323.03c	-6.196613e-04	-5.931405e-05	8.243618e-04	-1.018677e-03
## SPAC323.04	-2.223185e-03	-2.186920e-03	9.551175e-04	-1.415274e-03
## SPAC323.05c	-4.544260e-04	-3.099552e-04	1.085662e-03	-6.412002e-04
## SPAC323.08	-1.262278e-04	-8.038112e-05	4.084914e-04	1.101121e-05
## SPAC2F3.01	-1.549231e-03	-6.027481e-05	1.841479e-03	3.007515e-04
## SPAC2F3.17c	1.218980e-04	-1.651256e-04	1.828788e-03	4.799317e-04
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-6.756668e-04	-2.734370e-03	-1.672562e-03	1.266510e-03
## SPAC2F3.10	-2.033017e-03	-2.447061e-04	2.129291e-03	-1.227211e-03
## SPAC2F3.13c	-3.831498e-04	-4.947692e-04	5.571636e-04	-1.027150e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	-3.966685e-04	2.291322e-04	6.373570e-05	-8.198265e-04
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	-8.055928e-04	1.495172e-04	1.125850e-03	-9.917594e-04
## SPAC2F3.16	-2.168755e-03	6.104296e-04	-9.639440e-04	-1.313202e-03
## SPAC11G7.05c	-5.192158e-04	1.743737e-04	4.444097e-04	1.506781e-04
## SPAC11G7.06c	-5.989590e-04	1.841763e-04	6.319784e-04	-5.104582e-04
## SPNCRNA.952	-6.944339e-05	-9.566588e-05	1.561879e-04	-8.313219e-05
## SPAPB18E9.02c	-4.086361e-03	1.518497e-04	5.643619e-04	-3.421532e-03
## SPNCRNA.953	-1.373382e-04	-3.630642e-04	1.674330e-04	-2.173863e-04
## SPAPB18E9.04c	-4.042834e-05	3.458419e-05	9.737571e-05	1.335309e-05
## SPNCRNA.954	-1.246635e-04	-1.494379e-04	-2.210770e-04	-1.366459e-06
## SPAPB15E9.06	5.551433e-06	-5.712979e-05	4.437286e-05	-5.361135e-05
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-7.644187e-04	-2.271155e-04	1.658139e-03	2.714364e-04
## SPNCRNA.955	-7.808861e-05	5.917881e-05	1.262549e-04	-2.654332e-04

## SPAC27E2.03c	-3.618436e-03	-4.409195e-03	-5.078558e-03	1.155241e-03
## SPAC27E2.11c	9.391792e-08	7.243047e-06	-1.174020e-05	-1.732025e-05
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	-4.800075e-05	7.430461e-08	9.193788e-05	-5.958082e-05
## SPAC27E2.12	6.240906e-06	2.809839e-06	-2.011607e-06	1.446087e-05
## SPAC27E2.06c	-1.296454e-03	2.951937e-04	9.679244e-04	2.100632e-05
## SPAC27E2.07	-2.605897e-04	4.986850e-05	3.900803e-04	-4.153041e-04
## SPAC27E2.08	9.471872e-06	1.429142e-05	1.826728e-05	6.472469e-06
## SPAPJ698.02c	-6.438651e-03	-2.005083e-02	-1.255091e-02	-1.501659e-02
## SPAC19G12.01c	-4.917801e-04	-7.058951e-05	3.141677e-04	-5.853649e-06
## SPAC19G12.03	-1.807659e-03	-1.548921e-05	3.087711e-03	1.378141e-04
## SPNCRNA.956	3.582044e-05	2.316064e-05	3.908770e-05	-4.256077e-05
## SPAC19G12.05	-1.647409e-03	-2.359421e-03	1.017888e-03	-3.304279e-03
## SPAC19G12.10c	-5.300963e-02	2.710180e-03	3.442139e-02	1.154865e-02
## SPAC19G12.17	-5.651095e-04	-8.074309e-05	5.357170e-04	-6.358927e-04
## SPAC19G12.11	-1.469443e-03	-8.821963e-04	2.413779e-03	1.251820e-03
## SPAC19G12.12	-1.009134e-03	9.636548e-05	1.293680e-03	1.846788e-05
## SPAC19G12.15c	-1.547865e-02	3.327231e-04	1.981207e-02	6.404398e-03
## SPAC19G12.16c	-2.223150e-03	1.592842e-03	-3.315042e-03	-1.311277e-02
## SPAC23A1.02c	-1.036618e-03	4.130370e-04	-1.372666e-03	-1.890934e-03
## SPAC23A1.03	-2.732520e-04	-7.816306e-03	-1.501467e-02	-3.789064e-03
## SPAC23A1.04c	-7.942274e-04	6.468559e-04	1.253454e-03	-8.804160e-04
## SPAC23A1.05	-1.933929e-03	-2.659493e-04	1.130893e-03	-1.622686e-03
## SPAC23A1.06c	-1.946396e-03	5.955877e-04	-2.191059e-03	-6.981437e-04
## SPAC23A1.09	-1.046464e-03	4.385718e-04	-8.650501e-06	-1.374778e-03
## SPNCRNA.957	-2.679257e-05	2.331866e-05	5.465581e-05	5.655645e-07
## SPAC23A1.11	7.703712e-04	-4.264303e-03	-8.572233e-03	1.916865e-03
## SPAC23A1.12c	-2.755464e-03	-6.709605e-03	-4.012246e-03	-1.013397e-03
## SPNCRNA.958	-5.736978e-05	-1.124738e-04	-1.894076e-05	1.567687e-04
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	-2.555142e-03	3.943866e-04	-9.965533e-04	-3.953750e-04
## SPAC23A1.17	-1.646097e-03	1.100846e-03	1.549940e-03	-1.886416e-03
## SPAC23A1.18c	-2.147005e-03	-1.762138e-04	-4.086337e-04	-3.914417e-04
## SPAC23A1.19c	-1.976174e-03	6.115046e-04	3.078644e-03	-2.278262e-03
## SPAC26H5.02c	-1.187110e-03	3.196283e-04	1.105713e-03	-1.069090e-03
## SPAC26H5.03	-8.631778e-04	8.638349e-05	7.707869e-04	-6.204811e-04
## SPNCRNA.959	4.240115e-06	4.979575e-05	8.340003e-05	8.683839e-05
## SPNCRNA.960	-2.947695e-05	4.971427e-05	-7.098814e-05	2.193822e-05
## SPAC26H5.05	-3.589377e-03	-9.320201e-04	3.630571e-03	-2.823731e-03
## SPAC26H5.06	6.773286e-05	-1.607290e-03	1.390118e-03	-1.171362e-04
## SPNCRNA.963	-2.607278e-05	-7.093207e-05	-5.010980e-05	1.474720e-04
## SPAC26H5.11	-2.450211e-03	2.246252e-04	1.350674e-03	-2.228801e-03
## SPAC26H5.12	-1.871344e-03	-8.375201e-04	3.388807e-03	9.692531e-04
## SPAC26H5.13c	-1.084795e-03	-5.604780e-04	5.740663e-04	-1.153833e-03
## SPAC25B8.01	-2.621421e-04	-6.262599e-04	-1.083352e-03	2.528085e-04
## SPAC25B8.06c	-2.748654e-04	-1.260404e-04	1.804359e-03	4.876605e-04
## SPAC25B8.08	-1.962071e-03	8.076115e-04	-9.054768e-04	-1.034406e-03
## SPNCRNA.966	7.119096e-05	-8.138957e-06	3.296400e-05	9.138221e-05
## SPAC25B8.09	-5.599168e-04	-6.827365e-04	1.111065e-03	5.079369e-04
## SPAC25B8.12c	-2.801205e-02	8.850163e-03	-1.288832e-02	-6.990918e-03
## SPAC25B8.17	-1.097170e-03	-2.603457e-04	1.818956e-03	-3.648012e-04
## SPAC25B8.18	-2.967482e-04	-5.442577e-05	2.810102e-04	1.569013e-06
## SPAC25B8.19c	-1.099446e-03	3.880295e-04	3.972804e-04	-9.979713e-04
## SPAC683.03	-2.047747e-05	-1.672441e-06	-2.560350e-05	1.737175e-05

## SPNCRNA.969	4.273897e-05	-1.593561e-05	2.966997e-05	4.974867e-05
## SPAC683.02c	1.294076e-03	-7.887156e-04	1.117211e-03	-1.546773e-03
## SPAC694.02	-1.798224e-02	-1.405723e-02	-4.713317e-03	-1.063228e-02
## SPAC694.05c	-1.219741e-02	-3.889108e-02	-3.178207e-02	2.263852e-02
## SPAC694.06c	-3.648902e-04	2.181180e-04	2.273433e-03	-3.272389e-03
## SPAC1F7.01c	-3.934188e-03	-2.993490e-03	8.558252e-03	-1.035618e-03
## SPAC1F7.14c	1.741535e-04	-3.868394e-04	8.984108e-05	5.170195e-04
## SPAC1F7.04	-7.634413e-03	-7.405294e-03	6.432190e-03	-3.260233e-03
## SPAC1F7.05	1.826021e-03	8.913977e-04	6.879931e-04	-2.128012e-02
## SPNCRNA.973	7.077574e-06	-7.020849e-05	1.824135e-04	-1.217269e-04
## SPNCRNA.243	-1.098730e-05	-7.146013e-06	8.199284e-06	-2.428286e-05
## SPAC1F7.08	3.188947e-03	-2.318579e-02	-9.369925e-03	-1.808150e-02
## SPAC1F7.09c	-3.474159e-04	-1.202980e-04	4.997764e-04	-1.461824e-05
## SPAC1F7.13c	-1.890428e-02	-5.873663e-02	-4.040790e-02	3.469591e-03
## SPAC21E11.04	-6.702541e-04	-1.998178e-04	7.371455e-04	3.045250e-04
## SPAC21E11.06	-1.971039e-03	-2.629017e-03	1.718073e-03	-5.821119e-04
## SPNCRNA.13	-5.608056e-06	3.067484e-05	1.019026e-05	2.956762e-05
## SPAC21E11.07	-8.599878e-04	-2.528748e-05	8.069154e-04	-3.153427e-04
## SPAC2C4.03c	-3.357825e-04	-1.936810e-04	5.123148e-04	-4.879291e-04
## SPAC2C4.04c	-5.093458e-04	-5.384140e-04	1.887440e-03	1.645961e-03
## SPNCRNA.98	1.583593e-01	-7.689002e-02	2.239999e-01	-1.881929e-01
## SPAC2C4.07c	-1.154605e-03	9.003884e-04	-9.668461e-05	-1.358674e-03
## SPAC2C4.09	-6.664879e-04	2.616617e-04	-1.127272e-05	-3.079032e-04
## SPAC2C4.10c	-5.766017e-04	1.493261e-04	2.295553e-03	6.186991e-04
## SPAC2C4.13	-1.550366e-03	-6.963524e-04	3.309166e-03	-1.108187e-03
## SPAC2C4.17c	-1.173437e-02	4.559255e-03	-2.587052e-02	1.205646e-03
## SPAC25G10.02	-1.580479e-04	2.616527e-04	5.370638e-04	4.586443e-05
## SPAC25G10.03	-5.762462e-03	-2.890096e-03	3.830453e-03	-9.436757e-04
## SPAC25G10.04c	-8.516849e-05	2.296136e-05	-1.914785e-04	-1.965624e-05
## SPAC25G10.08	-5.191325e-03	-2.544982e-02	-2.010347e-02	-1.742011e-03
## SPAC27F1.05c	-5.866658e-04	1.628679e-04	7.425900e-04	-2.285433e-04
## SPNCRNA.977	-2.674968e-04	-6.979550e-05	1.371590e-04	-2.814447e-04
## SPAC27F1.10	-6.343759e-06	3.280174e-06	-2.836897e-05	1.841688e-05
## SPNCRNA.978	-4.321976e-05	-8.559451e-06	-1.173929e-05	-6.262437e-05
## SPAC27F1.06c	2.775882e-03	-4.230608e-03	-2.619596e-03	-2.225902e-03
## SPAC23D3.04c	-2.117621e-03	-7.995206e-03	3.345114e-03	-4.165906e-03
## SPAC23D3.05c	-1.943425e-04	2.082684e-04	4.516947e-04	-1.816519e-04
## SPAC23D3.06c	-1.495733e-03	-1.924078e-03	2.129197e-03	-1.123273e-03
## SPAC23D3.07	-2.443647e-03	3.514063e-04	3.548384e-03	6.567883e-03
## SPAC23D3.09	-4.539345e-04	-8.361240e-04	3.244981e-03	2.092802e-03
## SPAC23D3.10c	-2.302462e-03	3.506021e-04	7.018062e-04	-1.857713e-03
## SPNCRNA.244	-1.549065e-05	1.300592e-05	-5.054316e-06	-5.373166e-05
## SPAC23D3.12	-8.631427e-03	-9.684875e-04	-2.359831e-03	-6.676234e-03
## SPAC23D3.16	4.163114e-04	-6.372245e-04	5.030810e-04	4.766843e-04
## SPAC23D3.13c	-3.336232e-03	3.434235e-04	4.613678e-03	-4.221748e-03
## SPAC23D3.14c	-1.461303e-04	2.491058e-05	3.585268e-04	-7.990867e-04
## SPNCRNA.982	-7.525227e-04	4.524878e-05	3.872081e-04	-6.653453e-04
## SPAC1527.01	-3.644924e-03	-1.072367e-03	3.474066e-03	-2.134183e-04
## SPAC1527.02	-7.117233e-04	7.928052e-05	7.808956e-04	-5.887898e-04
## SPAC1527.03	-1.747954e-03	-3.755696e-04	3.292745e-03	-3.636763e-03
## SPAC30.03c	-2.840140e-04	5.206759e-05	1.112507e-03	-5.092038e-04
## SPNCRNA.983	-6.213265e-06	6.081409e-06	1.592020e-05	-4.864595e-06
## SPNCRNA.984	-1.895150e-05	-5.927851e-05	7.452685e-05	9.102494e-05
## SPNCRNA.246	-1.402118e-06	-2.923333e-06	2.415495e-06	-8.298484e-06

## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	-1.466567e-03	-6.054741e-04	2.254147e-03	-1.366851e-03
## SPAC29E6.06c	-1.680876e-03	-4.258159e-03	1.786707e-03	-4.389408e-03
## SPAC29E6.09	-7.187280e-04	2.916766e-04	8.508096e-04	-4.880586e-04
## SPAC29E6.10c	-2.125744e-03	1.034581e-03	1.505946e-03	-5.028953e-03
## SPAC16.02c	-1.462455e-04	8.935483e-05	-9.573767e-04	-1.597637e-03
## SPNCRNA.247	-2.765177e-06	-9.518918e-06	7.916384e-06	-3.978444e-05
## SPAC16.04	-3.483712e-04	-1.208431e-03	3.292527e-03	-1.435048e-03
## SPNCRNA.99	-1.644081e-04	-7.659022e-05	-1.742204e-05	-2.199474e-04
## SPAC9E9.02	-5.306882e-05	-2.737945e-04	-8.318282e-04	5.251058e-04
## SPNCRNA.988	1.965674e-05	4.734286e-07	-7.721046e-05	1.494196e-04
## SPAC9E9.05	-4.085552e-05	-1.874942e-04	6.068998e-04	-1.240739e-05
## SPAC9E9.06c	-9.503858e-03	-1.175343e-02	-2.963823e-03	-5.416018e-03
## SPAC9E9.07c	-4.266269e-03	-1.575262e-03	1.428113e-03	2.429689e-04
## SPAC9E9.08	-1.401783e-03	3.723601e-04	1.419250e-03	-1.141498e-03
## SPNCRNA.990	-1.001380e-04	-1.225569e-06	-3.729579e-05	-7.530636e-05
## SPAC9E9.10c	-1.651925e-03	8.028882e-04	-2.859333e-03	-1.425623e-03
## SPAC9E9.11	-2.208067e-02	7.280717e-03	3.731508e-02	2.206896e-02
## SPAC9E9.12c	-5.917310e-04	4.250778e-04	9.739762e-04	-4.779362e-04
## SPAC9E9.13	-1.860251e-02	-1.425944e-02	2.183765e-02	4.180388e-02
## SPAC9E9.14	-1.255832e-03	-1.443889e-04	1.692109e-03	8.782020e-04
## SPAC17C9.16c	-2.406888e-03	9.487569e-04	6.988021e-03	2.639281e-03
## SPAC17C9.15c	-8.443306e-04	-5.913485e-04	1.237314e-03	-5.799035e-04
## SPAC17C9.13c	-3.653055e-03	3.960579e-05	2.662722e-03	-1.377966e-03
## SPAC17C9.12	-1.844438e-03	8.952831e-04	9.951741e-04	1.018152e-03
## SPAC17C9.11c	-9.267363e-04	1.978618e-04	-2.207894e-04	2.744883e-04
## SPAC17C9.09c	-4.041353e-04	-4.033297e-04	6.170837e-04	1.765485e-03
## SPAC17C9.08	-1.430184e-03	-5.002166e-04	1.574421e-03	-2.178765e-04
## SPAC17C9.06	-2.746652e-03	-2.086290e-05	1.649186e-03	8.538390e-04
## SPAC17C9.03	4.730138e-03	-1.165274e-02	-2.006710e-03	-1.589792e-02
## SPAC17C9.02c	-6.768893e-04	-1.904354e-04	7.826023e-04	-9.108709e-04
## SPAC1851.02	-8.891778e-04	-2.486927e-03	8.359569e-04	1.964568e-03
## SPAC1851.03	-4.616998e-04	-1.462679e-04	1.102222e-03	-3.063955e-04
## SPNCRNA.992	-3.176872e-04	1.171118e-04	3.937081e-04	-4.591295e-05
## SPAC27D7.03c	1.297792e-05	-2.198669e-04	-1.300114e-04	1.681484e-04
## SPAC27D7.04	-3.125416e-04	-2.361190e-04	4.802947e-04	-2.047085e-04
## SPAC27D7.05c	-2.437476e-04	-7.318604e-05	5.488362e-04	1.720820e-04
## SPAC27D7.07c	-8.762087e-04	-6.674852e-04	4.748545e-05	1.089557e-03
## SPAC27D7.08c	-4.687017e-04	3.415946e-04	7.847756e-04	-3.912703e-04
## SPAC27D7.09c	-1.504732e-02	6.504216e-03	3.117571e-02	1.367293e-02
## SPAC27D7.11c	-1.199929e-02	8.520878e-03	-7.200382e-03	8.084070e-04
##	[,9]	[,10]	[,11]	[,12]
## SPAC212.11	1.673243e-05	-9.636014e-06	3.284859e-05	-1.465451e-04
## SPAC212.09c	3.440968e-04	-2.411359e-05	-2.537719e-04	1.712500e-05
## SPNCRNA.70	-1.500595e-06	1.229504e-06	1.205348e-06	-1.794565e-06
## SPAC212.12	-1.032720e-05	1.388433e-05	-3.236661e-05	2.114590e-05
## SPAC212.04c	-8.920912e-05	-7.526733e-04	9.927374e-04	-2.223663e-04
## SPAC212.03	-3.602632e-06	2.035045e-06	4.047874e-06	-9.669118e-06
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	-7.687606e-05	-9.874819e-05	-4.167870e-05	-3.678893e-07
## SPAC977.03	1.205327e-07	-1.702822e-07	3.536561e-06	-1.718271e-06
## SPAC977.04	8.114382e-06	1.243556e-06	6.547834e-06	2.333366e-06
## SPAC977.05c	8.575252e-06	1.399523e-06	-2.365996e-06	1.142844e-05
## SPNCRNA.136	1.777142e-06	6.087610e-06	-2.338244e-07	-9.805233e-06

## SPNCRNA.601	-2.858706e-05	1.620124e-04	4.228490e-06	1.772530e-04
## SPAC977.07c	-2.030407e-05	4.323943e-05	2.115324e-05	3.016525e-05
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	9.466132e-05	5.137486e-04	-4.202714e-04	1.509679e-04
## SPAC977.13c	3.024340e-04	5.319504e-04	-5.348246e-04	2.193449e-05
## SPAC977.15	-3.837009e-04	-2.233460e-04	-1.118179e-04	-2.204069e-04
## SPAC977.16c	-8.195580e-04	-3.810564e-04	-1.307313e-03	-1.516479e-03
## SPNCRNA.37	-3.545101e-06	4.846571e-06	1.020582e-05	-3.653013e-05
## SPAPJ695.01c	1.803470e-05	1.274157e-07	-3.278645e-05	1.049521e-05
## SPNCRNA.76	-4.533732e-05	6.605971e-05	2.835867e-05	-1.530568e-05
## SPNCRNA.603	3.380574e-05	2.807874e-05	-3.666057e-05	8.015934e-06
## SPNCRNA.607	-1.512160e-04	8.864762e-05	-1.887346e-04	-4.058171e-04
## SPAC1F8.06	5.265653e-04	-3.528210e-04	2.910505e-04	5.469777e-04
## SPAC1F8.08	-8.003591e-05	1.831075e-04	-7.932448e-05	-8.759035e-04
## SPAC11D3.19	9.804590e-05	-9.821459e-05	-2.163879e-04	-1.159158e-04
## SPAC11D3.01c	5.807950e-03	3.731944e-03	-4.429903e-03	-9.633885e-05
## SPNCRNA.608	-4.344618e-05	2.549870e-04	-2.675560e-04	-6.778189e-05
## SPAC11D3.02c	-4.195415e-03	-1.874986e-03	7.075794e-04	-8.602214e-03
## SPAC11D3.03c	-1.154596e-04	-4.796369e-05	-3.795478e-04	-1.467985e-04
## SPAC11D3.05	1.164445e-03	-1.579412e-03	3.888619e-03	-1.029416e-03
## SPAC11D3.07c	1.559285e-03	-8.592792e-04	-1.101705e-03	5.812669e-04
## SPAC11D3.08c	8.672756e-04	7.076047e-04	-1.509841e-03	-7.786276e-04
## SPAC11D3.11c	-7.604296e-05	-8.467870e-04	-4.625924e-04	-3.833910e-04
## SPAC11D3.14c	-5.227436e-04	-2.328393e-06	-1.519967e-03	1.627207e-04
## SPNCRNA.609	-6.023487e-05	-1.070397e-03	-4.717853e-05	-6.361977e-04
## SPNCRNA.147	4.702002e-06	1.320174e-05	-1.115347e-05	1.366303e-05
## SPNCRNA.610	3.565489e-05	-1.826729e-05	-3.688091e-05	-2.975831e-05
## SPAC11D3.16c	9.488116e-04	4.892059e-04	-1.172387e-03	2.161688e-04
## SPAC11D3.18c	1.026337e-04	-1.675329e-04	6.275536e-05	-6.361277e-05
## SPNCRNA.612	2.281554e-04	4.045429e-04	-3.632897e-04	-2.395663e-04
## SPAC5H10.01	1.401399e-04	-2.705695e-04	4.035251e-05	2.198522e-04
## SPAC5H10.03	-1.221196e-02	-1.208219e-02	-2.016441e-04	-6.699933e-03
## SPAC5H10.04	-2.790380e-04	-4.652305e-04	-1.085501e-04	-1.756945e-04
## SPAC5H10.06c	-1.599444e-03	-7.039081e-04	-3.197480e-05	-1.877616e-03
## SPAC5H10.08c	-1.413739e-03	5.425766e-04	-9.166532e-04	-2.074033e-04
## SPAC5H10.09c	1.762130e-04	-5.383755e-05	-5.852228e-04	5.892306e-04
## SPAC5H10.10	-3.740365e-03	-3.396283e-04	-1.562586e-04	-4.701807e-03
## SPAC5H10.11	-1.344325e-04	1.277091e-04	5.880149e-05	-1.965957e-04
## SPAC5H10.12c	5.465142e-04	1.955824e-03	-1.763127e-03	1.517838e-03
## SPAC5H10.13c	5.531284e-04	2.750144e-04	-5.151088e-03	5.400660e-04
## SPNCRNA.617	-9.071652e-05	2.299987e-04	-4.936527e-04	-1.351093e-04
## SPAC13G6.01c	-4.596082e-04	-1.282054e-03	-1.409760e-03	2.154347e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	1.146854e-03	6.389326e-04	-4.246622e-03	-1.077362e-03
## SPNCRNA.618	1.491430e-05	1.819881e-04	-4.701487e-06	2.021852e-05
## SPNCRNA.620	1.485200e-05	1.036980e-04	-1.489389e-04	1.601322e-05
## SPAC13G6.14	1.798964e-04	2.004162e-03	-2.252680e-03	-2.299891e-03
## SPAC13G6.15c	6.090718e-05	-3.630581e-05	-1.394719e-05	5.483466e-04
## SPNCRNA.621	-2.549057e-04	7.388070e-05	2.966178e-05	-7.080174e-05
## SPAC24B11.05	-3.631220e-04	1.316162e-03	-1.787979e-03	4.416946e-05
## SPAC24B11.08c	8.829136e-05	-7.600253e-04	-2.381949e-04	1.154520e-03
## SPNCRNA.142	-5.339325e-06	-1.009143e-05	-4.493088e-06	-3.268249e-05
## SPAC24B11.09	1.279433e-03	-1.360575e-03	1.374663e-03	1.065566e-03

## SPAC24B11.11c	2.051324e-03	2.959779e-03	-4.992399e-03	1.435805e-03
## SPAC24B11.12c	6.298865e-03	-1.036125e-03	-7.987282e-04	4.256760e-03
## SPNCRNA.624	-2.802109e-04	3.566304e-04	-1.165305e-04	2.816410e-04
## SPAC806.02c	9.338712e-05	1.075233e-03	-3.465332e-03	1.133470e-03
## SPNCRNA.625	-3.351619e-05	6.202809e-05	1.444801e-04	-2.943441e-05
## SPAC806.11	4.189327e-05	-1.810241e-05	7.193853e-05	-4.020682e-06
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-3.692273e-05	3.208650e-04	-1.536238e-04	-1.535265e-04
## SPNCRNA.627	3.707878e-06	1.484443e-05	3.026129e-06	-8.952602e-05
## SPNCRNA.628	1.114099e-05	-4.387549e-05	9.341209e-05	-5.058766e-05
## SPAC806.06c	1.736155e-03	1.591965e-03	-1.904260e-03	1.200730e-03
## SPAC806.07	1.148700e-03	1.314959e-04	-3.528175e-03	1.415191e-03
## SPNCRNA.630	-2.897738e-04	1.681164e-04	4.836724e-05	4.028714e-04
## SPAC1F5.11c	-2.079730e-03	-2.108637e-03	-6.795299e-03	-1.148617e-03
## SPNCRNA.632	-2.716790e-05	2.257976e-05	-5.289251e-05	-1.276785e-04
## SPNCRNA.633	-4.995745e-05	5.581521e-05	-1.062524e-04	-4.540722e-05
## SPAC1F5.07c	-2.921790e-05	1.458689e-03	-8.341420e-04	-1.310653e-03
## SPAC1F5.04c	2.334049e-03	-1.302332e-03	-1.765000e-03	1.153227e-03
## SPAC1F5.02	6.399595e-04	2.454053e-03	-1.027904e-02	6.459356e-03
## SPNCRNA.148	-7.796098e-06	1.963974e-06	1.872470e-05	-8.348943e-06
## SPAC18B11.10	7.742705e-04	4.222189e-03	-5.684729e-03	2.414138e-03
## SPNCRNA.27	1.207047e-06	-4.537520e-06	4.448951e-06	-1.391131e-06
## SPNCRNA.635	4.435672e-05	1.808283e-06	-2.756833e-05	1.371219e-05
## SPAC18B11.09c	1.866240e-04	6.343682e-04	8.395178e-04	8.820636e-04
## SPAC18B11.08c	3.746933e-04	-2.373471e-04	5.662947e-04	-1.973280e-04
## SPAC18B11.07c	4.678819e-04	1.737048e-04	-8.774498e-04	-4.312145e-04
## SPAC18B11.04	-4.303269e-04	1.582794e-04	-1.072826e-03	-1.267272e-03
## SPNCRNA.636	-4.902733e-04	1.042565e-03	-3.340297e-04	6.334526e-04
## SPAC18B11.02c	1.020924e-03	-1.005785e-04	-1.438229e-03	3.420091e-04
## SPAC12G12.15	-5.598371e-05	-3.226926e-05	-3.247774e-04	3.670629e-04
## SPNCRNA.637	-6.899990e-05	-9.583696e-06	1.208630e-04	-5.460438e-05
## SPAC12G12.14c	4.172234e-04	1.038002e-03	-9.963023e-04	-1.801022e-04
## SPNCRNA.638	-7.870626e-06	1.089841e-05	-1.694009e-05	2.255344e-05
## SPAC12G12.10	8.091215e-05	8.139397e-04	-2.416048e-03	2.084040e-03
## SPAC12G12.09	1.714276e-04	1.219355e-03	-3.600697e-03	-4.421881e-05
## SPAC12G12.06c	4.391237e-04	5.588350e-03	-1.513630e-03	2.672465e-03
## SPNCRNA.639	1.264205e-05	2.685828e-06	4.341033e-05	-1.157796e-05
## SPAC12G12.03	1.768835e-03	-2.377618e-03	-8.274519e-04	9.161021e-05
## SPAC630.05	-5.093165e-04	2.529795e-03	-4.201243e-03	-1.003755e-03
## SPAC630.15	-1.817135e-04	4.814064e-04	-4.346944e-04	2.486406e-04
## SPATRNAPRO.01	2.716606e-04	3.235655e-03	8.744265e-04	1.222565e-03
## SPAC630.11	3.833637e-04	1.529881e-03	-9.067759e-04	6.037412e-04
## SPAC630.12	4.299793e-04	2.465663e-04	-1.741707e-03	4.877207e-04
## SPAC630.13c	1.125577e-04	-5.521553e-04	-3.454340e-03	2.935594e-04
## SPAC630.14c	2.367938e-03	-2.615140e-03	-1.327856e-03	3.488554e-03
## SPAC1751.01c	4.551255e-04	-4.817308e-04	2.678679e-06	-3.809492e-04
## SPAC1751.04	1.654269e-04	7.759251e-04	-1.160650e-04	-5.952739e-04
## SPAC1751.02c	-4.964678e-04	7.382354e-04	-8.878998e-04	1.545422e-03
## SPAC31A2.02	-3.131989e-04	8.287056e-04	4.831205e-04	6.946733e-04
## SPNCRNA.643	1.336768e-04	-4.930006e-05	-4.645813e-05	1.346131e-04
## SPAC31A2.03	2.891655e-04	1.664763e-03	-1.581197e-03	-5.623910e-04
## SPAC31A2.04c	1.574883e-03	-1.248637e-04	-1.716416e-03	3.052999e-05
## SPAC31A2.06	4.531392e-04	1.117091e-03	-2.318880e-03	-8.377067e-05
## SPAC31A2.07c	2.889811e-04	-1.661711e-03	-1.231906e-03	1.002944e-05

## SPAC31A2.09c	-2.433187e-04	1.343573e-03	-1.050209e-03	-3.625597e-05
## SPAC31A2.11c	9.908088e-04	1.122435e-03	-1.165048e-03	8.836604e-04
## SPAC31A2.12	1.451247e-03	-2.630802e-03	2.512209e-03	2.050782e-03
## SPAC31A2.13c	5.867133e-05	-2.481855e-04	4.655331e-04	1.189652e-03
## SPAC31A2.14	1.011032e-03	-5.037998e-04	-2.362219e-03	5.831514e-04
## SPAC31A2.16	-5.243898e-04	-3.712469e-04	-1.503640e-03	6.822255e-04
## SPAC13C5.01c	1.248794e-03	7.329792e-04	-1.046304e-03	-9.101509e-04
## SPNCRNA.644	-1.063760e-04	3.748071e-05	-4.940481e-05	-1.542902e-05
## SPAC13C5.04	7.034124e-03	5.421508e-03	-3.738100e-03	-1.548956e-03
## SPNCRNA.645	-3.521300e-04	2.101689e-04	-4.778402e-04	-2.385316e-04
## SPAC13C5.05c	4.248352e-04	-1.242556e-03	-2.559045e-03	-1.043295e-03
## SPAC13C5.06c	4.713801e-04	1.087969e-04	-7.966473e-04	1.079309e-03
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	-3.792344e-02	-2.785024e-02	3.015057e-03	3.017040e-02
## SPAC23E2.02	9.449500e-05	-2.285264e-03	-1.464750e-03	6.691403e-04
## SPRRNA.11	1.023486e-02	3.425614e-02	-1.102079e-02	3.959102e-03
## SPAC24H6.12c	8.688888e-04	2.640705e-03	-1.789416e-03	3.680102e-03
## SPAC24H6.11c	7.516348e-04	-1.751653e-03	-1.300041e-03	6.524218e-04
## SPNCRNA.652	2.577176e-04	1.628260e-05	-9.596668e-05	-1.009657e-04
## SPAC24H6.09	2.852941e-03	-2.413420e-03	2.614553e-03	1.031915e-03
## SPAC24H6.07	1.690914e-02	5.098148e-03	1.685195e-02	-8.077566e-03
## SPAC24H6.06	1.519061e-03	-1.636099e-03	8.735781e-04	1.342401e-03
## SPAC24H6.04	-1.998165e-03	3.547621e-03	-8.702370e-03	1.017508e-02
## SPNCRNA.653	-1.125464e-05	-1.979859e-06	-6.178668e-06	1.035092e-04
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	1.337639e-04	-7.280571e-05	-3.355165e-04	5.056168e-04
## SPNCRNA.654	-4.698778e-05	-1.336691e-04	6.873898e-05	-5.979442e-05
## SPAC24H6.01c	-3.187795e-04	-4.560492e-04	-8.265637e-04	-2.895929e-04
## SPAC227.19c	-9.357656e-06	2.507153e-04	-5.379953e-04	-8.398176e-05
## SPNCRNA.655	-1.257029e-04	2.604043e-04	-3.232127e-04	-5.383063e-04
## SPAC227.05	-6.313411e-04	7.047308e-04	-1.041488e-03	-3.229642e-04
## SPAC227.06	1.775413e-03	-9.163872e-04	2.751247e-04	5.580157e-04
## SPAC227.07c	3.775269e-04	-1.125582e-03	-2.740839e-03	4.435259e-03
## SPNCRNA.657	6.907506e-04	2.836888e-04	-4.187945e-04	-2.287755e-04
## SPAC227.08c	2.424456e-04	2.372805e-04	-3.369552e-04	7.420993e-04
## SPAC227.09	3.404622e-04	-9.110752e-04	1.902961e-04	1.752290e-04
## SPAC227.10	-5.659514e-04	1.341844e-03	1.139475e-04	-2.362800e-04
## SPAC227.11c	1.154376e-05	5.344607e-04	-1.708057e-03	8.591315e-04
## SPAC227.12	-8.431149e-04	2.882326e-04	-2.835588e-03	1.752027e-03
## SPAC227.13c	4.437281e-03	-1.480682e-04	4.135457e-03	4.433436e-04
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	4.810519e-04	-4.645767e-04	3.061407e-04	1.172598e-03
## SPAC2F7.04	3.522614e-04	-4.515806e-04	-3.254877e-04	6.702824e-04
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	1.048635e-04	2.842409e-06	9.817049e-05	-7.326738e-06
## SPNCRNA.661	2.548135e-06	-3.416994e-04	-4.202908e-05	-4.505935e-05
## SPAC2F7.13c	1.244552e-03	2.926076e-03	-1.811649e-03	-1.498838e-03
## SPAC2F7.15	7.097017e-04	1.627646e-03	-3.920864e-04	-4.239643e-05
## SPAC13A11.01c	1.501250e-03	1.346950e-03	-3.687619e-03	1.356150e-03
## SPAC13A11.03	-4.919355e-03	-5.671552e-03	-4.653435e-03	-6.665155e-04
## SPAC13A11.04c	1.042782e-04	-2.204354e-04	-7.670322e-04	1.161541e-04

## SPAC13A11.05	-7.880501e-04	-1.890983e-03	5.503764e-04	1.472907e-03
## SPAC3H8.02	2.300340e-03	-1.052380e-03	-3.301626e-03	4.194779e-04
## SPAC3H8.03	-1.345644e-04	-6.429948e-04	5.954275e-04	-4.684281e-04
## SPNCRNA.663	1.933243e-05	1.152036e-04	-9.868547e-05	1.189237e-04
## SPAC3H8.04	-3.799324e-04	-8.235281e-04	-1.667410e-03	1.755564e-04
## SPNCRNA.156	-2.683687e-05	-2.077561e-05	2.863812e-05	6.914405e-06
## SPAC3H8.08c	7.531907e-04	9.338309e-04	-4.857543e-04	7.700015e-05
## SPNCRNA.667	-8.003597e-06	2.889138e-05	-4.235868e-05	-9.090300e-05
## SPAC3H8.10	1.120920e-03	2.282086e-03	-1.171008e-03	-5.161038e-03
## SPAC1F3.01	-3.499990e-04	-4.413606e-04	-2.462467e-03	-1.154350e-03
## SPAC1F3.02c	2.067187e-03	-1.007677e-03	-1.360608e-04	1.463279e-03
## SPAC1F3.03	9.561514e-04	-1.113598e-03	-1.704866e-03	1.349363e-03
## SPAC1F3.04c	-6.385179e-04	2.537267e-04	-1.040169e-03	1.457487e-03
## SPAC1F3.05	7.013036e-04	-6.302787e-04	-1.236456e-03	-7.348908e-04
## SPAC1F3.06c	9.321394e-04	-2.373040e-03	3.333781e-04	-6.498231e-03
## SPAC1D4.01	-5.518831e-04	-2.676787e-04	-2.890527e-04	-9.725144e-04
## SPAC1D4.02c	2.891863e-04	6.644548e-05	-2.004617e-05	9.182295e-04
## SPAC1D4.03c	3.398545e-04	-1.359918e-04	-6.481521e-05	7.509131e-04
## SPNCRNA.670	7.992098e-05	-4.715849e-05	2.560160e-04	1.932491e-04
## SPAC1D4.05c	8.949583e-04	-3.842178e-04	-1.179729e-03	7.452192e-04
## SPAC1D4.07c	-1.275569e-05	7.915896e-05	1.841045e-05	-1.185945e-04
## SPAC1D4.10	2.181952e-03	-7.557430e-04	7.568346e-04	2.116857e-03
## SPNCRNA.671	1.480434e-04	-6.887523e-05	-8.722992e-05	1.938648e-04
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	-5.988895e-05	-4.446865e-05	-2.505928e-03	1.607395e-03
## SPAC1D4.14	1.267510e-03	1.915831e-03	-2.473124e-03	3.503086e-03
## SPAC22F3.13	1.207934e-03	-1.043591e-03	-1.149771e-03	1.639796e-03
## SPNCRNA.675	-2.228381e-05	-1.719131e-04	1.698415e-04	2.396907e-04
## SPNCRNA.158	-3.614554e-05	3.103968e-05	1.282340e-06	3.669975e-05
## SPAC22F3.11c	4.435565e-05	-1.808293e-04	-5.736988e-04	-8.840237e-06
## SPAC22F3.10c	2.530285e-03	4.068636e-03	-5.721952e-03	-4.811059e-04
## SPAC22F3.08c	3.347066e-04	-2.301030e-04	-1.463959e-04	5.586275e-04
## SPAC22F3.07c	1.913639e-03	1.111994e-03	4.735745e-04	-2.198447e-03
## SPAC22F3.05c	-2.224895e-04	-1.173976e-03	-2.704280e-03	-5.816829e-04
## SPNCRNA.676	-1.121762e-05	-9.052226e-07	4.854760e-05	6.634654e-06
## SPAC22F3.03c	8.155151e-05	1.430466e-04	-8.056414e-04	2.458385e-04
## SPAC1296.03c	-1.631668e-04	-2.105768e-04	-3.981740e-04	3.302656e-04
## SPAC1296.04	8.544791e-04	2.359251e-04	-1.157505e-03	1.410399e-03
## SPAC1296.05c	-1.842023e-04	3.700699e-04	-3.335923e-04	6.576609e-04
## SPAPJ696.02	2.001601e-03	4.824173e-04	-6.516236e-03	3.678585e-03
## SPAC22G7.01c	-9.170665e-04	5.517497e-04	-2.733498e-03	-3.081976e-03
## SPNCRNA.677	2.221915e-04	-1.273570e-04	-6.622056e-04	-1.518549e-04
## SPAC22G7.03	-1.229966e-04	2.800303e-04	-3.287055e-05	2.778879e-04
## SPNCRNA.678	-7.878557e-05	-2.137599e-04	1.902666e-04	-8.764228e-05
## SPAC22G7.05	7.686587e-06	-1.165626e-04	-6.738089e-04	-2.384840e-03
## SPAC22G7.09c	1.023995e-03	-7.758001e-04	-2.170732e-03	1.263449e-03
## SPAC22G7.10	1.811409e-03	-1.205514e-03	-1.877716e-03	2.220050e-03
## SPAC4G8.02c	-1.050515e-04	4.310805e-03	1.071521e-03	-9.728342e-04
## SPAC4G8.03c	6.116145e-04	-3.627642e-04	9.136098e-04	-2.065629e-04
## SPAC4G8.06c	2.905521e-04	-1.083350e-03	-5.141366e-04	-2.466405e-04
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-5.256202e-05	-2.978422e-05	-5.008312e-04	2.914312e-04
## SPAC4G8.11c	3.086458e-04	4.873145e-04	-1.536897e-04	4.416103e-04
## SPAC4G8.12c	2.229539e-04	-6.026309e-04	-1.130969e-03	-2.491305e-04

## SPAC4G8.13c	2.624501e-03	-1.143755e-04	-1.223691e-03	1.461027e-03
## SPAC16C9.05	1.283938e-03	-5.829993e-05	-5.769447e-04	-1.254687e-03
## SPAC2G11.02	-1.258793e-03	2.402595e-03	-3.961678e-03	1.067989e-03
## SPAC2G11.03c	5.047517e-04	-1.248640e-03	-5.387719e-05	4.773112e-04
## SPAC2G11.06	-5.968202e-04	4.753033e-04	-1.104089e-03	8.917266e-04
## SPNCRNA.688	1.209103e-04	5.765983e-05	1.774420e-04	-8.332034e-05
## SPAC2G11.07c	-5.377610e-03	8.654096e-04	-5.080517e-03	1.805211e-03
## SPAC2G11.09	1.960502e-03	-9.176060e-04	6.792313e-05	6.178535e-04
## SPAC2G11.12	9.577884e-04	5.721452e-04	-3.445706e-03	2.699877e-03
## SPNCRNA.691	-1.166247e-04	9.543276e-05	-1.550320e-04	9.868757e-05
## SPNCRNA.692	-2.365594e-06	-5.045529e-05	1.577339e-04	-1.980518e-04
## SPAC521.02	-6.873624e-04	1.691138e-03	-3.620127e-03	2.778358e-03
## SPAC521.03	-1.049237e-02	-1.603373e-02	-6.974188e-03	1.126235e-03
## SPAC521.05	1.188647e-02	5.537900e-02	-8.904012e-03	6.551035e-03
## SPAC23G3.01	-4.005667e-03	-1.126411e-04	-7.175524e-03	7.307656e-03
## SPNCRNA.694	-2.687197e-05	5.682734e-05	-5.289528e-08	-1.832375e-05
## SPAC23G3.04	6.180112e-04	-4.632420e-04	2.171577e-04	7.895984e-04
## SPAC23G3.06	-2.382891e-03	1.220233e-02	3.529042e-03	-2.620989e-03
## SPAC23G3.07c	-8.191308e-05	-5.016290e-05	-3.911869e-04	-4.719834e-04
## SPAC23G3.08c	1.659847e-03	-4.084834e-04	-2.534470e-04	4.443968e-04
## SPAC23G3.10c	-4.324083e-04	6.188990e-04	-2.916450e-03	1.165950e-03
## SPAC22H12.01c	-6.841046e-04	-5.946843e-04	-7.858805e-04	-7.729023e-04
## SPAC22H12.02	-3.200114e-03	-2.059708e-04	-5.171027e-03	-1.107512e-03
## SPAC22H12.05c	3.161655e-04	-1.950413e-03	-3.446230e-04	6.258438e-04
## SPAC1687.01	-1.046411e-05	1.179727e-03	-2.381437e-04	1.883506e-03
## SPAC1687.04	4.492516e-04	4.400767e-06	-3.448101e-04	6.260154e-04
## SPAC1687.05	1.413724e-03	-1.931183e-03	-6.081341e-04	2.048073e-04
## SPAC1687.06c	1.140235e-02	-3.029681e-03	9.541259e-03	-2.610041e-03
## SPNCRNA.696	-5.196345e-06	8.084873e-05	-2.411579e-04	3.759676e-05
## SPAC1687.11	1.546326e-03	-4.849500e-03	-2.904578e-04	8.088694e-04
## SPAC1687.12c	-1.593822e-04	3.679180e-04	-4.769751e-04	-2.147361e-04
## SPAC1687.14c	1.032221e-04	3.756834e-05	1.902113e-05	-4.763050e-04
## SPAC1687.16c	-6.824772e-04	5.147970e-04	3.932080e-05	-6.286379e-04
## SPNCRNA.160	-7.488743e-06	-7.183719e-06	4.026353e-05	-1.844932e-05
## SPATRNAALA.01	8.519498e-05	4.021654e-04	7.180749e-04	-4.735207e-04
## SPAC1687.17c	-8.305146e-04	-5.275010e-06	1.113636e-04	-1.892133e-04
## SPAC1687.18c	-9.742573e-04	2.006448e-04	-2.036722e-03	-1.040842e-03
## SPAC1687.19c	-4.972871e-04	-1.327092e-03	-1.160171e-03	1.987233e-03
## SPAC1687.20c	3.268001e-04	-6.398175e-04	-8.417922e-04	3.644762e-04
## SPAC222.03c	-3.849000e-05	5.979601e-04	-1.659915e-04	2.163961e-03
## SPAC222.19	2.316108e-04	1.761529e-04	-3.725089e-04	-6.246446e-06
## SPAC222.04c	2.293509e-04	4.996369e-04	-1.128209e-03	-2.022544e-04
## SPAC222.06	7.973228e-04	-5.795587e-04	7.014632e-04	6.966999e-04
## SPAC222.07c	-1.983761e-03	-3.056690e-04	-4.665277e-03	-1.628512e-03
## SPAC222.08c	5.298880e-04	-1.349249e-03	-4.707571e-04	5.718613e-04
## SPSNRNA.02	-6.031082e-02	1.334505e-01	1.623588e-01	-3.883366e-04
## SPAC222.17	-1.184339e-04	1.013765e-04	-6.053700e-04	5.084114e-04
## SPNCRNA.701	-1.121394e-06	-5.980647e-05	1.235177e-04	-1.505018e-05
## SPAC222.15	-3.652969e-05	1.468268e-04	-9.941064e-05	-4.748829e-05
## SPAC222.18	-9.770503e-05	2.071284e-04	-8.966724e-05	2.504868e-04
## SPAC222.16c	1.051516e-04	7.122213e-04	-4.133379e-04	-1.663043e-04
## SPAC821.05	4.658473e-03	6.647725e-03	1.888683e-03	3.403224e-03
## SPNCRNA.702	-6.263812e-05	1.521315e-04	2.592349e-05	-2.711767e-04
## SPAC821.06	7.042399e-04	-7.190191e-05	-4.246392e-04	3.947935e-05

## SPNCRNA.703	-2.369135e-04	-7.201354e-05	-4.133049e-04	-2.252650e-05
## SPAC821.08c	8.568969e-03	6.173840e-03	-4.356113e-03	5.236150e-03
## SPAC821.09	3.408804e-02	1.142128e-02	-1.086588e-02	-1.940399e-03
## SPAC821.10c	1.655259e-02	2.886544e-02	-4.568360e-02	9.577749e-04
## SPAC821.12	2.504039e-03	8.349083e-04	-2.644672e-03	2.505392e-03
## SPNCRNA.220	-2.253179e-06	5.334714e-05	-2.117992e-05	2.113475e-05
## SPAC139.01c	4.147626e-04	-7.581199e-04	-7.414985e-04	1.101219e-03
## SPNCRNA.704	-1.743037e-04	2.409633e-04	-4.321352e-04	2.548034e-04
## SPAC139.02c	-2.138950e-03	-1.195861e-03	-2.931026e-05	-1.623665e-03
## SPAC23C4.03	4.378004e-03	9.379831e-04	-5.676003e-03	2.973956e-03
## SPAC23C4.05c	3.970487e-03	-1.077872e-03	3.418891e-03	3.174570e-03
## SPAC23C4.06c	-1.541278e-03	1.295213e-03	-5.444920e-04	9.319600e-04
## SPAC23C4.09c	-4.128352e-05	8.090492e-04	-1.698250e-04	-3.775365e-04
## SPAC23C4.10	2.384216e-04	-6.510130e-04	-5.385091e-04	-3.421897e-04
## SPAC23C4.11	-4.929492e-05	1.229528e-03	5.349138e-04	-5.357128e-04
## SPAC23C4.13	7.284438e-04	3.847007e-04	8.674498e-04	-3.618640e-04
## SPAC23C4.14	2.826403e-04	-1.865560e-04	-1.086816e-03	-8.703964e-04
## SPAC23C4.15	1.741569e-03	1.478391e-03	-3.373059e-03	1.139276e-03
## SPAC23C4.17	1.991396e-03	-2.308520e-03	-1.523129e-04	1.696702e-03
## SPAC23C4.18c	9.043091e-04	-2.562706e-04	-1.222819e-03	1.930691e-04
## SPAC1A6.01c	6.702918e-04	7.573528e-06	-3.758095e-04	-1.263467e-03
## SPAC1A6.02	-1.374003e-03	1.168947e-03	-1.633844e-03	-7.628184e-05
## SPAC1A6.03c	4.320061e-03	-3.237998e-03	-5.020447e-03	9.233509e-03
## SPAC1A6.04c	1.373738e-02	-2.262259e-02	4.949929e-03	2.611380e-02
## SPNCRNA.710	-1.609852e-04	-7.571038e-06	1.278308e-05	-3.359539e-04
## SPAC1A6.06c	-3.014645e-04	2.938152e-05	-1.720646e-04	4.422760e-05
## SPAC1A6.08c	5.890756e-06	-2.522696e-06	4.199501e-04	-1.475137e-04
## SPAC30D11.14c	2.406923e-04	-2.352522e-04	-2.712831e-03	-1.677621e-03
## SPATRNASER.01	-2.759591e-03	3.034982e-03	-1.138562e-03	1.720808e-03
## SPATRNAMET.01	-3.691842e-05	4.565980e-04	7.454538e-04	-3.711905e-04
## SPNCRNA.711	2.207957e-04	-2.545189e-04	-7.462729e-05	1.461886e-04
## SPAC30D11.07	-1.195676e-04	-3.023546e-05	-2.257920e-04	-2.357027e-06
## SPAC30D11.06c	-3.347691e-05	-3.978063e-04	-1.319968e-03	1.086131e-03
## SPAC30D11.05	2.734128e-04	-3.308524e-04	-3.737631e-04	-3.293619e-05
## SPAC30D11.02c	-1.560277e-04	3.044709e-05	3.956038e-05	1.067814e-05
## SPAC56F8.02	2.765343e-03	-4.558090e-04	-8.651816e-04	9.931041e-04
## SPAC56F8.04c	5.664887e-04	-1.626559e-03	4.054446e-04	1.731284e-03
## SPAC56F8.06c	3.556463e-04	-3.898583e-05	-1.837559e-04	1.240117e-03
## SPAC56F8.09	-9.875779e-04	1.179111e-03	-1.960136e-05	7.572351e-04
## SPNCRNA.716	-1.004611e-03	-5.101993e-04	-6.830788e-04	-3.206926e-04
## SPAC56F8.12	5.629720e-05	-3.215445e-06	1.007487e-04	-1.232266e-04
## SPAC56F8.16	2.449830e-03	9.634115e-04	-2.172759e-03	-6.947500e-04
## SPAC22A12.02c	3.953953e-05	5.879572e-05	4.440222e-05	1.864942e-05
## SPAC22A12.04c	1.681701e-02	6.196714e-03	6.169120e-03	2.261243e-02
## SPNCRNA.717	1.096214e-05	3.995756e-05	-4.608613e-05	4.901592e-05
## SPAC22A12.07c	-1.215197e-03	1.741469e-03	-1.180560e-02	1.095956e-02
## SPAC22A12.08c	2.823426e-04	1.938625e-03	-2.270916e-03	-1.067938e-03
## SPAC22A12.10	1.640864e-03	2.897866e-03	-2.788946e-03	-4.280817e-04
## SPAC22A12.09c	5.188001e-04	-1.158726e-04	-3.913699e-04	-1.521104e-04
## SPAC22A12.11	1.963754e-03	-4.528280e-03	-3.556497e-03	3.411437e-03
## SPAC22A12.12c	-3.653684e-04	-3.034812e-04	3.713975e-04	3.711912e-04
## SPAC22A12.14c	1.821092e-04	-5.108346e-04	1.480179e-03	-1.122503e-03
## SPNCRNA.719	6.780197e-05	-2.105531e-06	-7.222306e-05	-9.924045e-05
## SPAC22A12.17c	5.506024e-03	-5.423193e-03	-2.625507e-02	4.121951e-04

## SPNCRNA.168	1.217386e-05	2.364262e-07	5.653845e-05	-5.515895e-05
## SPNCRNA.720	-8.507234e-05	9.076030e-05	1.471748e-04	6.358473e-05
## SPNCRNA.721	9.816245e-05	3.784332e-04	-5.025197e-04	6.640783e-04
## SPAC4C5.02c	6.906180e-04	-9.875387e-04	-1.300298e-03	2.496325e-03
## SPAC4C5.03	1.648580e-03	-4.909630e-04	-1.265112e-03	5.700683e-04
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	1.056285e-02	-1.204229e-02	1.491964e-02	-4.592640e-03
## SPNCRNA.724	5.763628e-04	2.204914e-04	1.091860e-04	6.236753e-05
## SPAC10F6.02c	-2.587490e-04	-4.334282e-03	-2.286032e-03	2.666011e-03
## SPAC10F6.05c	5.859536e-04	1.430519e-04	8.201122e-04	7.494085e-04
## SPNCRNA.725	4.900403e-05	-4.733825e-04	1.101078e-04	-3.071540e-04
## SPAC10F6.10	5.193272e-04	-1.434072e-03	3.743435e-04	-3.640904e-04
## SPNCRNA.726	6.525035e-05	1.787259e-04	-2.010063e-04	8.831189e-05
## SPAC10F6.15	4.869805e-05	1.083352e-04	2.659184e-04	-7.517502e-05
## SPNCRNA.432	5.119743e-05	-1.371522e-04	7.692064e-05	3.221107e-05
## SPAC10F6.17c	-1.671699e-04	3.406994e-04	-1.412798e-03	3.039594e-05
## SPAC56E4.03	3.143308e-03	-1.283773e-02	2.589595e-03	3.692724e-03
## SPAC56E4.07	-1.215435e-04	-9.009845e-04	-4.930075e-04	1.749703e-03
## SPNCRNA.730	-8.889858e-05	-5.976724e-05	2.324154e-05	-6.539277e-05
## SPAC1420.02c	-3.038544e-03	2.692479e-03	-1.243979e-02	4.273407e-03
## SPAC1420.03	3.704928e-04	2.162214e-03	-2.208271e-03	-4.436961e-04
## SPAC1420.04c	1.494050e-05	-2.710642e-04	-1.090760e-04	2.024331e-05
## SPNCRNA.731	1.441038e-05	-4.175184e-06	3.716102e-05	8.473657e-05
## SPAPB17E12.02	-1.466425e-04	1.007859e-04	-2.196514e-04	5.023686e-05
## SPAPB17E12.03	2.908976e-04	4.457961e-04	-4.377368e-04	9.004541e-04
## SPAPB17E12.05	4.899225e-03	1.277291e-02	3.525510e-03	-1.441033e-03
## SPAPB17E12.11	1.706778e-03	-1.225498e-03	-1.126722e-03	2.226133e-03
## SPNCRNA.732	7.493424e-05	1.424660e-04	9.108185e-05	-3.133953e-05
## SPNCRNA.733	-1.964365e-04	1.794020e-04	-2.608848e-04	-6.380284e-05
## SPAC1565.03	2.715797e-05	-9.773409e-05	-2.843135e-06	-3.627107e-05
## SPAC1565.05	-3.294478e-03	8.941115e-05	-3.896397e-03	4.919155e-03
## SPAC1565.06c	9.653902e-04	1.865625e-03	-6.743202e-04	5.742752e-04
## SPAC1565.07c	-1.568071e-03	-1.557246e-03	-3.804791e-03	6.181920e-05
## SPATRNPAPRO.02	-6.711553e-02	1.790112e-01	2.265865e-01	-3.030716e-01
## SPSNORNA.53	-1.034724e-03	-1.900717e-03	1.587680e-04	-3.895513e-03
## SPAC6F12.06	-1.913229e-03	-9.910756e-04	-1.730476e-03	-1.914299e-03
## SPAC6F12.07	1.380939e-03	-2.011474e-03	2.121720e-03	9.928369e-04
## SPAC6F12.08c	2.284262e-04	9.426110e-04	-1.639266e-03	7.753075e-04
## SPAC6F12.09	9.523505e-04	4.803896e-04	-3.200406e-03	8.223231e-04
## SPAC6F12.12	8.287318e-04	-2.073322e-04	-3.822181e-04	1.737390e-03
## SPAC6F12.13c	2.457881e-04	-2.425652e-03	-2.595881e-03	5.856463e-04
## SPAC6F12.15c	2.866388e-04	3.992111e-04	-9.700321e-04	1.683013e-04
## SPAC19E9.01c	1.276353e-03	-2.100395e-03	9.321932e-05	-3.790757e-04
## SPAC19E9.02	2.041019e-03	-1.648120e-03	-7.659576e-04	2.896843e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	-1.200505e-04	9.270050e-05	1.285895e-04	-2.393188e-04
## SPAC19E9.03	2.195749e-03	-5.373189e-03	2.967016e-03	-2.300574e-03
## SPAC57A10.03	-6.912276e-04	2.754248e-04	-5.506588e-04	-5.354516e-04
## SPAC57A10.05c	1.678250e-03	-1.144694e-03	-1.098279e-03	2.623868e-04
## SPAC57A10.06	4.343393e-05	4.112877e-05	-1.747309e-04	9.404639e-06
## SPAC57A10.07	-8.900379e-05	4.710904e-04	-1.435138e-03	2.583282e-04
## SPAC57A10.08c	-6.494236e-05	-4.046874e-04	7.107665e-05	-6.557058e-05
## SPAC57A10.09c	3.616456e-03	-3.592102e-03	3.867402e-03	1.839329e-03

## SPAC57A10.12c	1.058106e-02	-9.708139e-03	1.153311e-02	1.163123e-02
## SPAC20G8.04c	-1.996524e-03	-7.412549e-03	-4.970934e-03	6.549487e-04
## SPAC20G8.05c	2.993765e-03	4.519692e-03	-2.427244e-03	-5.766827e-04
## SPAC20G8.06	3.843802e-03	-7.667928e-03	-5.473226e-03	6.648935e-03
## SPAC20G8.08c	1.213789e-04	-1.163284e-03	-2.658342e-03	1.594988e-03
## SPAC20G8.09c	5.192986e-04	-1.706107e-03	-3.696949e-03	-3.042303e-03
## SPAC20G8.10c	-1.711326e-06	6.241235e-05	1.031328e-04	-1.414995e-04
## SPAC3A12.04c	-1.484941e-05	-2.299698e-04	-8.343701e-04	-1.875619e-04
## SPAC3A12.19	3.637902e-05	-1.916935e-04	3.731837e-04	3.048180e-05
## SPAC3A12.07	-7.753070e-05	1.020020e-03	-1.614107e-03	1.479994e-03
## SPNCRNA.741	3.919870e-05	-1.148428e-04	4.587097e-05	7.615725e-05
## SPAC3A12.11c	9.034311e-04	3.167011e-03	-3.814618e-03	2.695764e-03
## SPAC3A12.14	3.489802e-03	-5.976915e-04	1.408722e-03	-9.749420e-04
## SPAC3A12.15	6.847101e-04	2.004028e-03	-1.633961e-03	-1.170889e-03
## SPSNORNA.48	7.643187e-06	-1.660253e-05	-9.319172e-07	8.905441e-07
## SPAC3A12.18	6.681076e-03	-1.253373e-02	2.980867e-03	3.860159e-03
## SPAC9.03c	4.396678e-05	-8.324005e-03	3.462532e-03	5.808190e-03
## SPAC9.05	-1.640123e-05	-2.282272e-04	-9.052883e-04	-2.708828e-04
## SPAC9.06c	3.620744e-04	2.209580e-04	-3.266681e-04	2.244913e-04
## SPAC9.08c	8.674992e-04	-2.961928e-04	1.303057e-04	1.111071e-03
## SPAC9.09	1.736230e-02	-6.043365e-02	3.538108e-02	-2.748248e-02
## SPNCRNA.743	1.256404e-04	3.387951e-04	-3.403497e-04	5.496416e-04
## SPAC9.10	4.545835e-04	8.619998e-04	-6.470814e-04	2.166780e-04
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	4.863846e-04	-4.857610e-04	-8.823044e-04	-4.495415e-04
## SPAC5D6.10c	-1.704094e-05	-1.033454e-05	2.765904e-05	6.774592e-06
## SPAC5D6.09c	1.218997e-03	-5.116441e-04	2.563409e-04	5.817539e-04
## SPAC5D6.07c	4.237995e-04	8.089065e-04	-1.212445e-03	8.543393e-04
## SPAC5D6.04	1.984086e-03	5.904593e-04	-2.126997e-03	1.347916e-03
## SPAC5D6.02c	3.874216e-04	-1.046815e-04	-3.658679e-04	-7.840421e-06
## SPAC57A7.10c	9.306536e-04	-6.620107e-03	-3.061466e-03	-4.826989e-03
## SPNCRNA.174	2.463582e-05	1.736657e-05	5.379771e-07	-1.553382e-05
## SPAC57A7.08	3.631070e-03	-1.731273e-03	-6.177870e-04	3.631916e-03
## SPAC57A7.06	2.002711e-04	-2.792667e-03	-2.544098e-03	2.624871e-03
## SPAC57A7.04c	3.408698e-03	-4.293187e-03	1.421657e-02	-1.295617e-02
## SPAC167.07c	4.203122e-04	-1.397730e-04	-2.664544e-03	-1.471419e-03
## SPAC167.05	1.534488e-04	-1.385134e-03	-7.584007e-04	7.003231e-04
## SPAC167.04	-4.505920e-04	1.595844e-03	-2.337688e-03	9.333527e-04
## SPAC167.09	-2.049712e-04	-3.985259e-04	-9.080132e-05	-2.013161e-04
## SPAC167.08	-3.924456e-05	-2.404539e-05	-4.978689e-05	1.663556e-07
## SPAC1705.03c	3.426622e-02	-2.651377e-03	4.337283e-03	1.282475e-02
## SPNCRNA.80	2.610919e-05	-6.631894e-06	1.767098e-05	-2.394367e-05
## SPNCRNA.745	-1.993187e-06	1.521346e-04	-1.083079e-04	8.119683e-05
## SPNCRNA.81	-1.359008e-06	-1.785179e-06	-5.247997e-06	6.994228e-07
## SPAC23H4.17c	4.852463e-04	-3.747180e-04	-2.731637e-04	-9.144590e-04
## SPAC23H4.16c	-3.298749e-04	2.194011e-04	-3.035770e-04	-6.293666e-04
## SPAC23H4.15	-1.129775e-03	-1.438796e-03	-1.027993e-03	-2.437190e-03
## SPAC23H4.21	4.730935e-05	8.470227e-05	-2.475337e-05	-9.561733e-05
## SPAC23H4.13c	-2.647444e-05	1.557568e-04	-9.271012e-04	3.019663e-04
## SPAC23H4.12	9.978763e-04	-1.467538e-03	1.969217e-04	2.697843e-04
## SPAC23H4.08	2.251084e-04	-9.680862e-04	-4.947533e-05	6.714147e-04
## SPAC23H4.07c	-5.924279e-04	1.360654e-03	-2.468611e-03	1.396096e-03
## SPAC23H4.05c	1.193390e-04	-9.139343e-05	2.116709e-04	-1.112915e-04
## SPNCRNA.746	4.166432e-06	9.290878e-05	-3.487444e-05	3.325895e-05

## SPAC23H4.04	2.474045e-04	5.831620e-04	-1.941562e-03	7.560601e-04
## SPATRNATHR.01	-1.437592e-02	-1.018510e-02	8.140910e-03	-2.726272e-03
## SPNCRNA.747	5.996052e-05	1.049852e-04	-2.959529e-04	1.404835e-04
## SPAP27G11.03	7.289134e-05	2.478172e-04	-7.076139e-04	4.042786e-04
## SPAP27G11.05c	1.162936e-03	2.625461e-04	-7.331456e-04	6.535834e-04
## SPNCRNA.749	2.039626e-05	-3.766526e-04	1.340379e-04	-1.804042e-04
## SPAP27G11.09c	6.427080e-05	5.978009e-04	-2.166647e-03	-3.983176e-03
## SPAP27G11.14c	5.660210e-04	-7.800316e-04	-1.310424e-03	-4.655110e-04
## SPAP27G11.15	1.347464e-04	2.339916e-04	-2.500658e-04	3.465681e-04
## SPAC343.01c	-1.710831e-04	1.611891e-03	-2.934474e-03	-1.552793e-03
## SPAC343.03	-1.366993e-04	-1.662968e-04	6.245192e-06	6.733214e-04
## SPAC343.04c	1.280589e-03	3.628121e-04	-2.593939e-04	-3.632643e-04
## SPAC343.05	1.667331e-03	-3.460598e-03	-8.454366e-04	4.440067e-03
## SPAC343.08c	-1.470046e-03	6.666208e-04	-2.840608e-03	-1.771344e-04
## SPAC343.07	4.235142e-05	-1.528376e-06	-8.052318e-05	5.987188e-05
## SPNCRNA.752	-2.675991e-04	7.716715e-05	-2.707970e-04	-3.110252e-04
## SPAC343.10	-4.580290e-04	1.402695e-03	-4.536120e-03	1.509288e-03
## SPAC343.11c	1.942607e-03	-2.777087e-03	9.102237e-04	1.860414e-03
## SPAC343.20	8.826470e-04	1.345182e-03	2.353914e-03	-1.950182e-03
## SPAC343.17c	3.994293e-04	1.870479e-05	-1.946234e-03	-8.125220e-04
## SPAC343.15	-1.341088e-04	-8.285604e-04	-5.205143e-05	4.987238e-04
## SPNCRNA.754	4.348100e-06	-3.365072e-06	2.806989e-06	1.997969e-06
## SPAC824.04	8.645287e-04	1.160986e-03	-2.168642e-03	7.903292e-04
## SPAC824.05	-6.695847e-04	1.069382e-03	-1.756457e-03	-3.480252e-05
## SPAC824.07	3.640714e-03	5.437569e-03	-3.347310e-03	-1.052683e-03
## SPAC824.08	1.022315e-03	7.028251e-05	-4.380345e-03	1.041738e-04
## SPATRNALYS.01	-2.668231e-03	-3.613601e-04	3.365607e-03	-2.026331e-03
## SPAC664.03	-2.083916e-04	-1.701275e-03	-3.655281e-03	4.483743e-03
## SPAC664.04c	2.119339e-03	2.530020e-02	2.916436e-05	-8.922268e-03
## SPAC664.07c	1.776950e-04	4.474455e-04	-5.309879e-04	6.233016e-04
## SPAC664.08c	-7.424949e-04	-9.337248e-04	1.053585e-03	-7.102718e-04
## SPAC664.09	1.010902e-04	-1.260391e-03	-2.838577e-03	2.535506e-03
## SPAC664.10	-1.607392e-05	1.403742e-04	-1.395645e-03	-1.048583e-03
## SPAC664.11	-2.804433e-02	-4.996908e-02	8.392740e-03	-2.298531e-02
## SPAC664.12c	7.176711e-04	4.445617e-04	-9.923262e-04	4.339848e-04
## SPAC664.14	-3.359038e-03	3.084282e-03	-3.295360e-04	3.084723e-03
## SPNCRNA.758	-6.975632e-05	-1.522736e-05	-4.853282e-05	-5.485744e-05
## SPACUNK12.02c	1.942041e-04	-2.278916e-04	-4.816411e-04	1.624044e-04
## SPAC105.01c	-9.055181e-05	-2.413004e-04	-7.602568e-04	-2.935300e-05
## SPAC17A5.18c	-2.005095e-04	6.497855e-05	-6.137661e-04	2.443641e-04
## SPAC17A5.02c	1.560244e-04	4.803251e-04	-1.342409e-03	-3.524326e-04
## SPAC17A5.03	1.211891e-02	-1.397533e-02	1.385207e-02	7.931654e-03
## SPAC17A5.04c	-4.474717e-04	6.036884e-04	-1.985839e-03	1.225552e-03
## SPAC17A5.19	1.891144e-04	3.759639e-05	-1.353770e-04	-1.147348e-04
## SPAC17A5.06	8.063338e-04	-3.878628e-04	-2.135057e-03	-4.198317e-04
## SPAC17A5.08	6.523602e-04	-5.783758e-05	2.518364e-04	-2.878309e-03
## SPAC17A5.10	1.379116e-04	2.101386e-05	-2.768629e-04	-2.485659e-04
## SPAC17A5.11	1.059185e-04	4.812327e-05	-1.269745e-04	9.759274e-05
## SPAC17A5.12	8.827135e-04	-4.809841e-05	-4.698070e-04	-3.381503e-04
## SPAC17A5.14	-1.838090e-04	2.898512e-04	-2.811410e-03	-6.255171e-04
## SPAC17A5.16	1.018753e-03	-1.922820e-03	-1.320844e-03	1.411277e-03
## SPAC1610.01	-3.508685e-04	4.959295e-04	-6.293955e-04	-6.866608e-05
## SPAC1610.02c	6.581910e-04	2.398055e-04	-2.878697e-04	-1.023713e-04
## SPAC1610.03c	1.296460e-04	-1.411123e-04	7.291987e-05	2.538196e-04

## SPAC1610.04	9.563338e-04	-8.260137e-04	8.411052e-04	7.560140e-04
## SPAC1002.02	5.615868e-04	-1.933901e-04	-4.900738e-04	-8.482052e-06
## SPAC1002.03c	2.078819e-03	1.133513e-03	-4.331889e-03	4.527552e-03
## SPAC1002.04c	5.585319e-04	7.613335e-04	-1.167624e-03	-6.808648e-04
## SPAC1002.05c	-1.215388e-05	6.737883e-04	-2.023646e-03	5.319063e-04
## SPAC1002.09c	-1.406857e-02	-3.821585e-03	1.364109e-03	-1.058785e-02
## SPAC1002.12c	-2.078081e-03	-1.673214e-03	-1.923456e-03	-6.518476e-04
## SPAC1002.20	-7.036136e-05	-4.036866e-04	7.481023e-04	-1.771571e-04
## SPAC1002.19	-1.387655e-02	-2.390200e-02	-2.580903e-03	1.150243e-02
## SPAC1399.04c	9.899553e-04	-1.273843e-03	-3.493104e-04	-7.217661e-04
## SPAC1399.03	1.311810e-03	-4.571540e-04	-1.090271e-03	5.051481e-04
## SPAC1399.01c	9.074299e-04	-5.617418e-04	8.351346e-05	2.877081e-04
## SPAP11E10.02c	3.307823e-04	-3.795656e-04	3.380660e-04	-3.214166e-04
## SPAPB1A10.02	4.592286e-04	-9.798877e-05	1.016046e-05	4.017591e-06
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	-1.474939e-04	-3.294832e-03	-1.967257e-03	-5.458248e-04
## SPAPB1A10.07c	1.386486e-03	5.033419e-04	-6.885899e-04	-7.902414e-04
## SPNCRNA.767	-8.510864e-05	4.498359e-04	-9.875526e-05	-5.064447e-04
## SPNCRNA.768	2.515058e-05	-2.158832e-04	-4.188384e-05	-1.265812e-04
## SPAPB1A10.08	4.106379e-04	-1.301902e-03	1.188939e-04	-2.196411e-04
## SPAPB1A10.10c	7.533276e-05	1.588834e-03	-1.413733e-03	6.047194e-04
## SPAPB1A10.11c	-4.798924e-04	7.389589e-04	-3.250783e-04	1.543046e-04
## SPAPB1A10.12c	2.925428e-03	-2.840514e-03	9.067543e-04	6.918971e-04
## SPNCRNA.769	-1.460901e-04	3.308830e-04	-6.159635e-04	4.080171e-04
## SPNCRNA.770	9.590265e-05	-7.370877e-05	3.181877e-05	-2.825438e-05
## SPAC140.02	2.499975e-02	4.224345e-02	4.440927e-02	3.321016e-03
## SPNCRNA.771	-2.581278e-05	3.045562e-05	-1.123986e-04	-2.964528e-04
## SPAC140.04	8.257525e-05	-6.915351e-05	-1.901956e-04	6.919386e-05
## SPAC110.02	8.020398e-04	-1.111023e-03	-3.814615e-04	-1.236704e-03
## SPNCRNA.773	4.371357e-05	1.339256e-04	-8.834666e-06	1.121860e-04
## SPAC110.04c	4.217552e-03	-2.601797e-02	6.509910e-03	-6.349301e-03
## SPAP14E8.02	6.178535e-03	4.065729e-04	-3.013535e-03	2.130354e-03
## SPAP14E8.03	1.285670e-04	1.733443e-03	-1.050584e-03	-5.808327e-04
## SPAP14E8.04	3.912170e-04	-1.376638e-04	-9.580101e-04	3.342058e-04
## SPAP14E8.05c	-7.014257e-05	3.207381e-04	-1.695484e-03	1.249497e-03
## SPAC3H1.03	1.291767e-04	-2.196406e-04	4.153859e-04	-8.842926e-05
## SPNCRNA.775	3.458602e-05	-6.152515e-05	6.267118e-05	-7.224689e-05
## SPAC3H1.08c	7.080237e-05	5.884153e-04	-9.135606e-04	-5.248850e-04
## SPNCRNA.776	3.453907e-05	-2.075856e-04	-1.376658e-05	-2.490505e-04
## SPAC3H1.10	-9.512596e-04	1.617729e-03	-1.760508e-03	7.843599e-04
## SPNCRNA.778	-4.228119e-06	-8.783396e-05	-2.163619e-04	3.795559e-04
## SPNCRNA.779	-6.675968e-05	2.205169e-04	1.854181e-04	-6.772636e-04
## SPNCRNA.780	9.525541e-05	3.085030e-05	-1.677219e-04	1.563383e-04
## SPNCRNA.782	-2.213641e-04	-7.163200e-05	-7.142021e-05	-1.356521e-04
## SPAC3H1.11	4.730639e-03	5.184131e-04	-1.246701e-03	-1.727275e-03
## SPAC3H1.14	3.505049e-04	6.881871e-04	-1.866593e-04	-3.201898e-04
## SPAC9G1.05	1.642219e-03	4.827194e-03	-6.900776e-03	-1.253516e-03
## SPAC9G1.06c	6.329292e-04	-4.444426e-04	-1.489522e-03	5.891042e-05
## SPAC9G1.07	2.185146e-04	-3.189691e-04	-5.185997e-05	1.653320e-04
## SPAC9G1.11c	-7.386161e-04	2.270212e-03	-3.266558e-03	6.103658e-05
## SPAC9G1.12	-4.755481e-04	-3.367525e-03	-1.322146e-03	2.972729e-03
## SPAC767.01c	-2.299323e-03	5.597150e-04	-9.999102e-03	-4.491428e-03
## SPNCRNA.786	9.681108e-05	1.773664e-04	9.801102e-05	9.741621e-05
## SPAC17H9.01	1.342595e-03	-2.051984e-03	-1.287009e-03	1.133499e-03

## SPAC17H9.05	1.127195e-03	3.915351e-04	1.870173e-03	-8.846388e-04
## SPAC17H9.06c	-6.102680e-04	8.017478e-05	-8.556275e-04	-2.703302e-04
## SPAC17H9.07	-8.290144e-04	1.717071e-03	-8.833903e-04	-5.544461e-04
## SPAC17H9.08	7.824710e-05	1.669353e-03	-1.241075e-03	2.880970e-05
## SPAC17H9.11	7.115200e-04	-1.290515e-03	7.022535e-04	-2.502814e-05
## SPNCRNA.788	-1.467251e-05	1.608993e-04	4.525191e-05	-2.020609e-04
## SPAC17H9.18c	-8.268349e-06	-2.469624e-05	8.775509e-06	2.087240e-05
## SPAC17H9.19c	3.436357e-04	-1.356379e-05	2.189587e-04	-6.187404e-06
## SPAC607.02c	5.094800e-04	1.084651e-04	4.043247e-04	-1.155628e-03
## SPNCRNA.789	-1.397653e-04	4.142954e-05	1.172373e-04	-2.217171e-04
## SPAC607.07c	1.748139e-03	1.466962e-03	1.073127e-03	-6.937661e-04
## SPAC607.08c	3.043560e-03	-1.085900e-03	9.327418e-04	2.652076e-03
## SPNCRNA.186	1.962477e-05	-4.611899e-05	4.083819e-05	3.713512e-05
## SPAC607.10	1.143076e-04	4.181559e-04	-1.793165e-03	9.590198e-05
## SPNCRNA.790	1.333662e-05	3.303366e-05	2.177423e-05	1.183352e-05
## SPAC3C7.01c	-1.201906e-03	-3.726663e-04	-2.109164e-03	1.609911e-03
## SPAC3C7.03c	1.646288e-04	3.324716e-04	-7.962638e-04	4.074718e-04
## SPAC3C7.04	-1.924480e-04	1.630088e-03	-2.288999e-03	2.616085e-03
## SPAC3C7.05c	3.449732e-03	2.664917e-03	-7.284345e-03	2.333743e-03
## SPAC3C7.06c	3.426055e-04	-7.640290e-04	-2.172407e-03	6.394305e-04
## SPAC3C7.07c	9.647942e-05	1.535190e-03	-1.265165e-03	1.832459e-04
## SPAC3C7.10	-1.914631e-04	-1.029960e-03	-7.744420e-04	6.218854e-04
## SPAC3C7.11c	-2.073080e-03	-3.064078e-02	1.798543e-03	1.928617e-03
## SPAC3C7.12	-2.828942e-04	-3.533435e-04	-2.255271e-03	-1.288695e-03
## SPAC3C7.13c	-6.149554e-04	-1.090010e-03	1.078164e-03	7.161789e-04
## SPNCRNA.792	-8.924580e-05	-4.969865e-05	-1.721888e-05	-1.872249e-04
## SPAC3C7.14c	3.722420e-02	-3.452916e-03	-1.228614e-02	-2.175042e-03
## SPAC25A8.01c	-2.884606e-03	2.501581e-04	-4.211530e-03	-2.029368e-03
## SPAC631.01c	1.000566e-03	-2.095285e-03	7.252591e-04	1.289918e-03
## SPAC20H4.01	1.096770e-03	-1.877992e-03	-2.646061e-04	1.046839e-03
## SPNCRNA.795	-3.123758e-04	-2.087798e-04	7.982444e-05	-3.129960e-04
## SPAC20H4.05c	8.168776e-05	7.475176e-04	-8.520530e-04	2.045967e-04
## SPAC20H4.06c	3.418806e-04	1.642339e-04	-9.030390e-04	-9.460629e-04
## SPAC20H4.07	1.941193e-05	1.073327e-03	-3.216061e-04	5.248115e-04
## SPNCRNA.796	-2.102174e-05	-1.895496e-04	-1.390645e-04	1.939964e-04
## SPAC20H4.11c	3.234068e-05	1.073825e-04	-2.639073e-04	-4.071888e-04
## SPAC23C11.02c	1.090521e-02	4.663434e-02	5.620885e-03	3.712402e-02
## SPAC23C11.06c	2.351566e-03	-1.606057e-03	-3.019031e-05	4.131818e-03
## SPNCRNA.798	1.406149e-04	-6.579039e-04	1.169226e-03	-6.449057e-05
## SPAC23C11.07	1.286215e-05	-9.972182e-05	5.051430e-05	1.642726e-04
## SPAC23C11.12	1.703942e-04	-5.445946e-05	-2.327862e-04	3.708825e-05
## SPAC23C11.13c	1.685075e-03	2.216031e-04	1.067451e-03	-1.848447e-03
## SPNCRNA.187	1.297933e-05	-2.519152e-05	-3.105805e-05	5.803532e-05
## SPAC23C11.16	1.052510e-03	-5.079104e-04	-6.266560e-04	4.424076e-04
## SPAC13F5.03c	2.768965e-04	-4.316925e-05	1.288659e-04	1.561727e-04
## SPAC13F5.04c	1.316459e-04	7.296550e-05	-1.075319e-04	2.042379e-04
## SPAC13F5.05	7.183196e-04	-8.260016e-04	-1.614329e-04	3.035596e-04
## SPAC1783.01	1.410603e-03	-6.807323e-04	-3.206301e-04	9.618779e-04
## SPAC1783.03	-4.357027e-04	4.422521e-04	-5.774496e-04	-2.965351e-04
## SPAC1783.05	3.624723e-04	-2.286662e-03	-3.431837e-03	3.850773e-04
## SPAC18G6.03	2.584538e-04	-1.109505e-03	-2.818297e-03	-1.506589e-03
## SPNCRNA.805	1.640153e-05	3.648626e-05	2.479844e-05	1.901718e-05
## SPNCRNA.188	-9.678617e-05	1.930526e-05	4.492335e-05	3.171298e-05
## SPAC18G6.15	1.880780e-03	-1.726771e-03	6.127412e-04	4.706497e-04

## SPAC13D6.01	5.421619e-04	-1.082343e-04	4.312570e-04	-1.054314e-04
## SPNCRNA.807	-1.413866e-04	2.108878e-04	3.353530e-04	-4.765142e-04
## SPAC13D6.03c	3.111212e-05	3.595606e-04	-1.242858e-03	-2.724793e-04
## SPAC4G9.04c	3.175805e-04	-1.653803e-05	-2.584170e-04	-2.951354e-06
## SPAC4G9.03	1.547836e-03	-1.561891e-03	-3.318323e-03	6.036302e-03
## SPAC4G9.05	1.198883e-04	6.221307e-05	-6.888633e-05	3.894499e-04
## SPAC4G9.06c	-2.820805e-04	-1.637404e-03	-8.375881e-04	1.308364e-03
## SPNCRNA.808	-2.330225e-05	6.718430e-05	-7.507259e-05	1.004303e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	-4.857155e-03	2.736651e-04	5.906830e-04	-1.068624e-02
## SPAC4G9.10	-3.116322e-03	5.490476e-04	1.005221e-03	-4.650245e-03
## SPAC4G9.11c	1.754426e-03	-2.297992e-04	6.288458e-04	2.490136e-04
## SPAC4G9.12	1.173077e-03	-1.005451e-03	-8.215246e-04	1.771233e-03
## SPAC4G9.14	-6.029801e-04	5.987434e-04	-1.629138e-03	-3.583470e-05
## SPAC4G9.15	1.953428e-03	3.521447e-03	-7.232540e-04	1.358278e-03
## SPNCRNA.809	-5.161547e-05	8.530518e-06	4.402249e-05	-2.589312e-05
## SPAC4G9.19	-1.244971e-06	-3.230710e-04	9.271922e-06	2.761138e-04
## SPAC4G9.20c	-1.128427e-03	-1.441321e-03	-1.835749e-03	-1.563422e-03
## SPNCRNA.810	-1.097072e-04	3.773239e-04	2.497227e-04	-3.255417e-04
## SPAC13G7.01c	3.321591e-04	1.808943e-03	-3.827700e-03	-2.451944e-04
## SPAC13G7.02c	-2.362141e-03	-1.181892e-02	-1.507467e-02	-2.622799e-02
## SPAC13G7.03	3.831337e-04	-6.169286e-05	-3.736884e-05	5.128113e-04
## SPAC13G7.04c	2.058855e-03	-1.799337e-03	-1.183537e-04	-6.923508e-04
## SPAC13G7.05	1.795881e-03	1.392724e-04	5.399363e-04	2.500656e-04
## SPAC13G7.06	-3.318275e-04	6.565770e-04	-4.357578e-03	-2.070952e-05
## SPAC13G7.10	6.810303e-04	-8.772273e-04	-6.789684e-05	9.811990e-04
## SPAC13G7.12c	1.528423e-04	-1.316864e-03	3.062578e-04	-5.706582e-04
## SPAC13G7.13c	7.465463e-04	-5.832248e-04	-1.854908e-05	-2.051609e-04
## SPNCRNA.812	-1.778601e-04	1.900312e-04	-2.495910e-04	4.581720e-04
## SPNCRNA.813	-4.635245e-05	5.607270e-05	-3.367248e-04	-1.704188e-04
## SPAC6C3.03c	-1.189342e-04	-4.882441e-05	5.149117e-05	-1.372433e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-1.605350e-05	1.894759e-04	-3.907800e-05	1.603141e-04
## SPNCRNA.815	2.250291e-04	-7.957852e-05	-2.090192e-04	5.562159e-04
## SPAC6C3.08	3.428097e-04	1.685746e-04	-1.291825e-03	1.212975e-03
## SPAC6C3.09	7.953867e-04	8.656851e-05	3.840622e-04	-4.511207e-04
## SPNCRNA.816	9.512280e-06	-1.811907e-04	2.534374e-04	-2.015900e-04
## SPAC17G8.03c	9.199567e-04	-1.133720e-03	-5.193934e-04	2.103451e-03
## SPAC17G8.15	-2.405765e-04	1.442239e-04	-2.707192e-04	4.692012e-04
## SPAC17G8.04c	1.163993e-03	-1.658549e-03	1.272556e-04	-6.079310e-04
## SPAC17G8.06c	-1.871577e-02	1.593580e-02	1.341801e-02	-8.321398e-03
## SPAC17G8.08c	-8.079559e-04	4.964725e-03	-7.791315e-04	1.526136e-03
## SPAC17G8.11c	1.340654e-03	-1.590859e-03	4.243572e-05	1.351525e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	-2.766913e-04	-6.838733e-04	-2.789465e-03	5.313597e-04
## SPAC17G8.14c	1.723909e-03	-2.629030e-03	6.284675e-04	1.262106e-03
## SPNCRNA.818	-1.403811e-05	-1.932155e-05	2.421577e-06	-7.095376e-05
## SPAC22H10.02	6.075852e-04	-4.919117e-04	7.727468e-04	-4.789064e-04
## SPNCRNA.820	-6.113982e-05	-2.563794e-05	-9.872777e-05	-2.401582e-05
## SPAC22H10.04	1.420105e-03	-2.634299e-04	-9.301033e-05	2.233386e-03
## SPAC22H10.05c	-1.563542e-03	-2.735761e-04	-2.591007e-03	-2.356723e-04

## SPAC22H10.06c	2.453963e-06	-1.742568e-05	-6.002858e-06	-3.632772e-05
## SPAC22H10.07	-3.505169e-04	-4.147168e-04	-1.344375e-03	-2.426327e-04
## SPAC22H10.08	-2.938981e-04	-4.449119e-04	-1.557998e-03	2.079221e-03
## SPAC22H10.11c	1.178115e-03	7.128069e-04	1.353631e-03	-8.289084e-04
## SPAC22H10.12c	3.892746e-03	2.410291e-03	-2.691259e-03	4.571040e-03
## SPAC15F9.01c	3.738203e-05	1.354331e-06	-4.897409e-05	1.571436e-04
## SPNCRNA.822	-1.568565e-05	1.284912e-06	-8.654229e-06	-6.146313e-05
## SPNCRNA.193	-1.295211e-05	-6.086630e-07	1.106838e-05	-1.897925e-05
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	6.690343e-04	-1.839134e-04	-1.001216e-04	3.136731e-04
## SPAC6B12.04c	5.526882e-04	-1.811973e-03	-6.583670e-04	-1.140476e-03
## SPNCRNA.824	5.883191e-06	-9.831374e-05	9.640566e-05	-7.039998e-05
## SPAC6B12.05c	-1.363148e-04	1.043657e-03	-2.411059e-03	-2.799866e-04
## SPAC6B12.06c	-2.219533e-04	2.961911e-04	-1.174336e-03	-2.300500e-04
## SPNCRNA.194	1.804628e-05	6.054112e-05	-9.134389e-05	5.947242e-05
## SPNCRNA.825	-3.088365e-05	-1.122245e-04	2.275521e-05	1.807839e-05
## SPAC6B12.19	9.430794e-05	5.163045e-05	-4.189885e-05	9.605836e-05
## SPAC6B12.09	-4.347591e-04	-1.079294e-03	-5.528160e-04	-6.058133e-04
## SPAC6B12.10c	3.927646e-04	-1.004114e-03	4.112226e-05	1.092010e-04
## SPAC6B12.11	1.476413e-04	-6.037517e-04	7.729823e-05	8.715651e-04
## SPNCRNA.43	8.726498e-06	-6.478107e-06	3.757941e-05	-1.112278e-05
## SPATRNATHR.02	-1.637642e-03	-1.072113e-03	1.467166e-03	9.804681e-04
## SPAC6B12.12	3.522860e-03	2.757136e-03	1.730712e-03	2.968866e-03
## SPAC6B12.14c	-4.709097e-04	2.734867e-04	-5.541241e-04	2.730484e-04
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	6.960881e-06	9.404056e-07	2.812596e-06	-5.444853e-06
## SPAC6B12.16	2.157755e-05	-4.737159e-05	3.227105e-05	4.080857e-06
## SPNCRNA.827	1.575501e-04	1.890871e-04	1.129707e-04	-2.425200e-04
## SPAC32A11.04c	9.905251e-04	-2.878285e-03	1.407479e-03	7.372502e-04
## SPAC32A11.01	-4.039982e-04	3.521472e-05	5.177236e-04	-1.003991e-03
## SPAC32A11.03c	1.036476e-03	-1.172895e-03	-4.920974e-03	2.242210e-05
## SPAC19A8.15	1.154853e-03	-1.115897e-02	9.925638e-04	5.752019e-03
## SPAC19A8.14	-1.004198e-03	4.580580e-04	-1.631697e-03	1.856416e-03
## SPAC19A8.16	7.188988e-04	4.354802e-03	-6.186935e-03	1.710342e-03
## SPAC19A8.06	2.681232e-04	1.723895e-03	-1.429444e-03	4.362288e-04
## SPAC23H3.02c	5.492422e-04	-9.562570e-04	-4.727008e-04	1.979176e-03
## SPAC23H3.03c	3.484181e-04	7.153712e-04	-5.256483e-04	-4.339307e-04
## SPNCRNA.558	-3.969034e-06	8.375604e-07	5.565392e-06	-1.285537e-05
## SPNCRNA.830	1.261165e-04	2.429966e-05	1.726996e-04	4.496563e-05
## SPAC23H3.07c	-2.391390e-04	1.292668e-03	-2.206720e-03	-2.512686e-04
## SPAC23H3.09c	1.618652e-03	-1.203076e-02	1.053122e-02	-1.544769e-04
## SPATRNACYS.02	7.177057e-04	5.298048e-04	7.248699e-03	-5.842283e-03
## SPAC23H3.10	1.806661e-03	1.374175e-03	-3.296256e-03	1.274419e-03
## SPAC23H3.11c	1.867686e-04	-4.165503e-04	-2.208060e-04	6.901466e-04
## SPAC23H3.12c	2.178481e-04	-5.046836e-05	5.743008e-05	-3.376958e-04
## SPAC23H3.14	1.114593e-04	-2.035964e-05	-6.242283e-05	-2.574532e-04
## SPNCRNA.832	-6.611048e-05	-2.457108e-04	1.061886e-04	-7.636379e-04
## SPAC25H1.02	7.691966e-04	-5.623948e-04	1.206486e-03	8.362508e-04
## SPAC25H1.03	1.595511e-04	9.953528e-07	1.365743e-03	-1.789113e-05
## SPAC25H1.10c	2.317291e-04	1.460694e-03	2.268745e-04	4.595822e-04
## SPAC25H1.09	3.358389e-04	1.067861e-04	2.229189e-04	-2.365632e-04
## SPAC4A8.02c	1.875328e-03	-2.492027e-03	3.027974e-04	5.959203e-04
## SPAC4A8.03c	6.844345e-04	6.860778e-04	-1.161620e-03	6.195306e-04
## SPNCRNA.834	-1.343775e-05	2.669893e-05	-1.913482e-04	-2.049672e-04

## SPNCRNA.835	-1.208051e-05	2.110913e-05	5.365112e-06	-3.743104e-05
## SPAC4A8.06c	-1.591678e-03	4.655692e-03	-3.630838e-03	7.606042e-04
## SPAC4A8.09c	-1.191952e-03	1.693297e-03	-1.693823e-03	6.324360e-04
## SPAC4A8.11c	-7.891037e-03	-3.998896e-02	8.255385e-03	-2.831434e-02
## SPAC4A8.13c	-7.272484e-04	7.096721e-03	-2.818391e-03	1.104360e-03
## SPAC4A8.15c	3.688810e-03	2.644983e-04	1.991796e-03	4.404870e-03
## SPAC4A8.16c	1.661309e-02	-2.222508e-02	2.827309e-02	1.357409e-02
## SPNCRNA.840	1.598726e-05	-5.056731e-04	1.139134e-03	-2.949875e-05
## SPAC823.02	-5.783787e-04	1.744528e-03	3.889524e-03	-5.889485e-04
## SPAC823.04	3.455120e-04	3.721710e-04	2.956757e-05	5.662734e-04
## SPAC823.05c	1.398065e-04	1.401850e-03	-2.353978e-03	1.382944e-03
## SPAC823.06	1.267028e-04	-4.107704e-05	-1.078153e-04	-1.902249e-05
## SPAC823.08c	1.996481e-04	7.464884e-04	-4.603142e-04	-7.568158e-04
## SPAC823.09c	-6.261730e-04	-4.556367e-04	-1.199940e-03	6.450935e-04
## SPAC823.10c	3.359939e-04	5.964722e-04	-5.531172e-04	6.866766e-05
## SPAC823.15	5.629592e-04	-3.798979e-04	1.472804e-05	-5.751664e-04
## SPAC7D4.13c	4.735374e-04	-2.504430e-04	1.392089e-04	5.060782e-04
## SPAC7D4.12c	-5.790355e-05	-2.082264e-05	-1.089094e-03	7.560983e-04
## SPAC7D4.10	9.639255e-04	-6.391957e-04	6.749765e-04	-7.738159e-04
## SPNCRNA.842	-1.945285e-05	-5.458754e-05	2.432567e-05	2.529345e-05
## SPAC7D4.15c	2.239887e-05	3.062643e-05	-2.560575e-04	3.497868e-04
## SPAC7D4.07c	9.508055e-03	1.964245e-03	1.102879e-02	-3.193152e-03
## SPSNORNA.12	-2.266746e-02	-8.596798e-03	1.204522e-03	1.521816e-02
## SPAC7D4.05	-1.068203e-04	1.406944e-04	-6.634610e-04	9.779924e-04
## SPAC7D4.02c	-1.005972e-04	-7.332577e-05	-3.491545e-04	-4.495554e-04
## SPAC4F8.13c	2.389062e-03	1.844573e-03	-5.944365e-03	1.292808e-04
## SPAC4F8.11	9.426599e-05	-1.678436e-03	-3.360986e-03	1.390077e-03
## SPAC4F8.08	-2.743026e-05	4.962969e-05	5.968001e-05	-1.696178e-04
## SPNCRNA.201	4.277838e-05	-4.776902e-05	2.001065e-05	-1.810443e-06
## SPAC4F8.06	1.159028e-03	5.513294e-04	-1.087741e-03	2.612690e-04
## SPAC4F8.05c	6.519035e-04	-5.443701e-04	-9.066631e-04	-1.760636e-04
## SPAC4F8.04	2.690090e-04	-1.086962e-03	7.516686e-04	-9.985558e-04
## SPAC644.06c	2.800609e-03	-4.852781e-04	2.237475e-03	1.717476e-03
## SPNCRNA.844	-5.456187e-04	5.073544e-04	-2.682855e-04	-3.668802e-04
## SPATRNLALYS.04	-8.336723e-05	4.215478e-04	8.372414e-04	-5.257722e-04
## SPAC644.07	9.244165e-04	4.782441e-04	-2.906983e-04	1.302271e-03
## SPAC644.09	-1.241328e-04	-7.906851e-04	-1.013272e-04	-1.920130e-03
## SPAC644.10	2.176371e-04	-2.135627e-04	-6.718448e-04	4.114634e-04
## SPAC644.12	7.713809e-04	3.549083e-05	-1.788515e-03	-1.137438e-03
## SPAC644.13c	-8.196236e-04	1.014459e-03	-1.917534e-03	3.307523e-04
## SPAC644.17c	1.417531e-03	3.646693e-04	-9.734964e-04	3.205053e-04
## SPNCRNA.198	-1.501927e-06	1.520919e-05	-9.686563e-06	-7.154821e-06
## SPAC644.18c	-6.865097e-04	-8.334831e-04	7.997362e-04	6.971149e-04
## SPAPB2B4.01c	3.828994e-04	4.898915e-04	-7.233045e-04	4.936095e-04
## SPSNORNA.54	1.349232e-03	-1.301856e-02	2.143496e-03	1.046305e-02
## SPNCRNA.846	-1.503500e-04	-2.639187e-04	-6.296463e-05	-1.601054e-04
## SPAPB2B4.05	-7.728613e-04	-1.147310e-03	-3.138584e-03	1.135013e-03
## SPAPB2B4.06	3.417180e-05	1.396962e-05	-1.297996e-04	6.160204e-04
## SPAPB2B4.07	3.495071e-04	7.726661e-04	-1.430572e-03	4.703730e-04
## SPAC6F6.01	-6.121344e-04	-1.164066e-03	-1.848727e-03	2.425201e-05
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	3.527332e-05	3.717026e-05	4.391257e-05	-7.547802e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	3.272984e-05	2.321825e-05	-3.090515e-05	-1.934726e-04

## SPAC6F6.05	2.185252e-04	5.127451e-03	-1.068681e-03	1.286672e-04
## SPAC6F6.06c	2.056769e-03	4.719225e-03	-8.069180e-03	2.153793e-03
## SPAC6F6.07c	3.188855e-02	-2.548259e-02	1.703550e-02	2.484996e-02
## SPAC6F6.12	1.197170e-03	1.261045e-03	-2.087752e-03	7.542336e-04
## SPNCRNA.850	-1.430661e-04	7.620671e-05	1.148426e-04	-1.054261e-04
## SPNCRNA.851	2.346867e-06	2.012754e-04	-3.151681e-04	1.852032e-04
## SPAC6F6.19	3.579204e-04	-2.874689e-04	1.014774e-04	1.966345e-04
## SPAC6F6.15	2.262693e-04	-1.309606e-03	-6.734499e-04	8.903650e-04
## SPAC6F6.16c	-2.528625e-04	-4.471163e-04	-1.075250e-03	-8.650529e-04
## SPAC1805.01c	1.773484e-03	1.847717e-03	-2.952257e-03	1.155216e-03
## SPAC1805.02c	2.336042e-03	1.738263e-03	-1.779419e-03	7.619450e-04
## SPAC1805.06c	7.362890e-04	2.222834e-03	-1.353377e-03	-1.843167e-03
## SPNCRNA.853	9.513580e-05	8.441611e-05	-1.600433e-04	-4.971293e-05
## SPAC1805.07c	3.133609e-05	-4.307400e-04	4.890989e-05	1.035084e-05
## SPNCRNA.854	-1.180963e-05	5.052912e-04	5.224131e-04	7.646972e-04
## SPAC1805.08	8.022048e-04	-1.286779e-03	4.596541e-04	6.987540e-04
## SPAC1805.18	9.305309e-05	3.267576e-05	2.305287e-04	9.045761e-05
## SPAC1805.09c	-2.906421e-04	-2.943863e-04	1.211237e-04	-1.228246e-04
## SPAC1805.10	3.172909e-04	-2.012580e-04	-1.453415e-03	1.526600e-04
## SPAC1805.12c	6.170683e-03	1.650847e-02	7.264297e-03	4.244166e-03
## SPAC1805.13	9.412711e-03	1.005709e-02	6.895607e-03	8.562346e-03
## SPATRNALEU.02	-5.604182e-03	-1.367210e-03	2.119985e-03	-8.764593e-03
## SPAC1B2.02c	9.368882e-05	8.044264e-04	-3.738697e-03	2.585325e-04
## SPAC1B2.03c	1.083613e-02	7.716032e-03	-2.910939e-03	2.583234e-03
## SPAC1B2.04	1.505026e-03	-3.075681e-04	9.835552e-04	1.250504e-05
## SPAC1B2.05	1.155239e-03	2.381808e-04	-2.023905e-03	2.465845e-03
## SPAC3F10.03	8.223407e-04	-5.058597e-03	3.964317e-03	-4.922362e-03
## SPAC3F10.04	3.469504e-05	3.367890e-04	-1.692827e-03	-2.884566e-03
## SPAC3F10.06c	-1.581025e-04	-1.266662e-04	-1.441072e-03	5.460298e-04
## SPNCRNA.855	-5.892921e-06	-1.277727e-04	-1.072306e-05	-3.427699e-05
## SPAC3F10.09	2.042843e-04	1.861347e-03	-1.949279e-03	1.883437e-03
## SPAC3F10.11c	2.151877e-03	1.105316e-03	-2.591937e-03	-1.381194e-03
## SPATRNNATHR.03	-6.159547e-03	-4.911083e-03	2.170135e-03	5.587113e-04
## SPAC3F10.15c	1.664855e-03	2.631234e-04	9.062846e-04	8.344186e-04
## SPAC3F10.13	1.821219e-03	-2.441594e-03	6.751283e-04	5.143148e-04
## SPAC3F10.16c	6.384070e-04	8.013425e-05	-3.179709e-04	8.642460e-04
## SPAC3F10.17	1.502657e-03	-5.252168e-04	-7.062409e-04	1.512908e-03
## SPAC3F10.18c	9.709577e-03	1.979043e-02	3.810213e-02	-7.834414e-03
## SPAC8F11.03	-1.552367e-03	-2.686665e-04	-5.165953e-03	1.742882e-03
## SPNCRNA.856	-5.071156e-06	-8.761675e-05	2.802886e-05	1.300736e-04
## SPAC8F11.04	1.231027e-03	-1.866077e-03	2.401551e-03	1.833353e-03
## SPAC8F11.08c	-3.067109e-03	-6.520340e-03	-9.422116e-03	1.050692e-02
## SPAC8F11.09c	5.493346e-04	1.866369e-03	-8.734232e-04	-2.560839e-04
## SPNCRNA.857	-7.818238e-04	6.930106e-04	-1.318545e-03	-5.454715e-04
## SPACUNK4.17	1.717015e-02	-1.755480e-02	4.823626e-02	1.874624e-02
## SPACUNK4.19	5.592032e-05	-2.798400e-05	3.216498e-04	-7.474051e-05
## SPACUNK4.16c	-1.961620e-03	-5.858086e-03	-4.492032e-04	-4.544822e-03
## SPACUNK4.15	5.085819e-03	-2.612249e-04	-1.229385e-03	2.978420e-03
## SPACUNK4.14	2.971674e-04	9.526344e-05	-6.196021e-04	5.535023e-04
## SPNCRNA.56	-6.038861e-06	2.028447e-04	5.615472e-05	-8.768707e-05
## SPACUNK4.12c	-9.493297e-05	-1.697188e-03	-1.850854e-03	1.739853e-03
## SPACUNK4.11c	2.475978e-05	-4.486566e-04	8.214177e-04	5.254237e-04
## SPACUNK4.20	-4.592596e-05	-5.010854e-05	-1.240556e-04	4.115756e-05
## SPACUNK4.09	1.341184e-04	-2.861592e-04	-6.983116e-04	-9.148496e-04

## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	-5.515413e-04	2.595241e-03	-5.018967e-03	-5.150991e-04
## SPAPYUK71.03c	3.427717e-04	-4.794230e-03	-2.565396e-03	3.801934e-03
## SPNCRNA.209	1.203610e-05	-1.585164e-05	5.830579e-05	-9.235039e-05
## SPAC513.04	-3.751025e-05	1.033695e-04	-1.344970e-04	1.250535e-04
## SPAC513.06c	1.130556e-03	1.589681e-03	-3.333795e-03	-1.375567e-03
## SPAC513.07	-1.783529e-03	-4.027839e-04	-1.484094e-03	-4.366941e-03
## SPAC2E1P3.02c	-1.891473e-04	-2.768654e-05	-1.366830e-05	-5.245089e-05
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-1.808003e-05	5.043158e-05	6.639415e-05	-6.842654e-05
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	7.324393e-05	1.956991e-03	1.372488e-03	-2.050346e-03
## SPNCRNA.861	-3.866452e-04	3.048768e-04	-7.148632e-05	-2.782681e-05
## SPNCRNA.862	3.133225e-04	9.116963e-04	-7.665642e-04	7.320830e-04
## SPNCRNA.863	-1.602164e-03	-1.543440e-04	1.112032e-03	-2.892847e-03
## SPAPB24D3.01	1.496512e-04	-1.615658e-03	-1.127250e-03	-6.793270e-04
## SPAPB24D3.02c	1.163035e-03	6.883444e-04	-2.414862e-03	-1.534139e-05
## SPAPB24D3.03	-1.238413e-03	-1.031183e-03	-2.239977e-03	-2.582143e-03
## SPAPB24D3.04c	1.735880e-04	1.197670e-05	-7.129566e-04	3.752878e-04
## SPAPB24D3.07c	-3.851906e-03	-6.219247e-03	-8.919515e-03	1.925079e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	6.498151e-03	1.585620e-03	2.461674e-03	6.779343e-03
## SPAPB24D3.10c	4.534029e-04	-6.398634e-04	-2.291016e-04	8.897970e-04
## SPNCRNA.867	3.613327e-04	1.052397e-04	1.097990e-06	-6.503053e-05
## SPNCRNA.868	-2.314397e-05	-4.474019e-05	-7.286514e-05	-8.298995e-05
## SPNCRNA.869	1.869376e-06	-3.853704e-06	-3.892163e-06	6.512102e-05
## SPAPB1A11.04c	6.060911e-04	1.110307e-03	-2.149257e-03	1.442650e-03
## SPAC31G5.02	-2.008431e-04	1.181776e-03	-1.981350e-03	2.481515e-03
## SPNCRNA.870	-3.633808e-05	5.670191e-05	5.027911e-05	-2.917383e-05
## SPAC31G5.04	1.191833e-03	-5.318476e-03	5.664680e-03	-2.817046e-03
## SPAC31G5.06	-4.378460e-05	2.120603e-05	-5.642878e-06	-1.297082e-04
## SPNCRNA.871	-1.844143e-04	7.197124e-05	-2.687253e-05	9.044032e-05
## SPAC31G5.08	8.018637e-04	2.466904e-03	-2.854847e-03	4.898058e-04
## SPNCRNA.71	1.750872e-05	6.426975e-05	-2.480969e-04	9.363304e-05
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	5.634358e-04	6.467864e-04	-8.403806e-05	8.111593e-04
## SPAC31G5.11	4.835779e-03	2.549033e-03	-9.193854e-03	1.088494e-02
## SPAC31G5.21	1.171169e-03	-4.325305e-04	7.011154e-04	4.145657e-04
## SPNCRNA.874	2.600539e-05	-7.172959e-05	4.330983e-06	-4.019280e-06
## SPAC31G5.14	2.819722e-04	5.714705e-03	-1.856682e-03	-3.073294e-03
## SPAC31G5.16c	1.912522e-03	-9.798301e-04	-5.229998e-04	1.379642e-03
## SPAC31G5.18c	4.638769e-04	3.274548e-04	-1.422691e-03	2.233799e-04
## SPAC31G5.19	8.045717e-04	-1.972871e-03	-1.354978e-03	1.019349e-03
## SPNCRNA.876	1.661416e-05	8.694495e-05	-9.455137e-05	-6.361416e-05
## SPNCRNA.877	4.245891e-05	-3.566290e-05	5.089601e-05	-1.131616e-04
## SPAC1786.02	9.084905e-04	1.716039e-03	-8.087648e-03	2.887823e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	6.078362e-04	-1.403286e-03	-9.831231e-04	1.106037e-03
## SPAC24C9.02c	6.621670e-04	1.602484e-04	-8.109422e-04	1.635384e-03
## SPAC24C9.04	7.383484e-04	1.662906e-03	-3.074891e-03	1.432812e-03
## SPAC24C9.05c	-1.857155e-03	-8.759155e-05	-3.978416e-03	1.095526e-03
## SPAC24C9.07c	3.548847e-04	-8.169840e-04	-3.674636e-04	-3.043138e-04
## SPNCRNA.881	-5.886297e-05	6.853532e-05	-2.657468e-05	3.957999e-05
## SPNCRNA.882	-2.792100e-06	2.263627e-06	-3.229806e-05	2.009749e-05

## SPAC24C9.08	-1.814068e-03	8.649178e-04	-5.578548e-03	-2.196539e-03
## SPAC24C9.10c	6.597103e-04	-8.952210e-04	1.716366e-04	9.677436e-04
## SPAC24C9.11	-1.047761e-03	1.192555e-03	-1.720313e-03	9.612740e-04
## SPAC24C9.12c	1.394417e-02	-1.844738e-02	5.016247e-03	9.038495e-03
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	1.413334e-03	1.504345e-03	-7.012582e-04	8.611814e-04
## SPNCRNA.884	8.739697e-06	6.247851e-05	-2.972618e-05	2.218355e-05
## SPATRNALYS.05	6.930735e-06	2.171058e-04	2.955707e-04	-4.856448e-04
## SPAC16A10.05c	-9.772920e-04	-7.391972e-04	1.529768e-04	1.552126e-04
## SPAC16A10.06c	1.422374e-04	-2.323621e-04	-3.356888e-04	7.370370e-04
## SPAC16A10.07c	-4.228948e-04	1.246655e-03	-4.118697e-03	3.974744e-04
## SPNCRNA.885	-3.328174e-04	-4.163460e-04	-4.540026e-04	-3.704914e-04
## SPAC16A10.08c	-7.114624e-05	-2.735296e-04	-3.979291e-04	9.350128e-06
## SPAC589.03c	4.347631e-05	-1.175208e-04	-5.402850e-04	-3.090049e-04
## SPAC589.06c	-4.174022e-04	-7.576456e-03	-2.260293e-03	4.017384e-04
## SPAC589.08c	-3.861723e-05	-8.387364e-05	2.940807e-04	9.116409e-05
## SPAC589.11	9.854162e-05	-2.083400e-05	1.641203e-04	4.327998e-05
## SPAC688.02c	1.953584e-04	2.993960e-04	-9.109285e-04	-2.717776e-04
## SPAC688.06c	6.853426e-05	3.072840e-05	8.137485e-06	-1.389458e-04
## SPAC688.07c	2.097589e-03	2.249981e-04	-2.950687e-03	-3.431457e-03
## SPAC688.08	1.875841e-03	-8.520535e-04	-3.413698e-03	3.049749e-03
## SPAC688.09	-8.480034e-04	5.016907e-04	-1.390663e-03	-1.836222e-03
## SPNCRNA.888	-1.193675e-05	-1.175623e-04	-4.372375e-05	-1.803813e-04
## SPNCRNA.889	-3.688791e-04	-2.928838e-04	-2.496396e-04	-6.374465e-04
## SPAC688.13	2.370258e-04	2.760822e-04	2.931906e-04	7.451982e-05
## SPNCRNA.890	1.688086e-04	-1.760247e-04	-9.852239e-05	8.663683e-05
## SPAC688.14	-1.423070e-04	-1.963709e-04	-1.247871e-03	1.690226e-04
## SPAC688.16	-3.812630e-04	-2.825141e-04	-3.622539e-05	-1.063092e-04
## SPNCRNA.891	4.675958e-05	-5.678452e-05	-5.796804e-05	1.054489e-04
## SPAC3G9.15c	5.274812e-04	-1.063167e-03	7.643791e-04	1.567892e-04
## SPNCRNA.216	4.544598e-06	-2.477095e-06	-3.413535e-06	-5.509139e-06
## SPAC3G9.13c	6.050217e-04	1.122315e-03	-1.536738e-03	4.452234e-04
## SPNCRNA.217	4.013093e-05	-3.188404e-05	3.128077e-05	4.547275e-05
## SPAC3G9.11c	1.104009e-04	-7.058133e-05	-2.777397e-05	6.697892e-05
## SPAC3G9.17	-2.468281e-04	1.501850e-04	-3.118871e-04	4.983400e-05
## SPATRNATHR.04	-3.143436e-02	-3.104010e-02	2.101899e-02	-1.230943e-02
## SPNCRNA.218	-6.028518e-06	-7.051416e-05	1.770766e-04	4.983953e-04
## SPNCRNA.892	-4.631105e-05	1.758023e-04	7.270375e-05	-3.019878e-04
## SPAC3G9.09c	1.988779e-03	-3.315619e-03	1.108665e-02	2.520352e-03
## SPAC3G9.07c	3.650930e-04	1.068813e-03	-1.174645e-03	5.912703e-04
## SPAC3G9.06	1.077990e-03	-3.849617e-04	7.550457e-04	4.620190e-03
## SPAC3G9.03	-2.330828e-03	2.612484e-02	9.435659e-04	5.364076e-02
## SPAC3G9.01	4.138014e-04	-3.694038e-04	4.118236e-05	-3.772468e-04
## SPAC1486.01	2.720433e-03	-6.301571e-04	-5.670230e-03	3.797000e-03
## SPAC1486.05	-9.260878e-04	1.173756e-02	-3.483761e-02	1.752310e-04
## SPNCRNA.894	-5.755300e-05	-5.504033e-05	-1.056578e-04	1.316770e-04
## SPAC1486.11	4.949214e-05	3.182072e-04	-1.687244e-06	-1.634620e-04
## SPAC1486.07c	9.715322e-04	5.458793e-04	-7.860036e-04	1.806446e-04
## SPAC1486.08	6.118794e-04	3.611728e-04	1.128952e-05	-3.237073e-04
## SPAC1486.10	5.743658e-04	5.139175e-04	-2.318480e-03	2.036130e-03
## SPAC6G10.02c	-4.346194e-04	2.087505e-03	-6.879817e-03	3.933491e-04
## SPAC6G10.03c	1.488289e-03	-1.847301e-03	3.180822e-04	-3.089664e-04
## SPAC6G10.04c	1.823735e-03	3.984187e-03	-5.146785e-04	-4.851810e-03
## SPAC6G10.05c	3.831609e-04	1.221819e-03	-4.986731e-03	1.550200e-03

## SPNCRNA.896	2.448739e-04	-5.458187e-04	4.971416e-04	1.371276e-04
## SPAC6G10.07	2.450866e-03	2.126021e-03	-2.370940e-04	1.249805e-03
## SPAC6G10.08	6.967249e-03	-1.754395e-03	3.198628e-03	3.108351e-03
## SPAC6G10.09	5.470135e-03	-5.312597e-05	-1.590143e-03	3.553312e-03
## SPAC6G10.10c	2.423758e-05	-4.343277e-05	-8.447307e-05	-1.475469e-04
## SPAC6G9.02c	-1.342984e-03	2.409082e-03	-5.197020e-05	1.963543e-03
## SPAC6G9.03c	-1.356463e-04	1.437343e-04	-9.845550e-04	9.842586e-04
## SPAC6G9.09c	1.439970e-02	2.672800e-03	-7.838314e-04	1.861447e-02
## SPAC6G9.12	2.285400e-03	-1.437707e-03	-8.306631e-04	1.590698e-03
## SPNCRNA.899	3.528677e-05	-6.324130e-05	-4.046836e-05	1.484344e-04
## SPAC6G9.15c	7.571760e-04	4.515440e-04	-2.486290e-03	1.125826e-03
## SPAPB1E7.01c	-2.511499e-04	1.210122e-04	-4.080255e-04	-5.655899e-04
## SPAC652.01	1.082330e-03	3.879863e-04	-5.047514e-04	6.122354e-04
## SPAPB1E7.03	-5.972545e-04	2.540835e-04	-1.159430e-03	3.287912e-04
## SPAPB1E7.04c	1.886435e-02	7.662150e-03	-3.162077e-03	2.313094e-03
## SPAPB1E7.06c	2.923472e-04	-3.553638e-04	-3.690262e-04	-2.318022e-05
## SPNCRNA.900	-9.949710e-05	-8.796357e-05	3.210886e-04	-2.843953e-04
## SPAPB1E7.07	-1.495166e-02	-1.096334e-02	8.393579e-03	2.833252e-03
## SPNCRNA.901	-1.225666e-04	1.119310e-05	-4.664390e-05	-6.708073e-05
## SPSNORNA.43	3.240636e-06	5.199937e-06	-1.921600e-06	-4.121766e-06
## SPAPB1E7.10	9.560811e-05	-1.086164e-04	5.434092e-05	4.278908e-04
## SPAC2E1P5.01c	1.298866e-03	1.852791e-03	-2.965531e-03	1.732630e-04
## SPAC2E1P5.03	6.681482e-04	2.962476e-03	-1.336534e-03	-9.569389e-04
## SPAC2E1P5.05	-1.451233e-03	1.210619e-03	-9.996765e-04	9.204435e-04
## SPAC26A3.02	6.802636e-04	6.079593e-04	-2.603587e-03	1.161568e-03
## SPAC26A3.05	2.000928e-03	-2.439955e-02	-6.109830e-03	1.921210e-02
## SPAC26A3.08	1.121660e-03	-2.428218e-03	-2.377082e-04	3.674805e-03
## SPAC26A3.09c	8.723142e-04	-1.522596e-03	-4.876456e-04	1.419268e-04
## SPAC26A3.10	-8.643411e-05	2.373451e-03	-4.683816e-03	5.621676e-04
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	2.014099e-03	-2.128945e-03	-1.391462e-03	2.153176e-03
## SPAC8E11.12	8.180152e-06	1.015715e-05	-3.685251e-05	-6.942846e-05
## SPNCRNA.903	9.382041e-05	-5.461079e-05	-1.764387e-04	2.186058e-04
## SPAC8E11.08c	-1.283115e-04	-2.781931e-04	-1.394810e-04	2.186440e-04
## SPAC8E11.06	-5.358178e-05	1.139969e-06	1.632943e-04	-6.468696e-05
## SPAC8E11.04c	3.844185e-04	1.669263e-03	-6.545447e-04	-8.930788e-05
## SPNCRNA.904	-1.804161e-04	-7.331855e-05	1.890766e-04	-3.582524e-04
## SPAC8E11.03c	-1.452391e-06	-2.448463e-05	7.506670e-05	7.944227e-05
## SPAC8E11.02c	1.112160e-02	-1.714948e-02	7.380849e-03	1.019054e-02
## SPAC959.02	8.700228e-04	-2.775435e-03	-1.635709e-03	6.992536e-04
## SPAC959.03c	-2.168985e-04	1.615851e-03	-8.211326e-04	6.353682e-04
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-7.007518e-05	-1.342365e-04	2.930428e-04	-4.464123e-04
## SPAC959.05c	2.286035e-04	5.237644e-05	-1.176064e-03	5.624233e-04
## SPAC959.07	1.493422e-02	-8.860246e-03	1.862819e-02	2.040557e-02
## SPAC959.09c	1.850339e-04	3.832057e-04	-7.245203e-04	1.021577e-04
## SPAP32A8.02	3.190661e-03	4.829669e-04	8.498781e-04	1.755385e-03
## SPAP32A8.03c	-9.998948e-05	-1.103514e-03	-4.719789e-04	-3.662845e-04
## SPAC3H5.10	1.024320e-02	3.927363e-02	-9.484393e-03	5.530751e-02
## SPAC3H5.08c	6.906534e-04	-4.742599e-04	-2.711312e-03	9.388090e-04
## SPAC3H5.06c	5.055862e-04	-9.356987e-04	-2.177951e-03	-1.248385e-03
## SPAC3A11.13	2.271398e-04	6.062153e-04	6.574037e-05	-2.590451e-04
## SPAC3A11.12c	3.920778e-03	-4.471292e-03	2.089512e-03	1.770805e-03
## SPAC3A11.10c	9.967794e-04	1.917890e-04	-3.608116e-03	1.017759e-03

## SPAC3A11.09	-1.703975e-03	-1.777718e-03	-3.613994e-03	-1.067292e-03
## SPNCRNA.909	-1.670456e-04	3.401897e-04	-2.692544e-04	-6.332132e-04
## SPNCRNA.910	1.687263e-05	-1.130431e-04	1.312696e-04	-1.294321e-04
## SPAC3A11.05c	5.770505e-04	-3.809851e-04	3.545490e-04	4.717869e-04
## SPAC3A11.04	2.908703e-04	-1.380913e-04	-1.372424e-04	-9.435144e-05
## SPAC3A11.03	3.310259e-04	2.832930e-04	-3.723117e-04	9.425092e-04
## SPAC3A11.02	7.275353e-04	-6.642987e-04	-3.436809e-04	4.161045e-04
## SPAC328.04	2.125854e-03	1.298407e-04	-5.093691e-04	3.444708e-03
## SPAC328.05	-5.899098e-06	-1.011656e-03	-6.345277e-04	1.233565e-03
## SPAC328.06	2.709816e-03	-1.282367e-03	-2.056211e-03	3.097715e-03
## SPAC328.08c	3.174068e-04	-1.589717e-04	-1.297830e-04	3.819276e-04
## SPAC328.10c	4.036437e-03	2.517562e-02	7.114568e-03	7.081680e-05
## SPNCRNA.222	-6.366561e-06	-5.120003e-06	5.064885e-06	-1.255792e-05
## SPAC16E8.02	2.872985e-04	-2.030850e-04	-7.056244e-04	1.406323e-04
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	6.254779e-05	1.619846e-04	-2.829275e-04	5.627480e-06
## SPAC16E8.06c	-1.675001e-03	-1.868314e-03	-4.729957e-04	-1.143650e-03
## SPAC16E8.07c	-1.079066e-04	1.491198e-03	-1.087835e-03	3.145050e-03
## SPAC16E8.09	9.712028e-04	-6.898878e-04	-1.585809e-03	1.433152e-03
## SPAC16E8.13	-3.071285e-04	-2.583825e-04	3.871238e-05	1.633510e-04
## SPAC16E8.15	7.425068e-04	-6.541636e-04	1.768564e-03	4.811213e-03
## SPAC16E8.18c	2.274317e-04	-2.219901e-04	-4.498523e-04	3.891103e-04
## SPAC1B1.01	6.242228e-04	-7.976225e-04	-5.415035e-04	1.029847e-05
## SPNCRNA.915	-6.520521e-05	-3.913912e-06	-1.340835e-04	-9.064131e-05
## SPAC17A2.01	-1.863871e-04	7.327985e-04	-1.478302e-03	-9.432557e-04
## SPAC17A2.02c	-2.543338e-03	-5.490967e-03	-2.587201e-03	-1.066488e-03
## SPAC17A2.04c	2.232347e-05	4.392503e-04	-5.860033e-04	1.723927e-03
## SPNCRNA.124	-1.506326e-05	1.233112e-05	-1.307251e-05	1.304166e-05
## SPATRNNATRP.01	-6.378744e-05	-1.469762e-05	4.462427e-04	1.848091e-04
## SPAC17A2.05	-3.062563e-04	-1.770544e-03	-3.664586e-03	-2.887294e-04
## SPAC17A2.06c	4.212960e-04	-9.923799e-04	-2.490716e-03	2.137773e-03
## SPAC17A2.07c	3.486059e-04	-2.192393e-04	-8.267712e-06	2.970310e-04
## SPAC17A2.08c	1.808182e-04	-3.143900e-04	8.359468e-05	3.238210e-04
## SPAC17A2.09c	3.261010e-03	-2.330029e-03	-6.530936e-04	3.369282e-03
## SPAC17A2.10c	1.276309e-04	2.175434e-04	-1.358110e-04	7.895818e-05
## SPAC17A2.11	8.407184e-06	2.945873e-05	-4.647997e-05	-3.734510e-05
## SPNCRNA.920	-4.430453e-05	5.322960e-04	-4.932984e-04	-1.782139e-04
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	4.499066e-04	-8.578718e-04	1.023469e-03	-1.489593e-04
## SPATRNNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	-8.030721e-05	-1.794759e-03	-4.867353e-03	1.624936e-03
## SPAC17G6.05c	7.989618e-04	-4.314846e-04	-2.498833e-03	-1.176294e-03
## SPAC17G6.06	-1.877150e-02	-4.730522e-03	2.624188e-02	4.082469e-02
## SPAC17G6.08	-2.400508e-04	-8.779488e-05	-2.404566e-03	7.577690e-04
## SPAC17G6.10	1.816527e-03	1.818960e-03	-2.329149e-03	-2.730727e-04
## SPAC17G6.11c	3.674537e-03	4.539012e-04	-5.851305e-03	3.485457e-03
## SPNCRNA.921	-2.493674e-05	3.944564e-05	5.845717e-06	2.479670e-05
## SPAC17G6.13	-4.017279e-03	-4.009918e-03	-8.847396e-03	-1.073195e-02
## SPAC17G6.14c	7.145967e-03	-4.558570e-03	2.812483e-03	2.873617e-03
## SPAC17G6.15c	1.161089e-03	-5.556950e-04	6.625516e-04	5.051114e-04
## SPAC17G6.16c	-5.780709e-04	-1.541430e-03	7.151256e-04	1.942205e-03
## SPAC17G6.17	1.800059e-04	1.180919e-03	-1.438550e-03	5.681788e-04
## SPAC1142.01	1.369498e-03	1.397986e-03	-3.165373e-03	-1.557886e-04

## SPAC1142.02c	-1.658715e-03	-2.166214e-03	-1.221064e-03	-5.791473e-03
## SPAC1142.04	-2.029735e-03	1.831104e-04	6.206444e-05	-3.857966e-03
## SPNCRNA.923	1.212137e-04	1.281102e-05	-6.877948e-05	5.937948e-05
## SPAC1142.05	-4.049192e-03	2.018005e-03	-1.181044e-03	2.183232e-03
## SPAC1142.06	-2.579291e-04	-8.195468e-05	2.426775e-04	-1.315281e-03
## SPAC1142.07c	7.623508e-04	-1.916432e-04	-1.317672e-04	7.999878e-04
## SPAC1142.08	3.799142e-04	-4.297622e-04	3.224480e-04	-8.625785e-04
## SPAC1142.09	-3.585138e-06	1.012719e-05	-2.039137e-05	-3.219679e-05
## SPNCRNA.925	-6.185711e-05	1.308029e-04	-7.830336e-05	1.385131e-04
## SPAC8C9.04	2.829135e-03	-6.544677e-03	2.137145e-03	7.599998e-04
## SPAC8C9.07	-1.712708e-04	-3.712177e-04	1.807447e-03	1.228290e-03
## SPAC8C9.08	1.891654e-02	4.709664e-02	-6.005984e-03	-3.114065e-02
## SPAC8C9.09c	6.222736e-04	9.242219e-04	-2.514580e-04	2.722779e-04
## SPAC8C9.11	3.565691e-04	2.016194e-04	2.811357e-04	-2.689285e-04
## SPNCRNA.228	5.420184e-05	-2.875948e-05	-3.090888e-04	1.691565e-04
## SPAC8C9.19	5.948614e-05	1.300551e-04	-3.128546e-04	-1.205313e-04
## SPAC8C9.12c	1.633424e-03	-1.394808e-04	-5.968470e-04	-2.032766e-03
## SPAC8C9.14	4.020813e-03	-1.399918e-03	3.788172e-03	-1.543267e-03
## SPAC8C9.15c	-2.109898e-03	1.725428e-03	-2.645966e-03	-1.902729e-03
## SPNCRNA.926	-5.691698e-04	-2.072241e-04	-7.603823e-04	-6.973904e-04
## SPAC15A10.17	3.719250e-04	4.186179e-05	-1.890547e-04	-5.893088e-05
## SPAC15A10.06	8.240209e-06	7.136543e-04	-1.650626e-03	-6.322494e-04
## SPNCRNA.927	-1.231206e-05	9.300783e-06	-2.274150e-05	4.933142e-05
## SPAC15A10.08	-1.225862e-03	-1.780748e-03	-2.456351e-03	-1.221679e-03
## SPAC15A10.09c	2.718093e-03	1.071180e-03	-1.177726e-03	5.903706e-04
## SPNCRNA.928	1.098415e-05	-3.425267e-04	2.016275e-04	-3.259733e-05
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	-1.360195e-03	3.021318e-03	6.104891e-03	-5.285494e-03
## SPAC15A10.11	6.037450e-03	-4.350085e-03	-2.914754e-03	2.592900e-03
## SPAC15A10.12c	2.216585e-04	9.548389e-04	-6.853551e-04	2.139676e-04
## SPAC15A10.13	-2.544592e-04	1.086185e-03	-1.930067e-03	-9.400184e-04
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-9.801261e-05	1.362697e-05	-1.817523e-04	-1.212646e-04
## SPAC15E1.03	1.514616e-02	1.672272e-02	1.615563e-02	1.564538e-02
## SPAC15E1.05c	1.413800e-04	7.814622e-04	-1.251417e-03	-1.422313e-03
## SPAC15E1.09	-2.367258e-04	8.966420e-04	-6.251018e-04	-8.764016e-04
## SPAC15E1.10	3.332781e-04	1.164672e-04	-7.536983e-04	6.058929e-04
## SPNCRNA.932	5.341531e-05	3.468212e-05	-5.248942e-05	3.940575e-05
## SPAP7G5.02c	5.672459e-05	-4.907817e-03	1.239599e-02	-1.843309e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	8.697600e-03	-5.199225e-03	5.227711e-03	4.979050e-03
## SPNCRNA.934	-2.504802e-05	3.605762e-04	-6.645794e-04	-4.117150e-05
## SPNCRNA.935	2.533569e-04	-1.049406e-03	6.477913e-04	-9.861018e-04
## SPNCRNA.84	-8.890018e-07	1.840689e-05	-1.948488e-06	-7.307819e-06
## SPNCRNA.230	-1.199206e-05	5.044324e-06	-1.154971e-05	1.183980e-05
## SPNCRNA.231	-1.166343e-05	-1.628123e-05	2.692747e-05	-9.260847e-06
## SPNCRNA.232	-6.066406e-06	1.090201e-05	3.245669e-05	-6.870595e-06
## SPATRNAILE.03	-1.812792e-04	-1.605817e-04	2.783426e-04	-3.641503e-04
## SPNCRNA.233	-4.016528e-06	6.421180e-06	7.500558e-06	-5.610468e-06
## SPATRNAGLU.04	-2.074551e-02	6.560434e-03	1.149613e-02	9.839421e-03
## SPATRNAALA.05	-3.340889e-06	-2.877885e-05	4.486123e-04	-2.345967e-04
## SPNCRNA.234	1.103575e-05	3.120056e-05	2.298758e-05	-1.569363e-05
## SPAC1556.01c	-1.278739e-03	-1.375054e-03	-1.223929e-03	-1.289340e-03
## SPAC1556.03	3.456833e-04	9.460161e-04	-2.559592e-03	-3.542607e-04

## SPAC1556.04c	4.062139e-05	-6.853838e-04	8.789270e-05	-2.581744e-04
## SPAC1556.05c	3.339036e-04	4.432431e-05	-3.127201e-04	1.888503e-04
## SPAC1F12.02c	-5.683518e-02	1.962787e-02	5.691266e-02	1.253060e-01
## SPAC1F12.03c	-9.074985e-05	-2.456337e-05	5.554121e-06	1.220887e-04
## SPAC1F12.04c	-5.600239e-04	7.155456e-04	-1.592718e-03	1.780180e-03
## SPAC1F12.05	1.992176e-03	-1.204703e-03	-1.357390e-03	2.008688e-03
## SPAC1F12.07	8.847853e-04	-4.116180e-03	4.397526e-03	-3.451269e-03
## SPNCRNA.937	-9.286505e-05	-2.125637e-06	-3.462809e-04	1.679110e-04
## SPAC4H3.01	-1.294678e-04	7.051258e-04	-8.491295e-04	4.775606e-04
## SPAC4H3.03c	-1.069075e-04	-4.178287e-04	-1.876127e-03	-9.583327e-04
## SPAC4H3.06	1.440062e-04	6.854502e-04	2.390781e-04	5.921187e-04
## SPAC4H3.09	7.470232e-04	1.683452e-05	7.715245e-04	-1.100795e-04
## SPNCRNA.941	-3.387639e-06	-1.040083e-05	1.958542e-05	-4.377081e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-1.851944e-05	4.765845e-06	1.729876e-05	3.448854e-07
## SPNCRNA.942	4.188344e-04	1.571226e-03	2.215361e-03	-1.377813e-04
## SPAC4H3.12c	-6.740455e-05	8.203554e-05	7.059781e-05	1.324272e-05
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	4.229956e-04	2.326605e-03	3.089519e-04	-1.597455e-03
## SPAC1071.02	3.371277e-04	-9.824509e-05	-1.914322e-03	2.954775e-03
## SPAC1071.03c	7.676072e-04	1.769051e-04	-1.520149e-03	-1.497466e-04
## SPNCRNA.237	1.830444e-06	7.165056e-05	-1.120913e-04	1.190683e-05
## SPNCRNA.943	-7.531001e-05	3.470225e-05	-5.205471e-05	-8.912559e-05
## SPAC1071.05	6.419701e-04	-9.594974e-05	-7.647073e-04	-3.146676e-04
## SPAC1071.06	5.067241e-04	-1.342509e-03	-1.307138e-03	6.224984e-04
## SPAC1071.08	8.183530e-03	-2.352542e-04	-9.070297e-04	1.042151e-02
## SPAC1071.10c	1.335134e-01	-7.183422e-02	-2.063207e-02	1.785956e-02
## SPNCRNA.93	-9.731204e-07	-1.810693e-05	5.658645e-05	-5.088435e-05
## SPAC1071.13	2.982906e-04	1.299167e-04	6.375826e-06	-1.984661e-04
## SPNCRNA.945	-2.650431e-05	1.095154e-04	-1.620112e-04	2.496585e-04
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	6.782481e-04	1.774499e-03	-8.097864e-04	9.114330e-04
## SPAC926.02	3.404612e-04	-1.689460e-04	-8.579756e-04	-1.146087e-03
## SPNCRNA.946	-3.644528e-04	-1.548007e-04	-1.142462e-03	3.947527e-04
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	7.703758e-05	-9.995621e-05	2.345827e-04	5.144408e-04
## SPAC926.04c	-2.427623e-01	-1.998009e-01	-1.121966e-01	-1.235772e-01
## SPRRNA.18	9.492883e-03	3.358999e-02	-2.452943e-02	6.075230e-03
## SPAC926.05c	-3.517748e-04	4.828964e-04	-1.171573e-03	2.280359e-04
## SPAC926.09c	-1.274749e-02	-8.509874e-02	6.430587e-03	-2.301585e-02
## SPAC323.01c	-1.135217e-05	-1.905374e-04	-4.534476e-04	9.539921e-04
## SPNCRNA.948	-8.363124e-05	1.142567e-04	4.310488e-05	-1.725360e-04
## SPAC323.06c	-1.183532e-04	-5.304899e-04	-3.107348e-04	1.103142e-03
## SPAC323.07c	9.612318e-04	1.698140e-03	-4.558056e-03	-2.335524e-03
## SPAC2F3.02	-1.359428e-04	-5.281856e-04	-2.599615e-03	2.224700e-03
## SPAC2F3.03c	2.081899e-03	-4.622571e-03	5.387008e-04	3.935415e-03
## SPAC2F3.04c	8.045958e-04	-6.112468e-05	-2.292381e-04	1.886553e-03
## SPAC2F3.05c	3.499753e-03	-1.049029e-03	-1.583534e-03	2.821561e-03
## SPAC2F3.06c	-2.641677e-03	-3.963527e-03	-4.656855e-03	1.415158e-03
## SPAC2F3.08	1.007281e-03	-1.582952e-03	8.493067e-04	7.588744e-04
## SPNCRNA.949	-3.320117e-04	-4.115556e-04	-8.837952e-04	5.334669e-04
## SPNCRNA.950	5.257834e-06	2.170902e-05	1.186042e-05	6.604331e-06
## SPAC2F3.18c	3.680629e-04	1.440090e-03	9.573545e-06	-7.419873e-05
## SPAC2F3.11	1.023838e-03	9.777626e-04	1.097852e-03	8.419647e-04

## SPNCRNA.240	2.478729e-05	2.276391e-05	2.652330e-06	-2.700345e-06
## SPAC11G7.01	3.429549e-03	-3.259880e-03	1.239357e-03	3.032795e-03
## SPAC11G7.02	3.221121e-03	-4.005088e-03	2.281689e-03	3.663753e-03
## SPAC11G7.03	-1.235871e-03	-1.623378e-04	-5.061134e-03	-2.776260e-03
## SPAC11G7.04	1.004784e-02	-1.129640e-02	8.205081e-03	7.945484e-03
## SPAPB18E9.01	7.726073e-04	1.613607e-03	-2.213460e-03	-4.209969e-04
## SPAPB18E9.05c	1.459269e-03	7.901234e-05	-1.508702e-03	4.853897e-04
## SPAPB15E9.01c	3.553392e-02	-5.892910e-03	-2.270650e-02	1.576317e-03
## SPAPB15E9.02c	2.630922e-04	1.593645e-05	-2.817836e-04	-3.999148e-04
## SPAC27E2.02	2.075122e-04	4.372668e-04	-8.523463e-04	3.118576e-04
## SPNCRNA.53	-1.851587e-06	4.465969e-07	-1.368949e-06	-2.341177e-06
## SPAC27E2.14	-2.447369e-04	2.705752e-04	6.166589e-05	7.062238e-04
## SPAC27E2.05	9.363575e-04	-1.035649e-03	-1.554092e-03	1.366588e-03
## SPAC27E2.09	-5.186910e-04	-3.745557e-03	-3.004330e-03	3.567447e-03
## SPAC27E2.10c	-1.460404e-04	-2.968274e-04	2.242693e-04	5.733813e-04
## SPAPJ698.03c	-1.626976e-03	2.538248e-03	-6.295412e-03	-4.535063e-04
## SPAC19G12.02c	-1.823934e-04	-2.117970e-05	-1.064049e-03	3.455786e-04
## SPAC19G12.04	-2.029858e-04	5.201054e-04	-6.675697e-04	-3.603272e-04
## SPAC19G12.06c	1.846903e-02	3.107214e-03	6.145019e-03	4.950251e-03
## SPAC19G12.07c	7.602912e-04	-9.984641e-04	-1.027641e-03	8.103651e-05
## SPAC19G12.08	1.981160e-03	-1.555368e-03	-2.315634e-03	-1.208486e-03
## SPATRNALEU.04	-1.601266e-02	-3.919450e-04	3.133786e-02	-1.412982e-02
## SPAC19G12.09	6.150770e-03	2.247680e-03	-3.164320e-03	2.562600e-03
## SPAC19G12.13c	-4.256649e-04	-8.194252e-06	-1.237536e-03	-4.105244e-04
## SPAC19G12.14	9.545563e-04	-1.435394e-03	-4.766490e-04	7.899219e-04
## SPAC23A1.07	1.408200e-04	6.976375e-04	-1.031304e-03	6.486644e-04
## SPAC23A1.08c	1.674294e-02	3.234686e-02	1.826959e-02	7.843327e-03
## SPAC23A1.10	3.778369e-02	-2.209513e-02	1.779580e-04	9.591569e-02
## SPAC23A1.15c	-3.758160e-06	1.358834e-03	1.831836e-04	-4.271449e-04
## SPAC23A1.16c	4.452558e-04	-1.474002e-04	1.490897e-04	-7.900163e-05
## SPNCRNA.341	5.208898e-06	8.159482e-06	3.534987e-06	-1.310283e-06
## SPAC26H5.04	1.451094e-03	-7.714446e-05	9.973158e-04	6.831106e-04
## SPNCRNA.961	-7.147666e-05	-4.995494e-06	-8.970081e-05	1.095024e-04
## SPAC26H5.07c	1.489579e-03	-2.381789e-03	-3.666150e-03	-1.512675e-03
## SPAC26H5.08c	1.480244e-04	-6.341895e-03	-1.352613e-03	1.719616e-04
## SPNCRNA.962	-3.664017e-07	-1.197484e-06	1.517518e-06	-3.186252e-06
## SPNCRNA.306	9.112257e-06	4.254799e-06	1.098183e-05	2.339694e-06
## SPAC26H5.09c	5.304611e-04	-8.967822e-03	-2.729366e-03	-5.562214e-04
## SPAC26H5.10c	4.875417e-02	3.425294e-02	1.666933e-02	2.119085e-02
## SPNCRNA.964	9.649424e-05	-7.100327e-05	-7.010301e-05	-2.166440e-04
## SPNCRNA.965	-2.998209e-05	-1.095616e-07	1.154381e-04	2.343775e-04
## SPNCRNA.242	-1.822465e-01	-2.351015e-01	1.418287e-01	-1.164863e-02
## SPSNORNA.13	2.384363e-03	4.066666e-02	-3.287675e-02	-8.141037e-02
## SPAC25B8.02	6.437144e-05	-9.711421e-05	-4.827120e-05	-8.589506e-04
## SPAC25B8.03	-6.917317e-04	-1.787155e-03	-2.877234e-03	8.583119e-04
## SPAC25B8.04c	3.715484e-04	-1.727503e-04	-1.173771e-04	2.386748e-04
## SPAC25B8.05	1.273759e-04	-7.019413e-04	-6.236144e-04	-2.862791e-04
## SPAC25B8.07c	1.249323e-03	-4.204650e-04	-4.517548e-04	9.701900e-04
## SPAC25B8.20	-1.467461e-04	-2.044435e-04	-4.473247e-04	8.039389e-05
## SPNCRNA.967	-4.107664e-05	1.354463e-04	-2.257637e-04	4.678837e-04
## SPAC25B8.10	-1.361708e-03	-1.795192e-04	-3.127667e-03	4.553267e-06
## SPAC25B8.11	2.436856e-04	1.859782e-03	-3.021139e-03	-3.212040e-04
## SPNCRNA.968	-4.731110e-06	5.000701e-05	-7.513428e-06	1.291694e-04
## SPAC25B8.13c	4.413250e-03	-6.491037e-04	-1.832216e-03	-6.351992e-05

## SPRRNA.19	6.539421e-04	7.543358e-04	3.005603e-04	-1.169538e-03
## SPAC25B8.14	1.042971e-04	-6.679496e-04	-3.203216e-04	8.004866e-04
## SPAC25B8.15c	8.629326e-05	6.982376e-05	3.445928e-05	3.611282e-05
## SPAC25B8.16	4.816870e-04	-1.095105e-03	-1.075972e-03	-4.361762e-04
## SPNCRNA.970	1.112406e-04	4.547336e-04	-3.830496e-04	-4.971965e-05
## SPNCRNA.971	-2.313188e-04	1.437413e-04	-3.393386e-05	6.418931e-05
## SPAC694.03	-3.839960e-04	-1.563092e-04	1.239180e-04	-8.160212e-04
## SPAC694.04c	1.438719e-05	-6.451024e-04	1.520682e-03	-1.103366e-03
## SPNCRNA.972	-5.212659e-05	1.288233e-04	-3.935255e-04	-6.708934e-04
## SPAC1F7.02c	4.241474e-04	-8.785223e-04	1.044670e-03	3.034676e-03
## SPAC1F7.03	2.685594e-03	1.279269e-03	-4.008430e-03	-1.306570e-03
## SPAC1F7.06	-4.606080e-05	-1.933552e-05	-5.220216e-07	-6.475494e-05
## SPAC1F7.07c	1.595403e-03	-2.125742e-04	-2.152107e-03	-5.696255e-03
## SPSNORNA.14	-6.152252e-07	1.236420e-07	-7.844248e-07	-5.409431e-06
## SPRRNA.20	7.371889e-03	2.602703e-02	-3.599289e-03	-2.267729e-02
## SPAC1F7.10	-5.778115e-04	-5.246869e-04	-1.088424e-03	1.292833e-03
## SPAC1F7.11c	6.820513e-04	-1.763004e-03	1.676226e-04	1.298004e-03
## SPAC1F7.12	5.974976e-04	-2.498160e-04	-6.926231e-03	3.659838e-03
## SPAC21E11.03c	7.197476e-04	-2.685619e-03	4.320479e-03	1.495504e-03
## SPAC21E11.05c	2.506948e-04	8.579064e-04	-5.684971e-04	3.341885e-05
## SPAC21E11.08	2.427008e-03	-3.454574e-03	1.815551e-04	2.554966e-03
## SPATRNASER.03	-1.596302e-03	1.200592e-03	3.767196e-04	1.421803e-03
## SPATRNAMET.03	-2.597310e-04	1.292659e-03	9.195586e-04	-1.560094e-03
## SPAC2C4.05	1.099162e-03	2.659511e-03	-1.726364e-03	-9.407187e-04
## SPAC2C4.06c	8.871369e-05	-3.722285e-04	-3.898798e-05	8.176543e-05
## SPAC2C4.08	8.398158e-05	1.714566e-05	-2.708882e-04	2.941447e-04
## SPAC2C4.11c	-1.579755e-04	-1.613598e-03	-1.646902e-04	3.490262e-03
## SPAC2C4.12c	-1.119093e-03	1.255872e-03	-1.652552e-03	-4.824952e-05
## SPAC2C4.14c	-1.427935e-03	-2.868671e-04	-2.136890e-03	-2.611111e-04
## SPAC2C4.15c	1.547890e-03	1.769350e-03	-1.652170e-03	8.215110e-04
## SPAC2C4.16c	1.640902e-02	6.623400e-02	-7.778276e-03	5.761886e-02
## SPNCRNA.974	-2.970331e-04	-2.324341e-04	1.215080e-03	3.804084e-04
## SPNCRNA.975	-4.184294e-05	-3.585783e-04	-9.779509e-05	-1.503006e-04
## SPNCRNA.976	6.734341e-06	-3.730192e-05	2.376671e-04	-2.494739e-04
## SPAC25G10.01	3.752418e-04	2.188245e-04	-1.588210e-03	-9.962126e-04
## SPAC25G10.05c	6.296631e-03	-6.173710e-03	3.547266e-03	1.720777e-02
## SPAC25G10.06	-3.283786e-03	2.485462e-02	1.457270e-02	2.885650e-02
## SPAC25G10.07c	1.320495e-05	-8.244628e-04	-1.164647e-03	2.020851e-04
## SPAC25G10.09c	4.603216e-03	-5.812916e-03	-2.334150e-03	-2.364916e-04
## SPAC27F1.02c	1.901743e-03	-2.952193e-04	-6.195908e-03	6.670712e-03
## SPAC27F1.03c	1.133214e-04	-3.662932e-04	-2.625976e-04	2.505992e-04
## SPAC27F1.04c	5.506043e-04	-4.760856e-04	-4.655132e-04	-3.675167e-04
## SPAC27F1.07	4.803503e-03	-5.360441e-03	2.253427e-04	9.475251e-03
## SPAC27F1.08	1.835413e-03	-1.648892e-03	4.184395e-04	1.064643e-03
## SPAC27F1.09c	1.040216e-03	-3.797343e-03	-3.199007e-03	-2.263973e-03
## SPAC23D3.01	2.982637e-05	6.624260e-04	-2.208007e-03	4.649541e-04
## SPAC23D3.02	2.342394e-04	8.171002e-04	-2.169403e-03	5.965551e-04
## SPAC23D3.03c	5.322002e-04	1.319265e-03	-2.274817e-03	6.571097e-04
## SPNCRNA.979	-1.587462e-03	-4.868277e-04	-7.854817e-04	-1.615255e-03
## SPAC23D3.08	-5.730890e-05	-9.070946e-04	-9.559044e-04	2.326819e-03
## SPAC23D3.11	9.656160e-04	3.087956e-03	-3.142164e-03	-2.496593e-03
## SPNCRNA.980	1.601888e-04	-2.444826e-04	2.034163e-04	-2.223299e-04
## SPAC23D3.17	3.257593e-04	5.391920e-04	1.989660e-05	-4.587765e-04
## SPNCRNA.981	4.051047e-05	8.064479e-05	-1.477846e-04	8.471601e-06

## SPAC30.01c	-4.086208e-04	-2.419579e-03	-1.758742e-03	-3.968769e-04
## SPAC30.02c	-4.043231e-04	1.098452e-03	-8.622082e-04	7.949215e-04
## SPAC30.04c	3.588529e-03	-1.792534e-03	-4.083247e-03	1.852040e-03
## SPAC29E6.01	2.462510e-05	-2.115485e-04	-1.604412e-03	9.003342e-04
## SPAC29E6.03c	1.766095e-04	-6.667965e-04	-1.765135e-03	-4.069124e-03
## SPAC29E6.05c	3.282558e-04	-4.828325e-04	3.196916e-05	-6.398950e-04
## SPAC29E6.04	-2.414427e-04	3.778491e-04	-7.847275e-04	-5.402678e-05
## SPAC29E6.07	-4.468859e-05	5.448088e-05	-1.411237e-04	-1.066123e-05
## SPAC29E6.08	8.153304e-03	-5.501635e-03	1.178067e-02	3.661725e-03
## SPAC16.01	4.696829e-04	-3.123883e-05	-8.629931e-04	8.102963e-04
## SPNCRNA.986	-1.209153e-04	-2.074073e-05	3.229092e-04	2.824916e-05
## SPAC16.03c	-9.353758e-04	1.076224e-03	-6.624258e-04	-2.873209e-04
## SPAC16.05c	5.160330e-03	-5.825244e-03	8.224129e-03	-2.052249e-04
## SPAC9E9.01	-4.863859e-05	-2.402745e-05	6.195024e-06	-6.708678e-05
## SPAC9E9.17c	-1.045817e-05	-1.174762e-05	-1.562636e-05	-1.734082e-05
## SPNCRNA.987	-5.917808e-05	-1.018150e-05	1.026971e-06	-2.570033e-05
## SPNCRNA.12	1.194509e-05	-1.368767e-05	1.297352e-05	-3.564848e-06
## SPAC9E9.03	-1.860863e-02	-5.047348e-03	-2.233364e-02	4.663638e-03
## SPAC9E9.04	1.356004e-03	-1.728358e-03	3.366525e-03	1.677513e-03
## SPAC9E9.09c	4.464095e-02	-6.553810e-02	-3.117552e-04	1.286462e-02
## SPNCRNA.989	7.153688e-06	-1.039983e-04	3.399495e-04	-3.932943e-05
## SPAC9E9.15	8.429366e-04	6.985219e-04	-5.433316e-04	5.819264e-04
## SPNCRNA.311	-1.088492e-05	5.341935e-05	6.936355e-05	2.206453e-05
## SPNCRNA.991	-1.746324e-04	-4.729303e-05	4.275376e-06	1.987426e-04
## SPAC17C9.14	-3.170133e-05	1.408512e-04	-4.004997e-04	-1.954395e-04
## SPAC17C9.10	3.242436e-04	-2.625506e-03	1.310797e-03	-7.235020e-04
## SPAC17C9.07	3.957968e-04	-1.355981e-03	3.481875e-04	1.069537e-03
## SPAC17C9.05c	4.698075e-04	-7.809593e-05	-3.401025e-06	-2.105337e-05
## SPAC17C9.01c	3.085046e-04	-1.601405e-03	-8.380081e-04	1.421023e-03
## SPAC1851.04c	-2.696922e-04	-3.006823e-03	-3.962950e-04	1.939619e-03
## SPAC27D7.02c	-1.385663e-04	1.846749e-04	-3.986931e-04	-1.714986e-03
## SPNCRNA.993	6.496947e-06	3.278414e-05	-1.118068e-04	8.420324e-05
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-4.979362e-04	1.964762e-03	-1.218252e-04	1.169410e-04
## SPNCRNA.995	-1.500982e-04	2.212428e-04	-3.065373e-05	8.768353e-05
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	3.739584e-05	-1.256469e-04	3.276679e-04	3.870046e-05
## SPAC637.03	6.365483e-03	-2.153024e-03	6.051182e-03	2.273866e-03
## SPAC637.04	8.137285e-04	7.209071e-04	-1.157856e-03	1.844694e-04
## SPAC637.05c	4.803119e-03	-3.832532e-03	-8.817775e-04	6.040238e-03
## SPAC637.06	-5.628395e-03	-4.249478e-03	-8.003175e-03	1.691621e-02
## SPAC637.09	-1.371749e-03	-1.146643e-03	-6.850483e-04	-1.994491e-03
## SPNCRNA.999	-7.264684e-05	7.856681e-06	5.806825e-06	-1.624684e-04
## SPAC637.11	-2.951897e-04	-4.334418e-04	-1.062985e-03	-8.144046e-04
## SPAC637.12c	-3.468898e-04	2.882596e-04	-2.173018e-03	7.156929e-04
## SPNCRNA.1000	2.762686e-05	-2.780795e-05	1.425914e-04	6.781257e-05
## SPAC637.13c	2.014465e-03	-2.429146e-03	1.990427e-03	3.168371e-03
## SPNCRNA.249	1.305055e-04	9.976487e-05	5.626157e-05	2.743448e-04
## SPAC31F12.01	1.100626e-03	-1.492480e-03	-2.085353e-03	3.553475e-04
## SPAC12B10.02c	6.205207e-04	2.130080e-03	-1.712568e-03	9.194782e-04
## SPAC12B10.03	8.066681e-04	7.912255e-04	-2.880445e-03	6.518034e-04
## SPNCRNA.1001	2.693630e-04	2.479095e-04	3.936481e-05	-2.478284e-04
## SPAC12B10.04	-5.711853e-04	1.007854e-03	-1.192434e-03	1.179876e-03

## SPAC12B10.07	-6.270215e-04	-5.250641e-05	-2.539145e-03	-1.111451e-03
## SPAC12B10.08c	-1.647070e-04	2.917561e-06	-9.529092e-05	1.799010e-05
## SPAC12B10.09	-5.965683e-04	9.346094e-04	2.591395e-04	-7.145046e-05
## SPAC12B10.10	6.058222e-04	7.624787e-05	-2.354493e-05	-6.863626e-04
## SPNCRNA.1003	-6.917883e-05	2.694856e-05	6.428330e-05	1.048960e-04
## SPAC12B10.15c	4.481470e-05	-8.727990e-05	-2.325235e-04	2.050241e-04
## SPNCRNA.1004	-2.681241e-04	-3.287882e-05	-2.215167e-05	3.430867e-05
## SPAC1093.07	-6.492403e-05	-1.677467e-04	3.428410e-06	3.867879e-05
## SPAC1093.01	3.924078e-03	1.583640e-03	-2.900242e-03	7.954659e-03
## SPAC1093.02	-2.489725e-03	1.495123e-03	-1.496211e-03	-6.153662e-03
## SPAC1093.03	-4.500758e-04	4.574982e-04	-2.436394e-03	-8.537910e-04
## SPAC1093.04c	3.767070e-04	5.118896e-04	-1.922578e-03	2.061008e-03
## SPAC1093.06c	-5.270983e-05	1.549408e-04	-3.773343e-03	1.737053e-03
## SPNCRNA.1006	5.850052e-05	-1.806147e-05	-1.841119e-05	-5.877139e-05
## SPAC30C2.02	1.623520e-03	-1.086286e-03	1.360047e-04	5.151032e-04
## SPAC30C2.04	-9.320471e-04	3.042943e-03	5.392267e-04	-2.230438e-03
## SPAC30C2.05	2.732249e-05	6.985303e-04	-1.684698e-04	-8.907261e-05
## SPAC30C2.07	1.114251e-03	-5.149498e-04	-1.877710e-03	7.406408e-04
## SPNCRNA.1008	5.875550e-05	-4.780215e-05	1.277613e-04	3.824446e-04
## SPAC1635.01	2.760475e-03	-6.464130e-03	-5.279167e-03	3.221242e-04
## SPNCRNA.1009	2.359883e-05	1.295777e-04	-4.669398e-05	3.657416e-05
## SPAC144.02	6.993957e-05	5.614845e-06	-1.511096e-03	-4.301779e-04
## SPAC144.03	-6.789086e-03	9.765650e-03	-6.487348e-03	-2.248757e-03
## SPAC144.04c	8.220346e-03	3.168609e-03	-4.028075e-03	5.555518e-03
## SPAC144.05	-1.612623e-05	-8.035226e-04	-1.590182e-03	-9.798564e-04
## SPAC144.10c	-6.412504e-04	1.527250e-03	-3.259592e-03	-1.006785e-03
## SPNCRNA.1013	4.393584e-05	6.860456e-05	4.312852e-05	1.531781e-04
## SPNCRNA.1014	-1.825067e-04	-1.131397e-04	-1.311505e-04	-2.803557e-04
## SPAC144.12	1.566273e-03	7.737412e-04	3.486655e-03	1.097041e-03
## SPAC144.13c	1.074369e-03	3.861289e-04	-1.048653e-03	5.262561e-04
## SPAC144.16	5.722909e-04	-5.567244e-05	-2.122236e-04	6.472498e-05
## SPNCRNA.1016	4.258174e-05	1.199405e-04	-1.845416e-04	-2.373221e-05
## SPNCRNA.1017	-2.626854e-05	6.351688e-05	-9.281593e-05	-4.435447e-05
## SPAC1834.03c	2.218060e-02	3.251304e-02	2.943665e-03	2.749834e-03
## SPAC1834.04	1.930447e-02	2.363290e-02	3.203176e-03	9.963705e-03
## SPAC1834.05	1.634083e-03	5.624206e-04	-3.181926e-03	-4.151065e-04
## SPAC1834.08	1.679932e-03	5.117628e-04	-2.580312e-03	2.194464e-03
## SPATRNATHR.05	-3.809342e-03	-3.010163e-03	4.734466e-03	1.546726e-03
## SPAC1834.10c	5.469605e-04	1.195514e-03	-1.483781e-03	-4.274979e-04
## SPAC1834.13	-2.468734e-05	2.215558e-05	8.794180e-06	1.010216e-04
## SPAC17D4.01	9.660984e-03	5.574513e-03	-2.492290e-03	4.126418e-03
## SPAC17D4.02	-5.082733e-04	-6.214604e-04	-1.325880e-03	4.079951e-04
## SPAC17D4.04	-6.114543e-04	1.409354e-03	-1.422313e-03	-6.127309e-04
## SPAC458.02c	-5.090792e-05	-3.516701e-03	-8.699124e-05	-3.141468e-03
## SPNCRNA.1019	-5.436282e-05	-6.013141e-05	9.658893e-05	-1.924864e-04
## SPAC458.03	7.695514e-04	1.434426e-03	-3.203268e-03	7.709660e-04
## SPNCRNA.1020	-1.365789e-04	-2.837961e-06	-1.199431e-04	-1.370890e-04
## SPAC458.07	5.652557e-04	1.164341e-03	-1.393829e-03	-1.099916e-03
## SPAPYUG7.02c	9.721248e-04	-1.457893e-03	-1.289453e-03	1.060072e-03
## SPNCRNA.1022	9.926081e-07	-8.367693e-05	3.807732e-05	1.577616e-04
## SPAC1782.01	1.375584e-03	1.990860e-03	-2.723918e-03	-7.413740e-04
## SPAC1782.03	-3.439661e-05	1.304084e-04	-5.797430e-04	-2.150909e-04
## SPAC1782.06c	9.761538e-04	1.219467e-03	-4.130764e-03	1.012753e-03
## SPNCRNA.1023	3.412939e-04	-1.273111e-04	1.373933e-04	-8.398817e-05

## SPAC1782.09c	1.618584e-04	-1.066780e-04	-1.822457e-04	-9.083531e-04
## SPAC1782.10c	3.101007e-03	2.561873e-03	3.381038e-03	9.406061e-04
## SPAC1782.11	-1.638215e-03	2.306505e-03	-1.202376e-03	9.178517e-03
## SPAC11H11.02c	-3.454133e-04	-1.588497e-04	-4.641857e-04	6.488166e-04
## SPAC11H11.01	2.102976e-04	-7.739062e-05	-8.960052e-05	-3.991886e-04
## SPAC11H11.03c	6.632325e-05	4.852625e-04	-3.132248e-04	1.215699e-04
## SPAC11H11.04	4.447869e-05	-6.169459e-05	-2.916927e-04	2.065579e-06
## SPAC11H11.06	2.826967e-04	4.769411e-03	-1.354742e-02	2.894228e-03
## SPAC22F8.03c	2.188241e-06	9.041430e-06	-6.437698e-06	-1.405986e-05
## SPAC22F8.07c	6.470239e-04	-5.556332e-04	3.085272e-04	4.770641e-04
## SPAC22F8.08	4.321068e-03	-7.133150e-03	1.283427e-03	5.283533e-03
## SPAC22F8.11	-1.429664e-03	2.018931e-05	-3.857754e-03	-2.398063e-04
## SPAC22F8.12c	8.273305e-05	-4.464718e-04	1.873120e-04	3.092785e-05
## SPAC20G4.02c	-5.592416e-05	3.969069e-04	-7.665594e-04	1.128373e-03
## SPAC20G4.03c	8.291323e-04	-1.366154e-03	-3.462752e-03	4.169984e-05
## SPAC20G4.04c	-1.827911e-04	9.645020e-04	-1.127125e-03	1.926016e-04
## SPNCRNA.1027	1.613247e-05	3.061688e-06	-2.223031e-04	-4.548315e-04
## SPAC20G4.09	7.777165e-06	7.556841e-05	9.684919e-05	-2.936304e-05
## SPAC20G4.07c	1.674920e-03	-1.249417e-03	-4.903562e-04	4.445029e-04
## SPAC4F10.03c	2.675730e-04	-1.309633e-04	-9.283508e-04	1.205920e-03
## SPAC4F10.04	-7.146320e-04	-1.180920e-03	-8.834002e-05	3.391155e-04
## SPNCRNA.1028	3.744492e-05	5.417011e-05	1.333228e-04	2.087126e-04
## SPAC4F10.08	1.396465e-04	3.896560e-04	-1.870201e-05	2.212446e-04
## SPAC4F10.12	-5.361041e-04	5.866276e-04	-6.892062e-04	-4.082318e-04
## SPAC4F10.13c	6.138180e-03	2.195002e-03	-1.034422e-02	1.282556e-03
## SPNCRNA.1030	6.903824e-05	7.487119e-06	-2.153147e-05	-2.042632e-04
## SPAC4F10.15c	3.518285e-04	-5.756423e-04	2.486075e-04	-5.652641e-04
## SPAC4F10.16c	2.153119e-03	-6.609620e-04	-1.401702e-04	2.135240e-03
## SPAC4F10.18	5.980261e-04	1.831525e-03	-2.153172e-03	8.622213e-04
## SPAC4F10.19c	-3.167389e-04	-4.137024e-04	1.874890e-04	-1.657617e-04
## SPAC19B12.01	-2.338676e-03	2.507170e-03	3.726378e-04	2.919402e-03
## SPNCRNA.255	-2.842936e-05	7.238866e-05	1.224110e-04	5.012889e-05
## SPAC19B12.03	5.985006e-03	-1.091820e-02	-7.530472e-03	5.038267e-03
## SPNCRNA.1034	1.980178e-04	3.099570e-04	4.183405e-04	3.703443e-05
## SPAC19B12.04	1.084028e-02	7.614187e-03	1.340449e-02	1.105807e-02
## SPAC19B12.07c	-8.180777e-05	6.353969e-04	-1.435382e-03	-8.065873e-04
## SPAC19B12.10	5.280729e-04	-1.012883e-04	6.532624e-04	4.306394e-04
## SPAC19B12.12c	2.130027e-04	-3.074442e-04	-2.957246e-05	2.242402e-04
## SPAC19B12.13	6.518824e-05	-2.441277e-04	-2.257203e-04	4.530586e-04
## SPNCRNA.1035	9.407624e-05	6.206282e-05	3.518552e-05	-7.412806e-05
## SPAPB8E5.04c	1.057539e-03	-5.959822e-04	-1.353559e-03	2.478671e-04
## SPAPB8E5.06c	1.272504e-02	-1.211623e-02	1.335236e-02	1.153279e-02
## SPAC1B3.01c	4.376826e-04	2.103166e-03	-1.165233e-03	1.724679e-03
## SPAC1B3.02c	-1.022685e-03	8.300609e-04	-2.279201e-03	3.416443e-03
## SPNCRNA.1036	1.072911e-04	-1.029664e-05	-1.608488e-04	1.293224e-04
## SPAC1B3.03c	-3.910571e-02	-1.815180e-02	-1.923285e-02	-1.820907e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	-1.201359e-04	-8.563069e-05	-1.261647e-04	8.415230e-05
## SPNCRNA.1038	-5.937034e-03	1.056803e-02	-6.923810e-03	-1.062022e-02
## SPAC1B3.07c	2.167927e-04	5.571519e-04	-1.131432e-03	2.625859e-04
## SPAC1B3.08	2.930960e-03	2.566371e-04	1.737179e-04	1.958845e-03
## SPAC1B3.10c	3.378035e-04	6.225593e-04	-1.214899e-03	-3.796572e-04
## SPAC1B3.11c	-2.377755e-04	2.153320e-04	-1.878494e-04	2.414582e-04
## SPAC1B3.20	5.134756e-04	8.433912e-04	-7.679976e-04	1.054020e-03

## SPAC1B3.13	-2.187637e-03	1.355770e-03	5.922469e-04	-4.760625e-04
## SPAC1B3.15c	1.485108e-04	8.754345e-05	4.470180e-04	-1.444779e-04
## SPAC1B3.16c	-2.200978e-02	-1.257614e-02	2.459860e-02	-2.080162e-02
## SPNCRNA.1039	-4.604843e-05	-6.365849e-05	-3.161618e-05	-3.204957e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	3.473052e-04	9.069688e-04	-1.173701e-03	9.466943e-05
## SPAC1952.05	-7.701744e-04	1.145659e-03	-4.634756e-03	1.427417e-05
## SPAC1952.06c	-3.242882e-04	-3.326946e-04	-9.080295e-04	-5.045764e-04
## SPAC1952.08c	-1.065194e-04	-1.446966e-03	6.273504e-04	3.668185e-04
## SPAC1952.11c	-1.169422e-04	-2.867185e-03	-2.902708e-03	3.261589e-05
## SPAC1952.13	1.267599e-03	-2.257483e-03	2.890479e-04	2.682892e-03
## SPAC1952.14c	4.438532e-04	4.499650e-04	-3.035581e-04	-5.177555e-04
## SPAC1952.15c	-1.965532e-04	4.323542e-05	-4.226469e-04	-8.831814e-05
## SPAC890.02c	3.513636e-04	-3.437646e-04	8.658358e-06	-2.286079e-04
## SPAC890.05	-3.344482e-04	3.579316e-04	1.795338e-04	-7.741274e-04
## SPAC890.07c	2.666315e-03	5.960545e-04	2.554724e-03	-1.045083e-03
## SPAC890.08	2.085292e-02	3.564954e-02	2.084051e-02	1.462274e-02
## SPNCRNA.258	6.884763e-05	1.350382e-05	-7.138039e-05	4.202057e-05
## SPAC22E12.01	1.059416e-04	-1.372242e-04	-2.734251e-04	3.887155e-04
## SPAC22E12.02	-7.841923e-04	-7.442229e-04	-2.013869e-04	1.479559e-04
## SPAC22E12.03c	3.408339e-03	4.785290e-04	-3.222698e-04	-6.700514e-04
## SPAC22E12.05c	-9.528312e-04	3.130981e-03	-3.959204e-03	1.530385e-03
## SPAC22E12.06c	6.645710e-05	8.165780e-04	-1.929264e-03	5.824606e-04
## SPAC22E12.07	-1.766246e-03	-4.916960e-04	5.760307e-04	3.269940e-03
## SPAC22E12.08	2.544433e-04	-7.134267e-04	5.183132e-04	-2.758153e-04
## SPAC22E12.11c	2.556858e-03	-1.859581e-03	-1.006437e-03	3.265305e-04
## SPAC22E12.14c	5.945729e-04	3.044328e-03	-5.564412e-03	1.876605e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	-1.804814e-04	-1.133682e-04	-3.187823e-04	1.037214e-04
## SPAC1006.05c	3.069802e-04	-3.398971e-04	-1.691303e-03	-4.051327e-05
## SPAC1006.06	9.398867e-04	-1.056048e-03	-5.109199e-04	-1.486281e-03
## SPAC1006.07	1.403829e-02	6.182086e-02	2.134392e-02	2.169189e-03
## SPAC1006.08	4.919710e-04	9.620799e-04	-6.668260e-04	1.448639e-04
## SPAC1006.09	1.338941e-03	-2.520382e-03	-4.081038e-03	5.239835e-03
## SPAC1250.05	2.907713e-03	-2.575190e-03	1.011975e-03	4.143910e-03
## SPAC1250.04c	-1.300294e-04	4.248628e-05	-2.230482e-04	-3.391029e-05
## SPAC1250.03	2.085091e-04	-2.298438e-04	-1.228697e-04	5.395004e-04
## SPAC1250.02	-3.806490e-05	7.013103e-05	-1.134185e-04	-6.658522e-05
## SPNCRNA.1046	-2.929191e-05	4.900872e-05	-3.307231e-05	-4.228449e-05
## SPAC29A4.20	4.096481e-05	-2.841756e-03	7.076426e-05	1.551369e-03
## SPAC29A4.19c	-6.819504e-04	-9.525804e-04	-1.827127e-03	3.208774e-04
## SPAC29A4.17c	1.709990e-04	-1.023680e-04	1.940724e-04	-1.597504e-05
## SPAC29A4.16	2.518851e-03	-8.743667e-04	-3.678275e-03	1.934400e-03
## SPAC29A4.15	2.220917e-03	-4.007090e-03	-1.295187e-03	4.928182e-03
## SPNCRNA.1047	-7.082227e-06	-1.675379e-04	1.244073e-05	1.054631e-04
## SPAC29A4.12c	6.587443e-05	-1.494183e-05	3.881698e-05	-7.475860e-05
## SPAC29A4.09	-2.427786e-04	-1.750523e-04	-1.381412e-03	7.544348e-04
## SPAC29A4.08c	-7.103684e-04	-5.138516e-04	-9.012012e-04	-1.362632e-03
## SPAC29A4.07	-3.082451e-04	3.826577e-04	-9.646220e-04	5.877267e-04
## SPAC29A4.06c	2.408624e-04	3.871545e-04	-8.970844e-04	5.918981e-04
## SPAC29A4.04c	5.459300e-03	-1.049652e-02	2.299936e-03	5.943936e-03
## SPAC29A4.02c	1.838857e-02	-1.163367e-02	1.366976e-02	3.131897e-04
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	1.287224e-03	4.065485e-04	-2.302462e-05	1.128845e-04

## SPSNORNA.16	-4.083005e-02	-5.538925e-03	-8.582747e-04	3.625831e-02
## SPAC26F1.13c	6.305815e-03	-1.524732e-02	1.135452e-02	-2.126725e-03
## SPAC26F1.11	2.674495e-04	-7.886380e-05	2.212817e-04	7.127193e-05
## SPAC26F1.07	4.091300e-02	-8.618125e-03	-2.682897e-03	6.731597e-03
## SPAC26F1.05	-8.760276e-05	-5.293435e-04	1.460200e-04	-2.489113e-04
## SPNCRNA.1056	-1.410670e-05	1.329095e-04	-1.675047e-04	-2.017282e-05
## SPAC26F1.04c	5.052003e-03	-5.409710e-04	2.833464e-03	-2.233158e-03
## SPAC26F1.03	-4.573133e-03	4.707578e-03	-1.451309e-03	-3.931717e-03
## SPAC26F1.01	7.510438e-04	-4.084540e-04	-7.312171e-04	-2.460849e-04
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-1.152749e-04	6.477456e-05	5.714386e-05	-6.763268e-05
## SPAC19D5.01	7.044357e-04	-8.468791e-03	1.493809e-02	1.929083e-03
## SPAC19D5.02c	-2.986044e-04	9.768465e-04	-8.929200e-04	-1.038443e-03
## SPAC19D5.04	5.694172e-03	-9.967829e-03	-2.647451e-03	6.471806e-03
## SPAC19D5.05c	-1.880394e-04	-3.464898e-04	-1.542437e-04	2.688741e-04
## SPAC19D5.11c	2.044123e-05	-6.765603e-05	5.671043e-05	-4.612786e-05
## SPNCRNA.1060	-7.612930e-05	2.868645e-04	1.279306e-04	-3.097887e-04
## SPAC14C4.01c	-1.343899e-03	-6.251133e-04	-1.098680e-03	-7.547761e-04
## SPAC19D5.07	1.964097e-04	-2.051066e-04	-3.319398e-04	6.988850e-05
## SPNCRNA.1062	3.191345e-05	3.674977e-05	9.886574e-05	8.175885e-05
## SPAC14C4.03	1.046893e-04	-5.287333e-05	-1.456368e-04	2.113542e-04
## SPAC14C4.04	1.227289e-03	-3.345656e-04	-8.911906e-04	1.889499e-04
## SPAC14C4.05c	9.044603e-04	-4.940681e-04	-8.264763e-05	9.000476e-04
## SPAC14C4.07	7.326770e-04	-8.923669e-04	-2.742693e-03	1.775348e-03
## SPAC14C4.08	-8.460777e-05	-1.042159e-04	-3.271262e-04	2.141550e-04
## SPAC14C4.09	3.852045e-03	1.277918e-03	-2.304619e-03	1.615093e-03
## SPAC14C4.10c	2.550424e-04	-1.710180e-04	-2.004889e-04	6.547341e-04
## SPAC14C4.11	1.545290e-03	-1.995351e-03	-6.965345e-04	4.082168e-03
## SPNCRNA.261	-5.904686e-05	1.965883e-04	-1.131465e-04	-9.348633e-05
## SPAC14C4.13	4.509208e-04	-8.264788e-04	-7.407606e-04	1.555236e-03
## SPAC14C4.14	1.614458e-02	-1.638933e-02	9.853089e-03	9.905098e-03
## SPAC14C4.15c	-4.658959e-04	1.824717e-05	-2.334777e-03	1.806449e-03
## SPAPJ760.03c	4.574812e-03	2.343326e-03	1.950526e-03	-8.302537e-04
## SPNCRNA.1064	3.219560e-05	-4.140646e-05	-3.431765e-05	-8.479329e-05
## SPAC2H10.02c	2.467114e-04	-1.162526e-04	-6.677935e-04	4.767158e-04
## SPAC11E3.03	1.859161e-04	-3.187978e-06	-4.101324e-04	4.212620e-05
## SPAC11E3.04c	3.424672e-04	-7.465396e-04	4.764138e-04	1.984892e-04
## SPAC11E3.07	3.080361e-04	2.850319e-03	-5.555042e-03	4.617143e-04
## SPAC11E3.08c	-1.683873e-04	4.746571e-04	-9.411545e-04	-2.369351e-05
## SPAC11E3.12	3.499792e-04	-1.405457e-04	-2.293944e-04	6.579398e-04
## SPAC11E3.13c	7.811458e-03	-7.553883e-04	2.245445e-03	3.431509e-03
## SPNCRNA.1068	7.538464e-05	2.129845e-05	-9.462156e-05	1.789490e-04
## SPAC11E3.15	1.450910e-02	2.615947e-02	1.832695e-02	3.671314e-02
## SPNCRNA.1070	5.828184e-05	-1.566645e-04	-1.081826e-04	1.882669e-04
## SPAP8A3.05	5.069968e-04	7.266188e-05	3.976622e-04	1.889735e-04
## SPAP8A3.06	5.964261e-05	-8.659115e-05	-5.104420e-04	1.575467e-03
## SPNCRNA.525	-1.154889e-04	9.687992e-05	-8.476216e-05	1.074331e-04
## SPNCRNA.1073	-1.212956e-04	3.809071e-04	7.849529e-05	-5.989768e-05
## SPAP8A3.10	1.240242e-03	9.232612e-04	-7.223068e-04	-8.484726e-05
## SPAP8A3.12c	3.865957e-03	6.501756e-03	-1.487403e-02	-1.644826e-03
## SPAP8A3.13c	1.512433e-03	1.846043e-04	-5.325009e-04	1.046296e-03
## SPAC4D7.01c	3.383564e-04	-8.176077e-04	-1.857695e-03	-8.013251e-04
## SPNCRNA.1075	2.772085e-05	-1.448312e-05	-2.415639e-07	-7.075465e-05

## SPAC4D7.04c	-1.442948e-03	1.681294e-03	-1.657966e-03	1.147296e-03
## SPAC4D7.05	3.030013e-03	1.024037e-02	2.824572e-03	-2.410146e-04
## SPAC4D7.06c	9.718983e-04	-6.206234e-04	-7.105702e-04	9.443547e-04
## SPNCRNA.1077	-2.840389e-05	-4.136106e-06	-1.724488e-04	-6.495741e-05
## SPAC4D7.07c	5.609142e-04	-5.572653e-04	-1.424055e-03	4.416764e-04
## SPAC4D7.08c	-6.915482e-03	8.471640e-03	-2.786238e-03	1.864057e-03
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	5.610940e-05	9.171084e-05	-5.087056e-05	2.552584e-04
## SPAC4D7.09	1.130705e-03	-7.520575e-04	-1.649064e-03	3.437835e-04
## SPAC4D7.14	-5.748098e-06	1.824396e-05	-1.692124e-04	-3.729300e-05
## SPAC3G6.04	3.674968e-04	-9.723529e-04	6.233609e-04	-2.514672e-04
## SPAC3G6.06c	5.550568e-06	2.951373e-04	-6.287527e-04	-2.543326e-04
## SPAC3G6.07	2.265154e-04	3.104027e-04	-6.101480e-04	3.852270e-04
## SPAC3G6.11	5.777543e-04	-6.682893e-04	-1.610397e-03	6.839373e-04
## SPAC3G6.13c	1.840350e-02	6.703956e-02	8.159361e-03	4.126526e-02
## SPNCRNA.267	-7.940514e-06	-1.366862e-04	1.964299e-05	5.393800e-05
## SPAC29B12.02c	-1.032637e-03	2.146278e-03	-9.213015e-03	-3.121702e-03
## SPAC29B12.04	-1.798320e-02	8.891035e-03	-5.288537e-03	-1.208263e-03
## SPAC29B12.05c	-2.912100e-05	5.068687e-04	-5.466638e-04	-2.087165e-05
## SPNCRNA.1081	-3.605183e-04	2.067971e-04	6.202521e-04	4.170579e-05
## SPAC29B12.06c	1.274083e-03	8.582823e-04	-1.393974e-03	2.096851e-03
## SPAC29B12.07	3.225543e-03	-4.988832e-03	9.001926e-04	-2.295328e-03
## SPNCRNA.1082	-8.933431e-05	-3.647803e-04	-1.392681e-04	-2.086871e-05
## SPNCRNA.270	1.886693e-05	9.302543e-06	1.748324e-05	-1.047663e-05
## SPAC29B12.08	1.440325e-03	-1.056336e-04	-1.287841e-03	9.173622e-04
## SPAC29B12.10c	3.480774e-03	6.550164e-03	-7.983487e-03	3.869409e-03
## SPAC29B12.11c	1.169364e-03	-9.387438e-04	5.993425e-04	9.862042e-04
## SPATRNASER.04	1.904889e-03	4.866699e-03	4.965227e-03	-1.390350e-03
## SPAC29B12.13	-1.167283e-07	1.016413e-03	-8.988617e-04	-5.242831e-06
## SPNCRNA.271	-1.731598e-05	2.526435e-05	2.557100e-05	1.678545e-05
## SPNCRNA.272	6.678671e-06	1.946658e-06	7.330921e-06	7.423088e-06
## SPAC1039.01	1.094327e-03	-2.486968e-04	-3.593257e-04	-2.653527e-04
## SPAC1039.02	-9.605876e-04	-5.230329e-03	-1.217677e-02	-1.454439e-02
## SPAC1039.03	-3.266604e-04	5.485721e-04	-2.493413e-03	7.099852e-04
## SPAC1039.05c	4.999482e-04	-6.696146e-05	-1.846493e-03	-5.871027e-04
## SPNCRNA.1084	4.213163e-05	-1.113367e-04	8.723778e-05	5.890302e-05
## SPAC1039.06	-5.842917e-04	-1.728981e-04	-1.842947e-03	8.495243e-05
## SPNCRNA.1085	1.792286e-05	-5.874230e-05	3.237763e-05	2.917283e-05
## SPAC1039.08	-1.082927e-04	-1.436229e-04	-4.430952e-04	1.161169e-04
## SPNCRNA.1086	-6.450847e-05	-3.649738e-05	-2.584352e-04	-2.255508e-04
## SPNCRNA.275	1.076505e-05	3.081957e-05	-2.884234e-05	-2.009180e-05
## SPAC1039.09	-1.679512e-04	-2.752001e-04	-2.532351e-04	-2.483473e-05
## SPAC1039.11c	9.203537e-05	-2.512318e-04	-8.164725e-04	-4.635726e-04
## SPNCRNA.1087	-2.653181e-04	3.650954e-04	-8.512103e-04	-3.461125e-05
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-1.415698e-04	-2.363760e-05	-8.832960e-05	6.177230e-05
## SPNCRNA.1089	4.443365e-05	4.534513e-05	-1.184112e-04	-7.623304e-05
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	1.406099e-02	1.166015e-02	-2.307541e-02	9.064868e-03
## SPNCRNA.278	-3.197366e-06	9.534962e-05	-3.104733e-05	2.236208e-05
## SPAC922.06	-1.066058e-03	-4.465270e-05	-9.291300e-04	-6.814075e-04
## SPAC922.07c	-3.275090e-04	-7.100457e-04	-6.754334e-04	-3.522552e-04
## SPNCRNA.1090	-1.518008e-05	-3.975809e-07	-1.036952e-04	5.980981e-05
## SPNCRNA.1091	7.935425e-05	-1.001124e-04	-6.434537e-05	1.037504e-04

## SPNCRNA.1093	3.467299e-05	4.909548e-05	-3.896525e-05	-3.769276e-05
## SPAC869.06c	-1.761902e-05	4.187705e-04	-4.707284e-04	3.810766e-04
## SPNCRNA.279	-5.003186e-05	-1.522906e-05	-3.640657e-05	4.938341e-05
## SPAC869.05c	-3.643676e-04	-8.351057e-05	-1.724832e-03	-2.102382e-04
## SPAC869.04	1.628253e-06	1.915602e-05	-3.439371e-06	-3.409805e-05
## SPAC869.03c	3.855806e-05	3.084976e-05	-1.292705e-05	2.441822e-05
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	-4.243951e-05	7.393360e-07	4.495673e-05	-1.154122e-05
## SPAC869.02c	2.211960e-03	1.001485e-03	-4.200440e-03	-1.889968e-03
## SPAC869.01	6.430607e-05	1.163457e-04	-9.285413e-05	-2.926059e-05
## SPAC186.01	5.254812e-04	9.803837e-04	-1.693996e-03	8.492008e-04
## SPNCRNA.96	1.256350e-06	1.856229e-05	-3.706829e-05	3.155727e-05
## SPAC186.03	1.511463e-05	5.685890e-06	-9.575147e-06	-9.464574e-06
## SPAC186.04c	-5.976895e-05	-2.328543e-04	2.912216e-04	-1.693597e-04
## SPAC186.06	-2.396948e-04	-1.527642e-04	1.894256e-04	-2.179145e-04
## SPNCRNA.310	-1.955147e-07	-3.256470e-06	-1.846408e-06	6.050993e-06
## SPAC750.01	-1.037853e-04	-5.901885e-04	-4.664558e-04	-1.927158e-03
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	6.757362e-06	-4.451273e-05	4.574487e-05	-4.326108e-06
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	4.762758e-05	-8.047378e-05	-1.111202e-05	3.293055e-05
## SPAC212.08c	9.607373e-05	1.435588e-04	-1.509843e-04	1.247669e-04
## SPAC212.07c	6.255801e-06	-2.109534e-06	-3.780497e-05	5.008475e-05
## SPAC212.06c	-6.221273e-06	1.338150e-05	4.196882e-05	-7.082808e-06
## SPAC212.05c	1.158341e-05	-4.164417e-06	7.048942e-06	2.255190e-06
## SPAC977.01	-2.815750e-06	2.902142e-05	-1.915172e-06	-1.901194e-05
## SPAC977.18	-1.752255e-06	1.180012e-07	1.672868e-05	1.179025e-05
## SPAC977.02	2.268902e-05	-8.377457e-06	3.335360e-06	1.685022e-05
## SPAC977.06	1.533861e-05	2.108264e-05	1.383220e-06	-8.211952e-06
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	-7.870884e-05	5.548459e-04	-1.226804e-03	-2.349253e-04
## SPAC977.10	-3.669315e-03	6.662957e-04	-6.331206e-03	1.481827e-04
## SPAC977.12	-7.756099e-04	2.778336e-03	5.978611e-04	2.712656e-03
## SPAC977.14c	-3.476100e-03	-6.307286e-03	-1.123063e-02	-2.020789e-02
## SPAC977.17	-3.672956e-04	-1.269451e-03	-2.031721e-03	-2.016618e-03
## SPNCRNA.137	-1.096296e-05	4.727723e-05	5.944101e-06	-6.219277e-05
## SPNCRNA.83	6.807177e-06	1.560126e-04	1.455740e-04	1.007070e-05
## SPAPJ695.02	5.641053e-06	2.552567e-05	-7.248064e-05	-2.198342e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-3.585512e-05	1.106147e-05	-2.476862e-04	-1.761864e-04
## SPAC1F8.02c	1.280005e-05	1.924939e-06	-1.212297e-05	4.980227e-05
## SPAC1F8.03c	1.366221e-03	-1.062110e-03	-2.934578e-03	-5.422964e-03
## SPNCRNA.604	-1.081130e-04	2.175710e-04	1.174856e-04	2.711215e-04
## SPNCRNA.139	-3.630696e-06	3.737607e-06	-3.408883e-06	9.559562e-06
## SPNCRNA.605	2.699120e-04	7.449634e-05	-2.468633e-03	-1.195824e-04
## SPAC1F8.04c	-1.099776e-04	-2.989794e-05	-3.832354e-04	-1.712480e-04
## SPNCRNA.606	8.709693e-06	-2.121099e-04	-9.314665e-05	1.649382e-04
## SPAC1F8.05	1.318059e-04	-7.841909e-05	2.473381e-04	1.678753e-04
## SPAC1F8.07c	9.991704e-02	-3.584002e-02	5.920073e-02	-2.754846e-02
## SPAC11D3.04c	-3.622795e-03	-3.657612e-04	-3.127191e-03	-6.718566e-04
## SPAC11D3.06	-9.215581e-04	8.271820e-04	-2.187352e-03	-1.687606e-06
## SPAC11D3.09	1.160249e-04	-6.152828e-04	7.213647e-04	-2.653246e-04
## SPAC11D3.10	9.831660e-05	5.380632e-04	-6.080246e-04	1.853341e-04
## SPAC11D3.13	-3.661405e-04	-1.611200e-03	-2.639780e-03	-1.966033e-03

## SPAC11D3.15	2.874671e-04	1.320511e-03	-6.743318e-03	3.324458e-03
## SPAC11D3.17	4.704161e-04	-3.955628e-04	3.044034e-05	5.580836e-04
## SPNCRNA.611	-1.334236e-04	-5.899459e-05	-3.278510e-04	2.879947e-04
## SPAC5H10.02c	5.988557e-04	7.161182e-04	-6.447867e-04	-1.626623e-04
## SPNCRNA.613	-1.370013e-04	-7.785492e-05	-6.791012e-05	1.228595e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-3.383325e-04	8.161003e-04	-1.775944e-03	-9.010120e-04
## SPAC5H10.07	-1.187226e-04	6.631151e-06	-1.256765e-04	-3.202388e-04
## SPNCRNA.614	-1.575376e-04	6.661776e-05	-4.631750e-06	-9.927223e-05
## SPNCRNA.615	-1.925537e-04	2.054439e-05	-3.317541e-05	-4.274320e-05
## SPNCRNA.616	-1.565356e-04	-5.716474e-05	-2.061797e-04	-3.160984e-04
## SPAC13G6.02c	1.716350e-02	6.207627e-02	-6.098810e-04	1.099070e-03
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	1.351245e-04	1.692583e-03	5.946577e-04	3.561259e-03
## SPAC13G6.05c	2.920951e-04	4.865181e-04	2.390712e-05	1.531239e-04
## SPAC13G6.06c	5.810447e-04	2.358745e-04	-6.020311e-03	5.059627e-03
## SPAC13G6.07c	1.967495e-02	1.955682e-02	8.598418e-03	8.045899e-05
## SPAC13G6.08	-1.666596e-04	-2.189931e-04	-4.553771e-04	-3.255265e-05
## SPNCRNA.619	-1.637064e-04	-5.956837e-04	1.036579e-04	-3.157003e-05
## SPAC13G6.09	-1.350437e-04	4.073621e-04	-1.924921e-03	5.610005e-04
## SPAC13G6.10c	1.310898e-02	-9.170559e-03	-8.219629e-03	9.517920e-03
## SPAC13G6.11c	-6.175005e-04	1.206482e-03	-1.321572e-03	1.122242e-04
## SPAC13G6.12c	1.221310e-04	1.065733e-04	-2.411211e-04	-1.006407e-04
## SPAC13G6.13	4.567289e-06	1.150140e-05	-7.983418e-07	-5.212892e-07
## SPAC24B11.06c	8.394424e-04	-3.486325e-03	3.090443e-04	3.796957e-04
## SPNCRNA.622	-5.524436e-04	2.258305e-04	-3.109936e-04	5.123090e-04
## SPAC24B11.07c	1.124181e-03	-9.055139e-04	-1.432709e-04	5.446385e-04
## SPNCRNA.623	1.010457e-04	4.196810e-04	-5.471633e-04	4.975999e-04
## SPAC24B11.10c	9.535705e-04	-1.220697e-03	-2.090733e-03	1.433069e-03
## SPAC24B11.14	-1.084152e-04	1.747158e-04	-1.752198e-04	1.262593e-04
## SPAC24B11.13	9.446963e-04	-7.363169e-04	1.158809e-04	-1.667817e-03
## SPAC806.03c	5.047575e-03	-4.771071e-03	3.395465e-03	1.424016e-03
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	9.617801e-04	1.686834e-04	-2.079304e-03	-1.615239e-03
## SPAC806.05	4.643587e-04	-5.957897e-04	6.336931e-05	8.059536e-04
## SPNCRNA.629	1.213347e-04	-1.859500e-04	4.298054e-05	5.685393e-05
## SPAC806.08c	6.784150e-04	-3.644527e-04	-6.769159e-04	-2.233191e-04
## SPAC1639.01c	4.569436e-03	-1.181302e-03	9.943691e-04	-6.027854e-04
## SPAC1639.02c	4.141412e-04	1.048743e-03	-3.603738e-03	4.409017e-05
## SPNCRNA.631	1.013683e-05	-8.851385e-06	1.102331e-05	-1.823174e-05
## SPAC1F5.10	-2.049155e-03	2.523109e-03	-4.747509e-03	2.589882e-03
## SPNCRNA.634	6.634009e-05	-1.240734e-04	-2.111103e-04	7.391622e-04
## SPAC1F5.09c	1.363306e-04	1.991758e-04	-1.191385e-04	-9.327733e-05
## SPAC1F5.08c	2.293023e-04	3.596565e-04	-1.314133e-03	3.486069e-04
## SPAC1F5.06	2.989980e-03	-7.753498e-03	-3.891914e-04	3.425444e-03
## SPAC1F5.05c	3.405777e-04	-2.386299e-04	-5.932582e-06	-3.776199e-04
## SPAC1F5.03c	1.502414e-03	3.288920e-05	-3.621210e-03	3.090729e-03
## SPAC18B11.11	5.575021e-04	6.529318e-04	-2.937539e-03	1.348631e-03
## SPAC18B11.06	1.176453e-04	-6.519519e-05	6.979662e-04	1.649441e-03
## SPAC18B11.05	-2.161580e-04	-3.238972e-04	-5.475328e-04	-2.257300e-05
## SPAC18B11.03c	-4.291626e-04	-4.724489e-04	-9.945353e-04	-5.222543e-04
## SPAC12G12.16c	4.412404e-04	5.663932e-04	-3.763156e-04	4.226548e-04

## SPAC12G12.13c	1.193232e-04	1.569406e-03	-1.704011e-03	1.109883e-03
## SPAC12G12.12	6.864867e-04	1.105024e-03	2.894973e-04	2.040900e-03
## SPAC12G12.11c	9.250890e-04	7.134892e-04	-1.623708e-03	3.875208e-04
## SPAC12G12.17	3.213302e-04	3.454693e-04	-2.928527e-04	-1.192696e-04
## SPAC12G12.08	3.705442e-04	1.187258e-03	-2.897966e-03	-6.553812e-04
## SPAC12G12.07c	8.919373e-04	-5.499172e-04	-5.148157e-03	2.393045e-03
## SPAC12G12.05c	1.348460e-04	6.401021e-04	-1.720816e-03	1.121756e-03
## SPSNORNA.29	-1.323889e-03	-3.485619e-03	1.463933e-03	-7.590384e-03
## SPAC12G12.04	-6.954554e-02	-5.140480e-02	-3.065649e-02	-7.917906e-04
## SPAC12G12.02	2.349220e-04	-1.431469e-04	4.071157e-04	-9.072240e-04
## SPNCRNA.640	4.122818e-05	5.851868e-05	2.815792e-05	-4.840992e-05
## SPAC12G12.01c	-2.256229e-03	9.800030e-04	-4.707823e-03	1.683565e-03
## SPAC630.04c	2.832431e-04	2.087493e-04	-1.233607e-03	1.955165e-04
## SPAC630.03	2.118530e-03	5.102922e-04	-3.749829e-03	2.698989e-03
## SPAC630.06c	4.773146e-04	8.171638e-04	-8.289757e-04	-4.871379e-04
## SPAC630.07c	2.383977e-04	1.863572e-04	-5.840331e-05	-2.954247e-04
## SPNCRNA.641	2.366191e-05	1.317116e-04	-2.089384e-04	-2.865790e-04
## SPAC630.08c	8.352060e-03	3.402490e-04	3.936072e-03	-7.059958e-03
## SPNCRNA.642	2.416478e-04	-8.073232e-05	1.864157e-04	6.284744e-05
## SPAC630.09c	8.341982e-04	-2.148331e-04	-1.065430e-03	1.138729e-03
## SPAC630.10	5.595374e-04	-3.028107e-04	-3.467429e-04	1.389060e-04
## SPAC1751.03	4.313864e-03	-1.226126e-04	1.163837e-03	-3.980606e-04
## SPAC31A2.05c	-6.105348e-04	-3.768678e-04	-1.338628e-03	5.226433e-04
## SPAC31A2.08	4.679162e-05	7.011264e-04	9.003287e-04	-6.521654e-04
## SPAC31A2.10	-2.698034e-04	4.378702e-04	-4.924028e-05	-3.285349e-04
## SPAC31A2.15c	-7.122220e-04	5.905826e-04	-1.793084e-03	6.688609e-04
## SPAC13C5.02	-7.256299e-05	-7.804357e-04	7.578289e-05	1.238877e-03
## SPAC13C5.03	-2.621587e-04	-2.781883e-05	-9.059622e-04	-3.262821e-04
## SPSNORNA.01	-1.621739e-02	1.443619e-03	2.745594e-03	1.586885e-02
## SPNCRNA.646	-3.854676e-06	-3.461623e-04	5.450523e-04	-2.952072e-04
## SPAC13C5.07	-1.625258e-02	-2.699319e-03	3.795295e-03	-2.080527e-03
## SPNCRNA.647	-1.693638e-04	1.824864e-04	-2.444205e-04	-4.829288e-04
## SPNCRNA.648	2.100532e-04	-2.995736e-04	-3.066948e-04	-2.535119e-05
## SPAC23E2.01	6.097473e-03	-3.146775e-03	4.548528e-03	1.081729e-03
## SPNCRNA.649	-3.904335e-05	6.932719e-05	-3.941640e-05	7.225480e-05
## SPAC23E2.03c	1.392996e-04	1.078796e-04	-1.654625e-04	1.470834e-04
## SPNCRNA.650	1.469064e-04	1.214708e-04	-2.513922e-05	6.258011e-05
## SPAC24H6.13	1.290378e-02	2.565663e-03	-2.323799e-03	2.986251e-03
## SPNCRNA.651	1.599790e-04	-1.533424e-04	5.131900e-04	5.597599e-04
## SPAC24H6.10c	-8.052828e-03	1.837400e-02	-4.689994e-03	2.138592e-02
## SPAC24H6.08	1.051769e-03	-3.758668e-04	7.945785e-04	2.730847e-04
## SPAC24H6.05	2.138631e-03	-1.042196e-03	-3.865586e-04	3.591428e-04
## SPAC24H6.03	4.321621e-04	-5.782357e-04	3.138189e-04	-8.103448e-05
## SPNCRNA.47	5.963237e-05	-1.885973e-04	7.342982e-05	9.044458e-05
## SPAPB21F2.02	-1.894220e-04	6.110394e-04	-6.379848e-03	2.949197e-03
## SPAPB21F2.03	-1.761585e-04	-1.091582e-03	-5.006411e-04	6.171619e-04
## SPAC227.01c	5.716218e-04	-7.337646e-04	2.234241e-04	4.919109e-04
## SPAC227.02c	4.971494e-04	1.293225e-03	-1.091924e-03	7.968422e-04
## SPAC227.03c	1.149599e-03	-1.324507e-04	7.261035e-04	1.907127e-04
## SPNCRNA.656	1.487956e-05	1.968601e-05	2.883387e-05	1.473770e-04
## SPAC227.04	9.013224e-05	9.084389e-05	-6.022443e-04	-2.138318e-04
## SPNCRNA.658	8.088956e-05	3.427613e-05	2.014314e-05	-1.111233e-04
## SPAC227.14	-4.755932e-04	-4.661762e-04	-1.638044e-03	9.476183e-04
## SPAC227.15	1.975512e-03	-2.207580e-03	-2.064507e-04	1.867457e-03

## SPNCRNA.659	-4.440282e-04	5.660238e-04	-5.012309e-04	4.240735e-04
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	-5.189185e-06	-4.844730e-04	-9.539423e-04	4.063253e-05
## SPAC227.18	2.971840e-03	-7.116021e-03	5.039819e-03	-5.996534e-03
## SPAC2F7.02c	6.070640e-05	-2.625138e-04	-4.800057e-04	-2.445698e-05
## SPAC2F7.03c	1.358845e-03	-1.053312e-03	-1.618745e-03	1.688940e-04
## SPAC2F7.05c	-8.663150e-03	-4.590828e-03	-5.523219e-03	-6.375392e-03
## SPAC2F7.06c	-3.430365e-05	-3.965054e-06	-2.766898e-04	9.892878e-05
## SPAC2F7.07c	-1.492826e-04	-8.819066e-05	-1.054237e-03	-1.543475e-04
## SPAC2F7.08c	-3.088511e-06	-6.258271e-04	-1.359846e-03	-3.664900e-05
## SPAC2F7.09c	6.785841e-04	3.490193e-04	-1.458520e-03	5.445455e-04
## SPAC2F7.10	-1.101479e-03	-5.862468e-04	-1.571871e-03	1.559159e-03
## SPAC2F7.11	4.174280e-04	-1.169732e-03	-2.932160e-03	-3.951205e-04
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-5.475552e-04	-6.393310e-04	-1.299915e-03	2.563765e-03
## SPAC2F7.16c	3.770836e-04	-2.066752e-03	-6.200930e-04	-6.880184e-04
## SPAC2F7.17	1.055998e-04	2.939204e-04	-8.530700e-04	7.232283e-04
## SPAC13A11.02c	2.870177e-03	-6.111592e-03	-1.412330e-03	2.019209e-03
## SPNCRNA.155	-3.200198e-06	5.862281e-06	4.511503e-06	-9.944821e-06
## SPNCRNA.662	-3.734382e-06	1.375962e-04	-1.125296e-04	-1.902204e-06
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-2.413045e-04	-3.903532e-04	-1.407958e-04	-3.723735e-04
## SPAC3H8.05c	9.660645e-04	-1.300992e-03	-2.601207e-03	7.485653e-04
## SPNCRNA.664	1.157936e-04	-2.528992e-04	2.427906e-04	-1.010469e-05
## SPNCRNA.665	1.074887e-05	-6.149164e-06	8.055383e-05	-5.413874e-05
## SPAC3H8.06	6.070377e-04	-1.067787e-03	-2.080718e-03	2.812292e-03
## SPAC3H8.07c	2.491533e-04	7.775571e-04	5.575257e-04	-2.257612e-04
## SPNCRNA.666	3.044073e-05	4.565557e-04	-2.307532e-04	-6.320246e-04
## SPAC3H8.09c	-8.315052e-05	-2.068369e-03	-1.222649e-03	-1.079439e-03
## SPAC1F3.07c	8.414632e-04	-5.050442e-04	-1.857837e-04	-1.798552e-04
## SPNCRNA.668	-6.719449e-04	6.127960e-04	-7.399866e-04	-2.878465e-04
## SPAC1F3.08c	-2.718906e-06	6.945728e-06	1.275920e-05	-8.279383e-07
## SPAC1F3.09	9.254913e-03	6.950989e-03	1.865571e-03	2.536122e-03
## SPNCRNA.669	-6.133849e-05	4.762518e-04	2.175524e-05	4.845202e-04
## SPAC1F3.10c	2.158188e-04	-2.799340e-04	-7.933453e-04	-2.247369e-04
## SPAC1D4.04	1.843480e-03	-2.799682e-03	7.432181e-04	1.650656e-03
## SPAC1D4.06c	7.965196e-04	3.504778e-04	-7.859101e-04	3.092514e-04
## SPAC1D4.08	1.790228e-03	-1.481620e-03	-6.128929e-04	1.070735e-03
## SPAC1D4.09c	5.516621e-04	-7.609365e-04	1.012970e-04	7.487303e-04
## SPAC1D4.11c	6.165735e-04	-9.066468e-04	-8.910817e-04	7.336029e-04
## SPNCRNA.672	1.625898e-04	8.399125e-04	-2.708428e-04	7.904319e-05
## SPNCRNA.673	7.249387e-05	-7.386568e-05	-2.797044e-06	1.255604e-05
## SPAC1D4.13	-1.982894e-04	2.331210e-03	-3.569284e-03	1.002166e-03
## SPNCRNA.674	1.196210e-04	-2.290351e-05	-3.131517e-04	-2.238922e-05
## SPAC22F3.12c	1.627988e-04	4.388357e-05	-2.292736e-04	5.518018e-04
## SPAC22F3.09c	9.829471e-04	-1.220983e-04	2.869880e-04	2.082137e-04
## SPAC22F3.15	3.764788e-04	4.147121e-04	2.906559e-04	-3.356187e-04
## SPAC22F3.06c	-1.759716e-03	7.373765e-03	-1.006021e-02	-4.815377e-03
## SPAC22F3.04	-3.312185e-05	-1.491310e-05	-2.219857e-05	-2.116114e-05
## SPATRNAVAL.02	-2.770875e-02	-3.237858e-03	4.572056e-02	-1.257977e-02
## SPAC22F3.02	9.783362e-06	3.150486e-05	-1.640676e-04	-3.105706e-04
## SPAC1296.01c	-1.092437e-03	1.396100e-03	-4.282224e-03	1.896647e-03
## SPAC1296.02	2.010381e-03	3.345969e-03	-3.182572e-03	-6.110708e-05
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAPJ696.01c	3.407576e-04	9.638286e-04	-2.848797e-03	-9.774610e-04
## SPAC1296.06	6.313574e-04	7.556722e-04	-8.278711e-04	-8.705040e-04
## SPAC22G7.02	2.066605e-03	2.079035e-03	-2.338391e-03	1.562290e-03
## SPAC22G7.04	-9.753231e-04	1.800796e-03	-2.802461e-03	-5.654394e-04
## SPAC22G7.06c	7.800903e-02	-7.666435e-02	9.255620e-02	6.005900e-02
## SPAC22G7.07c	-8.053726e-05	4.231693e-04	-9.235741e-04	-5.756416e-04
## SPAC22G7.08	7.270844e-05	-1.610199e-04	6.765981e-04	-4.492670e-06
## SPAC22G7.11c	5.275426e-04	6.493222e-04	-3.810899e-04	3.989513e-04
## SPNCRNA.679	6.626271e-05	5.865730e-05	-6.054806e-05	2.233371e-04
## SPNCRNA.680	-1.386208e-04	-1.468346e-04	7.164369e-05	-1.783388e-04
## SPAC4G8.04	5.989771e-04	-1.147191e-03	-1.932735e-04	1.516834e-05
## SPAC4G8.05	2.028480e-03	7.236539e-04	2.494183e-04	5.101401e-04
## SPAC4G8.07c	-4.820651e-04	1.329702e-04	-4.520795e-04	-4.212048e-04
## SPNCRNA.681	1.261942e-05	-2.112969e-05	-9.275821e-07	3.149910e-06
## SPNCRNA.682	-6.499392e-06	-9.067957e-05	-1.268575e-04	6.187474e-05
## SPAC4G8.09	4.205993e-04	-7.654231e-04	-5.045104e-04	1.052791e-03
## SPNCRNA.683	-7.035170e-05	1.234913e-05	-2.989732e-05	9.344903e-05
## SPAC4G8.10	7.853166e-04	1.021443e-04	4.687900e-04	6.446022e-05
## SPNCRNA.684	-6.549147e-05	3.529945e-05	-3.710094e-04	-1.787739e-04
## SPAC16C9.01c	1.155798e-03	5.123914e-04	-9.256974e-04	-8.205506e-04
## SPNCRNA.685	-9.266158e-05	-6.534547e-05	-1.304005e-04	-1.525674e-04
## SPNCRNA.686	-2.691380e-05	3.666019e-05	2.174946e-04	6.921402e-05
## SPAC16C9.02c	-2.867544e-03	4.913443e-03	-3.028439e-03	1.605784e-03
## SPAC16C9.03	-5.193711e-04	-3.523414e-03	5.961806e-04	3.372024e-04
## SPAC16C9.04c	1.693958e-03	-7.075525e-04	-2.579497e-04	1.569999e-03
## SPNCRNA.687	-4.984037e-04	-1.260926e-04	-1.345513e-04	-2.094410e-04
## SPAC16C9.06c	-2.003412e-05	-3.567693e-03	-1.063876e-03	4.799906e-03
## SPAC16C9.07	1.269618e-03	-1.008553e-03	-2.847908e-03	1.489084e-03
## SPAC2G11.04	2.355543e-04	-1.282290e-04	-3.473131e-04	2.632106e-04
## SPAC2G11.05c	-6.835102e-05	1.894170e-04	-6.968160e-04	-5.895979e-04
## SPAC2G11.08c	-1.360910e-04	2.871322e-04	-3.684241e-06	-1.259781e-04
## SPAC2G11.10c	2.946858e-04	-8.481748e-04	-7.784659e-04	2.992589e-04
## SPNCRNA.689	9.683631e-05	3.006477e-05	-1.200741e-04	-6.723325e-05
## SPAC2G11.11c	1.443102e-03	-1.245883e-03	-2.863521e-03	1.430397e-03
## SPNCRNA.690	-9.523814e-05	-1.018745e-04	-3.582779e-04	-4.672640e-05
## SPAC2G11.13	1.509205e-03	2.834820e-04	-8.184964e-04	7.222391e-04
## SPAC2G11.14	1.138758e-03	1.457457e-04	-1.384239e-03	3.028268e-03
## SPAC2G11.15c	3.356353e-04	-5.796210e-04	-2.319963e-04	4.620230e-04
## SPAC521.04c	1.697177e-03	9.724596e-04	-1.727177e-03	8.585399e-04
## SPNCRNA.693	2.288522e-05	-5.042905e-06	4.105613e-05	2.710812e-05
## SPAC23G3.02c	-2.506250e-03	-4.387796e-03	-3.884925e-05	-7.729754e-04
## SPAC23G3.03	8.456961e-04	-8.821649e-04	8.633306e-04	-5.233278e-04
## SPAC23G3.05c	4.080258e-04	-8.820111e-04	2.543137e-04	1.202771e-03
## SPAC23G3.09	9.473877e-05	-4.899159e-04	-2.537604e-03	1.737891e-03
## SPAC23G3.11	-1.521354e-04	3.330931e-03	-4.061741e-03	2.825780e-03
## SPAC23G3.12c	-1.326151e-03	-3.147280e-03	-2.669906e-03	1.355895e-03
## SPAC22H12.03	-1.162772e-04	-1.088554e-04	-7.986167e-04	2.286830e-04
## SPAC22H12.04c	2.374175e-02	8.798770e-02	5.325708e-02	-2.536238e-02
## SPAC1687.02	5.313298e-04	2.923061e-04	-1.448089e-05	-7.750923e-04
## SPAC1687.03c	6.818799e-05	1.012700e-03	-1.578068e-03	-1.038977e-03
## SPNCRNA.695	5.972317e-05	-1.760558e-04	1.001843e-04	-5.110432e-05
## SPRRNA.12	8.074497e-02	2.098504e-03	-5.096944e-04	-2.904424e-02
## SPAC1687.07	-8.708362e-06	2.962808e-04	-5.291531e-04	6.170505e-05
## SPAC1687.08	-3.507216e-06	-1.535396e-04	-1.920596e-04	1.451548e-04

## SPAC1687.09	4.313912e-03	-4.548254e-03	2.542143e-03	2.839659e-03
## SPAC1687.10	2.775813e-04	2.705572e-04	-1.649670e-03	2.011287e-04
## SPAC1687.13c	1.876289e-04	1.492509e-04	-8.884757e-04	2.729403e-04
## SPAC1687.23c	5.971095e-07	-1.126840e-05	6.642367e-06	1.231110e-06
## SPAC1687.15	1.357019e-03	-1.232714e-03	-7.955496e-04	2.770980e-03
## SPNCRNA.697	-1.754071e-05	4.685126e-05	-2.510185e-05	-2.127478e-06
## SPAC1687.21	-1.262106e-03	1.976316e-03	5.514258e-04	6.218554e-05
## SPAC1687.22c	4.566385e-04	-1.252694e-03	6.527874e-04	-2.034286e-04
## SPNCRNA.698	4.367728e-05	-2.165557e-04	-1.637858e-04	-5.284395e-05
## SPNCRNA.699	1.952664e-04	6.252676e-05	-6.501625e-04	5.111319e-04
## SPAC222.05c	1.237085e-04	8.021611e-05	-1.360888e-03	7.152030e-04
## SPNCRNA.700	7.497566e-05	-5.135605e-05	1.938624e-05	-1.761036e-04
## SPATRNAGLU.02	-1.212464e-01	4.725554e-02	7.561831e-02	-3.192583e-02
## SPAC222.09	6.617881e-04	3.732672e-04	-8.791475e-04	-2.713359e-03
## SPAC222.10c	4.252118e-04	-1.336416e-04	-1.144750e-03	2.956462e-04
## SPAC222.11	4.077744e-04	-2.245120e-03	-1.515555e-03	9.709736e-04
## SPAC222.12c	2.967553e-02	-2.770136e-02	4.252543e-03	4.834654e-02
## SPAC222.13c	3.537419e-04	-5.366186e-04	3.009305e-05	1.143529e-03
## SPAC222.14c	-1.508750e-04	-8.698471e-04	-7.643931e-04	-2.205427e-03
## SPNCRNA.50	6.246335e-06	1.144834e-07	-1.816224e-05	7.058180e-06
## SPAC821.03c	3.349374e-03	2.928881e-04	-1.003766e-03	2.408244e-03
## SPAC821.04c	1.764915e-03	-1.295445e-03	5.980018e-04	9.449365e-04
## SPSNRNA.03	-3.536750e-02	1.220418e-01	-2.357663e-01	-2.688882e-01
## SPAC821.07c	6.930921e-04	-8.008732e-04	-8.990247e-04	5.465507e-04
## SPNCRNA.163	8.918710e-05	5.090103e-05	3.586387e-06	-5.578647e-05
## SPNCRNA.164	8.642556e-06	1.714089e-06	9.002922e-07	7.760765e-06
## SPAC821.11	-2.999446e-03	-3.795295e-03	4.466445e-03	8.690241e-04
## SPAC821.13c	2.833510e-03	-6.525654e-04	-5.076931e-03	1.651805e-03
## SPAC139.03	4.583105e-04	-3.461985e-05	5.226091e-04	1.226818e-04
## SPAC139.04c	5.694785e-04	-1.205108e-03	-1.397525e-03	1.352275e-03
## SPNCRNA.705	-5.015409e-05	5.034969e-05	-1.199320e-05	-3.506775e-05
## SPAC139.05	2.815451e-04	1.220849e-04	5.863683e-03	4.227919e-03
## SPNCRNA.706	-5.140355e-04	3.714264e-04	-1.022248e-04	-7.621224e-04
## SPAC139.06	-5.354808e-05	-5.967365e-04	-1.088300e-04	-1.221525e-04
## SPNCRNA.707	-1.262097e-04	1.215113e-04	-1.221586e-04	3.009598e-05
## SPAC23C4.02	3.465679e-03	1.953943e-03	-3.804748e-03	4.619733e-03
## SPAC23C4.04c	1.157080e-04	1.043871e-04	-6.336403e-05	1.815165e-05
## SPAC23C4.07	-7.065925e-05	3.884158e-04	-8.074806e-05	-1.299108e-04
## SPAC23C4.08	1.886403e-03	3.540868e-03	-2.865977e-03	2.130106e-03
## SPNCRNA.708	-6.314069e-05	1.032541e-04	-3.033845e-05	2.100045e-04
## SPAC23C4.12	4.043501e-04	-3.972164e-04	2.799533e-05	2.436713e-04
## SPAC23C4.16c	1.645527e-04	6.250004e-04	-1.675720e-03	-1.065623e-03
## SPNCRNA.709	-2.376769e-04	2.772856e-04	-3.909013e-05	4.668064e-04
## SPNCRNA.166	5.343527e-05	-4.506705e-05	-1.767690e-05	8.717295e-05
## SPAC23C4.19	3.568287e-04	-3.491124e-03	-6.610949e-03	2.693142e-03
## SPAC1A6.11	1.367386e-05	5.658246e-05	-6.892459e-06	2.572839e-05
## SPAC1A6.05c	-1.097330e-03	-1.160044e-03	4.311340e-04	8.199558e-04
## SPAC1A6.07	1.978240e-03	-2.127991e-03	2.332537e-03	-9.255911e-04
## SPAC1A6.09c	-1.149698e-03	5.059563e-03	-8.051790e-03	-9.845377e-04
## SPAC1A6.10	-1.223483e-03	1.001002e-04	-3.203505e-03	-1.687430e-04
## SPAC30D11.13	3.403695e-04	-3.001754e-04	-8.918205e-04	-9.679698e-05
## SPAC30D11.12	6.757089e-03	1.038460e-02	7.186860e-03	6.169693e-03
## SPAC30D11.11	-2.243474e-04	-2.152727e-03	-1.992474e-03	-3.974399e-04
## SPAC30D11.10	4.457341e-04	-1.064849e-03	-9.330748e-04	1.281887e-03

## SPNCRNA.712	-6.496500e-05	2.884443e-05	1.388673e-04	1.520369e-04
## SPAC30D11.09	7.968798e-05	-5.569706e-04	-1.541748e-03	4.009625e-04
## SPAC30D11.08c	7.202294e-04	-5.291413e-04	5.233141e-04	2.973339e-04
## SPAC30D11.04c	2.481549e-03	-1.906230e-03	-1.247994e-03	2.872433e-03
## SPAC30D11.03	5.018070e-04	-1.629696e-03	1.771105e-03	2.286538e-03
## SPAC30D11.01c	1.805262e-03	-2.618345e-04	3.744773e-06	5.184364e-04
## SPNCRNA.713	-4.753306e-06	1.575794e-04	-2.246735e-04	-6.928255e-07
## SPNCRNA.714	-3.573874e-06	4.730467e-05	-3.097908e-05	2.001717e-05
## SPAC56F8.03	6.703089e-03	-3.971640e-03	1.910487e-03	-2.851736e-03
## SPAC56F8.05c	-8.066143e-04	1.918190e-03	3.509776e-03	-2.200709e-03
## SPNCRNA.715	-6.844956e-06	-1.480313e-05	-2.042263e-05	-3.323187e-05
## SPAC56F8.07	1.760089e-04	3.196727e-04	-7.827012e-04	5.988747e-05
## SPAC56F8.08	-1.288374e-03	1.719967e-03	-1.020489e-03	-2.570928e-04
## SPAC56F8.10	-1.684385e-03	-3.398334e-03	1.739085e-03	5.591689e-03
## SPAC56F8.11	-9.871355e-04	1.770632e-03	-4.394761e-03	4.510096e-04
## SPAC56F8.14c	8.567433e-04	-7.870125e-04	5.234889e-05	-7.760446e-04
## SPAC56F8.13	1.296794e-04	-7.323582e-05	4.601065e-05	1.859090e-04
## SPAC56F8.15	1.188338e-04	-2.028945e-04	1.661790e-04	3.984249e-05
## SPAC22A12.01c	8.792718e-04	-3.607157e-04	-2.574829e-03	9.074273e-04
## SPAC22A12.03c	-8.250282e-05	1.937964e-04	-8.210165e-04	-6.382904e-04
## SPAC22A12.05	3.341588e-04	4.373297e-04	7.007205e-04	1.920659e-03
## SPAC22A12.06c	-7.803676e-04	2.445542e-04	-6.561118e-04	-7.173920e-05
## SPNCRNA.718	2.216167e-04	1.059566e-04	9.447536e-06	-2.115041e-05
## SPAC22A12.13	1.800608e-04	1.629265e-05	-3.514903e-04	-1.606324e-04
## SPAC22A12.15c	-9.358083e-02	-3.193523e-02	-6.835929e-02	-1.496289e-02
## SPAC22A12.16	-5.360664e-03	1.085888e-02	-5.743949e-04	3.171671e-03
## SPAC4C5.01	-1.431592e-03	1.768775e-03	-7.592377e-04	-1.233328e-03
## SPATRNAALA.02	-1.240202e-04	8.510894e-05	1.103838e-03	-5.531128e-04
## SPNCRNA.722	-8.339580e-06	2.086352e-04	3.146966e-04	4.059168e-04
## SPAC4C5.04	4.879954e-04	-3.405740e-04	-4.227933e-05	5.447632e-04
## SPNCRNA.723	1.971542e-04	4.520651e-05	5.261619e-05	1.694040e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-1.680578e-02	-1.471016e-02	4.619779e-02	1.327137e-02
## SPAC10F6.04	-1.354022e-04	9.357360e-04	-2.170558e-03	1.501803e-03
## SPAC10F6.06	-1.932349e-03	-4.870902e-03	-1.684048e-02	-7.033244e-03
## SPAC10F6.07c	-2.006160e-04	1.809660e-05	-1.487744e-04	-1.755991e-05
## SPNCRNA.554	3.487609e-05	8.166136e-05	-2.252058e-04	8.965581e-05
## SPAC10F6.08c	5.557064e-05	2.806035e-04	-2.792605e-04	1.461624e-04
## SPAC10F6.09c	1.426466e-03	1.497362e-03	-2.715270e-03	8.028539e-04
## SPAC10F6.11c	4.039850e-06	9.606162e-04	-1.235392e-03	-3.154973e-04
## SPAC10F6.12c	5.847286e-04	1.147358e-03	-2.271351e-03	8.878630e-04
## SPAC10F6.13c	-2.163469e-03	-4.629679e-04	-7.322753e-03	-2.363241e-03
## SPAC10F6.14c	-8.665267e-04	-1.496079e-05	-1.750074e-03	5.001152e-04
## SPNCRNA.82	1.773320e-05	2.491409e-05	1.276220e-05	9.271178e-06
## SPNCRNA.727	1.358004e-05	3.773789e-04	1.999685e-04	-7.173046e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-1.872929e-04	6.081402e-04	-9.883851e-05	-2.363831e-04
## SPNCRNA.729	-3.797791e-05	-4.324149e-06	9.252850e-06	-3.152879e-05
## SPAC10F6.16	4.549220e-03	3.056796e-03	-1.035108e-03	-2.021984e-03
## SPAC56E4.02c	7.367208e-04	-2.247096e-04	-3.495486e-04	1.361904e-05
## SPAC56E4.04c	-2.020560e-02	-6.197392e-02	-8.846768e-03	-7.419289e-03
## SPAC56E4.05	3.140434e-04	-3.168786e-04	-5.267130e-04	5.572267e-04
## SPAC56E4.06c	7.787942e-04	1.097672e-03	-1.990446e-03	2.073265e-03
## SPAC1420.01c	7.921282e-04	-1.821663e-03	-2.744946e-03	8.735842e-04

## SPAPB17E12.04c	3.094352e-04	6.635244e-04	-6.946894e-04	4.843979e-04
## SPAPB17E12.06	-1.140162e-04	2.047304e-04	-1.410010e-04	6.138888e-04
## SPAPB17E12.07c	-5.660099e-04	-1.547593e-04	-1.066742e-03	-2.087822e-05
## SPAPB17E12.08	8.229795e-05	3.651356e-04	-2.740217e-04	2.377766e-04
## SPAPB17E12.10c	9.223576e-05	2.970551e-04	-4.034650e-04	7.811904e-04
## SPAPB17E12.09	-1.760794e-06	-1.148449e-06	-1.332885e-05	-5.475675e-05
## SPAPB17E12.12c	1.942903e-04	-3.092347e-04	3.962835e-04	5.764693e-04
## SPAPB17E12.14c	2.951758e-03	-2.791233e-03	2.398985e-03	2.540409e-03
## SPAPB17E12.13	1.889649e-02	-5.783519e-03	1.064360e-02	-4.208110e-03
## SPAC1565.01	4.189423e-03	5.731052e-03	-4.062229e-03	-1.673289e-03
## SPAC1565.02c	7.989419e-05	-6.069206e-04	-7.510581e-04	9.701813e-04
## SPAC1565.04c	-5.184436e-04	4.511738e-04	-7.908377e-04	-4.535784e-04
## SPNCRNA.169	-6.797928e-06	-1.677986e-05	-8.629902e-06	1.988669e-05
## SPAC1565.08	8.993784e-04	-2.841725e-02	-1.641255e-02	2.850839e-02
## SPAC6F12.02	2.480113e-03	-6.446760e-04	2.488893e-05	7.312109e-04
## SPAC6F12.03c	2.509089e-04	8.182838e-04	-2.530867e-04	-1.310933e-03
## SPAC6F12.04	2.831622e-04	1.458749e-03	-3.185454e-03	-2.222372e-03
## SPAC6F12.05c	-1.311037e-03	1.505281e-03	-3.507664e-03	-1.731956e-03
## SPAC6F12.10c	-8.374487e-03	5.445610e-04	1.148270e-03	-1.655085e-02
## SPNCRNA.734	-1.002818e-05	2.696065e-06	-1.036347e-05	4.130548e-05
## SPAC6F12.11c	5.237073e-04	-1.761431e-04	-1.503320e-03	1.205662e-03
## SPAC6F12.14	-3.031766e-04	2.739062e-04	-9.551076e-04	2.156800e-04
## SPNCRNA.735	-1.911228e-04	-2.480674e-04	-5.654334e-05	-1.589062e-04
## SPAC6F12.16c	-9.341219e-04	1.044989e-04	1.170587e-03	-2.016538e-03
## SPAC6F12.17	7.636119e-04	6.341950e-04	-1.760084e-03	-5.519669e-04
## SPNCRNA.736	3.213755e-04	-2.917163e-04	3.758351e-05	-3.682411e-04
## SPNCRNA.737	-3.896064e-05	6.153811e-05	-5.950067e-05	-1.360377e-04
## SPAC57A10.02	1.225192e-03	-5.718599e-04	-1.154304e-03	1.378881e-03
## SPNCRNA.739	-2.004666e-05	-6.656275e-05	-2.041487e-04	-7.533699e-05
## SPAC57A10.04	4.243603e-05	1.570153e-04	-1.588230e-04	-2.726167e-05
## SPAC57A10.14	5.698363e-05	-4.983968e-05	-3.955514e-04	-2.595902e-05
## SPAC57A10.10c	4.201031e-03	9.634219e-04	3.816330e-03	-3.094622e-03
## SPAC57A10.11c	-2.400984e-04	8.330618e-04	-7.773321e-04	-5.483933e-04
## SPAC20G8.01	2.016664e-04	-5.512387e-04	-1.613028e-03	3.622181e-04
## SPAC20G8.02	1.123360e-03	1.317260e-03	-2.707319e-03	6.703256e-04
## SPNCRNA.58	-5.918483e-04	-1.732235e-04	-4.343542e-04	-4.821523e-04
## SPAC20G8.03	-2.731206e-03	-5.931300e-03	-6.740481e-03	4.096025e-04
## SPNCRNA.740	-1.555151e-04	-1.624121e-05	7.823835e-06	-6.299804e-05
## SPAC20G8.07c	3.814993e-04	2.702658e-04	-9.926662e-05	4.489588e-04
## SPATRNCYS.01	2.860757e-04	9.675557e-04	3.386783e-03	-4.907369e-03
## SPAC3A12.02	3.625469e-04	5.460714e-04	-9.334451e-04	9.836400e-04
## SPAC3A12.03c	-1.403543e-03	-6.833039e-04	-9.672105e-04	5.110207e-04
## SPAC3A12.05c	8.582797e-04	-2.795115e-03	-9.180501e-04	4.287617e-04
## SPAC3A12.06c	1.900541e-03	-9.452448e-04	1.439318e-03	1.454509e-03
## SPAC3A12.08	2.252980e-04	-4.314863e-04	-3.014935e-04	4.365899e-04
## SPAC3A12.09c	-5.831757e-04	2.832575e-04	-1.133041e-03	-1.528788e-04
## SPAC3A12.10	-2.541734e-04	7.918204e-03	7.770579e-03	2.168134e-03
## SPAC3A12.12	-2.117687e-04	-4.789615e-04	5.545052e-05	-1.365797e-03
## SPAC3A12.13c	2.239485e-03	3.649983e-03	-1.857467e-03	-8.142049e-04
## SPATRNCYS.03	-3.830013e-03	9.404835e-04	4.018383e-03	-9.970165e-03
## SPAC3A12.16c	-7.226915e-04	2.419166e-03	-3.809151e-03	1.080599e-03
## SPAC3A12.17c	7.256023e-05	5.755614e-05	-8.018503e-04	-8.240659e-04
## SPAC9.02c	4.042752e-04	-9.706157e-04	-1.160251e-04	-7.227460e-04
## SPAC9.04	-2.668166e-07	-9.637497e-07	-1.752245e-06	1.184056e-05

## SPAC9.07c	-1.535144e-03	2.443208e-03	-6.375625e-03	4.086043e-03
## SPNCRNA.742	-3.034225e-04	-2.491778e-05	1.184235e-04	-5.696897e-04
## SPATRNAMET.02	-7.011260e-03	1.583543e-02	3.507081e-02	4.386601e-04
## SPAC9.11	4.158317e-04	-3.001747e-04	-1.844374e-04	3.533298e-05
## SPAC9.12c	9.585478e-04	-2.556452e-04	-7.271446e-04	-6.420048e-04
## SPAC9.13c	5.134168e-04	1.238698e-04	2.655158e-04	-7.252016e-04
## SPAC5D6.13	9.843263e-04	-6.031251e-05	-5.442682e-03	-8.041216e-06
## SPAC5D6.08c	2.700842e-04	-2.585124e-04	1.474302e-04	-6.280338e-04
## SPAC5D6.06c	-1.148791e-04	2.037159e-04	-1.501971e-04	-6.019983e-05
## SPAC5D6.05	-1.906293e-04	-4.539276e-04	-4.054359e-04	5.910479e-04
## SPAC5D6.01	5.450744e-03	4.924568e-03	-5.919537e-03	2.923198e-03
## SPNCRNA.173	1.038761e-04	-1.069596e-04	-4.316297e-05	2.996181e-05
## SPAC57A7.13	4.431212e-04	-5.533921e-04	-2.646988e-04	5.882947e-04
## SPAC57A7.12	-3.682282e-03	1.874373e-02	-5.231482e-03	1.778655e-02
## SPAC57A7.11	2.710813e-03	-2.296180e-03	-1.163086e-03	2.121082e-03
## SPAC57A7.09	7.727856e-04	-4.578383e-04	-3.111412e-04	7.030760e-04
## SPATRNALEU.01	-4.961466e-03	5.345879e-03	1.603936e-03	5.461683e-04
## SPAC57A7.07c	-4.883626e-04	1.508256e-04	-1.477803e-03	1.736478e-04
## SPNCRNA.744	2.843588e-05	6.611077e-05	-1.823297e-05	-2.873951e-05
## SPAC57A7.05	1.594932e-03	-2.230715e-03	5.685533e-03	1.903632e-03
## SPAC57A7.15c	2.379435e-05	-4.675863e-05	-3.188246e-04	-4.662720e-05
## SPAC167.06c	4.172551e-04	4.990163e-04	-8.206873e-04	1.299532e-03
## SPAC167.02	-5.112072e-05	-1.555969e-04	-1.213121e-03	8.830056e-04
## SPAC167.03c	7.334028e-04	-1.369296e-03	-2.931067e-04	1.363030e-03
## SPAC167.01	4.225172e-04	-4.121442e-04	-1.530690e-03	6.495630e-04
## SPNCRNA.555	-1.182448e-05	2.712517e-05	-1.967727e-09	-7.955756e-05
## SPRRNA.53	1.305826e-01	2.266771e-01	3.764502e-01	-1.784039e-01
## SPAC1705.02	-3.452758e-04	-3.383647e-06	-3.984735e-04	5.380023e-04
## SPNCRNA.175	-3.386023e-05	2.790774e-05	-1.359339e-05	-1.184633e-05
## SPAC23H4.18c	-1.060380e-03	1.493467e-03	-8.627256e-04	1.040440e-03
## SPAC23H4.14	4.843304e-04	-7.243611e-04	1.266893e-04	6.854399e-04
## SPAC23H4.11c	3.268194e-04	-3.081496e-04	-1.517073e-04	-1.994678e-04
## SPAC23H4.10c	-2.549394e-03	5.841556e-04	-2.957824e-03	1.345885e-05
## SPAC23H4.09	3.731108e-03	1.770815e-02	2.676629e-03	1.135348e-02
## SPAC23H4.06	-1.504435e-03	-1.144338e-02	-1.860240e-02	8.669759e-03
## SPAC23H4.03c	1.069525e-03	2.091143e-03	-2.879224e-03	-3.814284e-04
## SPAC23H4.02	-8.647002e-05	8.355619e-05	-3.108277e-04	-1.815667e-03
## SPAC23H4.01c	7.008941e-04	1.380861e-03	-4.364835e-04	-4.919210e-03
## SPAP27G11.02	-3.430332e-05	-9.542153e-04	-9.698875e-04	6.515692e-04
## SPNCRNA.748	-6.890254e-05	-2.477184e-06	-6.575670e-05	-2.876922e-05
## SPAP27G11.04c	-1.637823e-04	-1.875775e-04	2.886448e-05	1.538646e-03
## SPAP27G11.06c	2.669126e-04	7.548901e-04	-9.035617e-04	3.332584e-04
## SPAP27G11.07c	-2.267361e-04	2.247698e-04	-3.798393e-04	-3.418896e-04
## SPAP27G11.08c	2.955549e-05	1.005209e-04	-1.332570e-04	1.982093e-04
## SPAP27G11.10c	-1.803704e-03	2.726455e-04	-6.016061e-03	2.320375e-03
## SPAP27G11.11c	3.958895e-06	-3.626321e-05	8.564464e-05	3.411253e-06
## SPNCRNA.750	-9.124063e-05	-1.889851e-04	-6.241878e-05	4.697387e-05
## SPAP27G11.16	2.311179e-04	-1.398911e-04	-1.748010e-04	-3.796613e-05
## SPAP27G11.12	3.711764e-03	-1.751132e-03	-2.313954e-03	1.535858e-03
## SPAP27G11.13c	2.631349e-03	1.699586e-03	2.622459e-03	3.654038e-03
## SPAC343.02	3.387079e-04	-1.612827e-04	-1.967640e-04	8.038418e-04
## SPATRNAGLY.01	9.785971e-04	6.560248e-03	6.647441e-03	-5.997697e-03
## SPNCRNA.751	-4.143714e-05	8.589993e-05	4.724639e-05	-7.709468e-05
## SPAC343.06c	9.731403e-04	-1.148429e-03	-5.435445e-04	1.323468e-04

## SPAC343.09	-3.276894e-03	-5.007139e-03	-3.366769e-03	1.248356e-04
## SPNCRNA.753	8.500424e-06	-3.325454e-05	3.377851e-05	-1.015956e-05
## SPAC343.21	-4.890589e-05	-7.988349e-05	3.153923e-04	-1.586349e-04
## SPAC343.12	1.031375e-02	-8.558725e-03	3.044668e-02	-1.005767e-02
## SPAC343.13	-3.224321e-04	-4.768195e-04	1.719707e-04	1.021793e-04
## SPAC343.14c	1.810478e-04	-1.157878e-03	5.108033e-04	-9.114274e-04
## SPAC343.16	-4.506490e-03	1.669968e-03	7.221287e-03	3.460356e-03
## SPAC343.18	4.297278e-05	5.270752e-04	-7.736187e-04	-1.764790e-04
## SPAC343.19	1.390032e-03	7.836148e-04	-2.555290e-03	1.118524e-03
## SPAC824.02	1.229164e-04	-1.958580e-03	-5.895097e-03	3.109598e-03
## SPAC824.03c	-3.539721e-04	-3.775801e-04	1.122242e-04	1.404744e-03
## SPNCRNA.755	1.306894e-05	-1.853531e-04	8.041413e-05	-8.996237e-07
## SPAC824.06	4.488061e-04	1.111424e-03	-2.653584e-03	1.181875e-03
## SPAC824.09c	8.004863e-04	-6.160639e-04	-8.533725e-04	1.825375e-03
## SPNCRNA.177	4.124598e-05	-1.236535e-05	6.184955e-05	-2.139076e-05
## SPAC664.01c	7.446580e-04	5.599663e-04	-1.007146e-03	-1.199282e-03
## SPAC664.02c	1.731487e-04	6.736344e-04	-1.663225e-03	1.874904e-03
## SPAC664.05	3.363664e-02	-3.597979e-02	2.508596e-02	9.950595e-03
## SPNCRNA.756	1.076685e-04	3.493335e-04	-1.184150e-04	-2.025981e-04
## SPAC664.06	3.293623e-03	-1.016804e-03	8.667476e-04	6.174364e-03
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	6.970697e-07	-6.497458e-05	-4.098300e-05	1.492168e-04
## SPAC664.13	1.076784e-04	1.072650e-04	-1.708710e-04	-2.490999e-04
## SPATRNLALYS.02	-2.827138e-04	-1.077232e-04	3.851190e-04	7.308597e-04
## SPAC664.15	1.615246e-03	-1.412622e-03	9.255360e-04	1.289141e-03
## SPAC105.02c	-3.410739e-04	-3.138208e-04	-2.460402e-03	3.268085e-03
## SPATRNLATYR.01	1.230443e-03	4.727316e-03	1.001516e-02	-8.896967e-03
## SPAC105.03c	-4.065626e-04	7.589529e-04	-4.643326e-03	-3.176756e-04
## SPAC17A5.01	5.380820e-04	-6.166999e-04	-1.339215e-03	1.337624e-03
## SPNCRNA.759	-1.014925e-05	1.206727e-05	-1.060612e-04	-2.400668e-04
## SPNCRNA.556	3.375832e-05	-1.638997e-04	3.662068e-05	1.877473e-04
## SPAC17A5.05c	3.908808e-04	3.174472e-04	-1.423400e-03	7.400620e-04
## SPAC17A5.07c	7.228715e-04	-2.011408e-04	-4.242247e-04	9.167714e-04
## SPAC17A5.09c	-6.510965e-05	1.602165e-04	-8.871716e-04	-2.508460e-04
## SPATRNLALYS.01	-1.228963e-03	-9.825432e-04	1.638027e-03	5.729466e-04
## SPNCRNA.760	-9.594071e-05	4.356872e-05	-9.358128e-05	-2.063591e-04
## SPNCRNA.761	-3.276828e-05	-3.961955e-05	-1.412980e-04	-6.505263e-04
## SPAC17A5.13	-7.908997e-04	-8.391341e-04	-1.082712e-03	1.358440e-03
## SPAC17A5.15c	7.086412e-03	-3.197289e-03	2.780784e-04	4.360310e-03
## SPNCRNA.762	-6.368625e-04	-2.848820e-05	-1.642649e-03	-1.724429e-04
## SPAC1002.01	-3.663705e-05	-2.222041e-04	-7.947349e-05	8.648743e-05
## SPAC1002.06c	3.944138e-05	6.988525e-05	-2.812755e-05	-3.231226e-05
## SPAC1002.07c	-1.060047e-03	-1.364295e-04	-2.081401e-04	-2.959030e-04
## SPAC1002.08c	1.857196e-04	-7.438495e-05	6.393283e-05	-2.171397e-04
## SPNCRNA.763	-1.381618e-04	-4.913957e-05	-1.135176e-04	-4.071608e-05
## SPAC1002.10c	-3.123343e-04	-2.433505e-04	-1.009650e-03	6.988937e-05
## SPAC1002.11	1.315569e-03	-4.331639e-04	-6.323988e-04	4.552064e-04
## SPAC1002.13c	1.645325e-02	-1.854016e-02	-2.430860e-02	3.281153e-02
## SPAC1002.15c	-1.566790e-05	-1.651313e-05	-1.220133e-03	5.773650e-04
## SPAC1002.14	-4.418678e-04	-2.282249e-03	1.289669e-03	1.558541e-03
## SPAC1002.16c	9.895570e-05	2.877838e-05	1.526000e-04	-7.339344e-05
## SPAC1002.17c	-9.094146e-03	-1.640010e-02	-1.202289e-03	5.878767e-03
## SPAC1002.18	-9.060492e-03	-1.288752e-02	-3.600016e-03	3.586812e-03
## SPAC1399.05c	1.529976e-05	4.791752e-05	-1.998486e-03	7.098361e-04

## SPNCRNA.764	7.595828e-05	-1.212303e-04	8.517369e-06	-7.903288e-05
## SPNCRNA.178	-7.174798e-05	1.472734e-04	-9.616755e-05	-2.799869e-05
## SPAC1399.02	-3.486754e-04	6.912131e-05	-1.384774e-03	-1.366812e-04
## SPAC1399.06	6.421470e-05	-1.427817e-06	9.912818e-05	3.316698e-05
## SPAP11E10.01	-3.897636e-04	-1.145752e-03	-7.728908e-04	-1.283088e-03
## SPAPB1A10.03	-1.147253e-04	-5.070299e-04	6.512637e-05	-3.186453e-06
## SPAPB1A10.16	3.317241e-04	-3.969959e-04	1.048256e-06	4.389215e-04
## SPAPB1A10.04c	4.522306e-04	-2.466273e-04	-5.835393e-04	3.550120e-04
## SPNCRNA.765	-1.142894e-05	-2.569971e-04	1.333403e-05	-3.136298e-04
## SPAPB1A10.05	-1.891028e-04	-1.247409e-03	1.657785e-05	-1.059300e-04
## SPNCRNA.766	9.127471e-06	-4.688943e-05	5.168313e-05	-1.200169e-04
## SPAPB1A10.09	1.398900e-03	-1.804362e-03	-1.907006e-04	2.420377e-05
## SPAPB1A10.13	4.832026e-04	-5.218556e-04	-7.573404e-04	-1.081147e-03
## SPAPB1A10.14	5.641512e-04	-1.787450e-04	-6.410738e-05	6.072499e-04
## SPAPB1A10.15	-8.120118e-05	-1.062639e-04	2.212574e-06	2.134871e-04
## SPAC140.01	3.936012e-03	1.698502e-03	-1.868842e-03	9.204889e-03
## SPAC140.03	-8.805151e-04	-4.817896e-04	-1.015516e-03	-7.371992e-04
## SPNCRNA.182	7.765176e-07	-3.436866e-06	4.110774e-06	-5.563355e-06
## SPNCRNA.772	1.692534e-04	-1.440554e-04	-3.385965e-05	2.353043e-04
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	4.030220e-06	2.204536e-05	1.919454e-04	-3.503359e-04
## SPAC110.01	2.582325e-03	-1.246384e-04	-1.602632e-03	6.621891e-04
## SPAC110.03	2.717143e-03	3.779410e-03	-3.163092e-03	3.174418e-03
## SPNCRNA.774	-2.187949e-04	-2.680024e-04	1.609226e-04	-4.113504e-05
## SPAC3H1.01c	-5.643267e-04	1.164517e-03	-2.791424e-03	1.095317e-03
## SPAC3H1.02c	7.890953e-04	-2.118432e-03	-5.968701e-04	2.446755e-03
## SPAC3H1.04c	6.339849e-05	1.520851e-03	-2.786897e-03	-2.848845e-04
## SPAC3H1.05	2.021425e-03	1.018819e-03	3.727502e-04	1.558082e-03
## SPAC3H1.06c	3.123743e-03	-1.167881e-03	-2.399269e-03	2.264185e-03
## SPAC3H1.07	2.782069e-02	-3.002035e-02	5.631591e-04	-3.407621e-03
## SPAC3H1.09c	7.308921e-04	3.863330e-04	-2.726893e-03	1.719685e-03
## SPNCRNA.777	3.295570e-04	7.402797e-06	-2.664428e-04	2.839001e-04
## SPNCRNA.781	1.630943e-04	1.823757e-04	9.743438e-05	-3.009892e-04
## SPNCRNA.783	-1.902929e-04	2.521522e-04	1.646233e-04	-5.669067e-04
## SPNCRNA.784	-2.621176e-05	6.318673e-05	5.378504e-05	-1.037938e-04
## SPAC3H1.12c	3.003645e-04	-1.080377e-03	-2.030625e-04	1.259060e-03
## SPAC3H1.13	5.061193e-04	4.909516e-08	-6.529963e-04	9.788336e-05
## SPNCRNA.530	-3.577755e-04	-6.757283e-03	2.251074e-03	-3.931027e-03
## SPAC9G1.14	-7.672267e-05	-9.045980e-05	5.213703e-05	-2.391766e-05
## SPAC9G1.02	-3.007919e-04	-3.657280e-03	-4.884770e-03	8.710313e-04
## SPAC9G1.03c	1.179754e-02	1.709808e-02	1.142245e-02	2.218404e-02
## SPAC9G1.04	8.292798e-04	-1.426181e-04	1.476695e-05	-1.210463e-03
## SPAC9G1.08c	-7.467573e-04	-4.991446e-04	-9.481353e-04	5.751112e-04
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	-4.259158e-04	-2.788208e-04	-7.628761e-04	-7.673801e-05
## SPAC9G1.10c	7.827423e-04	-1.071894e-03	-3.821130e-04	1.662722e-03
## SPAC9G1.13c	5.577272e-04	-8.573220e-04	-4.688948e-04	-8.128430e-05
## SPNCRNA.785	-5.042778e-04	-1.922400e-04	1.220565e-05	1.601257e-04
## SPAC17H9.02	8.824881e-04	-1.027489e-03	3.469477e-04	-1.297786e-03
## SPAC17H9.03c	-2.627291e-04	4.492233e-04	-8.559151e-04	8.861116e-04
## SPAC17H9.04c	5.858879e-04	-1.006233e-03	-1.795657e-03	6.864036e-03
## SPNCRNA.787	-1.057080e-05	-2.260438e-05	2.171079e-05	1.884029e-06
## SPAC17H9.09c	1.568359e-04	8.559844e-04	-4.540573e-04	6.415589e-04
## SPAC17H9.10c	-3.057380e-04	2.313520e-03	-4.080119e-03	2.001152e-03

## SPAC17H9.12c	1.099948e-03	-1.341817e-03	1.325933e-03	-1.540325e-05
## SPAC17H9.13c	-1.991490e-03	1.833371e-03	-2.673952e-03	-2.424428e-03
## SPAC17H9.14c	1.666739e-03	5.774098e-03	-8.311606e-03	1.117456e-02
## SPNCRNA.184	-2.037768e-05	-2.546364e-05	7.860350e-06	-4.339085e-05
## SPAC17H9.16	1.997100e-03	2.478875e-03	-2.133313e-04	4.862179e-03
## SPAC17H9.17c	3.503974e-04	-5.386334e-05	-8.322942e-04	8.800718e-04
## SPAC17H9.20	5.883742e-04	1.713100e-04	-2.076350e-03	2.049412e-03
## SPAC607.03c	6.761628e-04	1.508707e-02	-4.837025e-03	7.463272e-03
## SPNCRNA.185	-3.975538e-06	1.265498e-05	1.836300e-05	-5.969270e-06
## SPAC607.04	-3.477424e-04	-3.151107e-04	-2.057663e-03	1.240874e-03
## SPAC607.05	7.941869e-05	2.824412e-04	-3.281409e-03	2.934993e-03
## SPAC607.06c	4.495450e-05	-7.565597e-04	2.225577e-04	-9.081049e-04
## SPAC607.09c	8.327894e-04	6.348701e-04	-2.788113e-04	1.020683e-04
## SPAC732.01	-7.380864e-04	-1.119368e-05	-1.507942e-03	1.194994e-03
## SPAC732.02c	4.079142e-04	1.796371e-03	-2.456049e-03	-8.786768e-04
## SPAC3C7.02c	4.392916e-04	-8.096429e-04	-4.140080e-04	4.075995e-04
## SPNCRNA.791	5.815751e-05	1.542858e-04	-2.767407e-04	7.164199e-05
## SPAC3C7.08c	-2.339741e-03	1.179158e-03	7.242994e-04	4.690441e-03
## SPAC3C7.09	5.728266e-05	-3.979816e-04	1.486241e-04	-2.047323e-04
## SPNCRNA.793	3.221511e-04	-1.121712e-04	4.990881e-04	-1.522215e-04
## SPNCRNA.794	-4.180857e-04	1.124515e-04	-1.811741e-04	-3.120963e-04
## SPAC25A8.03c	3.974602e-04	-1.196197e-03	-7.175880e-04	1.229425e-03
## SPAC25A8.02	9.139211e-04	-4.969215e-04	3.539030e-04	-4.370075e-04
## SPAC631.02	5.073559e-03	-6.854539e-03	9.133699e-03	2.342487e-03
## SPAC20H4.02	-6.230167e-04	1.636125e-03	-1.773454e-03	5.554075e-04
## SPAC20H4.03c	6.368051e-04	9.651791e-04	-1.485830e-03	1.857754e-03
## SPAC20H4.04	1.279840e-04	-4.171792e-04	-6.347557e-04	-1.924616e-04
## SPAC20H4.08	-1.807221e-04	4.964738e-04	1.081622e-04	-5.452355e-04
## SPAC20H4.09	5.272956e-04	6.808900e-04	-8.542762e-04	7.061415e-05
## SPNCRNA.797	1.527387e-04	1.294140e-04	-3.962611e-04	3.524539e-05
## SPAC20H4.10	1.026306e-03	-2.989579e-03	-5.258652e-04	2.677695e-04
## SPAC23C11.01	1.101948e-03	2.080103e-04	-2.091799e-03	7.931607e-04
## SPAC23C11.03	4.362258e-04	-1.687786e-03	-1.239891e-03	-3.362963e-04
## SPAC23C11.04c	1.298786e-04	-4.027734e-04	2.626650e-05	-4.923847e-04
## SPAC23C11.05	1.968771e-02	-2.075024e-02	-2.491277e-03	3.002362e-02
## SPAC23C11.08	2.175539e-04	3.033022e-04	2.604582e-04	-4.491318e-04
## SPNCRNA.799	1.047791e-04	-7.917132e-05	-1.401624e-05	-6.637043e-06
## SPAC23C11.09	-5.915860e-03	2.522716e-03	-8.836092e-03	1.398616e-02
## SPAC23C11.10	-1.122266e-04	-3.347528e-05	1.802967e-04	-4.333091e-04
## SPAC23C11.11	2.770645e-03	-1.322393e-03	-1.248872e-03	1.796298e-03
## SPNCRNA.800	-1.014022e-04	-6.637540e-04	4.221690e-04	4.364226e-04
## SPAC23C11.14	3.271607e-03	2.360830e-03	-4.103899e-03	1.062574e-03
## SPAC23C11.15	8.041578e-05	-4.822027e-04	2.268816e-05	-1.736452e-04
## SPAC23C11.17	1.865321e-03	1.848983e-03	-4.924102e-03	-1.031457e-03
## SPAC13F5.01c	1.105402e-03	-6.540984e-04	3.477538e-05	7.366176e-04
## SPAC13F5.02c	-6.120560e-04	4.354887e-04	-9.470156e-04	-5.590471e-04
## SPNCRNA.801	1.215512e-05	1.054328e-04	-3.162258e-04	-1.990768e-04
## SPAC13F5.06c	1.090469e-03	2.545512e-03	-2.289379e-03	2.232634e-03
## SPNCRNA.802	3.695394e-05	1.242274e-04	-5.134844e-05	-3.595130e-04
## SPAC13F5.07c	1.062498e-04	1.804414e-04	-3.111929e-04	5.594242e-06
## SPAC1783.02c	-1.339798e-04	4.387162e-04	-7.714303e-04	-1.125498e-03
## SPAC1783.04c	7.368043e-04	-1.111948e-03	2.272922e-05	-1.118500e-04
## SPNCRNA.803	1.312369e-05	2.083556e-05	-2.242354e-04	2.376412e-04
## SPAC1783.06c	-7.248944e-05	1.669580e-04	-1.402265e-04	4.003801e-05

## SPNCRNA.804	-1.244499e-04	1.208924e-04	-8.954118e-05	7.568639e-06
## SPAC1783.07c	-3.402198e-04	-2.230448e-03	-1.340112e-03	-8.184650e-04
## SPAC1783.08c	1.064028e-02	9.516485e-03	1.173619e-02	-5.951275e-03
## SPAC1327.01c	1.784479e-03	6.082429e-05	-2.073774e-03	6.122472e-05
## SPAC18G6.01c	-1.112661e-03	-7.962333e-04	-1.395119e-03	2.451545e-04
## SPAC18G6.02c	-3.167384e-04	-4.241744e-04	-1.236270e-03	3.757266e-04
## SPATRNAVAL.03	8.738539e-04	8.281925e-03	9.787928e-03	-8.882600e-03
## SPAC18G6.04c	-8.030688e-04	6.011198e-04	-2.152862e-04	-3.494237e-03
## SPAC18G6.05c	5.226253e-03	-6.690048e-03	2.881657e-03	-2.764579e-03
## SPAC18G6.06	4.998605e-04	-7.827886e-04	-1.762367e-04	1.230221e-03
## SPAC18G6.07c	2.547468e-03	2.431440e-04	-1.028806e-03	5.031251e-03
## SPAC18G6.09c	1.202474e-03	-2.992968e-03	3.000775e-03	1.130767e-03
## SPAC18G6.10	5.220128e-04	-6.813203e-04	-3.921386e-04	7.588483e-06
## SPAC18G6.11c	-2.289892e-04	-5.752296e-04	-8.029224e-04	8.533687e-03
## SPAC18G6.12c	6.887947e-04	2.523700e-04	-6.181685e-04	-2.115260e-04
## SPNCRNA.806	-1.072838e-04	-5.872042e-05	-5.093882e-05	-3.654029e-05
## SPAC18G6.13	7.905637e-05	-3.289680e-04	1.321999e-04	3.140867e-04
## SPAC18G6.14c	4.077030e-02	-1.160730e-02	2.098672e-02	1.646086e-02
## SPAC13D6.02c	3.909064e-03	1.795691e-03	-1.066490e-02	7.862942e-03
## SPNCRNA.189	6.616958e-05	1.605638e-04	4.938134e-05	1.901542e-04
## SPATRNaGLY.02	4.630663e-04	4.511820e-03	3.204319e-03	-3.875348e-03
## SPAC13D6.04c	-4.561744e-05	3.914418e-04	-3.535859e-04	-1.102750e-04
## SPAC13D6.05	1.112873e-04	-4.638056e-04	4.170582e-04	-4.517011e-04
## SPAC4G9.02	-2.767356e-04	6.861462e-04	-5.169285e-04	-1.770017e-04
## SPAC4G9.07	-8.009589e-05	1.883337e-04	-3.779655e-04	2.895908e-04
## SPAC4G9.08c	1.962592e-03	-4.259273e-03	1.477379e-03	2.785290e-03
## SPAC4G9.13c	5.759054e-04	6.121552e-04	-2.411863e-03	1.657125e-03
## SPAC4G9.16c	7.577088e-03	3.377037e-02	1.421959e-02	-2.592489e-03
## SPAC4G9.17c	4.338259e-04	4.069843e-04	-4.749755e-04	3.208910e-04
## SPAC4G9.22	1.279464e-03	-1.550909e-03	2.689786e-03	1.032560e-03
## SPNCRNA.811	3.842415e-05	-4.606672e-05	-4.696433e-05	-7.606037e-05
## SPNCRNA.190	-4.854711e-05	-3.658699e-04	7.274037e-05	1.830489e-04
## SPAC13G7.07	-8.685687e-05	-1.557183e-05	-1.931216e-04	3.786829e-06
## SPAC13G7.08c	-7.940288e-04	2.279143e-03	-8.981498e-04	1.050951e-03
## SPAC13G7.09c	4.414340e-04	4.506917e-04	-2.166476e-04	1.745435e-05
## SPAC13G7.11	3.912708e-04	-1.741779e-04	-4.864756e-05	-7.605050e-04
## SPAC6C3.02c	2.023037e-03	-3.728863e-04	-6.105245e-03	2.060465e-03
## SPAC6C3.04	4.854251e-03	-7.946345e-03	5.349692e-03	3.515870e-03
## SPNCRNA.814	-8.610078e-05	-1.509457e-05	1.322864e-04	-4.907044e-05
## SPAC6C3.06c	-4.108909e-03	1.908862e-03	-6.459146e-03	-1.628105e-03
## SPAC6C3.07	1.535614e-04	9.919334e-05	-6.707516e-05	-2.304537e-06
## SPAC17G8.01c	-5.031124e-04	-3.127077e-05	-1.514822e-03	-3.091718e-04
## SPAC17G8.02	5.004026e-04	4.645198e-04	-1.536155e-03	3.386364e-04
## SPAC17G8.05	8.398416e-05	4.625983e-04	-1.815795e-04	-2.849943e-04
## SPAC17G8.07	-5.589603e-04	7.525172e-04	-6.291650e-04	-7.181747e-04
## SPAC17G8.09	2.197084e-04	-9.330147e-05	-2.254083e-04	-2.129912e-04
## SPAC17G8.10c	7.676752e-04	-5.669249e-04	-9.867491e-05	2.256190e-04
## SPNCRNA.817	4.071059e-06	-2.653405e-05	6.963018e-06	7.020010e-05
## SPAC17G8.12	1.299730e-03	3.666505e-04	-7.762685e-04	1.325393e-03
## SPNCRNA.192	-3.012104e-05	4.378741e-05	9.951626e-05	1.798377e-05
## SPNCRNA.819	-2.362281e-04	5.038654e-05	1.196749e-06	1.818141e-05
## SPAC22H10.03c	1.381404e-03	-2.761331e-03	-4.635830e-04	1.407647e-03
## SPNCRNA.821	-2.435248e-05	2.011734e-05	3.205298e-05	-1.475274e-04
## SPAC22H10.13	1.399908e-03	-7.566301e-05	-3.221669e-03	1.565526e-03

## SPAC22H10.09	-1.291746e-03	-1.175259e-05	-1.483596e-03	-2.360711e-04
## SPAC22H10.10	1.346425e-04	2.366802e-05	-2.545510e-04	-2.864172e-04
## SPAC15F9.02	-2.829649e-04	-1.133105e-03	-2.158425e-03	1.753143e-03
## SPAC15F9.03c	2.888762e-03	2.630331e-03	1.325320e-03	3.251100e-03
## SPAC1B9.02c	-8.404129e-04	1.742635e-03	-1.259803e-03	-1.898069e-03
## SPAC1B9.03c	-2.309254e-04	2.983313e-03	6.255154e-04	1.868998e-04
## SPAC6B12.03c	-1.313229e-05	4.517591e-04	-4.172606e-04	1.763579e-04
## SPAC6B12.18	8.889691e-05	3.129107e-04	1.014769e-03	-1.048930e-04
## SPAC6B12.07c	6.337827e-03	-9.078566e-03	9.437145e-03	7.803934e-03
## SPAC6B12.08	-4.071544e-04	-2.059192e-04	-6.677039e-04	3.464252e-05
## SPAC6B12.13	-6.063167e-05	4.992593e-04	-2.130410e-03	1.412144e-03
## SPNCRNA.195	7.116260e-05	6.412739e-06	-2.133872e-05	1.020414e-04
## SPAC6B12.15	5.468785e-02	-4.252610e-02	2.973198e-02	6.839005e-02
## SPATRNLAYS.03	-2.547897e-04	6.937689e-04	7.298601e-04	-1.443265e-04
## SPAC32A11.02c	4.766862e-03	8.782839e-04	3.434433e-02	7.345325e-03
## SPNCRNA.828	-3.035461e-04	-7.448033e-04	9.009393e-04	-1.934005e-04
## SPNCRNA.829	3.818668e-06	-2.072251e-04	4.087282e-05	-4.314291e-05
## SPAC19A8.13	-2.576496e-04	3.602132e-04	-7.359723e-04	1.462771e-04
## SPAC19A8.12	3.878602e-04	-3.238835e-04	-2.040403e-04	2.186748e-04
## SPAC19A8.11c	-7.060687e-04	-3.791566e-04	-3.868645e-04	1.170781e-03
## SPAC19A8.10	6.142469e-04	-4.910761e-04	1.279272e-05	1.075553e-03
## SPAC19A8.09	2.381477e-04	2.350873e-04	2.353083e-04	5.121299e-04
## SPAC19A8.08	1.477936e-03	-9.502520e-04	-2.143949e-03	2.149201e-03
## SPNCRNA.286	7.548035e-06	-2.022694e-05	4.338121e-05	-1.579797e-05
## SPAC19A8.07c	-2.871659e-04	2.329837e-04	-2.544726e-03	-2.967415e-04
## SPAC19A8.05c	3.269519e-04	-4.384492e-04	-5.136584e-04	-9.688562e-04
## SPAC19A8.04	3.444092e-03	-9.694586e-03	5.672508e-03	-1.122697e-03
## SPAC19A8.03	1.074220e-03	-6.340221e-04	-4.522711e-04	-1.709622e-04
## SPAC19A8.02	2.109352e-03	-8.421089e-04	-1.556528e-03	1.070528e-03
## SPAC19A8.01c	2.140287e-03	-6.773285e-04	3.730838e-04	4.625488e-04
## SPAC23H3.04	1.334487e-04	8.201860e-05	-4.194759e-04	1.356652e-04
## SPAC23H3.05c	1.642916e-04	3.506989e-04	-1.097778e-03	-5.482433e-04
## SPAC23H3.06	1.116450e-03	-1.157589e-03	-1.182278e-04	-8.026274e-04
## SPAC23H3.08c	1.762055e-04	3.186971e-04	-4.659769e-05	-1.680577e-04
## SPAC23H3.13c	2.061283e-03	-1.366761e-03	7.294909e-04	1.648364e-03
## SPNCRNA.197	1.442492e-05	1.676786e-05	-1.103415e-05	-4.994971e-05
## SPNCRNA.831	-6.512756e-06	3.091637e-05	1.545440e-05	5.998843e-06
## SPAC23H3.15c	7.645332e-02	-7.958103e-03	1.875002e-02	4.827569e-02
## SPNCRNA.833	-2.466987e-04	-1.763675e-04	-2.787609e-04	-1.607184e-04
## SPAC25H1.04	-4.308664e-04	5.426756e-04	-2.679420e-04	1.210655e-03
## SPAC25H1.05	8.491085e-04	1.252568e-03	-1.980722e-03	2.399688e-03
## SPAC25H1.06	3.744138e-04	1.796921e-03	-2.696390e-03	1.923618e-03
## SPAC25H1.07	5.358488e-04	1.797176e-03	-4.351525e-03	-2.010784e-03
## SPAC25H1.08c	-2.640846e-04	1.167823e-03	-2.912199e-03	3.894945e-03
## SPAC4A8.04	5.636715e-03	-4.273796e-04	1.088077e-03	1.122187e-03
## SPAC4A8.05c	4.702562e-03	3.483007e-05	-3.053394e-03	8.750807e-04
## SPNCRNA.836	5.611880e-05	-3.880346e-06	-2.170117e-04	-3.833709e-04
## SPNCRNA.837	4.834298e-04	4.768866e-04	4.047282e-04	-8.624870e-04
## SPAC4A8.07c	-3.839199e-04	2.608017e-03	-4.497221e-03	1.830224e-03
## SPAC4A8.08c	2.772983e-04	-1.947970e-04	-3.538049e-03	8.619947e-04
## SPNCRNA.838	-2.336318e-04	1.091942e-04	1.488136e-05	1.326828e-04
## SPSNRNA.06	2.455195e-02	4.708393e-02	3.128761e-02	-2.646923e-02
## SPAC4A8.10	-2.044201e-03	1.645789e-03	-1.017605e-03	-1.908728e-04
## SPNCRNA.839	-3.385765e-05	-1.799704e-04	2.955093e-04	-2.318281e-04

## SPAC4A8.12c	-7.768223e-04	1.231140e-03	-8.480271e-04	3.722314e-04
## SPAC4A8.14	-3.468199e-03	-6.228703e-04	-3.671300e-03	1.107534e-03
## SPATRNAILE.02	-1.048312e-02	1.470305e-02	1.427402e-02	-2.419124e-02
## SPAC823.03	4.610092e-03	-7.859212e-04	3.804664e-03	-1.465457e-04
## SPAC823.07	9.830408e-04	-2.241286e-05	-1.359003e-03	2.452720e-03
## SPNCRNA.199	3.908032e-05	2.995665e-05	5.525792e-05	5.037979e-05
## SPAC823.11	3.728876e-04	3.082654e-03	-5.827487e-04	1.143377e-03
## SPAC823.12	1.925392e-03	-7.459960e-04	1.624870e-03	3.512606e-03
## SPAC823.13c	2.413712e-04	6.326635e-04	-1.300359e-03	-3.451588e-04
## SPAC823.14	-2.652007e-03	1.283991e-04	-1.691336e-03	1.842273e-04
## SPNCRNA.841	3.927935e-04	4.034560e-04	6.780925e-05	-1.863250e-04
## SPAC823.16c	-2.674580e-05	8.000496e-04	-1.005244e-03	3.703871e-04
## SPAC7D4.14c	9.969294e-04	-1.741974e-04	-9.445833e-04	5.592814e-04
## SPAC7D4.11c	-3.571612e-05	-2.602269e-04	-1.416590e-03	7.392784e-04
## SPAC7D4.09c	2.916032e-04	5.141809e-04	-1.174037e-03	5.190544e-04
## SPAC7D4.08	8.548553e-05	-1.040698e-04	3.356709e-05	-9.647168e-05
## SPAC7D4.06c	-8.208028e-06	1.218262e-03	-1.203688e-03	-3.043249e-04
## SPAC7D4.04	8.147250e-04	8.039248e-04	-3.422924e-03	-5.805879e-04
## SPAC7D4.03c	3.238730e-03	9.972027e-04	8.266411e-04	4.410989e-05
## SPAC4F8.15	-3.435956e-04	1.141360e-03	-4.359457e-03	4.259766e-04
## SPAC4F8.14c	9.876278e-03	-1.330824e-02	2.071670e-03	5.291348e-03
## SPNCRNA.843	-2.831108e-05	1.046992e-04	-2.188135e-04	-2.535377e-05
## SPAC4F8.12c	1.480739e-03	-9.107210e-03	-2.639856e-03	3.628857e-03
## SPNCRNA.326	2.172295e-05	6.631138e-06	2.269926e-06	-6.850112e-06
## SPAC4F8.10c	1.504041e-05	1.560759e-03	-2.498016e-03	2.057650e-04
## SPNCRNA.200	-4.286649e-06	-3.173762e-06	1.131736e-05	-4.898464e-05
## SPAC4F8.07c	1.111933e-02	5.451308e-03	-2.044396e-02	2.007994e-02
## SPAC4F8.03	-4.204957e-04	1.453023e-03	-2.158415e-04	-5.399293e-04
## SPAC4F8.02c	6.076147e-04	-6.033701e-05	3.470678e-04	-1.327833e-04
## SPAC4F8.01	1.218632e-04	-8.778496e-06	-4.971944e-04	-5.811281e-04
## SPAC644.04	-8.594599e-05	9.267350e-04	-1.054390e-03	-1.007412e-03
## SPAC644.05c	2.454026e-03	2.006412e-03	7.396293e-04	5.224682e-04
## SPAC644.08	2.139835e-04	-9.626642e-04	-8.834333e-04	1.047624e-03
## SPAC644.11c	4.629573e-05	1.222131e-03	-2.436090e-03	9.018447e-04
## SPNCRNA.202	6.007695e-06	-1.235823e-05	-1.810345e-06	3.497593e-06
## SPAC644.14c	7.439130e-04	1.285581e-04	-1.419151e-03	3.651627e-04
## SPAC644.15	1.214931e-02	1.735022e-02	1.794017e-03	1.304627e-02
## SPAC644.16	1.341820e-03	-2.415860e-03	-2.130728e-03	1.346858e-03
## SPNCRNA.845	4.714108e-06	6.073837e-05	-1.533816e-05	-2.897640e-05
## SPAPB2B4.02	-1.968450e-03	2.470558e-04	-9.998307e-04	-3.463276e-04
## SPAPB2B4.03	8.301608e-03	-8.141934e-05	-4.954824e-04	2.485125e-03
## SPAPB2B4.04c	4.695626e-03	-2.701343e-03	6.526466e-04	2.712392e-03
## SPAC6F6.02c	2.896032e-04	4.627529e-04	-3.879133e-04	-1.064466e-04
## SPAC6F6.03c	1.293327e-03	-3.110291e-03	6.076981e-03	8.278982e-03
## SPAC6F6.04c	1.373447e-04	1.031052e-03	-1.248465e-03	-3.739403e-04
## SPNCRNA.848	-1.997632e-05	-2.819718e-05	5.773859e-05	-4.775381e-05
## SPAC6F6.08c	2.631355e-04	-4.856780e-04	2.675385e-05	1.563609e-04
## SPAC6F6.09	-1.686367e-04	4.111429e-04	-3.713689e-04	2.672642e-04
## SPAC6F6.10c	2.577342e-03	-3.655354e-03	-5.618831e-04	1.738678e-03
## SPAC6F6.11c	-2.847560e-04	-6.597435e-04	-1.110014e-03	-3.635230e-04
## SPNCRNA.849	-1.568173e-04	-7.753312e-05	-2.032054e-04	-2.890605e-05
## SPAC6F6.13c	2.787959e-03	-9.592733e-04	-1.827007e-03	-2.203922e-04
## SPAC6F6.17	-1.161920e-04	-1.287196e-03	-5.554064e-03	1.583847e-03
## SPNCRNA.852	-5.308297e-05	-8.140197e-05	1.671728e-05	-2.666213e-05

## SPAC1805.03c	-4.269901e-04	-7.340489e-04	-3.396459e-04	-3.412783e-05
## SPAC1805.04	1.260603e-03	-2.473412e-03	-6.788534e-04	1.161817e-03
## SPAC1805.05	-1.069701e-04	4.201664e-03	-9.220586e-03	2.944070e-03
## SPSNORNA.52	-1.193450e-04	1.348117e-03	-1.177822e-03	2.379389e-03
## SPAC1805.11c	2.145509e-02	-1.347433e-02	1.483920e-02	1.350909e-02
## SPAC1805.14	7.736313e-04	-2.279502e-04	-1.861414e-03	2.499833e-03
## SPAC1805.15c	-3.818164e-04	-1.573655e-04	-4.938429e-04	3.285210e-04
## SPAC1805.16c	8.545459e-04	-1.207642e-03	-6.515187e-04	-1.348505e-04
## SPNCRNA.208	-5.276715e-06	-3.154749e-06	9.010364e-07	-2.885367e-05
## SPAC1805.17	1.308397e-03	-6.611887e-03	-4.529909e-03	7.463479e-04
## SPAC1B2.06	-2.422802e-04	-9.302799e-05	-2.823830e-04	-1.465518e-04
## SPAC3F10.02c	-1.628118e-04	-1.679265e-03	-5.108363e-03	1.162600e-03
## SPAC3F10.05c	4.885957e-04	-4.361721e-04	-1.775727e-03	1.486930e-03
## SPAC3F10.07c	-2.289285e-05	2.425243e-04	-2.990923e-04	1.928051e-04
## SPAC3F10.19	3.191399e-04	-1.283215e-03	8.889493e-04	1.050498e-03
## SPAC3F10.08c	3.146617e-05	5.054479e-04	-3.056257e-04	2.943898e-04
## SPAC3F10.10c	-1.141297e-04	-2.501372e-04	2.190055e-04	-4.151775e-04
## SPAC3F10.12c	7.669130e-04	1.021171e-03	-1.848265e-03	8.040651e-04
## SPAC8F11.02c	4.414835e-04	5.211997e-04	-2.916329e-04	-3.599844e-04
## SPAC8F11.05c	3.144958e-05	5.381683e-05	-1.631842e-04	1.054453e-04
## SPAC8F11.06	4.614915e-04	2.551398e-04	4.830011e-04	1.380910e-04
## SPAC8F11.07c	-4.026861e-04	1.371008e-04	-5.902842e-04	-4.252725e-04
## SPAC8F11.10c	4.919622e-03	-1.183548e-03	-4.657744e-03	1.507494e-03
## SPACUNK4.13c	2.910162e-04	-4.770496e-04	4.233076e-04	-9.482651e-04
## SPACUNK4.10	1.683908e-03	-4.974660e-03	-5.115730e-04	4.202345e-04
## SPNCRNA.858	-4.414814e-05	-1.109249e-04	4.844551e-05	4.570403e-05
## SPACUNK4.07c	1.890957e-03	-9.230041e-03	3.035172e-03	4.291604e-03
## SPACUNK4.06c	-1.727623e-03	3.583569e-03	-3.073208e-03	1.787163e-03
## SPAC513.01c	8.803906e-03	-8.102418e-03	8.774999e-03	7.696004e-03
## SPAC513.02	-4.333508e-04	7.220277e-04	1.454196e-04	5.811016e-04
## SPAC513.03	3.565116e-04	1.647078e-03	-1.780326e-03	2.230074e-03
## SPAC513.05	8.051512e-04	-3.388645e-03	-2.425497e-03	1.568312e-03
## SPAC2E1P3.01	2.007843e-03	7.921634e-04	-5.544690e-03	-3.075799e-04
## SPNCRNA.859	6.662392e-05	1.319905e-04	-2.164726e-04	-5.272022e-05
## SPAC2E1P3.04	-2.625928e-03	-3.239982e-03	-4.685302e-03	-7.405305e-04
## SPAPB2C8.01	1.908724e-03	-4.330136e-03	5.241598e-04	3.464938e-03
## SPNCRNA.864	1.844428e-05	-5.963779e-05	-2.462115e-05	-8.623286e-05
## SPAPB24D3.05c	-2.934754e-05	9.663957e-05	-1.956513e-04	-7.475138e-05
## SPAPB24D3.06c	-3.194333e-04	5.869284e-04	-1.749272e-03	-1.059832e-03
## SPNCRNA.865	-1.761848e-04	4.013053e-05	3.265222e-04	-4.344314e-04
## SPAPB24D3.08c	5.806256e-03	2.883546e-03	-5.428742e-03	-2.447665e-04
## SPNCRNA.866	1.073990e-04	-7.756653e-04	-7.379580e-05	2.519885e-04
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-8.071464e-05	2.367210e-05	8.070714e-05	-3.549859e-05
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	9.461094e-05	3.459255e-04	-1.449570e-04	-3.976078e-04
## SPAPB1A11.03	1.005502e-03	-2.476884e-05	-2.442842e-04	2.472181e-04
## SPAC31G5.01	-1.307015e-04	7.303461e-04	-1.450122e-03	-6.616987e-04
## SPAC31G5.03	1.940598e-02	-1.602977e-02	1.495141e-02	8.682586e-03
## SPAC31G5.05c	2.436993e-03	6.795554e-03	-5.749222e-03	9.360999e-04
## SPAC31G5.07	7.896551e-05	1.107711e-05	9.127978e-05	-9.392015e-05
## SPAC31G5.09c	8.437698e-05	2.463364e-04	-5.802268e-04	1.365342e-05
## SPNCRNA.872	1.391452e-04	-5.455869e-05	6.956629e-05	2.085001e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC31G5.10	9.519899e-05	1.677392e-04	-3.628088e-04	-4.524889e-05
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	7.865684e-06	-9.762101e-06	-1.608257e-05	4.652141e-05
## SPAC31G5.12c	8.439688e-04	7.072102e-04	1.895615e-05	3.595194e-04
## SPAC31G5.13	-1.400329e-03	-2.994849e-04	-1.564958e-03	1.357503e-03
## SPNCRNA.875	7.744484e-05	-1.725994e-04	-1.128743e-04	4.242091e-04
## SPAC31G5.15	9.930918e-04	-8.788316e-04	-5.946151e-04	1.119641e-03
## SPAC31G5.17c	1.478390e-02	4.468501e-03	9.740776e-03	2.685534e-03
## SPAC1786.01c	2.246948e-03	1.076225e-03	1.111992e-03	7.252094e-03
## SPAC1786.04	6.573180e-06	-5.545529e-06	-2.250353e-06	-1.439614e-05
## SPNCRNA.878	-2.665447e-05	-7.049091e-05	4.383705e-05	-2.727968e-06
## SPAC24C9.03	1.207411e-03	-5.038073e-03	1.830493e-03	7.369507e-04
## SPAC24C9.16c	5.525114e-05	-1.417654e-04	1.788338e-04	-4.596941e-04
## SPATRNASER.02	-1.427002e-03	1.139927e-03	2.683765e-03	2.808167e-04
## SPAC24C9.06c	9.245539e-03	-3.521547e-02	1.180043e-02	1.606596e-02
## SPNCRNA.879	6.972913e-05	9.679396e-05	-4.362828e-05	-6.130936e-05
## SPNCRNA.880	1.365641e-04	-5.879052e-04	-1.839431e-04	2.053611e-04
## SPNCRNA.212	3.249984e-05	-6.772161e-05	1.932595e-05	2.591636e-05
## SPAC24C9.09	-2.072004e-05	9.133746e-04	-1.795955e-03	-8.191546e-04
## SPAC24C9.13c	3.222459e-04	4.968541e-05	-5.243174e-05	-9.517580e-05
## SPAC24C9.14	1.372821e-03	-2.032462e-03	-8.825246e-04	9.684302e-04
## SPNCRNA.883	7.571748e-05	-7.758509e-05	-5.973534e-05	7.827392e-05
## SPAC24C9.15c	-7.255483e-05	-6.787128e-05	7.534261e-05	1.574356e-04
## SPAC16A10.01	3.617402e-03	-2.620231e-03	3.169166e-03	3.494054e-03
## SPAC16A10.03c	1.263187e-04	-5.397909e-04	-1.997383e-03	3.835526e-05
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-4.429406e-06	6.303822e-05	1.853239e-05	-5.013455e-05
## SPAC16A10.04	9.896758e-04	8.367988e-04	-6.460092e-04	6.639159e-04
## SPAC589.02c	3.623832e-04	-4.902263e-04	-1.130523e-03	5.996868e-04
## SPNCRNA.886	1.419167e-04	-3.120437e-04	2.341957e-04	2.776959e-04
## SPAC589.04	6.190671e-04	4.881727e-04	-1.377701e-03	4.038876e-04
## SPAC589.05c	8.694621e-04	-1.175774e-04	-7.860671e-04	-1.409423e-04
## SPAC589.07c	3.378628e-04	-7.781902e-05	1.110312e-05	1.813524e-04
## SPNCRNA.560	-6.339816e-05	-2.082011e-04	9.009710e-05	-2.289371e-04
## SPAC589.09	-2.261284e-03	1.034462e-03	-2.817039e-03	-1.083517e-03
## SPAC589.10c	-5.557054e-03	4.846739e-02	-5.876027e-03	4.991350e-02
## SPAC589.12	-3.305216e-03	3.332164e-03	-6.838850e-03	-5.513358e-04
## SPAC688.03c	3.305167e-04	-1.537163e-04	-1.935502e-04	3.596681e-04
## SPAC688.04c	4.208447e-03	-8.383817e-04	1.547407e-03	1.753836e-03
## SPNCRNA.887	1.730026e-04	1.013627e-04	-2.237573e-04	1.922168e-06
## SPAC688.10	2.621139e-05	-5.315653e-04	-3.700317e-04	1.513153e-04
## SPAC688.11	-1.317111e-03	-4.883831e-03	-4.301705e-03	3.114490e-03
## SPAC688.12c	-1.382340e-04	6.234013e-04	-7.823808e-04	-5.835336e-05
## SPAC3G9.16c	2.932436e-04	-6.886801e-05	2.585168e-04	1.998937e-04
## SPAC3G9.14	3.065529e-03	-2.249565e-04	-1.644258e-03	-4.676122e-04
## SPAC3G9.12	-1.042857e-04	-2.791366e-04	-2.808584e-03	4.551035e-04
## SPATRNAALA.03	-4.493308e-04	8.751026e-04	8.011250e-04	-3.630904e-04
## SPAC3G9.10c	-4.493845e-04	4.871117e-04	-1.138749e-03	1.633965e-03
## SPRRNA.14	3.655988e-03	8.883696e-04	-3.999882e-03	-8.116543e-03
## SPAC3G9.08	4.482702e-05	3.197415e-04	-1.538287e-03	2.469965e-04
## SPAC3G9.05	8.509442e-04	-4.379085e-04	-2.300337e-04	2.427863e-04
## SPAC3G9.04	3.129138e-04	-8.871290e-05	-8.854132e-04	4.917322e-04
## SPNCRNA.893	-4.263918e-02	-3.187648e-02	7.135926e-02	-1.301018e-02
## SPNCRNA.87	8.586196e-05	-1.961264e-05	1.526392e-05	4.465880e-05

## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	1.264908e-04	-2.862124e-06	-5.636013e-04	7.759048e-04
## SPAC1486.02c	4.250564e-04	-5.051931e-04	-2.094325e-03	1.269058e-03
## SPAC1486.03c	6.896322e-04	-8.735433e-04	-1.220285e-04	4.235128e-04
## SPNCRNA.14	-3.839215e-06	1.100220e-05	1.282047e-05	-4.371777e-05
## SPAC1486.04c	9.712364e-04	-2.537195e-03	-2.510183e-03	-2.253561e-03
## SPAC1486.06	-4.825911e-04	1.801699e-03	-9.797462e-04	-4.636220e-04
## SPNCRNA.895	-5.235642e-05	6.331026e-05	4.315702e-05	1.963523e-05
## SPAC1486.09	5.633359e-04	-8.301214e-04	-1.224675e-03	-6.165626e-04
## SPAC6G10.06	6.646382e-05	-5.851135e-05	2.097445e-05	1.070238e-04
## SPAC6G10.11c	-2.636422e-02	5.552879e-02	1.851774e-02	7.654724e-02
## SPAC6G10.12c	2.556789e-03	6.936134e-04	2.875882e-04	-3.403135e-04
## SPNCRNA.897	-2.063661e-05	1.179211e-06	-7.685656e-05	-3.547144e-05
## SPAC6G9.01c	-4.085326e-04	7.451264e-04	-4.468241e-04	1.752649e-04
## SPAC6G9.04	2.534828e-04	-8.289782e-04	-1.344352e-03	5.811557e-05
## SPAC6G9.05	2.839437e-04	-9.558988e-05	-3.455754e-04	1.148385e-04
## SPAC6G9.06c	-8.148592e-04	-2.019404e-03	-1.506524e-03	-1.979438e-04
## SPNCRNA.898	-4.397609e-05	1.806412e-04	5.943067e-05	4.432510e-05
## SPAC6G9.07c	4.063420e-04	1.573178e-03	-2.553133e-03	-1.800023e-03
## SPAC6G9.08	1.073445e-04	1.146638e-03	-4.213823e-03	-2.410144e-03
## SPAC6G9.10c	-3.817706e-04	-1.507420e-03	2.303623e-04	3.275737e-04
## SPAC6G9.11	-3.432595e-04	8.694550e-04	-4.860827e-03	-1.177468e-04
## SPAC6G9.13c	6.193667e-05	-6.938737e-06	6.373089e-05	-2.841754e-05
## SPAC6G9.14	4.193728e-04	-1.281472e-03	8.359630e-04	-3.193057e-04
## SPAC6G9.16c	-4.535500e-04	3.151206e-05	-2.987623e-04	8.545028e-04
## SPAPB1E7.02c	-2.315669e-05	-1.060411e-04	-7.243114e-04	-6.104724e-04
## SPAPB1E7.05	5.319965e-03	2.173386e-03	-5.896875e-04	8.065946e-04
## SPAPB1E7.08c	1.828044e-03	1.228247e-03	-5.746089e-03	4.546953e-04
## SPAPB1E7.09	2.607914e-03	-3.402439e-03	-3.504266e-03	6.477138e-03
## SPAPB1E7.11c	1.003792e-03	5.316426e-04	-2.108663e-03	-3.143073e-04
## SPAPB1E7.12	2.152532e-02	-1.852079e-02	7.790810e-03	5.569176e-02
## SPAPB1E7.14	7.695063e-04	-2.470320e-04	-2.219317e-04	8.224403e-04
## SPAC2E1P5.02c	-1.079965e-04	1.067188e-03	-5.748385e-04	-4.134058e-04
## SPAC2E1P5.04c	-2.765440e-04	4.126514e-04	-9.678685e-04	7.680604e-05
## SPAC26A3.01	1.144661e-02	2.911102e-03	-1.710475e-02	8.344918e-03
## SPAC26A3.03c	3.839151e-05	6.302323e-04	-1.101078e-03	8.321707e-05
## SPAC26A3.04	7.310528e-03	3.272113e-02	4.803198e-03	8.015634e-03
## SPAC26A3.06	6.032615e-04	-4.526173e-04	-1.429429e-03	1.015052e-03
## SPAC26A3.07c	1.060852e-02	6.900139e-03	-4.175821e-03	2.496917e-02
## SPAC26A3.12c	1.525667e-04	-2.767745e-03	-1.479314e-03	-1.362982e-03
## SPAC26A3.11	3.513704e-04	2.137479e-04	-1.138561e-03	1.202522e-03
## SPAC26A3.14c	5.931168e-04	2.498918e-04	1.480763e-04	-7.349232e-04
## SPAC26A3.16	6.707783e-05	-1.341487e-04	-4.840925e-03	-7.799258e-04
## SPAC26A3.17c	-1.252762e-03	1.659744e-03	1.932085e-03	-2.725338e-04
## SPNCRNA.902	5.317119e-05	-1.265579e-04	2.012177e-04	-3.909073e-05
## SPAC8E11.10	-4.244993e-03	-4.394581e-03	-1.400453e-02	-5.439075e-03
## SPAC8E11.07c	1.486902e-04	-1.469005e-04	9.391295e-05	-1.947805e-04
## SPAC8E11.05c	-1.120087e-03	1.327020e-03	-3.466970e-03	1.662046e-03
## SPNCRNA.905	-3.912433e-05	8.865174e-05	-1.933940e-04	-3.244710e-05
## SPAC8E11.01c	3.233715e-04	-5.732800e-04	-4.897370e-04	1.976037e-03
## SPAC959.04c	-4.860770e-04	-1.939204e-04	-3.496460e-04	8.455556e-04
## SPAC959.10	-9.618931e-05	-4.853724e-04	-1.544345e-04	2.245595e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-6.877948e-05	5.981222e-05	-1.155929e-04	5.682962e-04

## SPAC959.08	-2.679409e-03	1.241873e-02	-3.239066e-04	2.299834e-02
## SPNCRNA.907	8.012311e-05	-6.822262e-07	6.746000e-04	-6.546788e-04
## SPAC3H5.12c	9.002514e-03	4.431269e-02	-1.047909e-02	2.344419e-02
## SPAC3H5.11	5.231477e-04	-8.940517e-05	-9.828584e-04	8.983149e-05
## SPAC3H5.13	9.542373e-05	1.878492e-04	-3.432022e-04	3.217578e-04
## SPAC3H5.09c	5.862947e-03	8.658228e-04	-8.280617e-03	3.194032e-03
## SPAC3H5.07	8.904700e-03	1.528297e-03	1.051712e-02	3.773859e-03
## SPAC3H5.04	3.811508e-04	-2.211090e-06	-3.830258e-04	1.072587e-03
## SPAC3H5.05c	2.591730e-03	6.722087e-03	-1.575761e-02	1.003876e-02
## SPAC3A11.14c	4.042483e-04	-2.843897e-04	-1.297068e-03	5.538519e-04
## SPNCRNA.561	-1.594128e-04	1.822163e-04	1.348708e-04	4.048285e-05
## SPATRNAARG.01	-3.411653e-03	3.472717e-03	4.974317e-03	-3.675351e-03
## SPNCRNA.908	5.307399e-05	-9.415027e-05	-2.392341e-05	2.452981e-04
## SPAC3A11.11c	6.098652e-04	6.660381e-04	-2.165153e-03	2.648459e-04
## SPAC3A11.08	2.350595e-05	-8.554560e-04	-1.754529e-03	-4.503564e-04
## SPAC3A11.07	6.176762e-03	-7.581301e-03	2.938198e-03	-3.832759e-03
## SPAC3A11.06	1.252426e-03	-8.709376e-04	1.007223e-03	1.718502e-03
## SPAC328.01c	1.615700e-03	8.454051e-04	5.124011e-05	-1.690333e-03
## SPAC328.02	5.638215e-04	-1.742959e-03	1.595172e-03	5.885572e-04
## SPNCRNA.911	-1.384237e-04	-1.340340e-05	3.399507e-04	-3.379798e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	9.466289e-03	-1.038501e-02	1.582212e-02	-1.838829e-03
## SPAC328.07c	3.487931e-04	-1.270905e-03	-6.613596e-07	8.500825e-05
## SPAC328.09	-9.367511e-04	-1.116307e-03	1.633986e-03	-8.831099e-04
## SPNCRNA.912	-8.681671e-06	1.007775e-05	-1.895866e-05	3.988186e-05
## SPNCRNA.913	2.159816e-05	-3.495087e-05	1.605176e-05	4.662499e-05
## SPAC16E8.01	2.099877e-03	-4.302286e-03	-5.360987e-03	-6.558943e-04
## SPAC16E8.04c	1.153310e-03	2.411008e-03	-9.176330e-04	1.447604e-05
## SPNCRNA.914	4.787054e-05	1.694187e-04	-5.432524e-04	-4.877989e-04
## SPNCRNA.562	3.889415e-05	-4.182123e-08	3.071847e-05	-2.211145e-05
## SPAC16E8.08	4.237275e-04	1.835849e-04	-1.180698e-04	1.257005e-04
## SPAC16E8.10c	2.221197e-04	5.374019e-05	-5.546988e-04	8.098652e-04
## SPAC16E8.11c	-2.980003e-04	3.849448e-04	-8.994088e-04	-7.808497e-06
## SPAC16E8.18	-2.673460e-04	7.782008e-05	-3.856842e-04	-3.292327e-04
## SPAC16E8.12c	-2.722948e-04	4.566824e-04	-1.277517e-03	-1.127142e-03
## SPAC16E8.14c	3.786179e-04	-3.503962e-04	1.275280e-04	6.652676e-04
## SPAC16E8.16	1.604028e-03	1.855254e-03	-4.628007e-03	2.532157e-03
## SPAC16E8.17c	-1.276109e-03	-2.706651e-05	-2.099585e-03	1.972550e-03
## SPAC1B1.02c	6.540028e-04	1.457269e-03	-3.508704e-03	1.636057e-03
## SPAC1B1.03c	-3.531116e-03	-1.417036e-03	-7.391597e-03	2.140772e-03
## SPAC1B1.04c	7.700882e-04	-3.925392e-04	-6.724522e-04	-1.175404e-04
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-7.132564e-05	1.037897e-04	-1.391233e-04	-1.176099e-04
## SPAC17A2.03c	-2.909448e-04	1.125998e-03	-1.332780e-03	-2.306920e-03
## SPNCRNA.917	1.152747e-07	-6.157888e-06	-2.544576e-06	-1.470971e-05
## SPNCRNA.918	4.171697e-06	-6.848577e-05	5.925147e-05	-4.959172e-05
## SPAC17A2.12	4.641042e-04	-8.638848e-05	-9.995328e-04	3.638650e-04
## SPAC17A2.13c	1.046482e-04	-1.136883e-02	-2.512192e-04	7.563370e-04
## SPNCRNA.919	-6.258398e-05	7.690382e-07	-1.484349e-06	9.378277e-06
## SPAC17A2.14	1.353678e-03	-9.329718e-05	-2.664517e-03	1.109708e-03
## SPNCRNA.600	1.095183e-04	3.271199e-05	-2.215699e-04	-4.861281e-05
## SPAC17G6.07c	1.538225e-04	4.349932e-04	-3.906869e-04	3.553029e-05
## SPAC17G6.09	1.761393e-03	-1.738198e-03	1.035949e-03	1.330102e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC17G6.12	3.359797e-04	-2.239311e-04	-1.550780e-03	-2.991872e-04
## SPNCRNA.922	-1.014325e-05	1.297278e-05	-1.352489e-04	1.588560e-04
## SPAC1142.03c	1.555305e-03	3.602023e-04	-2.589916e-03	1.812798e-03
## SPRRNA.16	7.301778e-04	4.226983e-04	5.446338e-04	-9.502468e-04
## SPNCRNA.924	4.895350e-06	8.317591e-06	-7.307564e-06	-4.497811e-06
## SPAC8C9.03	2.142688e-03	-1.456713e-03	5.510172e-03	1.598743e-03
## SPAC8C9.05	-6.375315e-06	-4.047086e-04	-4.143702e-04	-8.420491e-04
## SPAC8C9.06c	-8.243860e-05	-3.056502e-03	-7.829905e-04	1.915507e-03
## SPAC8C9.10c	-2.592621e-04	-4.985676e-04	8.325833e-04	1.236691e-04
## SPAC8C9.16c	-1.024670e-04	-4.093621e-04	3.412137e-04	4.775312e-04
## SPAC15A10.01	1.495203e-04	-2.186172e-05	-9.865114e-04	2.453953e-05
## SPAC8C9.17c	-2.396152e-05	-8.342190e-04	-3.270989e-04	2.708019e-04
## SPAC15A10.02	2.517140e-03	-3.733935e-04	-1.546506e-03	1.223889e-03
## SPAC15A10.03c	4.876511e-04	-1.171133e-03	-9.393324e-04	4.813537e-04
## SPAC15A10.04c	-4.856466e-03	4.146443e-04	-7.411802e-03	-2.168401e-03
## SPAC15A10.05c	5.356960e-04	2.685856e-05	1.698567e-04	2.083432e-04
## SPAC15A10.07	-3.679592e-05	1.323835e-04	-1.113410e-03	1.520572e-03
## SPAC15A10.10	1.018503e-03	-8.190950e-05	-6.164832e-04	-9.911629e-04
## SPATRNPAPHE.01	-4.525159e-03	1.208188e-02	1.742728e-02	-4.184856e-03
## SPATRNAVAL.04	-5.745354e-04	2.426114e-04	7.310374e-03	-2.847257e-03
## SPNCRNA.929	1.336601e-04	5.605402e-05	-1.702023e-04	7.710233e-05
## SPAC15A10.15	7.835529e-04	1.028044e-03	-1.885900e-03	-5.443571e-04
## SPAC15A10.16	1.740403e-03	-1.967071e-03	-2.896728e-03	3.044763e-04
## SPAC15E1.02c	3.042101e-03	1.974601e-03	-3.637200e-03	-7.652822e-04
## SPAC15E1.04	9.222919e-04	-1.211654e-03	-5.171247e-05	1.369548e-03
## SPAC15E1.06	2.087950e-04	1.489086e-04	-4.197707e-05	5.292844e-04
## SPAC15E1.07c	6.457893e-05	2.570055e-05	-1.009252e-04	8.992083e-05
## SPAC15E1.08	7.233218e-04	2.139838e-03	-1.192564e-03	1.526564e-03
## SPNCRNA.931	4.321425e-05	1.148883e-05	-1.187052e-05	-5.913074e-05
## SPNCRNA.524	2.967870e-05	4.606690e-06	1.627894e-05	4.382976e-05
## SPAP7G5.03	-2.570212e-05	-6.579976e-04	-1.430230e-03	-2.124994e-04
## SPAP7G5.04c	-1.515022e-02	1.268662e-02	2.569218e-02	-2.970146e-02
## SPNCRNA.933	1.048913e-05	-4.626975e-05	6.046369e-05	-1.409081e-04
## SPAP7G5.06	1.301053e-03	-1.188343e-03	-4.117581e-03	-1.328272e-04
## SPATRNPAPHE.02	-4.238674e-02	-2.529643e-02	3.059915e-02	-1.585096e-02
## SPATRNPALA.04	-1.566426e-04	2.570428e-04	-7.011152e-05	-2.892755e-05
## SPATRNPAGLU.03	-6.806337e-03	2.023876e-03	3.170066e-03	1.547798e-03
## SPATRNPAIL.04	-1.227892e-04	-7.257125e-05	1.773173e-04	-2.516700e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-1.448376e-05	-1.029434e-05	5.318732e-06	2.223883e-07
## SPAP4C9.02	2.028640e-04	8.074078e-05	1.419011e-05	2.227441e-05
## SPNCRNA.936	1.382787e-04	9.682440e-05	-2.798663e-06	-1.147664e-04
## SPAC1556.02c	7.491751e-03	-1.607853e-02	3.694464e-03	1.745865e-02
## SPAC1556.06	8.663096e-05	-6.184742e-05	-5.557269e-04	7.720152e-06
## SPAC1556.07	-1.984361e-03	1.061621e-02	-6.081651e-03	2.644436e-03
## SPAC1556.08c	5.556540e-04	1.589967e-03	-3.434087e-03	2.037213e-03
## SPAC1F12.06c	-8.470512e-05	5.346723e-04	-3.403830e-04	4.451475e-04
## SPAC1F12.08	-1.078276e-04	-3.548010e-06	-6.189561e-04	5.322494e-04
## SPAC1F12.09	-1.587357e-04	8.604815e-04	-2.028378e-03	-3.176126e-04
## SPAC1F12.10c	2.129402e-03	3.743479e-04	5.664425e-03	-2.121213e-03
## SPAC4H3.17	-2.884100e-05	1.790637e-05	-1.671781e-05	-2.193591e-05
## SPAC4H3.02c	5.835055e-04	-5.868156e-04	2.268214e-04	-4.766623e-04
## SPNCRNA.938	-2.654766e-05	1.512439e-05	3.000686e-05	-1.319318e-04

## SPRRNA.17	1.632183e-03	5.303562e-03	5.105746e-04	-1.057230e-03
## SPAC4H3.04c	1.564145e-04	-2.522340e-04	-4.214099e-04	7.887744e-04
## SPAC4H3.05	-3.810378e-05	-7.306590e-04	-9.212067e-04	2.025042e-04
## SPAC4H3.16	-1.341414e-06	1.004921e-04	-7.577146e-04	1.631216e-03
## SPNCRNA.939	-1.812826e-04	-1.586122e-04	-1.867726e-04	-3.253896e-05
## SPAC4H3.07c	5.228188e-04	-1.112972e-04	-5.789844e-04	-1.551703e-03
## SPNCRNA.940	2.889170e-05	4.641107e-05	2.921050e-05	-4.554917e-05
## SPAC4H3.08	1.522065e-03	6.971325e-04	-9.721898e-04	-9.793144e-05
## SPAC4H3.10c	9.482708e-02	-1.390277e-01	1.960765e-03	1.222736e-01
## SPAC4H3.11c	1.545170e-03	4.929379e-04	-1.578411e-04	-1.284483e-03
## SPAC4H3.13	-2.267431e-04	-1.084190e-03	8.124977e-04	8.301408e-04
## SPAC4H3.14c	-8.853813e-05	1.011253e-03	-2.142740e-03	8.718715e-04
## SPAC1071.04c	-3.562806e-05	1.513411e-04	-1.878724e-04	-3.092136e-04
## SPAC1071.07c	8.685159e-03	7.047789e-02	5.476943e-03	4.311824e-02
## SPAC1071.09c	5.905464e-04	-8.962428e-04	7.127077e-04	2.849867e-04
## SPNCRNA.92	-1.772736e-06	2.344855e-06	8.425813e-07	-7.993992e-07
## SPNCRNA.944	-5.763227e-05	-3.854303e-05	1.829203e-04	-1.515645e-04
## SPAC1071.11	5.234973e-04	3.024378e-05	-1.174167e-04	-3.003446e-04
## SPNCRNA.947	1.232965e-04	-4.498267e-05	-1.879291e-04	1.727144e-04
## SPAC926.06c	1.037089e-03	-7.886519e-04	-4.037562e-04	3.919318e-04
## SPAC926.07c	7.863918e-04	-6.689616e-04	2.038507e-04	1.167317e-03
## SPAC926.08c	1.991882e-03	3.225618e-03	1.181277e-03	8.170292e-04
## SPAC323.02c	1.388968e-05	5.073953e-04	-3.164706e-03	-1.377349e-03
## SPAC323.03c	-1.243252e-04	-1.372610e-04	-4.093127e-04	3.436192e-04
## SPAC323.04	-4.686137e-04	-4.233558e-04	-2.050604e-04	-2.498959e-03
## SPAC323.05c	2.243907e-04	2.348156e-05	-8.796751e-04	9.833938e-04
## SPAC323.08	8.817721e-06	-1.655860e-04	-4.171648e-04	3.084123e-04
## SPAC2F3.01	8.423792e-04	-1.559259e-04	-1.041439e-04	-4.799290e-04
## SPAC2F3.17c	2.305683e-04	4.708940e-04	6.090937e-06	-7.496812e-04
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-1.422074e-03	-2.529374e-03	-3.476257e-04	-4.495699e-03
## SPAC2F3.10	1.517711e-03	-1.061140e-03	-7.704076e-04	2.042747e-03
## SPAC2F3.13c	-1.594873e-04	-4.470725e-04	-5.934752e-04	-1.322570e-04
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	2.505399e-04	4.830694e-05	-1.873216e-04	-2.090939e-04
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	1.127800e-03	-1.253665e-05	-4.894821e-04	-5.780976e-04
## SPAC2F3.16	1.405270e-04	4.268778e-04	-5.390386e-04	2.555618e-04
## SPAC11G7.05c	7.100465e-04	-4.769886e-04	-6.230064e-04	1.097063e-03
## SPAC11G7.06c	-2.205377e-05	-1.083405e-04	-8.446791e-04	-4.131893e-04
## SPNCRNA.952	-1.517241e-04	8.349561e-05	-2.928897e-04	-1.200095e-04
## SPAPB18E9.02c	1.068422e-03	-1.967341e-03	-4.291927e-03	-4.334299e-04
## SPNCRNA.953	-4.563410e-04	1.624646e-04	-1.183099e-04	-4.985943e-04
## SPAPB18E9.04c	3.278468e-04	-2.743908e-04	-2.511464e-04	-2.020614e-04
## SPNCRNA.954	2.745670e-05	9.070789e-05	4.514810e-05	4.586891e-04
## SPAPB15E9.06	1.997405e-05	8.597308e-05	8.762229e-07	-2.881674e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	1.085012e-03	1.146051e-03	-1.102831e-03	-2.116046e-04
## SPNCRNA.955	-3.743588e-05	-7.569315e-05	-1.278309e-04	-4.768008e-05
## SPAC27E2.03c	4.254628e-03	2.212681e-03	4.116595e-03	1.077112e-03
## SPAC27E2.11c	9.631931e-07	2.401474e-05	2.078677e-05	2.546971e-05
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	6.329479e-05	-1.194220e-04	7.723282e-05	-1.824405e-05

## SPAC27E2.12	-4.189327e-06	-6.987259e-06	-2.497072e-05	2.299967e-05
## SPAC27E2.06c	9.136064e-04	2.973888e-04	-1.957669e-03	8.428930e-04
## SPAC27E2.07	3.642872e-04	-4.622221e-04	-4.041616e-05	1.957628e-04
## SPAC27E2.08	-4.864740e-06	-7.710909e-06	-1.123051e-05	1.816629e-05
## SPAPJ698.02c	2.548714e-02	-3.034161e-02	2.066240e-02	1.245787e-02
## SPAC19G12.01c	-2.039201e-04	-5.160484e-04	-8.869025e-04	1.455501e-04
## SPAC19G12.03	-1.385141e-04	1.107053e-03	-2.597263e-03	5.338225e-04
## SPNCRNA.956	2.831312e-05	-1.467251e-06	-1.998035e-05	3.797587e-05
## SPAC19G12.05	6.213756e-04	1.328964e-03	-3.104236e-04	-6.597399e-04
## SPAC19G12.10c	1.029412e-02	-3.306761e-02	-4.478640e-02	1.778740e-02
## SPAC19G12.17	4.428444e-05	5.625722e-04	-6.533221e-04	-5.799603e-04
## SPAC19G12.11	-1.050719e-03	-9.229884e-04	1.444359e-04	-1.040756e-03
## SPAC19G12.12	4.026782e-04	1.951202e-04	-1.152813e-03	1.412584e-03
## SPAC19G12.15c	-1.688347e-04	-1.172482e-02	-1.169035e-02	8.428657e-03
## SPAC19G12.16c	1.482341e-02	1.197194e-03	-9.514417e-04	-9.718734e-04
## SPAC23A1.02c	1.395550e-03	-7.574125e-04	1.808224e-03	5.574603e-04
## SPAC23A1.03	-4.054827e-04	9.323039e-03	4.646167e-03	-7.355780e-03
## SPAC23A1.04c	4.894064e-04	-1.742380e-04	-7.712395e-04	-1.947134e-04
## SPAC23A1.05	1.555101e-03	1.408794e-03	-2.013245e-03	-5.525652e-04
## SPAC23A1.06c	1.628620e-03	6.834019e-04	8.224402e-04	2.350265e-04
## SPAC23A1.09	8.547253e-05	4.887299e-04	1.744078e-04	9.907514e-04
## SPNCRNA.957	8.167444e-05	-3.279924e-05	5.583599e-05	-1.002801e-04
## SPAC23A1.11	8.719138e-03	-1.151137e-03	1.038163e-02	-9.909893e-03
## SPAC23A1.12c	5.038704e-03	-8.935262e-03	3.342522e-03	6.555705e-03
## SPNCRNA.958	-8.720148e-05	-2.235333e-05	7.271247e-05	2.621524e-04
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	2.118772e-03	-1.121197e-03	1.149978e-03	1.843672e-03
## SPAC23A1.17	6.726199e-04	-2.149421e-03	-5.840413e-04	4.694446e-04
## SPAC23A1.18c	1.256457e-03	-5.042499e-04	5.617344e-04	8.301939e-04
## SPAC23A1.19c	7.121594e-04	8.744484e-04	-2.131500e-03	-9.550625e-05
## SPAC26H5.02c	-6.010528e-04	-4.485197e-04	-1.588340e-03	-1.895792e-04
## SPAC26H5.03	7.342631e-04	4.665653e-05	-4.746363e-04	1.110625e-03
## SPNCRNA.959	-6.724426e-05	1.168641e-04	1.034272e-04	5.281528e-05
## SPNCRNA.960	-1.298512e-04	-3.534291e-05	-7.869706e-05	-3.443019e-05
## SPAC26H5.05	2.889539e-03	-4.969921e-03	6.493679e-04	1.942550e-03
## SPAC26H5.06	-2.882662e-04	-3.011552e-04	-5.715841e-04	6.073384e-04
## SPNCRNA.963	6.024459e-05	-6.347865e-05	1.226054e-05	4.279362e-05
## SPAC26H5.11	1.982196e-03	-2.491690e-03	-1.717424e-03	1.315540e-03
## SPAC26H5.12	-1.637369e-03	-1.269832e-03	-1.801270e-03	-9.872993e-04
## SPAC26H5.13c	1.516345e-03	-2.838949e-05	-1.012764e-03	-5.969663e-04
## SPAC25B8.01	4.083128e-04	8.200065e-04	-1.659710e-03	1.235972e-03
## SPAC25B8.06c	3.935165e-04	-3.709516e-04	-8.236732e-04	5.634543e-04
## SPAC25B8.08	6.530519e-04	3.772142e-04	-1.769099e-04	-8.500276e-04
## SPNCRNA.966	-2.507265e-06	-1.917046e-04	9.368952e-05	-6.743122e-05
## SPAC25B8.09	-9.812593e-04	-9.034025e-04	1.285828e-04	-5.749854e-04
## SPAC25B8.12c	3.808850e-02	-2.304317e-02	3.329665e-02	2.031760e-02
## SPAC25B8.17	1.161573e-04	6.960260e-05	-1.177525e-03	4.644822e-04
## SPAC25B8.18	-2.088943e-05	2.040086e-04	-2.022901e-04	2.220213e-05
## SPAC25B8.19c	1.296824e-03	-9.967177e-04	3.220835e-04	-1.017070e-03
## SPAC683.03	1.295004e-05	-3.889961e-05	1.317062e-05	-5.257489e-05
## SPNCRNA.969	-4.695945e-05	-3.543365e-05	3.519700e-05	-7.890621e-05
## SPAC683.02c	1.852592e-04	9.804445e-04	-6.350496e-04	1.686726e-03
## SPAC694.02	1.553091e-02	9.546557e-03	3.207705e-03	7.170932e-03
## SPAC694.05c	1.064611e-02	2.415917e-02	1.049159e-02	3.842085e-02

## SPAC694.06c	2.915593e-03	1.152018e-03	-1.521336e-03	-1.403309e-03
## SPAC1F7.01c	-8.409694e-05	-7.865339e-03	-7.946175e-04	1.554971e-03
## SPAC1F7.14c	1.302388e-04	1.779870e-04	-6.545193e-04	3.134921e-04
## SPAC1F7.04	5.292979e-03	-7.648995e-03	-4.084044e-03	5.083999e-03
## SPAC1F7.05	2.373344e-02	-2.196085e-03	2.757800e-03	2.168862e-03
## SPNCRNA.973	1.075670e-05	-1.789665e-04	7.577181e-05	7.092869e-05
## SPNCRNA.243	2.161112e-05	-4.010567e-06	-3.919688e-05	-1.230431e-04
## SPAC1F7.08	-2.348968e-03	-2.215737e-03	-1.163557e-02	-2.502637e-02
## SPAC1F7.09c	-1.239373e-04	2.610466e-04	2.022726e-04	-2.509942e-04
## SPAC1F7.13c	2.021153e-02	-2.688816e-02	5.633179e-03	9.366367e-02
## SPAC21E11.04	-2.746124e-04	-1.535913e-04	3.939740e-04	-8.104605e-04
## SPAC21E11.06	1.429302e-03	1.605556e-03	-4.027674e-03	-1.824660e-03
## SPNCRNA.13	-1.062198e-04	1.227168e-05	1.066872e-05	-3.115819e-05
## SPAC21E11.07	-3.857719e-05	4.855372e-04	-5.841825e-04	-5.284821e-04
## SPAC2C4.03c	2.381907e-04	-2.510031e-04	-6.191131e-04	5.370939e-04
## SPAC2C4.04c	-4.109675e-04	-1.030632e-03	-5.023804e-04	-4.361469e-04
## SPNCRNA.98	1.967042e-01	-9.669651e-03	-6.809377e-02	4.705749e-02
## SPAC2C4.07c	7.036226e-04	-3.040326e-04	-2.481291e-04	2.160466e-04
## SPAC2C4.09	-6.348036e-05	-2.162006e-05	-4.369019e-05	-3.012488e-04
## SPAC2C4.10c	-4.405216e-04	3.978826e-05	-1.345945e-03	1.298371e-05
## SPAC2C4.13	-1.694742e-03	2.627982e-03	-2.861930e-03	-1.825442e-03
## SPAC2C4.17c	6.713499e-03	-9.761911e-03	1.524240e-02	5.433935e-03
## SPAC25G10.02	4.482603e-05	1.937894e-04	-2.768840e-04	-1.550248e-04
## SPAC25G10.03	1.943775e-03	-1.271225e-03	-3.840090e-04	-1.981154e-03
## SPAC25G10.04c	1.244726e-05	2.408029e-04	-1.863056e-04	-1.740536e-04
## SPAC25G10.08	-1.570980e-03	1.922586e-02	-6.181099e-04	1.042464e-02
## SPAC27F1.05c	-1.155732e-06	-6.441849e-05	-5.225841e-04	3.687339e-04
## SPNCRNA.977	-2.979337e-05	-1.987620e-04	-5.995927e-04	-1.553800e-06
## SPAC27F1.10	-5.259113e-06	6.582504e-05	5.817659e-05	-6.945631e-06
## SPNCRNA.978	3.309180e-05	4.997296e-06	1.332081e-05	-2.471575e-04
## SPAC27F1.06c	2.532451e-03	-2.013382e-04	2.869122e-03	-1.134911e-03
## SPAC23D3.04c	-3.324506e-03	-5.657029e-03	-6.414591e-04	-3.501295e-03
## SPAC23D3.05c	2.565454e-04	1.049924e-04	-1.340149e-03	1.113167e-03
## SPAC23D3.06c	1.094313e-03	-5.412054e-03	-8.774975e-06	4.241812e-03
## SPAC23D3.07	-1.114290e-03	-1.859496e-03	-2.920054e-03	1.432796e-03
## SPAC23D3.09	-9.308141e-04	6.097702e-04	-4.075400e-03	1.985565e-03
## SPAC23D3.10c	1.194359e-03	4.658236e-04	-2.162694e-03	5.469683e-04
## SPNCRNA.244	5.399297e-06	-1.909101e-05	-1.093119e-05	5.043951e-05
## SPAC23D3.12	8.400804e-04	-4.157977e-03	-1.407681e-02	-5.273759e-04
## SPAC23D3.16	-6.196632e-04	-3.789559e-04	2.892438e-04	4.105589e-04
## SPAC23D3.13c	4.956684e-04	-7.720534e-04	-4.277207e-03	3.636165e-03
## SPAC23D3.14c	3.857633e-04	-2.436142e-04	-9.085254e-04	6.518192e-04
## SPNCRNA.982	-2.424628e-04	-3.262759e-04	-7.658481e-04	-7.578302e-04
## SPAC1527.01	-2.354585e-03	-1.746062e-03	-3.363233e-03	3.002097e-04
## SPAC1527.02	-1.754989e-04	-3.936980e-04	2.858638e-04	-1.450087e-04
## SPAC1527.03	1.462720e-03	-4.757737e-04	-6.787711e-04	1.090063e-04
## SPAC30.03c	3.300635e-04	1.213307e-03	-2.310538e-04	1.162026e-03
## SPNCRNA.983	-1.416589e-05	-1.999818e-05	-2.603355e-05	5.091972e-05
## SPNCRNA.984	7.411306e-05	6.322694e-05	2.568697e-05	4.081955e-04
## SPNCRNA.246	-5.546856e-06	-7.839818e-07	2.256610e-06	2.390237e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	6.652872e-04	-6.614452e-04	-2.136632e-03	-3.454249e-04
## SPAC29E6.06c	8.524774e-04	5.275741e-03	-1.715071e-03	-8.867956e-04
## SPAC29E6.09	2.576969e-04	3.627484e-04	-1.743602e-03	8.510675e-04

## SPAC29E6.10c	1.531517e-03	6.377696e-04	-2.834759e-03	5.493209e-04
## SPAC16.02c	3.954838e-03	-1.791772e-03	2.121934e-03	-8.997794e-03
## SPNCRNA.247	9.852125e-06	-1.562557e-05	-3.235493e-06	-3.495355e-05
## SPAC16.04	1.496777e-03	-3.872514e-04	-2.548041e-03	-2.100761e-04
## SPNCRNA.99	3.962701e-04	-1.100331e-04	5.881716e-04	7.487752e-05
## SPAC9E9.02	-1.971835e-04	-3.574000e-04	2.514194e-04	1.003859e-03
## SPNCRNA.988	1.979600e-05	-1.392406e-04	3.570684e-05	7.800887e-06
## SPAC9E9.05	4.399721e-04	6.324604e-05	-3.209883e-04	2.453446e-04
## SPAC9E9.06c	2.135750e-03	-9.386382e-03	1.752937e-03	-1.187682e-03
## SPAC9E9.07c	1.093462e-03	-1.390005e-03	-2.753466e-03	-5.155219e-04
## SPAC9E9.08	2.331403e-04	-6.486479e-04	-6.652597e-04	-4.502176e-04
## SPNCRNA.990	-2.278728e-04	6.302286e-06	-1.831939e-04	1.915304e-04
## SPAC9E9.10c	1.713121e-03	9.629831e-04	-1.152947e-03	6.856213e-04
## SPAC9E9.11	-4.645192e-03	-1.283095e-02	-1.334666e-02	-8.059644e-03
## SPAC9E9.12c	1.243084e-03	-1.773917e-05	-9.216190e-04	8.063061e-04
## SPAC9E9.13	-3.733239e-02	-2.034514e-02	-2.362903e-02	-2.237081e-02
## SPAC9E9.14	-3.639989e-04	-3.883807e-04	-1.127020e-03	-1.602385e-03
## SPAC17C9.16c	8.100310e-04	1.570947e-03	-2.765188e-03	-1.836224e-04
## SPAC17C9.15c	-7.505562e-05	-2.700429e-04	-8.949413e-04	-1.127565e-03
## SPAC17C9.13c	1.730394e-03	2.068537e-03	-1.998754e-03	1.660945e-04
## SPAC17C9.12	1.051981e-03	-8.267846e-04	-2.149229e-04	-3.432049e-04
## SPAC17C9.11c	6.212702e-04	-4.996136e-04	-1.167185e-04	4.695767e-04
## SPAC17C9.09c	7.174928e-04	8.277202e-04	2.667287e-05	5.359067e-04
## SPAC17C9.08	-1.122808e-03	6.031951e-04	-1.773042e-03	-1.777101e-03
## SPAC17C9.06	4.788474e-04	1.493009e-03	-2.346299e-03	4.393579e-04
## SPAC17C9.03	2.809898e-02	-2.015571e-02	1.662591e-02	1.058066e-03
## SPAC17C9.02c	-6.494782e-05	-3.490543e-05	-6.997713e-04	1.087307e-03
## SPAC1851.02	5.380867e-04	2.271024e-03	-1.395696e-03	2.019066e-03
## SPAC1851.03	-3.945618e-04	-6.777961e-04	-1.677422e-03	1.946737e-04
## SPNCRNA.992	-8.299373e-05	4.432307e-05	-2.659270e-04	-1.595812e-04
## SPAC27D7.03c	4.525258e-05	-1.554176e-04	-5.302064e-04	-3.326996e-04
## SPAC27D7.04	3.197980e-04	3.838931e-04	-4.851700e-04	7.928333e-05
## SPAC27D7.05c	-4.499184e-04	1.443439e-04	-2.693782e-04	2.474713e-04
## SPAC27D7.07c	8.640129e-05	1.144623e-03	-1.199149e-03	-8.679173e-04
## SPAC27D7.08c	1.784253e-04	4.406194e-04	-5.125099e-04	5.029919e-04
## SPAC27D7.09c	4.401359e-03	-4.834213e-03	-1.360903e-02	7.373278e-03
## SPAC27D7.11c	3.030803e-03	-4.162010e-03	7.518023e-03	1.491658e-03
##	[,13]	[,14]	[,15]	[,16]
## SPAC212.11	1.201190e-04	-1.734868e-04	1.600772e-04	-4.512236e-05
## SPAC212.09c	-5.797567e-04	-1.275628e-04	3.132030e-04	4.073237e-04
## SPNCRNA.70	1.405541e-06	-6.213472e-06	-5.204724e-06	9.458898e-07
## SPAC212.12	4.097756e-05	2.710104e-06	1.989282e-05	1.161319e-07
## SPAC212.04c	3.606865e-04	1.460537e-03	-3.558687e-04	-1.275269e-04
## SPAC212.03	-7.098760e-06	-5.125858e-07	6.033257e-06	7.175852e-06
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	6.189437e-05	-8.251825e-05	-2.902835e-06	-9.168162e-05
## SPAC977.03	-5.671412e-06	-1.274479e-06	1.294019e-05	7.329521e-06
## SPAC977.04	1.953428e-05	-3.208259e-06	-2.916383e-06	-3.584191e-06
## SPAC977.05c	1.491997e-05	-5.392603e-06	-7.910203e-06	5.961572e-06
## SPNCRNA.136	4.511727e-06	-7.483775e-06	-2.291201e-06	7.297290e-06
## SPNCRNA.601	-3.084077e-05	-6.950143e-06	-3.876324e-04	-6.467110e-05
## SPAC977.07c	-3.948985e-06	-7.936563e-06	-1.928591e-05	1.699434e-06
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC977.11	2.078009e-04	-1.098692e-04	-1.904478e-04	9.013723e-04
## SPAC977.13c	5.060554e-04	-4.031460e-04	-1.340159e-04	1.190795e-03
## SPAC977.15	4.374782e-04	-3.000356e-04	-4.849113e-05	-4.045559e-04
## SPAC977.16c	1.252479e-03	-5.208724e-04	-2.967434e-04	7.837824e-05
## SPNCRNA.37	-2.351008e-05	-9.064453e-06	2.904899e-05	4.729385e-05
## SPAPJ695.01c	1.437912e-05	-2.698723e-05	3.838299e-05	8.369041e-06
## SPNCRNA.76	1.101383e-05	1.584055e-06	9.516438e-05	-8.296829e-05
## SPNCRNA.603	3.657481e-05	-3.606486e-05	5.156392e-05	-3.884565e-05
## SPNCRNA.607	-1.065846e-05	6.750253e-04	-5.588815e-04	1.504898e-03
## SPAC1F8.06	9.620202e-05	6.765964e-04	-4.409780e-04	2.119505e-03
## SPAC1F8.08	1.185734e-03	-1.945484e-05	-3.232016e-04	1.334272e-03
## SPAC11D3.19	3.232048e-04	-4.890618e-04	-1.391792e-04	3.807390e-05
## SPAC11D3.01c	-5.184040e-03	-2.248914e-03	-1.421500e-03	1.392173e-04
## SPNCRNA.608	1.454043e-04	-4.970657e-04	-6.760165e-04	4.733858e-04
## SPAC11D3.02c	8.480969e-03	1.491188e-03	-1.762153e-03	3.443266e-03
## SPAC11D3.03c	-5.507800e-05	5.058978e-04	-1.511057e-06	5.721281e-05
## SPAC11D3.05	4.191216e-04	3.471336e-03	-1.000096e-03	-5.128432e-03
## SPAC11D3.07c	9.009722e-04	2.923276e-04	-2.359532e-03	7.494672e-03
## SPAC11D3.08c	3.853432e-03	-3.344755e-04	-2.981786e-03	6.521324e-03
## SPAC11D3.11c	-1.003898e-03	1.096305e-04	-2.124156e-03	1.186141e-03
## SPAC11D3.14c	9.994461e-04	2.918766e-05	-2.232042e-03	1.629118e-03
## SPNCRNA.609	-5.110067e-06	-4.584849e-04	-1.370137e-03	2.671203e-03
## SPNCRNA.147	1.338021e-05	1.251499e-05	-5.494990e-05	2.504965e-05
## SPNCRNA.610	-4.466155e-05	-3.005078e-05	-8.201857e-05	2.914024e-05
## SPAC11D3.16c	1.716622e-03	3.957463e-05	-3.959634e-04	2.923565e-03
## SPAC11D3.18c	-5.960344e-06	-1.463302e-04	-3.535113e-04	6.015880e-05
## SPNCRNA.612	-2.991439e-04	-1.739512e-04	-3.508542e-04	1.158704e-03
## SPAC5H10.01	-2.191001e-04	9.767184e-05	-2.277567e-04	-2.579573e-04
## SPAC5H10.03	1.844902e-02	4.099861e-03	-8.116798e-03	-9.716678e-03
## SPAC5H10.04	3.563391e-04	-1.385024e-03	-1.411879e-06	-1.111435e-03
## SPAC5H10.06c	3.854036e-03	5.178507e-04	6.706926e-05	3.452313e-03
## SPAC5H10.08c	2.341673e-03	7.874730e-04	-1.347809e-03	5.218809e-03
## SPAC5H10.09c	5.556972e-04	-1.960719e-03	-2.584258e-04	1.684932e-04
## SPAC5H10.10	6.196321e-03	1.442891e-03	-1.612428e-03	-3.932908e-04
## SPAC5H10.11	9.008321e-05	1.683884e-04	-2.505592e-04	1.389211e-04
## SPAC5H10.12c	1.058764e-03	1.186495e-03	-2.202596e-04	9.977592e-03
## SPAC5H10.13c	3.026829e-03	-1.033538e-03	-3.917026e-03	1.034161e-02
## SPNCRNA.617	2.288235e-04	1.373282e-04	4.768255e-05	3.996311e-04
## SPAC13G6.01c	-4.413922e-03	-5.480557e-04	-1.157446e-03	7.551546e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	-2.157937e-03	8.624859e-04	1.054516e-03	3.444770e-03
## SPNCRNA.618	-4.397152e-05	-4.625154e-04	3.215089e-05	1.742031e-04
## SPNCRNA.620	5.891290e-05	-2.194326e-04	6.996685e-05	5.144426e-05
## SPAC13G6.14	3.838105e-03	7.120333e-04	-3.281330e-03	7.277061e-03
## SPAC13G6.15c	-1.387910e-04	5.612519e-06	-6.915772e-04	8.431216e-04
## SPNCRNA.621	1.744096e-04	-2.813708e-04	-1.549652e-05	5.062608e-04
## SPAC24B11.05	1.593824e-03	3.524784e-04	-9.340038e-04	2.271755e-03
## SPAC24B11.08c	-4.634561e-04	-1.181651e-03	-5.821859e-04	8.897474e-04
## SPNCRNA.142	1.432380e-05	6.255616e-06	-1.885350e-05	3.885916e-05
## SPAC24B11.09	-4.717020e-04	8.189361e-05	-1.534178e-03	-3.659813e-04
## SPAC24B11.11c	-2.068957e-03	-1.539562e-03	4.627568e-04	8.005803e-03
## SPAC24B11.12c	1.024722e-02	-1.435108e-03	-2.521911e-03	1.116441e-02
## SPNCRNA.624	-5.798045e-04	3.019626e-04	-2.949930e-05	-2.819393e-04
## SPAC806.02c	-2.970843e-03	-3.301187e-04	3.969284e-03	-1.487024e-04

## SPNCRNA.625	-1.906859e-04	-2.492152e-04	-7.658580e-05	1.131456e-04
## SPAC806.11	-1.475833e-04	-7.663659e-05	1.355345e-04	-2.467632e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	4.278406e-04	1.332545e-04	4.491565e-04	-3.663278e-05
## SPNCRNA.627	-7.427520e-05	7.888294e-05	7.764050e-05	-7.434463e-05
## SPNCRNA.628	-8.931316e-05	1.257684e-04	-1.664064e-05	-1.558909e-05
## SPAC806.06c	1.970104e-03	-4.207372e-03	-2.132767e-03	5.363628e-03
## SPAC806.07	-4.156819e-03	-4.295740e-03	4.442946e-04	8.420105e-07
## SPNCRNA.630	2.262084e-04	2.352015e-05	-6.891631e-04	3.736649e-04
## SPAC1F5.11c	5.623635e-03	-3.833509e-03	-3.021274e-03	1.207915e-02
## SPNCRNA.632	2.886429e-05	-3.240306e-05	1.930625e-06	2.912137e-05
## SPNCRNA.633	-6.478082e-05	-9.438574e-05	-7.022564e-05	-3.835866e-05
## SPAC1F5.07c	-1.767155e-03	-7.427483e-04	-1.277529e-03	2.860015e-03
## SPAC1F5.04c	1.538933e-03	-1.530102e-03	-4.329381e-03	7.000947e-03
## SPAC1F5.02	-2.537519e-03	7.800973e-04	1.295249e-02	6.054315e-04
## SPNCRNA.148	2.414379e-05	9.760557e-07	1.428757e-05	2.529085e-05
## SPAC18B11.10	3.514933e-03	6.459706e-04	-1.926174e-03	1.374999e-02
## SPNCRNA.27	-4.185383e-06	3.010818e-06	4.896927e-06	-4.011946e-06
## SPNCRNA.635	4.636176e-06	-6.445996e-05	-8.225107e-05	3.080328e-05
## SPAC18B11.09c	3.007755e-05	7.063979e-04	5.408997e-04	6.311643e-04
## SPAC18B11.08c	1.095141e-03	-7.026219e-04	-3.394360e-04	7.390622e-04
## SPAC18B11.07c	6.395010e-04	-1.935742e-03	5.460851e-04	1.685061e-03
## SPAC18B11.04	3.300587e-04	8.533581e-05	-8.715979e-04	9.565360e-04
## SPNCRNA.636	-8.202689e-05	4.466510e-04	-8.303972e-04	9.068384e-04
## SPAC18B11.02c	-6.618901e-04	-1.844032e-03	-1.250706e-03	-5.502016e-05
## SPAC12G12.15	-5.606803e-04	-2.845945e-04	-1.914512e-04	1.223966e-03
## SPNCRNA.637	-1.834100e-05	2.956452e-04	-1.313465e-04	3.452543e-04
## SPAC12G12.14c	-2.763507e-04	1.033677e-03	2.780682e-04	2.717030e-03
## SPNCRNA.638	-4.880751e-05	1.500218e-06	-2.483144e-05	4.873381e-05
## SPAC12G12.10	3.375274e-05	2.201459e-03	-1.593773e-03	6.937177e-03
## SPAC12G12.09	4.478399e-04	1.651804e-04	-1.455836e-03	7.272381e-03
## SPAC12G12.06c	-3.754323e-04	1.676008e-03	2.677206e-03	2.777318e-03
## SPNCRNA.639	1.474690e-05	-7.298270e-06	-4.679583e-05	5.082658e-05
## SPAC12G12.03	2.294049e-03	-1.288983e-03	-1.790486e-03	3.683328e-03
## SPAC630.05	1.222699e-03	-2.104123e-03	-3.972180e-04	5.588621e-03
## SPAC630.15	4.093993e-04	-3.903572e-04	-2.467415e-04	4.740377e-04
## SPATRNPAPRO.01	8.003009e-04	-2.065639e-03	7.906466e-04	-3.621055e-04
## SPAC630.11	-1.632860e-03	1.528886e-03	1.900697e-04	2.197895e-03
## SPAC630.12	-1.231825e-03	9.162254e-04	7.390292e-04	3.338620e-03
## SPAC630.13c	-1.083117e-03	-1.049400e-03	-1.797034e-03	4.913681e-03
## SPAC630.14c	-5.605210e-04	-2.270536e-03	-9.885102e-04	8.231655e-03
## SPAC1751.01c	1.414379e-03	-3.781108e-04	-5.291883e-04	1.601184e-04
## SPAC1751.04	1.011589e-04	-6.717067e-04	-1.598704e-03	2.433813e-03
## SPAC1751.02c	1.937836e-04	-1.224646e-03	-1.195163e-04	3.112682e-03
## SPAC31A2.02	1.305645e-03	-6.964437e-04	2.583905e-04	-1.989158e-03
## SPNCRNA.643	-1.286115e-04	-5.749446e-05	8.703652e-05	-1.842399e-04
## SPAC31A2.03	-9.701446e-04	-3.263024e-04	-7.530113e-04	4.321442e-04
## SPAC31A2.04c	-1.026135e-03	-1.480301e-03	8.455634e-04	1.107620e-03
## SPAC31A2.06	9.769088e-04	1.087822e-03	-1.341825e-03	2.804959e-03
## SPAC31A2.07c	-1.447634e-04	-5.246420e-03	2.044362e-03	-5.376995e-04
## SPAC31A2.09c	-9.815111e-05	1.064242e-03	-6.910706e-04	2.074035e-03
## SPAC31A2.11c	1.041632e-04	-1.596181e-03	6.106743e-04	3.591970e-03
## SPAC31A2.12	2.594497e-03	7.231546e-04	-3.219741e-03	4.270809e-03
## SPAC31A2.13c	-1.028978e-03	-2.027446e-03	4.591061e-05	3.122797e-04

## SPAC31A2.14	1.127454e-03	2.952238e-04	-2.065449e-03	5.504700e-03
## SPAC31A2.16	5.098118e-04	7.757801e-04	-2.494446e-03	3.526793e-03
## SPAC13C5.01c	4.903306e-03	-5.844929e-03	2.501967e-03	5.262080e-04
## SPNCRNA.644	-1.404625e-04	-4.179806e-05	-6.362006e-05	-1.125049e-04
## SPAC13C5.04	3.117467e-03	-5.463284e-03	1.019255e-03	1.289089e-02
## SPNCRNA.645	4.796049e-04	-1.538979e-05	-3.292832e-04	4.971919e-04
## SPAC13C5.05c	-1.421305e-03	-2.504178e-03	-4.098363e-05	1.666329e-03
## SPAC13C5.06c	6.464744e-04	-9.740146e-04	1.351637e-03	-2.617056e-05
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	1.938013e-02	-9.592046e-02	1.835678e-02	-7.855976e-02
## SPAC23E2.02	9.250212e-04	-2.189216e-03	-6.362659e-05	3.452068e-03
## SPRRNA.11	-7.717448e-03	-2.317132e-02	1.129473e-03	-6.147781e-03
## SPAC24H6.12c	1.293353e-03	9.175971e-04	6.134956e-04	5.928791e-03
## SPAC24H6.11c	1.422802e-03	1.004978e-03	-4.820067e-03	8.844709e-03
## SPNCRNA.652	-1.266422e-04	-2.290669e-04	-4.332241e-05	8.696136e-04
## SPAC24H6.09	-1.213365e-03	-9.451154e-04	-2.298918e-03	6.571012e-04
## SPAC24H6.07	2.061077e-02	-1.354221e-02	-2.044070e-02	1.704442e-03
## SPAC24H6.06	-6.764883e-04	-1.869505e-03	3.517676e-04	-1.004419e-03
## SPAC24H6.04	1.260694e-03	8.195218e-03	-3.098417e-03	-1.187580e-03
## SPNCRNA.653	-6.471154e-05	1.302396e-04	-1.205531e-04	1.019374e-04
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	-1.895268e-04	-1.579811e-04	-9.500434e-04	4.589305e-04
## SPNCRNA.654	1.756157e-05	5.007229e-05	-1.960183e-04	4.069099e-06
## SPAC24H6.01c	-3.997207e-04	6.017058e-04	-2.232989e-04	1.544090e-03
## SPAC227.19c	-8.029884e-05	-1.085929e-04	3.488994e-04	7.493878e-04
## SPNCRNA.655	7.858164e-04	-2.171294e-04	-1.010443e-03	1.796988e-03
## SPAC227.05	7.624681e-04	-9.103200e-04	-1.155718e-03	2.308332e-03
## SPAC227.06	-1.432072e-04	-1.259909e-03	9.571190e-04	2.097897e-04
## SPAC227.07c	3.215974e-03	-4.554627e-03	-3.945525e-03	4.348268e-03
## SPNCRNA.657	-2.932678e-04	-1.533352e-03	8.898075e-04	8.148215e-04
## SPAC227.08c	6.293351e-07	-8.626383e-04	-2.471936e-04	9.518573e-04
## SPAC227.09	1.187611e-04	6.808070e-05	-1.534535e-04	4.155248e-04
## SPAC227.10	-7.514541e-05	-1.758886e-03	-1.110203e-03	1.621934e-03
## SPAC227.11c	5.160315e-04	3.852693e-05	-7.679594e-04	1.261400e-03
## SPAC227.12	-1.190579e-03	-1.700277e-03	-2.208335e-05	1.932607e-03
## SPAC227.13c	1.534085e-03	1.985184e-03	-5.056570e-04	8.929060e-03
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	-1.192797e-03	-2.533560e-06	1.034310e-03	-7.841452e-04
## SPAC2F7.04	-9.091628e-04	-3.415113e-04	-1.335317e-03	2.954846e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	-4.890660e-05	5.302393e-05	9.619311e-05	2.256097e-04
## SPNCRNA.661	4.257891e-05	-5.780198e-05	2.402846e-04	1.319646e-04
## SPAC2F7.13c	9.208189e-03	-2.781955e-03	9.798231e-04	3.412005e-03
## SPAC2F7.15	-7.494494e-04	-1.615139e-03	-1.593638e-03	4.759704e-03
## SPAC13A11.01c	1.689239e-04	9.156438e-04	7.131568e-04	5.032122e-03
## SPAC13A11.03	3.187882e-03	-3.414057e-03	-2.484016e-03	2.513836e-02
## SPAC13A11.04c	-1.444372e-03	2.748546e-04	-2.667927e-04	1.958470e-03
## SPAC13A11.05	1.974767e-03	-1.150850e-03	6.927203e-04	-5.549693e-03
## SPAC3H8.02	-6.381394e-04	-1.662401e-03	-4.602852e-03	8.813469e-03
## SPAC3H8.03	-5.554996e-04	2.380060e-04	2.354182e-04	-1.389173e-04
## SPNCRNA.663	3.137833e-05	-3.179451e-04	-1.563572e-04	6.554379e-07

## SPAC3H8.04	3.740838e-03	6.872985e-04	3.202958e-04	2.624657e-03
## SPNCRNA.156	4.219252e-05	3.735812e-06	-3.177308e-05	1.839990e-06
## SPAC3H8.08c	-2.959177e-04	2.101629e-04	-8.317078e-04	4.412896e-03
## SPNCRNA.667	-2.788133e-05	9.052811e-05	-1.331390e-05	3.037090e-04
## SPAC3H8.10	4.349733e-03	-4.165064e-03	2.509816e-03	3.805792e-03
## SPAC1F3.01	8.306991e-04	-2.130251e-03	-4.213094e-04	9.035857e-04
## SPAC1F3.02c	-1.634485e-03	-2.653770e-03	-2.134059e-03	4.614312e-03
## SPAC1F3.03	-1.173529e-03	-9.330256e-04	-1.057769e-03	2.037798e-03
## SPAC1F3.04c	-1.540512e-03	-2.356163e-03	-2.185953e-03	1.738652e-03
## SPAC1F3.05	-1.123478e-04	1.966657e-04	-7.608806e-04	2.681627e-03
## SPAC1F3.06c	8.224371e-03	-7.306434e-03	1.735753e-03	7.597995e-03
## SPAC1D4.01	2.602607e-04	1.185834e-04	-9.986231e-04	8.485616e-04
## SPAC1D4.02c	1.432810e-03	-5.859440e-04	-1.120016e-03	2.011931e-03
## SPAC1D4.03c	2.123810e-05	1.820637e-05	-2.140425e-04	1.102457e-03
## SPNCRNA.670	-1.261653e-04	3.138331e-04	1.020079e-04	-1.121030e-04
## SPAC1D4.05c	-1.972066e-04	8.619661e-04	1.277305e-03	2.188278e-03
## SPAC1D4.07c	-9.439418e-05	-6.475327e-05	-1.190839e-04	4.366841e-04
## SPAC1D4.10	-5.646131e-04	-7.212161e-05	-1.360513e-03	3.113136e-03
## SPNCRNA.671	-3.338627e-05	-2.953697e-04	-7.639109e-04	1.069539e-03
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	6.719024e-04	-2.489540e-05	-1.568833e-03	4.054108e-03
## SPAC1D4.14	-1.069715e-03	-4.715811e-03	-2.201986e-03	6.417180e-03
## SPAC22F3.13	-2.617726e-04	-1.998968e-03	-2.288000e-03	2.896537e-03
## SPNCRNA.675	-1.699098e-04	-6.192161e-05	-1.904326e-04	-4.631034e-08
## SPNCRNA.158	2.411681e-05	3.523296e-05	-1.610858e-05	-2.132596e-06
## SPAC22F3.11c	4.769368e-05	-5.049501e-05	-6.042200e-04	4.908309e-04
## SPAC22F3.10c	-7.958171e-04	-5.052070e-03	-3.345864e-04	4.964900e-03
## SPAC22F3.08c	-1.585169e-03	-2.281980e-03	5.608842e-04	-1.338169e-03
## SPAC22F3.07c	1.266466e-03	-4.131276e-04	1.113296e-03	1.641916e-03
## SPAC22F3.05c	-3.875900e-04	-2.019792e-03	-1.204452e-03	2.828066e-03
## SPNCRNA.676	-4.422247e-05	-1.667860e-05	1.432712e-05	5.643508e-05
## SPAC22F3.03c	7.890894e-04	3.454273e-04	-8.907133e-04	1.099414e-03
## SPAC1296.03c	-2.552751e-04	5.836591e-04	-4.706283e-04	-9.672466e-05
## SPAC1296.04	-5.155454e-04	-3.193416e-04	-4.176145e-04	1.809380e-03
## SPAC1296.05c	-1.203662e-03	-7.758506e-04	1.131723e-03	-2.063204e-03
## SPAPJ696.02	-3.854277e-03	-4.568950e-03	6.115835e-04	2.236339e-03
## SPAC22G7.01c	1.744900e-03	-2.536093e-03	1.361269e-03	-9.696066e-04
## SPNCRNA.677	2.702210e-04	-4.446922e-04	2.733952e-05	8.551553e-04
## SPAC22G7.03	-3.703051e-04	5.925886e-05	5.782327e-05	3.991837e-04
## SPNCRNA.678	9.757108e-05	4.143661e-04	-3.598402e-04	1.514342e-04
## SPAC22G7.05	2.220824e-03	-2.842783e-03	1.394802e-04	2.145008e-03
## SPAC22G7.09c	-1.598365e-03	-2.405600e-03	-2.250105e-03	5.853825e-03
## SPAC22G7.10	-1.924915e-04	-1.800191e-03	4.331518e-04	1.611949e-03
## SPAC4G8.02c	7.523903e-04	-3.788585e-03	6.130587e-04	1.498929e-03
## SPAC4G8.03c	4.400216e-04	-4.672463e-04	-7.711832e-04	2.037695e-03
## SPAC4G8.06c	6.689233e-04	-2.106425e-03	6.140604e-04	-6.205514e-04
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-6.162985e-05	-2.225814e-04	-1.913620e-04	-3.210526e-04
## SPAC4G8.11c	-4.621385e-04	-3.977229e-04	4.686045e-04	7.653461e-04
## SPAC4G8.12c	7.858852e-04	-1.666650e-04	-6.756301e-04	1.860412e-03
## SPAC4G8.13c	9.028822e-04	7.003006e-04	-2.997645e-03	7.297521e-03
## SPAC16C9.05	3.815809e-04	1.382025e-03	-2.520010e-03	4.449489e-03
## SPAC2G11.02	7.406503e-04	8.448279e-04	-5.334437e-03	6.022315e-03
## SPAC2G11.03c	-8.468259e-04	5.192977e-04	-1.719132e-03	1.785533e-03

## SPAC2G11.06	3.905818e-04	-1.704910e-04	-9.423298e-04	1.273076e-03
## SPNCRNA.688	-1.853187e-04	7.195741e-05	-5.858821e-04	-3.201066e-04
## SPAC2G11.07c	3.890239e-03	-1.779538e-03	-1.059199e-03	-2.791638e-03
## SPAC2G11.09	1.815165e-03	1.372591e-03	-3.484447e-03	6.819891e-03
## SPAC2G11.12	2.109730e-04	-1.276565e-03	-2.732797e-03	1.058865e-02
## SPNCRNA.691	4.546571e-05	4.561144e-05	-1.005908e-04	2.326332e-05
## SPNCRNA.692	2.025397e-04	2.827869e-04	-4.549567e-04	1.166237e-04
## SPAC521.02	-9.973710e-04	-2.497183e-03	-5.693064e-04	3.098533e-03
## SPAC521.03	2.211452e-03	1.383872e-02	-1.332751e-02	6.862608e-03
## SPAC521.05	3.248254e-02	-5.235935e-03	-1.142464e-02	3.983274e-02
## SPAC23G3.01	-8.021824e-03	-1.419000e-02	7.331788e-03	2.876039e-03
## SPNCRNA.694	6.296976e-05	-1.342900e-04	-1.112313e-05	6.581020e-05
## SPAC23G3.04	-2.560420e-04	-6.769602e-04	-3.652684e-04	1.399113e-03
## SPAC23G3.06	1.451468e-02	-9.036461e-03	3.023797e-03	5.542577e-03
## SPAC23G3.07c	8.658284e-04	-3.869429e-04	-3.915384e-04	2.265748e-03
## SPAC23G3.08c	-5.903984e-04	4.771890e-04	-1.803153e-03	4.924423e-03
## SPAC23G3.10c	9.211621e-04	1.316089e-04	-1.413469e-03	5.617795e-03
## SPAC22H12.01c	2.087463e-03	-2.960110e-03	4.783715e-04	2.220559e-03
## SPAC22H12.02	2.729283e-03	-4.416953e-03	-3.902623e-03	4.850284e-03
## SPAC22H12.05c	2.989977e-04	-1.558982e-03	-4.816278e-04	-2.818830e-04
## SPAC1687.01	-1.763120e-03	2.385970e-04	-2.186222e-03	-2.270496e-03
## SPAC1687.04	-3.179931e-04	-9.472372e-04	-1.236075e-04	1.418818e-03
## SPAC1687.05	1.179594e-03	-5.355118e-04	-1.045100e-03	6.780284e-03
## SPAC1687.06c	6.566174e-03	-4.398458e-03	-2.095121e-03	9.180404e-03
## SPNCRNA.696	-1.846906e-04	-1.980518e-04	-6.110402e-05	4.344248e-05
## SPAC1687.11	-2.929535e-04	-1.040938e-02	4.451947e-03	-7.267574e-03
## SPAC1687.12c	-1.695851e-04	-1.397974e-03	2.027301e-03	-9.595295e-04
## SPAC1687.14c	1.397027e-03	8.457238e-04	9.599224e-05	-1.000510e-04
## SPAC1687.16c	1.078092e-03	-2.714214e-05	-3.736767e-04	9.570022e-04
## SPNCRNA.160	4.220682e-06	4.349765e-05	-1.826736e-05	4.745055e-05
## SPATRNAALA.01	-3.695752e-05	1.851265e-04	2.983192e-04	-9.279612e-04
## SPAC1687.17c	-8.253555e-05	-9.139483e-04	-2.280794e-04	-1.622716e-04
## SPAC1687.18c	-3.217187e-04	1.794369e-04	1.249460e-03	1.889643e-03
## SPAC1687.19c	-4.202940e-03	-3.193024e-03	2.497891e-04	-7.074287e-05
## SPAC1687.20c	-6.006826e-04	1.887189e-05	1.235065e-03	-5.948231e-04
## SPAC222.03c	2.724834e-05	-1.853290e-03	1.756253e-03	2.714009e-03
## SPAC222.19	2.704471e-04	-5.537823e-04	7.198607e-05	7.409394e-04
## SPAC222.04c	6.285992e-04	-1.750720e-03	7.052852e-04	2.894996e-03
## SPAC222.06	-2.101463e-04	-5.294249e-03	1.307888e-03	-7.909902e-04
## SPAC222.07c	5.838455e-04	-8.304385e-04	-1.668603e-03	5.334919e-03
## SPAC222.08c	1.750890e-03	-1.697218e-03	-8.054109e-04	2.998438e-03
## SPSNRNA.02	-5.971108e-02	1.998376e-01	-4.304159e-02	1.470502e-01
## SPAC222.17	-6.515318e-04	-9.574699e-04	1.281817e-04	-5.193055e-04
## SPNCRNA.701	-2.390534e-04	-4.422182e-04	2.227987e-04	-2.175526e-06
## SPAC222.15	1.539586e-04	8.132609e-05	4.717700e-05	1.644020e-04
## SPAC222.18	-9.540213e-04	1.682425e-04	-2.112225e-04	3.306271e-04
## SPAC222.16c	-5.703059e-05	-3.923167e-04	6.952263e-04	9.513455e-04
## SPAC821.05	3.829854e-03	-8.250923e-04	5.141962e-03	-6.560208e-03
## SPNCRNA.702	-1.125104e-04	-2.157157e-04	-1.530307e-04	-2.623575e-05
## SPAC821.06	-1.495941e-03	-1.958331e-03	-1.071738e-04	-1.586367e-03
## SPNCRNA.703	-2.110059e-04	1.815886e-04	-3.568034e-04	1.032681e-03
## SPAC821.08c	-9.985568e-03	-1.318425e-03	3.377169e-03	2.186225e-02
## SPAC821.09	-1.596040e-02	9.978102e-04	1.483087e-02	4.462822e-02
## SPAC821.10c	2.080811e-02	-1.508865e-02	1.010364e-02	6.340488e-02

## SPAC821.12	4.013761e-05	-3.789148e-03	-9.283334e-04	-3.003488e-04
## SPNCRNA.220	-4.802000e-05	-4.533284e-06	-1.759735e-05	6.835747e-05
## SPAC139.01c	1.653627e-03	-3.200065e-04	-4.029440e-04	1.096603e-03
## SPNCRNA.704	-4.624376e-04	-1.744144e-04	-2.709520e-04	9.012194e-04
## SPAC139.02c	5.536970e-03	1.871493e-03	-3.239324e-04	1.048187e-03
## SPAC23C4.03	-2.991012e-03	-2.955938e-03	5.545569e-04	8.977363e-03
## SPAC23C4.05c	1.389074e-03	-3.027661e-03	-4.790373e-03	4.686060e-03
## SPAC23C4.06c	8.352931e-04	9.919966e-04	-2.136273e-03	1.500332e-03
## SPAC23C4.09c	2.224327e-03	-7.467942e-04	-1.829577e-03	7.135933e-05
## SPAC23C4.10	7.242442e-04	-9.810788e-04	-8.511974e-05	2.242891e-03
## SPAC23C4.11	-3.057536e-04	-1.311307e-03	-9.079205e-05	4.972633e-03
## SPAC23C4.13	-3.991313e-04	-9.779255e-04	1.986715e-03	-2.095462e-03
## SPAC23C4.14	-1.424206e-04	-1.535208e-03	-1.072716e-04	1.419472e-03
## SPAC23C4.15	8.846672e-04	-2.077483e-03	-1.934111e-03	6.898790e-03
## SPAC23C4.17	-1.951794e-03	-1.817030e-03	-9.911227e-04	1.459076e-03
## SPAC23C4.18c	8.362278e-04	-9.501149e-04	-3.336026e-04	3.922449e-03
## SPAC1A6.01c	-7.361793e-04	-1.988043e-03	1.706277e-04	1.477176e-03
## SPAC1A6.02	3.754484e-04	2.248830e-04	-1.198190e-04	3.458216e-03
## SPAC1A6.03c	-1.917933e-03	-1.596010e-03	-4.654896e-03	1.676657e-02
## SPAC1A6.04c	-2.137657e-02	3.431589e-03	-8.427553e-03	1.078293e-03
## SPNCRNA.710	2.759293e-04	-4.849872e-06	-2.700379e-04	2.300936e-04
## SPAC1A6.06c	2.053314e-04	-5.843629e-05	-2.507676e-04	1.056896e-04
## SPAC1A6.08c	-2.759691e-04	-2.410489e-04	-3.554544e-04	-3.586255e-04
## SPAC30D11.14c	-1.883177e-03	-1.868756e-03	-8.887234e-04	2.628726e-03
## SPATRNASER.01	2.268991e-03	-4.223865e-04	-3.448621e-03	4.850445e-03
## SPATRNAMET.01	-2.221640e-04	2.901281e-04	-3.486566e-04	8.474136e-05
## SPNCRNA.711	-3.335519e-04	-2.231316e-04	2.639892e-04	-3.304773e-04
## SPAC30D11.07	3.985902e-05	-4.495386e-04	-8.709137e-04	1.204383e-03
## SPAC30D11.06c	-4.858692e-04	6.253720e-04	-5.031153e-04	6.911116e-04
## SPAC30D11.05	-1.297625e-03	7.059900e-04	-1.666932e-03	1.516812e-03
## SPAC30D11.02c	1.969019e-04	6.583046e-05	5.750506e-05	-2.105303e-04
## SPAC56F8.02	-1.084580e-03	-3.109366e-03	-1.156708e-03	4.272929e-03
## SPAC56F8.04c	-2.268612e-04	-6.118691e-04	-1.527715e-04	-1.206298e-03
## SPAC56F8.06c	3.910176e-04	-1.056561e-04	-6.143011e-04	2.807257e-03
## SPAC56F8.09	-3.033667e-04	7.805012e-04	-1.867750e-03	1.097889e-03
## SPNCRNA.716	7.364498e-04	1.455920e-04	-1.123872e-03	1.540185e-03
## SPAC56F8.12	-1.082907e-04	-1.252513e-04	-8.942760e-05	-3.009717e-04
## SPAC56F8.16	1.284395e-03	-4.479286e-04	-1.308001e-03	9.127572e-03
## SPAC22A12.02c	-1.330832e-04	1.131122e-05	3.931769e-05	-2.216503e-05
## SPAC22A12.04c	-3.473269e-04	-1.409839e-02	-9.910229e-03	7.190282e-04
## SPNCRNA.717	-3.576401e-06	2.551477e-05	1.389768e-04	2.240807e-05
## SPAC22A12.07c	-7.442511e-03	1.100746e-03	1.700940e-03	8.401046e-03
## SPAC22A12.08c	-3.088660e-03	-3.491602e-03	4.361258e-03	2.481438e-03
## SPAC22A12.10	-2.969165e-03	9.529182e-04	3.127694e-03	-1.818344e-03
## SPAC22A12.09c	6.329490e-04	-3.905995e-04	-5.178471e-04	1.170184e-03
## SPAC22A12.11	-1.102781e-02	-3.664456e-03	-4.577323e-03	7.134855e-03
## SPAC22A12.12c	-1.712879e-03	-7.735523e-04	-8.263840e-04	6.277783e-04
## SPAC22A12.14c	-3.413459e-04	-6.615078e-04	4.730334e-04	-5.456014e-04
## SPNCRNA.719	-2.614974e-05	1.814077e-05	2.795090e-05	6.913975e-05
## SPAC22A12.17c	1.455350e-02	-2.492355e-02	-2.808667e-02	7.731911e-02
## SPNCRNA.168	-5.465455e-05	7.467521e-05	2.033942e-05	-1.173220e-04
## SPNCRNA.720	-4.796383e-05	3.968113e-04	-5.111381e-04	3.664277e-04
## SPNCRNA.721	5.481830e-04	-1.967307e-04	1.516994e-04	2.550502e-04
## SPAC4C5.02c	6.642201e-04	-3.947418e-04	5.064331e-04	9.499557e-04

## SPAC4C5.03	1.063990e-03	-1.829612e-03	-9.806956e-04	2.278218e-03
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	2.836145e-02	-1.365073e-02	4.256269e-03	-2.514952e-03
## SPNCRNA.724	-1.279112e-04	1.046513e-03	-6.114089e-04	6.165613e-04
## SPAC10F6.02c	-2.854318e-03	-1.786014e-03	-1.334011e-03	3.177898e-03
## SPAC10F6.05c	-6.791759e-04	1.498571e-03	8.344136e-04	6.361503e-04
## SPNCRNA.725	-2.236564e-04	9.944694e-04	-8.237070e-04	3.231555e-05
## SPAC10F6.10	-3.754364e-04	-8.844123e-04	1.663553e-03	-3.293362e-04
## SPNCRNA.726	-3.696031e-04	2.179704e-04	9.016489e-05	2.503227e-04
## SPAC10F6.15	6.508978e-05	4.951901e-04	2.734177e-04	-4.016325e-05
## SPNCRNA.432	-3.011025e-05	-1.691854e-05	1.119359e-04	-8.653745e-05
## SPAC10F6.17c	2.140157e-04	1.487094e-03	-9.715760e-04	2.114911e-03
## SPAC56E4.03	-4.287609e-03	7.726984e-04	-6.485930e-03	1.684257e-03
## SPAC56E4.07	1.644861e-03	-1.024205e-03	-8.690137e-04	2.194182e-03
## SPNCRNA.730	4.108988e-06	1.651772e-04	-8.880064e-05	2.537731e-04
## SPAC1420.02c	8.879245e-03	-5.896213e-03	2.177752e-03	-4.979139e-03
## SPAC1420.03	1.669901e-03	5.625628e-04	2.100475e-03	-4.602775e-04
## SPAC1420.04c	-1.803945e-05	-3.073755e-05	1.034489e-04	4.873805e-05
## SPNCRNA.731	-8.222285e-05	-4.174000e-05	6.094966e-05	-8.587002e-05
## SPAPB17E12.02	9.954989e-05	2.143852e-04	2.911929e-04	3.804497e-04
## SPAPB17E12.03	-5.132361e-04	7.078839e-04	-9.790107e-04	3.202271e-03
## SPAPB17E12.05	2.182089e-02	-6.239299e-03	7.720046e-03	5.404626e-03
## SPAPB17E12.11	-1.967055e-03	-2.904279e-03	-2.432199e-04	2.220527e-03
## SPNCRNA.732	1.548681e-04	1.350661e-04	9.333422e-06	2.450000e-04
## SPNCRNA.733	-2.267698e-05	-1.424834e-04	-3.435015e-04	3.819331e-04
## SPAC1565.03	3.682516e-04	7.628361e-05	-4.284356e-04	2.123646e-04
## SPAC1565.05	-1.047514e-03	4.578775e-04	-2.906504e-03	3.831084e-03
## SPAC1565.06c	5.099165e-04	-1.179644e-03	1.230525e-03	-1.189496e-03
## SPAC1565.07c	-7.792438e-04	-1.993527e-03	-2.397055e-03	4.240446e-03
## SPATRNAPRO.02	-5.694509e-02	-2.648815e-01	1.351817e-01	4.176505e-02
## SPSNORNA.53	3.592777e-03	-1.552621e-02	-7.431962e-03	5.352536e-03
## SPAC6F12.06	3.319069e-03	-5.730062e-04	-2.445136e-03	-6.181113e-06
## SPAC6F12.07	8.349987e-07	-1.291833e-03	-9.425122e-04	-1.618395e-05
## SPAC6F12.08c	4.630071e-04	-4.387837e-04	-1.772885e-03	2.533383e-03
## SPAC6F12.09	1.152304e-03	-1.013880e-03	-9.876501e-04	5.101233e-03
## SPAC6F12.12	-6.210781e-04	1.813267e-04	-3.951812e-04	3.046220e-03
## SPAC6F12.13c	1.335770e-03	-5.717025e-03	-8.851334e-04	8.920898e-04
## SPAC6F12.15c	1.784803e-03	-8.714476e-04	-9.037300e-04	3.907556e-03
## SPAC19E9.01c	-1.444088e-03	1.535561e-03	4.540185e-04	2.191605e-03
## SPAC19E9.02	-1.253264e-03	-1.894551e-03	5.697089e-04	1.224083e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	2.190703e-04	6.934731e-05	-7.394228e-05	3.659100e-05
## SPAC19E9.03	3.115818e-03	4.473725e-03	-6.704492e-03	1.106837e-02
## SPAC57A10.03	6.530520e-04	6.553048e-04	-4.679035e-04	8.763567e-04
## SPAC57A10.05c	1.744492e-03	-4.711513e-04	-1.304486e-03	4.851836e-03
## SPAC57A10.06	6.955277e-05	-2.063633e-04	-5.513370e-05	1.981716e-04
## SPAC57A10.07	-5.977143e-04	-1.287734e-04	-1.605240e-03	3.505628e-03
## SPAC57A10.08c	-2.268062e-04	-1.093071e-04	5.911587e-05	-2.960026e-04
## SPAC57A10.09c	-1.561588e-05	-5.376712e-03	9.806693e-05	-4.845608e-03
## SPAC57A10.12c	-4.817995e-03	-7.956269e-03	1.974691e-03	-5.834906e-03
## SPAC20G8.04c	1.269350e-03	-5.567858e-03	-4.713312e-03	3.299498e-03
## SPAC20G8.05c	-6.647627e-03	-2.552711e-03	4.503063e-03	6.104451e-03
## SPAC20G8.06	-3.032786e-03	-7.888326e-04	-8.855521e-03	2.595438e-02

## SPAC20G8.08c	-2.460589e-03	-8.131849e-04	-2.189848e-03	5.508364e-03
## SPAC20G8.09c	5.384814e-04	-6.534084e-03	9.672668e-04	-3.032179e-03
## SPAC20G8.10c	-2.390740e-05	1.524643e-04	-7.897394e-05	7.716862e-04
## SPAC3A12.04c	-5.892248e-04	-8.611829e-04	-1.208394e-03	6.830114e-04
## SPAC3A12.19	1.735459e-04	-2.489035e-04	-5.313150e-04	-6.210150e-04
## SPAC3A12.07	-7.313613e-04	-6.498140e-04	-1.822961e-03	2.467328e-03
## SPNCRNA.741	-1.197369e-04	-1.153247e-04	4.232789e-05	-1.068897e-04
## SPAC3A12.11c	-5.332982e-04	-4.010287e-03	-8.280045e-04	6.955945e-03
## SPAC3A12.14	-3.318135e-03	-4.954591e-04	4.042003e-03	3.560627e-03
## SPAC3A12.15	-1.133329e-03	-1.773566e-03	-3.520464e-03	5.355208e-03
## SPSNORNA.48	-5.623125e-06	1.632399e-05	-1.738024e-05	2.314675e-05
## SPAC3A12.18	-1.540563e-02	-2.521939e-03	-2.679669e-03	5.481424e-03
## SPAC9.03c	-4.586684e-03	-9.852100e-04	-7.548527e-04	7.194896e-03
## SPAC9.05	-3.313869e-04	-8.202238e-04	1.162411e-04	2.571410e-03
## SPAC9.06c	4.289526e-04	-9.262975e-04	6.699098e-04	4.444671e-04
## SPAC9.08c	6.989611e-04	1.021521e-03	-1.440236e-03	2.701390e-03
## SPAC9.09	7.554534e-02	1.577525e-03	-1.116604e-02	8.815466e-03
## SPNCRNA.743	1.951289e-04	3.156814e-07	-2.510029e-04	5.899407e-04
## SPAC9.10	1.247348e-03	-1.415731e-04	-1.370065e-03	3.591599e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	1.132478e-03	-1.982967e-03	1.144965e-04	3.223570e-03
## SPAC5D6.10c	1.713421e-05	7.195707e-05	-2.907456e-05	-2.865513e-05
## SPAC5D6.09c	2.672434e-04	2.791465e-04	4.767437e-05	1.616304e-03
## SPAC5D6.07c	3.000157e-04	-1.096642e-04	-4.840665e-04	8.527236e-04
## SPAC5D6.04	1.295737e-03	-2.260788e-03	-1.217305e-03	4.690893e-03
## SPAC5D6.02c	-2.477994e-04	-4.058336e-04	-3.361455e-04	8.596279e-04
## SPAC57A7.10c	-1.083171e-03	-5.340761e-03	2.852166e-03	-2.884048e-03
## SPNCRNA.174	3.828565e-05	1.910212e-05	-7.527135e-05	5.202509e-05
## SPAC57A7.08	-1.572060e-03	-5.512369e-03	-2.408749e-03	4.102098e-03
## SPAC57A7.06	2.378146e-04	-4.525564e-03	-5.126346e-03	5.496353e-03
## SPAC57A7.04c	2.221905e-02	-6.917678e-03	-3.437674e-03	2.045597e-02
## SPAC167.07c	1.782272e-03	-1.223365e-03	-2.996851e-03	6.127958e-03
## SPAC167.05	2.710256e-04	-1.130782e-03	-9.229361e-04	1.618866e-03
## SPAC167.04	-5.260714e-04	7.756208e-04	-8.908104e-04	1.084842e-03
## SPAC167.09	-1.904627e-04	-2.660055e-04	-1.385715e-04	4.758049e-04
## SPAC167.08	4.460594e-05	-2.799102e-05	-1.733392e-05	-3.795693e-05
## SPAC1705.03c	-2.072624e-02	-3.883409e-03	2.049424e-02	1.717705e-02
## SPNCRNA.80	-1.905541e-05	-2.074853e-06	6.575273e-05	9.016938e-06
## SPNCRNA.745	4.807039e-05	8.724488e-05	-1.752505e-04	1.245623e-04
## SPNCRNA.81	-3.247558e-06	1.039741e-06	2.400781e-07	3.631887e-06
## SPAC23H4.17c	-2.894531e-04	-5.110722e-05	5.379704e-04	1.530413e-03
## SPAC23H4.16c	8.328622e-04	2.274730e-04	-1.441657e-03	1.525286e-03
## SPAC23H4.15	8.112589e-04	-3.885580e-03	1.198394e-03	-4.080585e-03
## SPAC23H4.21	-7.269481e-04	-4.615755e-05	-1.772708e-04	5.019741e-04
## SPAC23H4.13c	-5.484223e-04	-5.810202e-04	3.045503e-04	1.989556e-03
## SPAC23H4.12	3.202653e-04	-2.757080e-03	-1.908148e-04	8.203702e-04
## SPAC23H4.08	1.049225e-03	-6.735408e-04	1.426644e-03	-1.237763e-04
## SPAC23H4.07c	7.425210e-04	-6.128629e-04	8.113214e-04	2.414857e-03
## SPAC23H4.05c	1.820854e-04	8.649441e-05	-1.407476e-04	3.211170e-05
## SPNCRNA.746	5.663768e-05	8.415397e-05	3.547884e-05	1.794333e-04
## SPAC23H4.04	3.344797e-04	-8.993155e-04	-1.722466e-03	3.397440e-03
## SPATRNNATHR.01	6.632332e-03	-9.343708e-03	2.778366e-03	-2.003107e-02
## SPNCRNA.747	-1.816531e-04	-3.662189e-04	-3.974979e-05	1.035640e-04
## SPAP27G11.03	-8.265525e-05	-5.528301e-04	3.366621e-04	5.181964e-04

## SPAP27G11.05c	7.850598e-04	-3.125780e-04	-1.633979e-03	2.875728e-03
## SPNCRNA.749	-2.658842e-05	-2.199219e-04	2.632594e-04	-9.179814e-05
## SPAP27G11.09c	-9.604095e-05	1.955498e-04	-9.231131e-04	2.126340e-03
## SPAP27G11.14c	4.567879e-04	-5.553603e-04	2.257687e-04	1.936481e-03
## SPAP27G11.15	-5.656447e-04	1.127306e-03	-1.351454e-04	1.267644e-03
## SPAC343.01c	5.254277e-04	-2.699605e-03	-2.785169e-04	2.544874e-03
## SPAC343.03	-3.374540e-04	-5.615350e-04	-2.270939e-04	2.255996e-04
## SPAC343.04c	-2.225527e-05	-2.021828e-03	-5.715291e-04	1.098931e-03
## SPAC343.05	3.155038e-03	-3.972294e-03	1.435728e-03	-7.977864e-04
## SPAC343.08c	1.778674e-03	-1.040874e-03	-1.506124e-03	4.492582e-03
## SPAC343.07	-6.771713e-05	5.007242e-05	4.950467e-06	8.907072e-05
## SPNCRNA.752	3.556229e-04	5.824619e-04	-4.999113e-04	3.117151e-04
## SPAC343.10	1.606152e-03	-1.783549e-03	-1.547151e-03	4.068276e-03
## SPAC343.11c	-7.712758e-04	-6.275648e-04	-1.786839e-03	5.190197e-03
## SPAC343.20	-2.859271e-03	-3.069528e-03	1.114680e-03	-6.399233e-03
## SPAC343.17c	2.196453e-03	-8.518979e-04	-1.318780e-03	3.343810e-03
## SPAC343.15	2.258052e-04	-7.069103e-04	-1.721870e-04	6.373996e-05
## SPNCRNA.754	-1.652091e-06	-2.317053e-06	-2.355363e-06	1.237343e-06
## SPAC824.04	-8.435979e-04	-5.992177e-04	-9.741080e-05	4.555627e-03
## SPAC824.05	2.024955e-03	6.233373e-04	-7.790936e-04	2.765471e-03
## SPAC824.07	-1.545092e-03	-3.462561e-03	7.666293e-04	6.149586e-03
## SPAC824.08	2.656732e-04	9.049065e-05	-4.413189e-04	3.175892e-03
## SPATRNLAYS.01	-1.402371e-03	6.757139e-05	9.141999e-04	1.967230e-03
## SPAC664.03	-1.674751e-03	-3.738205e-03	3.001410e-03	-3.861518e-04
## SPAC664.04c	1.553305e-02	-1.110696e-03	-2.342632e-03	1.113780e-02
## SPAC664.07c	-2.425931e-04	-2.107292e-04	-1.185006e-03	2.633915e-03
## SPAC664.08c	-4.779121e-03	-4.092578e-03	1.393712e-03	-4.633161e-03
## SPAC664.09	-4.677504e-04	-4.243311e-03	-2.144887e-03	5.015298e-03
## SPAC664.10	1.111000e-03	-2.350330e-03	-2.507739e-03	7.207102e-03
## SPAC664.11	4.687484e-02	-5.324046e-04	-2.102923e-02	-3.031557e-02
## SPAC664.12c	-2.625672e-04	-8.620801e-04	-7.749778e-04	2.762510e-03
## SPAC664.14	2.567074e-03	5.349558e-03	-2.191963e-03	6.484545e-04
## SPNCRNA.758	1.928217e-05	-4.036265e-05	-1.040079e-04	4.943414e-05
## SPACUNK12.02c	-4.168273e-04	-1.326218e-03	-6.731557e-04	1.273131e-03
## SPAC105.01c	-3.971397e-05	5.675341e-04	-7.924213e-04	4.912261e-04
## SPAC17A5.18c	6.320999e-04	-3.904046e-04	1.645028e-04	3.342628e-04
## SPAC17A5.02c	3.799517e-04	-9.799092e-04	-2.688514e-04	1.893639e-03
## SPAC17A5.03	5.527660e-03	-5.505044e-03	2.730947e-03	-2.029264e-03
## SPAC17A5.04c	-7.276348e-04	-6.764690e-04	-9.752839e-04	2.815657e-03
## SPAC17A5.19	-4.635766e-04	-3.330933e-04	7.065103e-05	3.585440e-04
## SPAC17A5.06	8.079438e-04	5.182275e-04	-2.069216e-03	5.631866e-03
## SPAC17A5.08	1.446477e-03	-3.723537e-04	2.199835e-03	2.308688e-03
## SPAC17A5.10	7.609851e-04	-6.049549e-04	-2.640058e-04	4.635452e-04
## SPAC17A5.11	-6.576420e-06	-1.221520e-04	-1.230389e-04	2.556508e-04
## SPAC17A5.12	4.930344e-04	-2.540784e-03	-1.816508e-03	3.496599e-03
## SPAC17A5.14	1.066073e-03	-6.927855e-03	-2.558178e-03	6.389915e-03
## SPAC17A5.16	-1.749742e-03	-3.567839e-04	-7.964452e-05	9.574155e-04
## SPAC1610.01	3.197326e-04	8.309871e-05	-4.463300e-04	7.647470e-04
## SPAC1610.02c	-9.327339e-04	-3.238960e-04	-1.633295e-03	1.735586e-03
## SPAC1610.03c	-1.633415e-04	2.647155e-04	-1.393610e-05	-2.569449e-04
## SPAC1610.04	-1.000275e-03	-2.616133e-04	-4.203412e-05	1.544549e-03
## SPAC1002.02	5.687078e-05	-4.593638e-05	-4.801992e-04	1.770983e-03
## SPAC1002.03c	-1.330928e-03	4.591006e-04	5.027331e-04	4.782223e-03
## SPAC1002.04c	1.350761e-03	-7.866910e-04	-1.744830e-03	4.114016e-03

## SPAC1002.05c	2.444496e-04	-9.035680e-04	-1.809932e-04	3.202748e-03
## SPAC1002.09c	1.620675e-02	2.447949e-03	-6.516757e-03	-8.663558e-03
## SPAC1002.12c	4.555323e-03	-1.193543e-03	5.480373e-04	1.243298e-03
## SPAC1002.20	-1.837964e-04	3.667892e-04	2.749143e-06	-1.461732e-03
## SPAC1002.19	-8.010949e-03	2.031844e-02	-1.900800e-02	-3.043000e-04
## SPAC1399.04c	1.916830e-03	1.956726e-03	-1.269002e-03	2.736216e-03
## SPAC1399.03	2.448372e-03	-5.657560e-04	-2.920906e-03	5.290130e-03
## SPAC1399.01c	-2.526673e-04	5.947474e-04	-5.844800e-04	2.133479e-03
## SPAP11E10.02c	3.816499e-04	-1.104877e-04	-3.922791e-04	1.392602e-03
## SPAPB1A10.02	5.183018e-04	-2.860584e-04	3.901112e-05	9.380336e-04
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	5.505778e-04	-3.596837e-03	2.646888e-03	7.787128e-05
## SPAPB1A10.07c	1.782115e-03	1.433233e-03	-1.227201e-03	4.033175e-03
## SPNCRNA.767	-4.228211e-04	1.829807e-04	1.254439e-04	-2.203256e-04
## SPNCRNA.768	4.841938e-04	-1.735958e-04	1.395638e-04	5.227571e-04
## SPAPB1A10.08	3.855894e-05	-3.265146e-04	-1.263060e-04	-1.997174e-04
## SPAPB1A10.10c	-3.059063e-04	8.213715e-06	-1.738196e-03	2.609113e-03
## SPAPB1A10.11c	-2.503761e-04	2.163345e-06	6.146774e-04	1.033116e-03
## SPAPB1A10.12c	-3.242426e-03	-9.078341e-05	9.158167e-04	-3.563616e-04
## SPNCRNA.769	-2.284082e-04	-4.733709e-04	4.876707e-05	2.146852e-04
## SPNCRNA.770	4.541034e-05	3.499755e-05	4.552448e-05	-1.661968e-04
## SPAC140.02	-1.001174e-02	2.641558e-03	4.221277e-02	-6.965378e-02
## SPNCRNA.771	1.513829e-04	8.381312e-04	-1.187666e-04	5.880796e-04
## SPAC140.04	6.948127e-04	-5.818551e-04	-5.036373e-04	6.513278e-04
## SPAC110.02	1.390238e-03	-1.032305e-03	-1.281038e-03	2.009331e-03
## SPNCRNA.773	-9.579002e-06	1.153986e-04	1.147523e-04	2.503170e-04
## SPAC110.04c	1.616523e-02	-1.742389e-02	-7.185244e-04	-7.754053e-03
## SPAP14E8.02	-4.572409e-03	6.989720e-04	9.032063e-04	8.091777e-03
## SPAP14E8.03	2.108069e-03	-1.184689e-03	-1.489177e-03	2.341689e-03
## SPAP14E8.04	-5.493346e-04	-3.421088e-04	-1.000193e-04	1.068180e-03
## SPAP14E8.05c	-1.521596e-03	-4.183870e-04	-1.823007e-03	2.619251e-03
## SPAC3H1.03	-4.317685e-04	-8.632092e-04	-2.123501e-04	1.400923e-03
## SPNCRNA.775	1.978556e-05	-2.789302e-05	-8.974557e-05	2.067084e-05
## SPAC3H1.08c	4.155544e-04	4.780893e-05	-4.085772e-04	1.017774e-03
## SPNCRNA.776	-1.267520e-04	1.259129e-04	-1.595500e-04	4.860913e-04
## SPAC3H1.10	1.139735e-03	4.727472e-04	-1.295627e-03	3.219327e-03
## SPNCRNA.778	-1.850027e-04	2.372358e-04	-4.178205e-05	-2.776559e-04
## SPNCRNA.779	3.547793e-04	1.466993e-04	-7.542412e-04	9.399107e-04
## SPNCRNA.780	4.312802e-04	1.437579e-04	2.386193e-04	9.442054e-05
## SPNCRNA.782	4.171277e-04	1.519522e-04	9.643713e-05	5.393937e-04
## SPAC3H1.11	5.757952e-03	-6.540668e-04	-4.995804e-03	2.003451e-02
## SPAC3H1.14	9.121903e-05	8.733741e-04	-1.150496e-03	2.802659e-03
## SPAC9G1.05	-5.173184e-03	4.830546e-03	1.579256e-03	1.040034e-02
## SPAC9G1.06c	9.765908e-04	-1.854460e-03	-1.632122e-03	3.773572e-03
## SPAC9G1.07	-1.288389e-04	-4.701893e-04	-5.447006e-04	7.410754e-04
## SPAC9G1.11c	-2.065900e-04	-1.571942e-03	-8.040388e-04	5.254650e-03
## SPAC9G1.12	-1.264076e-03	-2.300201e-03	-6.235142e-04	-3.870009e-04
## SPAC767.01c	-2.573459e-03	-1.065536e-02	1.094496e-03	6.986369e-03
## SPNCRNA.786	-2.726924e-04	2.085561e-04	-2.729433e-04	4.245485e-04
## SPAC17H9.01	8.646815e-04	-4.218503e-03	-8.603954e-04	5.123379e-03
## SPAC17H9.05	-1.881354e-03	-6.439863e-03	-5.040307e-03	3.770589e-03
## SPAC17H9.06c	8.700428e-04	-2.034946e-05	-1.484263e-03	2.647243e-03
## SPAC17H9.07	1.430701e-03	-1.678854e-03	-3.069461e-03	3.198197e-03
## SPAC17H9.08	-2.207981e-03	2.631493e-04	-4.354060e-05	7.095654e-05

## SPAC17H9.11	4.808670e-04	9.405929e-04	-1.030902e-03	1.202802e-03
## SPNCRNA.788	-1.445075e-05	-2.411903e-05	-3.733933e-05	3.380667e-05
## SPAC17H9.18c	4.028918e-05	4.494376e-05	2.450694e-05	-2.318182e-05
## SPAC17H9.19c	-6.412665e-04	-3.087495e-04	5.637327e-04	2.742008e-04
## SPAC607.02c	4.473902e-04	-5.872257e-04	-7.705867e-04	8.757218e-05
## SPNCRNA.789	8.897293e-05	-4.794478e-05	-6.587141e-05	5.735114e-04
## SPAC607.07c	-5.909365e-04	7.567827e-04	-7.527313e-04	2.919485e-03
## SPAC607.08c	-9.317896e-04	-1.185653e-03	-4.597588e-04	1.235551e-03
## SPNCRNA.186	-5.099548e-06	-1.307105e-05	1.004258e-05	-1.138135e-05
## SPAC607.10	1.268875e-03	2.769609e-04	-2.142344e-03	1.967615e-03
## SPNCRNA.790	-5.757857e-06	4.140307e-06	-8.321490e-06	1.715444e-05
## SPAC3C7.01c	-2.341828e-03	9.344775e-04	-7.960990e-04	2.611094e-03
## SPAC3C7.03c	-2.755133e-04	6.321751e-04	-7.019633e-04	2.426041e-03
## SPAC3C7.04	-3.938056e-04	1.564720e-03	-5.661820e-06	6.031464e-03
## SPAC3C7.05c	1.017835e-02	1.148277e-04	2.054716e-03	9.238701e-03
## SPAC3C7.06c	-4.134355e-04	-1.417903e-03	-1.128208e-03	2.909448e-03
## SPAC3C7.07c	-6.190837e-04	3.082449e-04	-1.439716e-05	2.917803e-03
## SPAC3C7.10	8.305106e-05	-1.952920e-04	1.786478e-04	-4.749146e-04
## SPAC3C7.11c	-7.372331e-03	-3.276080e-03	-5.435431e-03	-1.071034e-02
## SPAC3C7.12	1.114502e-03	-2.552289e-04	-1.515936e-03	6.305631e-03
## SPAC3C7.13c	-1.131549e-03	-9.286436e-04	-4.068655e-04	6.969288e-04
## SPNCRNA.792	3.372731e-04	1.254124e-04	2.187696e-04	-7.566766e-05
## SPAC3C7.14c	-6.907406e-02	4.416538e-02	3.380152e-02	-2.461517e-02
## SPAC25A8.01c	6.534596e-03	7.700504e-04	-1.985336e-03	5.715295e-03
## SPAC631.01c	-2.414399e-03	6.685874e-04	-5.550516e-04	8.975049e-04
## SPAC20H4.01	-2.734560e-03	-2.254658e-03	-8.842349e-04	1.588321e-03
## SPNCRNA.795	5.466614e-05	1.395744e-04	-9.726516e-05	-5.762068e-05
## SPAC20H4.05c	1.034059e-03	-1.064978e-03	1.307022e-03	-2.563558e-04
## SPAC20H4.06c	4.285873e-04	-7.251178e-04	-1.727621e-03	2.436303e-03
## SPAC20H4.07	2.990310e-04	8.124779e-04	-3.860451e-04	3.283490e-03
## SPNCRNA.796	-6.505134e-05	-2.309896e-04	6.517788e-06	-2.414207e-04
## SPAC20H4.11c	-6.437788e-04	-2.035561e-04	2.329174e-05	1.103965e-04
## SPAC23C11.02c	1.408907e-02	-4.554252e-02	-3.114115e-02	-3.329750e-04
## SPAC23C11.06c	1.675109e-03	5.745422e-04	-5.129649e-03	1.111120e-02
## SPNCRNA.798	-1.501031e-04	-7.646689e-04	1.981381e-04	-3.259852e-04
## SPAC23C11.07	-6.186916e-05	-1.222314e-04	9.234696e-05	-2.488977e-04
## SPAC23C11.12	-3.846258e-04	-2.299510e-04	-1.091932e-04	-5.002018e-05
## SPAC23C11.13c	5.823006e-04	-6.712745e-04	-2.815485e-05	1.729667e-03
## SPNCRNA.187	-4.981790e-05	-4.265019e-05	3.933068e-05	6.808827e-05
## SPAC23C11.16	-7.805392e-04	-6.160492e-04	-6.899620e-04	2.922426e-03
## SPAC13F5.03c	2.221745e-04	-4.108262e-05	-7.466883e-04	4.248067e-04
## SPAC13F5.04c	5.267458e-04	2.055421e-04	2.505446e-04	6.988331e-04
## SPAC13F5.05	-2.222188e-04	3.237533e-05	-6.848003e-04	1.642999e-03
## SPAC1783.01	1.235073e-03	-1.843333e-03	-1.417907e-03	3.958823e-03
## SPAC1783.03	-6.524592e-04	-2.909380e-04	-7.894530e-04	2.780719e-03
## SPAC1783.05	-4.917661e-03	-3.693642e-03	-8.255801e-04	3.741779e-03
## SPAC18G6.03	3.839539e-03	-6.773839e-05	4.256192e-03	3.960422e-03
## SPNCRNA.805	-1.537532e-05	-3.393477e-05	3.732492e-05	-4.751729e-05
## SPNCRNA.188	5.437622e-05	-5.028672e-05	-1.542372e-04	9.784895e-06
## SPAC18G6.15	-2.167127e-03	-1.489854e-04	2.519808e-04	2.911621e-03
## SPAC13D6.01	-4.336896e-04	9.191086e-04	1.253288e-04	1.580748e-03
## SPNCRNA.807	2.562436e-04	4.873504e-04	4.999004e-04	-1.416345e-03
## SPAC13D6.03c	-6.971991e-05	-1.003725e-03	-8.830935e-04	2.222510e-03
## SPAC4G9.04c	1.000205e-03	-1.283492e-03	-1.593801e-03	2.381441e-03

## SPAC4G9.03	4.081377e-03	-3.875256e-03	-3.695653e-03	-1.054964e-03
## SPAC4G9.05	-4.069868e-04	2.073921e-04	1.351936e-04	1.325290e-04
## SPAC4G9.06c	1.674886e-03	-1.535696e-03	-7.726656e-04	9.499548e-04
## SPNCRNA.808	2.019464e-04	-1.683948e-04	-1.338516e-04	3.755154e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	8.417608e-03	-4.090230e-03	-1.682725e-03	6.736233e-04
## SPAC4G9.10	3.043927e-03	2.333909e-03	2.820640e-04	-9.278001e-04
## SPAC4G9.11c	2.370529e-04	-1.950439e-03	9.496286e-04	4.655044e-04
## SPAC4G9.12	-1.048725e-03	-3.589965e-03	-1.428164e-03	2.229137e-03
## SPAC4G9.14	1.063009e-03	1.415328e-03	-8.818292e-04	2.515382e-03
## SPAC4G9.15	-1.603671e-03	-1.156189e-03	4.321879e-03	-2.049743e-03
## SPNCRNA.809	-1.289608e-04	1.852486e-04	-3.655530e-05	2.331306e-04
## SPAC4G9.19	1.114306e-04	1.422275e-04	-9.873812e-04	8.929871e-04
## SPAC4G9.20c	8.555357e-04	6.209315e-04	-3.729816e-04	2.760711e-03
## SPNCRNA.810	5.445489e-04	2.234624e-04	1.648048e-04	1.053727e-04
## SPAC13G7.01c	2.428038e-03	-3.314212e-03	-1.352675e-03	5.008985e-03
## SPAC13G7.02c	1.448597e-02	-1.011302e-02	-2.585676e-02	4.548615e-02
## SPAC13G7.03	-2.215438e-04	-3.618515e-04	5.536308e-05	5.740675e-04
## SPAC13G7.04c	-2.296643e-05	-4.750824e-04	-6.986966e-04	2.045283e-03
## SPAC13G7.05	8.196682e-04	-7.387101e-04	-1.065109e-03	4.509153e-03
## SPAC13G7.06	-2.266247e-03	-3.091493e-03	-2.216002e-03	1.489999e-03
## SPAC13G7.10	3.779188e-04	-1.286272e-03	2.232267e-04	1.001113e-03
## SPAC13G7.12c	1.436800e-04	3.295136e-04	-1.336861e-03	2.631521e-03
## SPAC13G7.13c	-4.778634e-04	1.091576e-03	-6.365550e-04	1.451029e-03
## SPNCRNA.812	8.396354e-04	4.127083e-04	-9.996494e-04	2.357768e-04
## SPNCRNA.813	8.105235e-04	4.206217e-04	-3.074553e-05	5.157308e-04
## SPAC6C3.03c	7.762045e-05	6.183616e-05	-7.441153e-05	-4.271158e-05
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	1.461429e-04	2.108144e-05	2.963909e-04	2.273561e-04
## SPNCRNA.815	-1.007846e-05	-1.899173e-04	1.387302e-04	1.984376e-04
## SPAC6C3.08	1.642923e-03	-1.601480e-03	-4.825446e-04	1.824934e-04
## SPAC6C3.09	3.090810e-04	-6.654335e-04	8.103948e-04	4.211748e-04
## SPNCRNA.816	-9.777842e-05	2.388240e-04	1.036540e-05	-3.593318e-05
## SPAC17G8.03c	-1.608825e-03	-1.690801e-03	3.688889e-04	1.235737e-03
## SPAC17G8.15	2.084468e-04	1.734717e-04	-3.432100e-04	4.613136e-04
## SPAC17G8.04c	7.679832e-05	-1.320591e-03	1.288023e-03	-1.909200e-03
## SPAC17G8.06c	3.967676e-02	3.391172e-03	2.836971e-03	-2.811031e-02
## SPAC17G8.08c	-9.556477e-04	-1.013632e-03	-6.266355e-05	7.561100e-04
## SPAC17G8.11c	8.884515e-04	-6.593924e-04	-3.684385e-03	5.388138e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	7.408872e-04	-5.205968e-04	4.527635e-04	1.469314e-03
## SPAC17G8.14c	-9.619021e-04	4.230792e-04	-4.729207e-04	-8.175822e-06
## SPNCRNA.818	-5.142833e-06	-3.039812e-05	-3.545210e-05	1.866310e-05
## SPAC22H10.02	2.830946e-04	2.750946e-04	-3.225286e-04	7.596575e-04
## SPNCRNA.820	7.116462e-05	-1.740976e-04	7.221747e-06	-2.664197e-06
## SPAC22H10.04	-3.230071e-04	6.902316e-04	-8.831311e-04	2.299157e-03
## SPAC22H10.05c	4.323562e-03	-6.908665e-04	2.211816e-04	-5.139631e-04
## SPAC22H10.06c	-9.743122e-06	3.272825e-06	-4.560690e-06	8.344425e-06
## SPAC22H10.07	1.114919e-03	7.765864e-05	-1.363267e-03	3.664307e-03
## SPAC22H10.08	-2.800348e-04	-1.948281e-04	-1.152455e-03	2.802180e-03
## SPAC22H10.11c	-1.773122e-03	-3.132951e-03	1.892872e-03	-2.935120e-03

## SPAC22H10.12c	2.959026e-03	-1.335328e-02	4.435399e-03	6.710701e-04
## SPAC15F9.01c	7.941315e-05	-2.708833e-05	-3.334122e-05	1.345753e-04
## SPNCRNA.822	2.452693e-06	1.932660e-05	-1.489043e-07	1.449157e-05
## SPNCRNA.193	6.692105e-06	1.129269e-05	-2.445396e-05	-1.733723e-05
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	3.415678e-03	1.981162e-04	-3.177311e-03	4.127926e-03
## SPAC6B12.04c	-1.498841e-03	-1.674235e-03	3.397530e-04	1.104896e-03
## SPNCRNA.824	-8.783079e-05	1.031547e-05	2.389321e-05	-9.668600e-05
## SPAC6B12.05c	-6.432287e-04	-2.427207e-03	-3.655944e-03	5.565254e-03
## SPAC6B12.06c	-5.636344e-04	-8.069809e-04	-1.519627e-05	5.360002e-05
## SPNCRNA.194	4.886675e-05	-1.324395e-04	1.181507e-04	-6.548474e-05
## SPNCRNA.825	5.680030e-05	7.792084e-06	3.181672e-05	-2.640927e-04
## SPAC6B12.19	-8.980675e-05	1.623413e-04	-1.989859e-04	8.016782e-05
## SPAC6B12.09	-2.602488e-04	-1.577869e-03	-1.602409e-03	-1.013801e-03
## SPAC6B12.10c	-3.465683e-04	-9.789707e-04	-3.150713e-04	6.980681e-04
## SPAC6B12.11	-4.664227e-04	-6.883768e-04	-1.661921e-03	1.626967e-03
## SPNCRNA.43	5.290512e-05	-1.686149e-05	-2.292709e-05	2.097152e-05
## SPATRNATHR.02	-1.203250e-04	-3.408571e-03	4.112982e-03	-4.212567e-03
## SPAC6B12.12	7.795376e-04	-7.143068e-03	1.372259e-02	-1.591377e-02
## SPAC6B12.14c	5.810884e-04	2.939348e-04	-4.305773e-04	5.694514e-04
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	-2.272780e-06	-1.421656e-06	-1.605680e-05	-8.082095e-06
## SPAC6B12.16	7.190949e-05	1.338365e-04	-8.413158e-05	1.949880e-04
## SPNCRNA.827	-1.226587e-04	-1.691558e-04	1.484990e-04	1.887262e-04
## SPAC32A11.04c	8.336848e-03	-1.049945e-02	-6.701503e-04	-4.783949e-03
## SPAC32A11.01	1.309418e-03	9.436580e-04	-8.844064e-04	2.677514e-03
## SPAC32A11.03c	1.926643e-03	-1.119266e-03	-1.115360e-03	7.547543e-03
## SPAC19A8.15	4.986432e-03	-5.241703e-03	-2.381312e-03	-6.601974e-03
## SPAC19A8.14	4.598996e-04	-2.432988e-03	-1.183993e-03	1.202112e-03
## SPAC19A8.16	5.612945e-03	-3.360832e-03	1.301682e-03	6.245213e-03
## SPAC19A8.06	-1.005731e-04	1.105851e-03	-6.120655e-04	1.971408e-03
## SPAC23H3.02c	1.265533e-04	-2.062266e-03	9.764801e-04	-7.580013e-04
## SPAC23H3.03c	-4.394097e-04	1.958961e-04	-1.965782e-03	2.649546e-03
## SPNCRNA.558	-1.524749e-05	1.242858e-06	1.348178e-05	1.600037e-05
## SPNCRNA.830	1.092393e-04	1.391354e-04	-1.729602e-04	7.377498e-05
## SPAC23H3.07c	3.738504e-04	-1.183966e-03	-1.215363e-03	2.286968e-03
## SPAC23H3.09c	1.615900e-02	5.167121e-03	-1.132179e-03	-7.842597e-03
## SPATRNACYS.02	1.782130e-04	1.323866e-03	-8.749555e-04	-4.165199e-03
## SPAC23H3.10	1.343723e-03	-6.231449e-04	3.947151e-04	3.624019e-03
## SPAC23H3.11c	-4.872915e-04	2.746670e-04	-4.775337e-04	1.735828e-03
## SPAC23H3.12c	-6.801746e-04	-3.498764e-04	-1.075607e-03	1.298106e-03
## SPAC23H3.14	-6.574370e-04	-9.997463e-04	2.474164e-04	3.171414e-04
## SPNCRNA.832	-7.063102e-05	6.325556e-05	-4.784488e-05	-1.865317e-04
## SPAC25H1.02	-1.058101e-05	-6.288618e-05	-6.033981e-04	1.813478e-03
## SPAC25H1.03	3.200161e-04	-2.109496e-03	1.045871e-03	-4.247134e-03
## SPAC25H1.10c	5.816663e-04	-1.774185e-04	-5.814417e-04	3.215859e-03
## SPAC25H1.09	-4.994328e-04	8.563591e-04	4.010813e-04	-4.934355e-05
## SPAC4A8.02c	-1.731794e-03	-1.182889e-03	6.539585e-04	-3.516118e-04
## SPAC4A8.03c	-1.826951e-04	-2.228611e-04	-1.300024e-03	4.361415e-03
## SPNCRNA.834	1.706892e-04	3.787067e-05	1.286384e-04	2.755637e-05
## SPNCRNA.835	6.791901e-05	3.940216e-05	-4.255280e-05	2.602905e-05
## SPAC4A8.06c	9.781650e-05	4.274034e-04	-4.224025e-03	1.281690e-02
## SPAC4A8.09c	1.908291e-03	-1.529740e-03	-3.479038e-03	2.783823e-03
## SPAC4A8.11c	4.760386e-02	-2.230275e-02	-1.669974e-02	-7.064234e-03

## SPAC4A8.13c	-1.936465e-03	7.047980e-04	2.769927e-03	3.105077e-03
## SPAC4A8.15c	-5.786886e-03	-9.726762e-04	2.732455e-03	4.293071e-03
## SPAC4A8.16c	5.395723e-03	-2.657470e-02	1.306125e-02	-3.423843e-02
## SPNCRNA.840	-2.981663e-04	-1.494937e-04	4.963393e-04	-1.870535e-03
## SPAC823.02	-2.603964e-03	-2.322771e-03	-1.576942e-03	6.480340e-03
## SPAC823.04	-2.041311e-04	-1.533471e-04	-1.370242e-03	9.794108e-04
## SPAC823.05c	1.781351e-03	1.314027e-03	-1.877304e-03	7.986510e-03
## SPAC823.06	2.352948e-05	-2.125617e-04	-3.646926e-04	7.885969e-04
## SPAC823.08c	4.150230e-05	-1.579183e-03	-2.910975e-04	2.514946e-03
## SPAC823.09c	3.316969e-04	-9.432900e-04	-6.252861e-04	-1.713538e-04
## SPAC823.10c	-2.232797e-04	4.250333e-04	1.987364e-04	1.997656e-03
## SPAC823.15	6.730391e-04	-8.035208e-04	1.074444e-04	1.939886e-03
## SPAC7D4.13c	-1.002664e-03	-1.109890e-03	2.165123e-04	6.268064e-04
## SPAC7D4.12c	5.224269e-04	1.648147e-04	-2.376392e-03	2.652715e-03
## SPAC7D4.10	-3.026677e-04	-6.048120e-04	1.538170e-05	8.497652e-04
## SPNCRNA.842	-4.353919e-06	-3.890228e-05	6.021933e-05	-5.206556e-05
## SPAC7D4.15c	-2.849521e-04	2.782015e-04	-2.594701e-04	-9.619155e-05
## SPAC7D4.07c	-3.750595e-03	-9.360241e-04	8.535193e-03	-1.358420e-02
## SPSNORNA.12	-2.235790e-02	1.210899e-02	-5.856779e-03	3.198853e-02
## SPAC7D4.05	-1.321177e-03	8.382860e-04	7.070863e-04	2.270555e-03
## SPAC7D4.02c	5.670770e-04	-4.929784e-04	-7.249294e-04	1.151394e-03
## SPAC4F8.13c	2.500934e-03	-1.726321e-03	-2.470221e-03	1.869239e-02
## SPAC4F8.11	-1.317031e-04	-7.280000e-04	-1.928836e-03	2.629638e-03
## SPAC4F8.08	-1.042319e-04	-5.599687e-05	-8.617459e-05	-1.303253e-04
## SPNCRNA.201	-2.844934e-05	-4.252893e-05	5.081917e-05	-8.240955e-05
## SPAC4F8.06	-4.997993e-04	-1.074391e-03	-1.613725e-04	5.372062e-05
## SPAC4F8.05c	1.023277e-03	-1.654894e-03	-1.063964e-03	6.430983e-04
## SPAC4F8.04	-1.752048e-03	-4.079319e-03	-1.742906e-03	-3.071130e-03
## SPAC644.06c	-2.996477e-03	-1.151652e-03	1.666856e-03	-1.359461e-03
## SPNCRNA.844	4.691298e-04	-5.239098e-04	-1.874972e-04	2.337563e-04
## SPATRNALYS.04	-2.097716e-04	4.232915e-04	-3.917868e-04	-8.608956e-04
## SPAC644.07	-1.955081e-03	-5.435382e-04	1.615053e-04	2.636680e-03
## SPAC644.09	6.839780e-04	8.867481e-04	-7.553720e-04	7.367030e-04
## SPAC644.10	-5.133808e-04	3.868707e-04	-8.750827e-05	1.203151e-03
## SPAC644.12	1.136545e-03	-3.328352e-03	-1.976566e-03	7.859567e-03
## SPAC644.13c	-4.486913e-04	1.904302e-03	2.409887e-06	2.931787e-03
## SPAC644.17c	-1.203552e-03	-2.183093e-03	-1.735725e-04	1.443824e-03
## SPNCRNA.198	-2.234635e-06	1.032294e-05	9.745894e-06	6.365256e-06
## SPAC644.18c	2.653835e-04	9.275920e-04	-1.019263e-03	1.957488e-04
## SPAPB2B4.01c	-4.164773e-04	-5.383094e-04	-7.981780e-04	7.277503e-04
## SPSNORNA.54	-1.917836e-03	-9.020144e-03	5.197151e-03	1.133240e-02
## SPNCRNA.846	1.862757e-05	-1.417092e-05	-8.353589e-05	-2.847094e-04
## SPAPB2B4.05	-1.823520e-03	-7.253686e-04	-8.585530e-05	3.172414e-03
## SPAPB2B4.06	-6.283376e-04	3.787804e-04	3.825751e-04	5.209983e-04
## SPAPB2B4.07	9.196452e-05	3.990897e-04	-8.055686e-04	2.451709e-03
## SPAC6F6.01	-1.078685e-03	2.758859e-03	-1.207480e-03	3.417215e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-9.669502e-06	6.194059e-05	-4.920981e-05	9.454231e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-3.550955e-05	-1.557999e-05	-4.066689e-05	1.789615e-04
## SPAC6F6.05	-2.119745e-03	-2.395609e-05	-1.601620e-03	1.834690e-03
## SPAC6F6.06c	-3.315883e-03	4.101253e-04	-3.521173e-03	1.736766e-02
## SPAC6F6.07c	7.292837e-03	-2.850783e-02	-9.461820e-03	1.223663e-03
## SPAC6F6.12	1.328345e-03	1.142079e-03	8.288050e-04	3.726025e-03

## SPNCRNA.850	-1.002115e-04	9.065881e-06	-1.450030e-04	-1.840543e-04
## SPNCRNA.851	-1.964527e-04	-1.838946e-05	-1.046669e-04	5.050292e-04
## SPAC6F6.19	-2.003145e-04	-1.689472e-04	-4.451537e-04	5.022047e-04
## SPAC6F6.15	-1.143493e-03	-2.173472e-03	-4.690917e-04	7.468117e-04
## SPAC6F6.16c	1.925271e-04	-1.094566e-03	3.534180e-04	1.850621e-03
## SPAC1805.01c	-7.113507e-04	-3.883423e-03	8.506713e-04	4.910198e-03
## SPAC1805.02c	1.369789e-03	-3.951235e-03	1.592465e-03	1.303597e-03
## SPAC1805.06c	2.181294e-03	-8.174644e-04	7.996903e-04	1.055966e-03
## SPNCRNA.853	1.387289e-04	8.931499e-05	1.091742e-04	1.593104e-04
## SPAC1805.07c	2.233901e-04	-6.942451e-04	-3.897127e-04	-1.506355e-04
## SPNCRNA.854	-1.437937e-04	5.254461e-05	6.392008e-04	7.693958e-04
## SPAC1805.08	-1.615450e-03	-6.019358e-04	3.069308e-04	1.705008e-04
## SPAC1805.18	-4.669056e-04	1.308081e-04	-4.613148e-04	4.691878e-04
## SPAC1805.09c	-3.171284e-04	-5.395981e-04	2.165324e-04	-9.541549e-04
## SPAC1805.10	-2.365680e-04	-1.986930e-03	5.831406e-04	2.238292e-03
## SPAC1805.12c	9.872644e-03	-2.443754e-02	7.463759e-03	2.464351e-03
## SPAC1805.13	1.234856e-02	-4.619879e-03	-1.283074e-02	9.007224e-03
## SPATRNALEU.02	-3.328339e-03	4.328516e-03	-1.202730e-03	-5.629950e-04
## SPAC1B2.02c	9.469350e-04	-1.408468e-03	-3.998589e-04	3.206541e-03
## SPAC1B2.03c	-1.985215e-03	7.094223e-04	4.221997e-03	4.100517e-03
## SPAC1B2.04	-1.037436e-03	-1.386407e-03	4.585560e-04	2.295908e-03
## SPAC1B2.05	-1.141148e-03	-7.786537e-04	-1.542845e-03	2.346169e-03
## SPAC3F10.03	1.418306e-02	-4.659356e-03	5.863385e-03	-2.149132e-03
## SPAC3F10.04	1.520678e-04	-2.982381e-03	1.440751e-03	1.744911e-03
## SPAC3F10.06c	2.698179e-04	-2.707408e-04	-1.243373e-03	3.701480e-03
## SPNCRNA.855	-6.396707e-05	1.884884e-05	2.347138e-05	-1.686749e-04
## SPAC3F10.09	-2.098387e-03	-1.635116e-03	-9.851729e-04	3.699733e-03
## SPAC3F10.11c	-6.965189e-03	-1.906384e-03	6.945117e-03	5.602146e-03
## SPATRNATHR.03	-8.049074e-06	-3.144357e-03	3.243898e-03	-5.706840e-03
## SPAC3F10.15c	-3.016444e-03	-1.848308e-03	1.454680e-03	-1.225389e-03
## SPAC3F10.13	8.986690e-04	-1.144019e-03	-1.266416e-03	3.344691e-03
## SPAC3F10.16c	-4.664970e-03	-4.628980e-03	2.010128e-03	-2.826157e-03
## SPAC3F10.17	-4.400192e-03	-2.682262e-03	-2.304934e-03	-3.895326e-04
## SPAC3F10.18c	1.820026e-03	-3.415663e-02	-3.046420e-02	3.915430e-02
## SPAC8F11.03	1.573938e-03	-2.236064e-04	-1.583726e-03	4.983510e-03
## SPNCRNA.856	1.590079e-05	-6.005264e-05	3.081069e-05	3.042574e-04
## SPAC8F11.04	-8.959140e-05	-4.444901e-03	-1.427893e-03	-2.693203e-03
## SPAC8F11.08c	-5.519429e-03	-1.123400e-02	-5.053957e-03	-5.560631e-04
## SPAC8F11.09c	1.056471e-03	-2.185813e-03	3.639555e-04	1.329331e-03
## SPNCRNA.857	1.420798e-03	1.017063e-03	-1.927827e-03	2.103554e-03
## SPACUNK4.17	3.647584e-02	-1.962498e-02	-6.746627e-02	5.958015e-02
## SPACUNK4.19	3.422056e-05	-9.042392e-05	-4.421280e-04	-3.245956e-04
## SPACUNK4.16c	6.237191e-03	-1.275743e-02	-8.059836e-03	1.672677e-02
## SPACUNK4.15	6.092792e-03	-1.518411e-03	-5.231667e-05	2.904959e-03
## SPACUNK4.14	-1.580937e-04	3.188482e-05	-4.446714e-06	1.324163e-03
## SPNCRNA.56	-2.009990e-04	-5.134746e-05	1.277924e-04	2.066312e-04
## SPACUNK4.12c	-5.726884e-03	-1.927379e-03	2.196169e-04	2.592210e-03
## SPACUNK4.11c	-3.802283e-04	-1.705041e-03	-7.068296e-04	1.605346e-03
## SPACUNK4.20	-5.970973e-05	1.020696e-04	4.391398e-05	-5.617191e-06
## SPACUNK4.09	5.601945e-04	8.057688e-05	-3.270256e-04	1.516792e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	1.127417e-03	1.255911e-03	-2.424735e-03	1.028180e-02
## SPAPYUK71.03c	-3.424433e-03	-1.077073e-02	-2.791943e-03	9.873679e-03
## SPNCRNA.209	-1.310567e-04	4.004212e-05	-1.925985e-04	4.643531e-04

## SPAC513.04	1.080609e-05	-5.258701e-05	-8.321734e-05	5.084568e-05
## SPAC513.06c	-3.875451e-03	-6.759686e-04	-2.507234e-04	2.156129e-03
## SPAC513.07	-3.537512e-03	1.442373e-03	-5.383256e-03	3.833025e-03
## SPAC2E1P3.02c	-5.760559e-05	2.375070e-04	1.456211e-05	-1.777405e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-7.809532e-05	-4.301624e-05	-3.989207e-06	-1.117395e-04
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	4.278868e-03	4.112081e-03	-8.525740e-04	2.849518e-04
## SPNCRNA.861	2.338561e-04	-2.280358e-04	-2.971801e-04	1.974171e-04
## SPNCRNA.862	1.601551e-04	4.780045e-04	-8.546915e-04	1.830118e-03
## SPNCRNA.863	3.172548e-03	1.241387e-04	-1.027707e-03	-6.752782e-04
## SPAPB24D3.01	1.508287e-04	1.969075e-03	-1.158357e-03	3.640950e-03
## SPAPB24D3.02c	-1.493513e-04	2.500112e-03	-1.559731e-03	5.839141e-03
## SPAPB24D3.03	6.953712e-04	9.063123e-04	-1.840485e-03	3.537447e-03
## SPAPB24D3.04c	4.141918e-04	-5.311788e-04	-5.972421e-04	5.973127e-04
## SPAPB24D3.07c	-1.625658e-02	-2.061423e-03	2.751468e-03	-3.148671e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	5.232122e-03	-4.891789e-03	-1.185392e-03	7.578449e-03
## SPAPB24D3.10c	-2.271100e-03	1.235927e-03	2.135014e-04	1.396301e-03
## SPNCRNA.867	2.340964e-05	3.473974e-04	-3.076741e-04	1.119506e-03
## SPNCRNA.868	9.275304e-05	1.028496e-05	-1.505190e-04	6.449772e-05
## SPNCRNA.869	-7.366191e-05	3.544369e-05	-6.136254e-05	-6.345105e-05
## SPAPB1A11.04c	1.756867e-03	7.479652e-04	-2.468317e-03	7.635057e-03
## SPAC31G5.02	-2.946651e-03	-2.113359e-03	3.008225e-04	1.330451e-04
## SPNCRNA.870	-3.303065e-05	-2.238540e-05	-2.659186e-05	-9.624857e-05
## SPAC31G5.04	9.867280e-03	1.601992e-04	5.294706e-04	-6.219518e-03
## SPAC31G5.06	2.016788e-04	-6.142682e-05	-1.478825e-05	5.668997e-04
## SPNCRNA.871	8.723925e-05	-1.283276e-04	-1.966439e-04	1.050634e-04
## SPAC31G5.08	-2.565078e-03	-1.055411e-03	-1.122437e-03	5.381555e-03
## SPNCRNA.71	1.030769e-04	-4.498272e-05	5.787327e-05	1.217554e-04
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	-4.233227e-04	-6.814908e-04	-1.437825e-03	2.042520e-03
## SPAC31G5.11	-3.988079e-03	2.592820e-03	-6.067240e-03	1.868105e-02
## SPAC31G5.21	-5.361982e-04	-8.064088e-04	2.529949e-04	5.059614e-04
## SPNCRNA.874	1.629425e-04	-6.151413e-06	2.831378e-04	-1.551651e-04
## SPAC31G5.14	-1.465207e-03	-9.486708e-04	-1.597200e-03	5.054319e-03
## SPAC31G5.16c	-1.504631e-03	-4.157814e-03	-1.285808e-04	-1.205463e-03
## SPAC31G5.18c	5.896565e-04	-3.238145e-04	9.696679e-04	4.562820e-04
## SPAC31G5.19	-1.256323e-03	-2.223196e-03	-1.945246e-03	4.362028e-03
## SPNCRNA.876	-4.305176e-05	-1.603289e-04	3.563575e-04	4.511002e-05
## SPNCRNA.877	-4.140564e-05	-7.550101e-05	-2.349963e-05	2.646508e-05
## SPAC1786.02	2.266974e-03	-2.937669e-03	-6.174497e-03	1.342364e-02
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	-1.204645e-03	1.494898e-04	-1.468144e-03	2.072096e-03
## SPAC24C9.02c	-1.057672e-03	-2.464885e-03	7.411905e-04	-2.286711e-04
## SPAC24C9.04	-9.937613e-04	-1.135858e-03	-1.276890e-03	3.644949e-03
## SPAC24C9.05c	-1.596797e-03	-3.376735e-04	-3.261112e-04	8.889707e-04
## SPAC24C9.07c	-2.638895e-04	1.072370e-03	-1.860028e-04	1.646751e-03
## SPNCRNA.881	2.072168e-04	4.730140e-05	-1.335018e-04	2.465235e-05
## SPNCRNA.882	1.948851e-05	-3.726100e-05	1.167655e-05	3.309905e-05
## SPAC24C9.08	8.093501e-03	-4.500433e-04	-4.122298e-03	1.201827e-02
## SPAC24C9.10c	-6.211116e-04	8.116079e-04	-5.848579e-04	1.373064e-03
## SPAC24C9.11	-2.589964e-03	-1.668961e-03	9.707682e-06	-1.091411e-03
## SPAC24C9.12c	9.464983e-04	-8.480820e-04	-3.027150e-03	8.081332e-03

## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	9.188110e-06	-4.890328e-04	-7.254582e-04	3.038835e-03
## SPNCRNA.884	-1.760760e-05	3.832001e-05	-2.574140e-05	-1.004255e-09
## SPATRNALYS.05	2.208494e-04	3.550397e-04	-3.061631e-04	-7.085299e-04
## SPAC16A10.05c	5.222979e-04	-2.346546e-04	-1.162144e-05	-5.622049e-04
## SPAC16A10.06c	-4.881501e-04	-2.770841e-04	-8.333934e-05	5.744478e-04
## SPAC16A10.07c	1.454611e-03	-2.840020e-03	-2.262047e-03	6.675539e-03
## SPNCRNA.885	5.361183e-05	-7.125101e-04	2.910364e-04	2.238567e-04
## SPAC16A10.08c	3.028209e-04	-6.302700e-04	2.463893e-05	-1.152360e-04
## SPAC589.03c	1.438670e-04	-7.100292e-04	6.361984e-04	8.037200e-04
## SPAC589.06c	-3.293304e-03	-2.777119e-03	-3.084452e-03	7.686686e-04
## SPAC589.08c	-4.451973e-05	1.818651e-04	-4.249985e-04	1.277539e-04
## SPAC589.11	-6.247597e-05	-1.862399e-04	1.426465e-04	5.171540e-04
## SPAC688.02c	-2.953899e-04	5.704948e-04	-5.866872e-04	2.304402e-03
## SPAC688.06c	-3.476350e-04	1.015422e-05	-4.579739e-04	3.132288e-04
## SPAC688.07c	2.384522e-03	-4.622322e-03	1.509973e-03	7.050699e-03
## SPAC688.08	-7.728826e-04	-1.881818e-03	-1.549091e-03	4.076538e-03
## SPAC688.09	-9.769957e-04	-1.860609e-03	-8.693752e-04	1.025588e-03
## SPNCRNA.888	3.733647e-04	-2.927715e-04	4.374087e-04	-4.651081e-04
## SPNCRNA.889	2.432088e-04	8.073668e-06	-1.160830e-04	1.051789e-04
## SPAC688.13	9.145671e-04	5.844181e-04	3.340204e-04	2.653393e-04
## SPNCRNA.890	-1.901734e-05	-6.814342e-05	2.605297e-04	1.646492e-04
## SPAC688.14	-3.945540e-04	-1.008483e-03	1.263178e-03	3.849796e-04
## SPAC688.16	3.667607e-04	-5.232585e-04	1.204759e-03	-1.249680e-03
## SPNCRNA.891	-1.836907e-04	-8.982363e-05	-1.398068e-04	-1.504363e-04
## SPAC3G9.15c	5.205593e-04	-8.537510e-04	-1.286883e-03	2.211533e-04
## SPNCRNA.216	-9.567501e-06	-2.235978e-05	1.732791e-06	9.337818e-07
## SPAC3G9.13c	1.950894e-04	-2.140942e-04	-7.185846e-04	2.036675e-03
## SPNCRNA.217	-2.633452e-05	-1.121553e-05	5.125253e-05	-7.961637e-05
## SPAC3G9.11c	1.159455e-04	4.385343e-05	-3.530983e-04	2.808213e-04
## SPAC3G9.17	5.418482e-04	4.248344e-04	-1.588726e-04	8.177409e-04
## SPATRNATHR.04	5.207732e-03	-1.108511e-02	1.140569e-02	-1.099534e-02
## SPNCRNA.218	-1.667565e-04	-1.810407e-04	-1.395142e-04	-2.094263e-04
## SPNCRNA.892	-3.519762e-04	4.106013e-04	-1.256581e-05	-4.047901e-04
## SPAC3G9.09c	6.247725e-03	-1.942083e-02	-5.652911e-04	-1.092137e-02
## SPAC3G9.07c	-5.734538e-04	-1.158002e-03	-1.030272e-03	4.110257e-03
## SPAC3G9.06	3.700920e-03	-1.433872e-03	7.700725e-04	-2.502953e-03
## SPAC3G9.03	3.950666e-03	7.077624e-03	3.835297e-04	-1.155656e-02
## SPAC3G9.01	-6.538880e-05	-6.692337e-04	-5.266623e-06	7.922115e-04
## SPAC1486.01	-9.401703e-03	-4.799642e-03	-4.494952e-04	7.007872e-03
## SPAC1486.05	-8.094183e-03	-2.378003e-02	-1.072672e-03	4.448279e-02
## SPNCRNA.894	-6.390910e-05	-2.012926e-05	2.525741e-04	-9.514454e-05
## SPAC1486.11	6.112928e-05	1.638173e-04	1.022539e-04	7.340035e-04
## SPAC1486.07c	-2.912890e-04	-1.149801e-03	-1.293770e-03	1.188562e-03
## SPAC1486.08	3.547333e-04	-1.966466e-03	-1.162067e-03	1.544628e-03
## SPAC1486.10	-7.178107e-04	-1.666485e-03	-3.370614e-03	8.186163e-03
## SPAC6G10.02c	-8.296102e-04	-3.673207e-03	-5.045393e-03	1.694715e-02
## SPAC6G10.03c	-8.310862e-04	-1.751571e-04	-5.316538e-04	7.175598e-04
## SPAC6G10.04c	-9.838274e-04	-7.493252e-03	3.369471e-03	-3.587584e-03
## SPAC6G10.05c	9.395538e-04	-6.080623e-03	-6.978906e-04	9.586841e-03
## SPNCRNA.896	-3.881051e-04	-7.063599e-04	1.958486e-04	-5.300498e-04
## SPAC6G10.07	-2.653940e-04	-1.506963e-03	3.311044e-04	5.955431e-03
## SPAC6G10.08	-5.390359e-03	1.207505e-03	7.120796e-03	2.712408e-03
## SPAC6G10.09	-4.774025e-03	-4.481749e-03	3.921531e-03	-1.083673e-03

## SPAC6G10.10c	5.754631e-05	-3.490799e-04	-1.650313e-04	4.499814e-04
## SPAC6G9.02c	-3.255102e-03	-2.578673e-03	2.485143e-03	1.736824e-03
## SPAC6G9.03c	-2.917355e-04	2.000215e-04	-3.850652e-04	6.863638e-04
## SPAC6G9.09c	7.524173e-03	-1.264559e-02	-2.579130e-03	6.573652e-03
## SPAC6G9.12	-3.099535e-03	-2.067595e-03	-1.271038e-03	2.681055e-03
## SPNCRNA.899	-3.835501e-05	-1.432099e-04	5.350613e-06	-1.186476e-04
## SPAC6G9.15c	9.008090e-04	6.999592e-04	-2.505518e-03	5.190886e-03
## SPAPB1E7.01c	8.146168e-04	-1.027387e-03	-2.506298e-04	4.295253e-04
## SPAC652.01	-4.412634e-04	-7.016692e-04	-1.783170e-04	2.158796e-03
## SPAPB1E7.03	9.683390e-05	-4.895137e-04	4.957200e-04	2.257587e-03
## SPAPB1E7.04c	-1.676304e-02	1.786577e-03	1.063132e-02	2.229675e-02
## SPAPB1E7.06c	3.189430e-04	-4.454575e-04	-4.424118e-04	4.021817e-04
## SPNCRNA.900	8.587231e-05	3.086546e-04	-5.143723e-05	1.128970e-04
## SPAPB1E7.07	4.362376e-02	-6.708248e-04	-7.197082e-03	-4.988476e-03
## SPNCRNA.901	9.673776e-05	6.340785e-05	7.622950e-05	-8.131258e-05
## SPSNORNA.43	1.970609e-06	-3.231391e-06	1.145343e-07	6.149693e-06
## SPAPB1E7.10	-6.126386e-04	6.351415e-05	-3.493965e-04	6.978035e-04
## SPAC2E1P5.01c	-1.200421e-03	-2.046882e-03	-1.171013e-03	8.516833e-03
## SPAC2E1P5.03	3.650172e-05	-1.196872e-03	-2.336423e-03	3.244852e-03
## SPAC2E1P5.05	-1.984957e-03	-1.654424e-03	-1.515259e-03	1.159066e-03
## SPAC26A3.02	8.037683e-04	-5.136035e-04	-1.835682e-03	7.594592e-03
## SPAC26A3.05	-1.627844e-02	-1.156853e-02	1.720367e-02	-2.929747e-02
## SPAC26A3.08	-4.091619e-04	-2.321719e-03	1.169214e-04	-2.334828e-03
## SPAC26A3.09c	-1.260006e-04	6.153904e-05	-3.559157e-04	3.182022e-03
## SPAC26A3.10	-2.218147e-03	-9.480250e-04	-1.108885e-03	9.365250e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	-1.543221e-03	-1.779455e-03	-1.008941e-03	4.013096e-03
## SPAC8E11.12	9.941867e-06	-1.304138e-04	-1.487778e-05	4.903988e-05
## SPNCRNA.903	1.000180e-04	-8.014131e-05	9.996764e-06	1.300787e-04
## SPAC8E11.08c	-8.466292e-05	1.967648e-04	-1.862983e-04	-2.244325e-04
## SPAC8E11.06	-7.396697e-05	2.363823e-05	-1.916185e-05	3.535313e-04
## SPAC8E11.04c	-4.593114e-04	1.140940e-03	2.832360e-04	2.740217e-04
## SPNCRNA.904	-2.585871e-04	-2.874232e-04	-1.373526e-05	1.371922e-03
## SPAC8E11.03c	-4.839752e-05	-1.148196e-04	-6.642644e-05	5.856652e-05
## SPAC8E11.02c	-9.023540e-03	-5.071380e-03	1.571359e-03	-3.128296e-03
## SPAC959.02	-1.249334e-03	-3.185338e-03	3.166800e-03	-3.221132e-04
## SPAC959.03c	7.349465e-04	-6.707723e-04	1.167439e-03	-1.804854e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-2.422140e-04	-2.560464e-04	-8.564853e-06	-6.609598e-04
## SPAC959.05c	-8.846823e-04	8.060790e-04	-1.434034e-04	1.423878e-03
## SPAC959.07	4.540880e-03	-5.760770e-03	-3.814086e-03	8.714232e-03
## SPAC959.09c	-5.600477e-04	-1.770809e-03	-7.021752e-04	1.698885e-03
## SPAP32A8.02	2.412691e-03	-2.427368e-03	-9.507225e-04	1.291658e-03
## SPAP32A8.03c	1.085313e-03	-2.288035e-03	-7.690717e-04	1.986206e-03
## SPAC3H5.10	-5.881654e-03	-2.201083e-02	-1.475436e-02	-2.969975e-02
## SPAC3H5.08c	7.080729e-04	-1.375496e-03	-1.387975e-03	3.637125e-03
## SPAC3H5.06c	-1.540648e-03	5.565918e-04	-1.838769e-03	5.291993e-03
## SPAC3A11.13	5.014032e-04	-1.914776e-03	-5.214359e-05	8.715364e-04
## SPAC3A11.12c	-2.993130e-03	-2.539849e-03	-2.475952e-03	4.955864e-03
## SPAC3A11.10c	1.288345e-03	-7.909594e-04	-1.432458e-03	4.987365e-03
## SPAC3A11.09	3.826793e-03	-2.332218e-03	-7.677800e-04	6.397962e-03
## SPNCRNA.909	7.973281e-04	4.828799e-04	-1.224181e-04	4.235427e-05
## SPNCRNA.910	-3.052829e-04	-3.148761e-05	-2.992466e-04	-2.508493e-04
## SPAC3A11.05c	-1.460421e-05	7.139483e-05	-7.274298e-04	8.735685e-04

## SPAC3A11.04	1.617929e-04	7.430205e-04	1.768064e-04	-2.765536e-04
## SPAC3A11.03	-5.880382e-04	4.321023e-04	-8.121501e-04	6.358053e-04
## SPAC3A11.02	-1.539547e-03	4.352072e-05	-9.138983e-04	2.850229e-03
## SPAC328.04	1.088442e-03	-1.943687e-03	-1.175875e-03	5.757515e-03
## SPAC328.05	-5.164680e-05	-4.046813e-04	-1.076930e-03	-2.118998e-04
## SPAC328.06	4.257628e-03	-4.456527e-03	-7.398043e-04	1.113222e-02
## SPAC328.08c	-1.827774e-04	4.040231e-04	-8.822075e-05	3.379465e-04
## SPAC328.10c	1.132353e-02	-8.464831e-03	3.685969e-03	-8.184830e-04
## SPNCRNA.222	-1.054378e-05	3.403186e-05	-7.220928e-06	4.516949e-05
## SPAC16E8.02	1.363434e-04	-1.210765e-03	4.657550e-04	5.154769e-04
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	7.461967e-05	-1.357348e-04	2.093973e-04	1.311123e-04
## SPAC16E8.06c	7.552954e-04	-4.131905e-03	5.837568e-04	-4.452700e-03
## SPAC16E8.07c	-1.378458e-03	-1.316152e-03	1.185128e-03	-2.048085e-03
## SPAC16E8.09	-1.030743e-03	-1.944371e-03	-6.173673e-05	2.613512e-03
## SPAC16E8.13	3.398204e-04	-2.066373e-04	-6.081476e-04	2.600104e-04
## SPAC16E8.15	1.519336e-03	-5.549079e-03	1.233652e-03	-3.054276e-03
## SPAC16E8.18c	-4.041339e-04	-8.163240e-04	2.313583e-04	-1.446601e-05
## SPAC1B1.01	-5.165372e-04	-8.705005e-04	3.504059e-04	3.859285e-04
## SPNCRNA.915	1.476778e-05	-1.542319e-04	8.935242e-05	-1.114033e-04
## SPAC17A2.01	1.943424e-03	6.373226e-04	-5.720573e-04	2.444778e-03
## SPAC17A2.02c	1.007345e-02	-2.605423e-03	-2.894733e-03	6.051020e-03
## SPAC17A2.04c	-1.102394e-03	-1.086992e-03	6.855464e-04	-1.245463e-03
## SPNCRNA.124	-8.605588e-07	1.781122e-05	-2.490800e-05	7.794629e-07
## SPATRNPATRP.01	-4.846049e-05	-3.048330e-04	4.161508e-05	-3.458901e-04
## SPAC17A2.05	-1.163931e-03	-1.428285e-04	-1.667074e-03	4.597288e-03
## SPAC17A2.06c	2.551124e-04	-1.743650e-04	-1.493011e-03	5.039062e-03
## SPAC17A2.07c	-5.836361e-04	5.416127e-04	1.610444e-04	1.371246e-04
## SPAC17A2.08c	1.796717e-06	-1.147985e-03	1.631559e-06	-8.340890e-05
## SPAC17A2.09c	5.962913e-04	1.689708e-03	-7.456129e-03	1.733909e-02
## SPAC17A2.10c	4.507407e-04	4.609646e-05	-1.272863e-04	4.903440e-04
## SPAC17A2.11	-9.472865e-05	4.837766e-05	1.268478e-05	-1.347395e-06
## SPNCRNA.920	-3.087327e-04	3.601013e-04	-4.754043e-04	5.888963e-04
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	2.274555e-04	2.427524e-04	-1.069896e-03	8.986929e-04
## SPATRNPALU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	-1.595478e-03	-9.147152e-04	8.591698e-04	6.982615e-04
## SPAC17G6.05c	1.027513e-03	-1.455989e-03	1.031909e-03	1.300132e-03
## SPAC17G6.06	-2.066563e-02	-1.856217e-02	-2.639125e-02	8.285328e-03
## SPAC17G6.08	1.294279e-03	-1.684459e-03	-1.466880e-04	2.396981e-03
## SPAC17G6.10	-7.968881e-04	-2.421249e-03	5.134559e-04	6.096712e-03
## SPAC17G6.11c	-3.198050e-03	-1.690384e-03	1.278772e-03	9.692218e-03
## SPNCRNA.921	-3.042704e-05	4.147604e-05	-3.244151e-06	6.304926e-05
## SPAC17G6.13	7.010473e-03	-1.200277e-02	-7.018653e-03	1.556874e-02
## SPAC17G6.14c	-4.183198e-04	-7.047514e-03	1.383268e-03	-1.931004e-03
## SPAC17G6.15c	-4.938831e-04	-1.763593e-03	-9.655081e-04	9.013820e-04
## SPAC17G6.16c	-2.699864e-04	-2.464137e-03	1.452464e-03	5.148945e-04
## SPAC17G6.17	-4.897253e-04	1.163049e-04	-2.471589e-03	2.648864e-03
## SPAC1142.01	-2.418376e-03	1.010565e-03	9.494577e-04	6.606540e-03
## SPAC1142.02c	3.882610e-03	-2.081423e-03	1.250819e-03	-1.062906e-03
## SPAC1142.04	1.760413e-03	-2.626227e-03	2.434532e-03	-4.259243e-03
## SPNCRNA.923	-4.604237e-05	-1.007185e-05	3.897983e-05	1.092143e-04
## SPAC1142.05	6.799594e-03	4.710282e-03	-3.985732e-03	1.384704e-03

## SPAC1142.06	1.895630e-03	5.464848e-04	-2.669662e-03	1.919703e-03
## SPAC1142.07c	6.022074e-04	-2.511148e-03	2.776563e-04	5.131083e-04
## SPAC1142.08	7.062970e-04	-8.457675e-04	2.009990e-04	1.265348e-03
## SPAC1142.09	-8.838478e-05	2.186403e-05	1.704798e-06	-1.384272e-05
## SPNCRNA.925	-4.733926e-05	-4.665718e-05	2.424354e-05	-4.498822e-04
## SPAC8C9.04	-1.430227e-03	-8.104130e-03	-2.665817e-04	5.429939e-03
## SPAC8C9.07	-8.758030e-04	-1.866658e-03	-1.020465e-03	-1.756808e-03
## SPAC8C9.08	2.941042e-02	-2.726378e-03	2.670542e-02	-3.136643e-02
## SPAC8C9.09c	3.445793e-04	6.277861e-04	-6.389823e-04	3.011914e-03
## SPAC8C9.11	-3.764788e-04	-9.668347e-04	-1.034266e-03	8.968652e-04
## SPNCRNA.228	7.157245e-04	-5.333370e-04	-3.724831e-06	-9.324372e-05
## SPAC8C9.19	1.458162e-04	-1.104464e-04	-1.253095e-05	2.334837e-04
## SPAC8C9.12c	1.347242e-03	-1.939592e-04	-9.732261e-04	5.169094e-03
## SPAC8C9.14	1.936515e-03	-1.686949e-03	-2.901728e-03	8.523593e-03
## SPAC8C9.15c	2.520390e-03	-3.260738e-03	1.466607e-03	-3.070659e-03
## SPNCRNA.926	2.427530e-04	-5.816517e-06	-3.692458e-04	3.827700e-04
## SPAC15A10.17	-1.962363e-04	-2.992845e-05	4.738816e-05	-3.334925e-05
## SPAC15A10.06	-8.998536e-06	-1.499436e-03	-1.183520e-03	2.162654e-03
## SPNCRNA.927	1.252870e-05	-3.293412e-05	1.141348e-05	-4.493957e-05
## SPAC15A10.08	-7.481802e-04	-1.514459e-03	3.174539e-04	1.522492e-03
## SPAC15A10.09c	-3.349770e-03	-4.468224e-04	1.527113e-03	2.401296e-03
## SPNCRNA.928	-1.531343e-04	2.077994e-04	-1.267574e-04	-8.958776e-05
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	-3.234676e-03	-5.260645e-03	1.125151e-03	-4.570305e-03
## SPAC15A10.11	-2.177873e-03	-3.436898e-03	1.940472e-03	5.584421e-03
## SPAC15A10.12c	-1.054837e-03	-1.247479e-03	-6.593453e-04	2.477751e-03
## SPAC15A10.13	4.901709e-04	-9.306371e-04	-3.351071e-03	6.599451e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-2.093201e-04	1.912134e-04	-5.969982e-04	3.458883e-04
## SPAC15E1.03	5.807930e-03	-2.176392e-02	-3.325128e-03	1.110445e-02
## SPAC15E1.05c	-3.790123e-04	2.506955e-03	-6.488875e-04	2.288125e-03
## SPAC15E1.09	-9.043973e-04	-3.047850e-04	-8.715656e-04	1.812116e-03
## SPAC15E1.10	5.417440e-04	-2.339381e-04	7.108599e-04	4.835054e-04
## SPNCRNA.932	-8.008274e-05	6.669953e-05	1.404635e-04	6.312237e-05
## SPAP7G5.02c	2.374512e-02	3.602102e-03	1.052743e-03	-7.115447e-04
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	2.428918e-03	-3.629103e-03	3.239674e-03	3.309803e-03
## SPNCRNA.934	4.860123e-04	-5.586542e-04	-1.363035e-03	2.292275e-03
## SPNCRNA.935	1.179526e-03	7.627196e-04	-1.224520e-03	1.840064e-03
## SPNCRNA.84	2.802039e-06	2.556039e-05	-1.739413e-05	1.133881e-05
## SPNCRNA.230	-2.733530e-05	-3.141718e-06	3.232021e-05	2.176656e-05
## SPNCRNA.231	1.514895e-05	-1.556082e-05	-3.760481e-05	2.892799e-05
## SPNCRNA.232	-1.218733e-05	-4.042493e-05	-4.004639e-05	2.579555e-05
## SPATRNAILE.03	-1.207445e-04	1.969398e-04	-1.259073e-04	1.122851e-04
## SPNCRNA.233	3.651325e-06	-6.611599e-06	1.083805e-06	-4.444159e-06
## SPATRNAGLU.04	1.329459e-02	8.475732e-03	-8.472121e-03	8.871617e-03
## SPATRNAALA.05	-9.559849e-05	-2.208382e-04	-2.974892e-04	-5.920534e-04
## SPNCRNA.234	-1.740907e-06	5.237184e-06	-3.702245e-05	6.415928e-05
## SPAC1556.01c	9.248883e-04	-1.233460e-03	-1.555923e-03	2.353939e-03
## SPAC1556.03	4.258902e-04	9.807845e-05	-1.921017e-03	1.817139e-03
## SPAC1556.04c	-5.727225e-04	-2.545477e-04	7.410742e-05	2.620836e-04
## SPAC1556.05c	-3.060477e-04	-7.426585e-04	-7.370895e-04	4.507446e-04
## SPAC1F12.02c	1.980923e-04	-3.306408e-02	-6.856005e-02	-6.198293e-02
## SPAC1F12.03c	2.499013e-04	8.357761e-04	-9.167587e-04	7.902609e-04

## SPAC1F12.04c	1.217444e-03	2.568936e-03	-2.276833e-03	3.989196e-03
## SPAC1F12.05	7.458012e-05	-3.841796e-04	-1.637013e-03	4.452506e-03
## SPAC1F12.07	1.299887e-03	2.892856e-03	6.078244e-05	2.581755e-04
## SPNCRNA.937	-8.532625e-06	1.244308e-04	-8.934158e-05	6.295227e-04
## SPAC4H3.01	3.003888e-03	-4.469297e-03	-2.139272e-04	1.533084e-03
## SPAC4H3.03c	3.922685e-03	-2.450398e-03	-1.198034e-03	4.603357e-03
## SPAC4H3.06	-4.293338e-04	-4.453845e-06	-4.966258e-04	1.160706e-03
## SPAC4H3.09	-8.937352e-04	-6.123063e-04	-1.310258e-03	1.585125e-03
## SPNCRNA.941	-3.128373e-05	-3.671831e-05	-4.003620e-05	2.000508e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	2.103486e-05	7.510247e-05	3.989088e-05	1.359412e-05
## SPNCRNA.942	2.854699e-04	5.108595e-04	4.029391e-04	4.789620e-04
## SPAC4H3.12c	-3.099364e-04	1.532385e-04	1.417257e-04	5.397135e-04
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	-1.414768e-03	-1.213930e-03	3.963675e-04	7.174718e-03
## SPAC1071.02	-3.941766e-03	-1.624177e-03	-7.888992e-05	-8.507286e-04
## SPAC1071.03c	-4.400348e-04	-3.696773e-04	-6.255063e-04	1.525417e-03
## SPNCRNA.237	5.657381e-06	-1.480653e-04	1.439766e-04	2.541422e-05
## SPNCRNA.943	1.392227e-04	1.621760e-04	-3.336888e-04	1.392684e-04
## SPAC1071.05	-1.169050e-04	-2.052726e-05	-2.605600e-03	3.498418e-03
## SPAC1071.06	1.919676e-03	-1.116856e-03	2.579767e-04	5.042622e-04
## SPAC1071.08	2.747990e-03	-6.391245e-03	2.546811e-03	6.892200e-04
## SPAC1071.10c	5.140110e-02	-7.984966e-02	2.340115e-02	9.465412e-02
## SPNCRNA.93	4.112797e-05	6.257892e-05	6.145817e-05	1.090015e-04
## SPAC1071.13	-9.525803e-05	4.098992e-04	4.689874e-04	7.437115e-04
## SPNCRNA.945	2.514051e-04	1.056652e-04	-2.585677e-04	7.351860e-05
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	7.757366e-04	2.038615e-04	3.884590e-04	-1.221428e-03
## SPAC926.02	-2.509815e-04	-7.315878e-04	1.237702e-04	1.955993e-03
## SPNCRNA.946	1.794511e-05	-2.786145e-04	-2.457613e-04	9.729479e-05
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	-1.066451e-04	9.193468e-04	-5.954417e-04	2.212657e-04
## SPAC926.04c	2.938821e-01	-1.501288e-01	-1.292486e-01	9.780794e-02
## SPRRNA.18	6.380514e-03	-2.504708e-02	1.035659e-02	1.394057e-02
## SPAC926.05c	1.531471e-04	-6.456978e-04	-4.606970e-04	1.635256e-03
## SPAC926.09c	1.135957e-01	-8.377656e-03	-1.921367e-02	-1.820645e-02
## SPAC323.01c	-2.343454e-04	7.237993e-04	-6.032332e-04	2.906775e-03
## SPNCRNA.948	-2.749555e-04	-4.277432e-05	2.040923e-04	-4.414099e-05
## SPAC323.06c	-1.954680e-04	2.617734e-05	-2.495366e-05	1.249397e-03
## SPAC323.07c	3.745807e-03	-4.811150e-04	-3.595264e-03	1.287718e-02
## SPAC2F3.02	-3.501029e-04	-1.794609e-03	-1.507820e-03	8.205480e-04
## SPAC2F3.03c	-1.809148e-03	-2.149237e-03	1.985491e-03	9.650783e-05
## SPAC2F3.04c	-3.395229e-04	8.979712e-05	-7.789644e-04	1.830961e-03
## SPAC2F3.05c	2.530633e-03	-5.307246e-04	-4.096706e-03	1.066258e-02
## SPAC2F3.06c	1.063970e-05	-4.517435e-03	3.718275e-03	8.772121e-04
## SPAC2F3.08	2.474745e-03	-3.506009e-04	-1.656175e-03	3.009647e-03
## SPNCRNA.949	2.840744e-04	9.676002e-06	-8.730283e-04	7.447187e-04
## SPNCRNA.950	3.551262e-05	-5.312445e-05	-3.796603e-05	5.693414e-05
## SPAC2F3.18c	-3.919018e-04	-7.869436e-04	-1.797022e-03	3.863737e-03
## SPAC2F3.11	-2.457941e-03	-1.734912e-03	1.014774e-03	1.971332e-03
## SPNCRNA.240	-2.222973e-05	3.364478e-05	-5.816334e-05	1.293167e-06
## SPAC11G7.01	-1.303190e-03	-3.718833e-05	7.020750e-04	5.256512e-03
## SPAC11G7.02	-1.744600e-03	-1.145669e-03	-4.563549e-03	4.248378e-03
## SPAC11G7.03	-2.298045e-03	-4.563356e-03	5.676315e-04	4.107040e-03

## SPAC11G7.04	-1.178944e-03	-5.604455e-03	-7.534819e-03	7.268737e-03
## SPAPB18E9.01	-9.270503e-04	-6.793397e-05	-1.511775e-03	2.321805e-03
## SPAPB18E9.05c	2.904869e-03	-4.231821e-03	-2.864233e-03	8.341135e-03
## SPAPB15E9.01c	2.345387e-02	-3.351821e-02	1.762456e-03	9.173042e-02
## SPAPB15E9.02c	5.595903e-05	2.065159e-04	6.018778e-04	9.994178e-04
## SPAC27E2.02	-2.405941e-04	4.872110e-04	3.611721e-04	3.101953e-03
## SPNCRNA.53	-5.107967e-06	-5.193954e-06	7.142976e-06	-1.595241e-06
## SPAC27E2.14	1.653184e-05	-2.587893e-04	-6.359410e-05	8.223799e-04
## SPAC27E2.05	-6.402284e-04	-8.018911e-04	1.827096e-06	2.475906e-03
## SPAC27E2.09	6.010719e-04	-2.208421e-03	-4.056067e-03	9.258427e-03
## SPAC27E2.10c	-6.765043e-04	-1.301749e-05	-2.541292e-04	1.369162e-03
## SPAPJ698.03c	1.149863e-03	-4.567554e-03	-2.437689e-03	1.032536e-02
## SPAC19G12.02c	8.291985e-04	-6.935463e-04	-1.571491e-03	2.222260e-03
## SPAC19G12.04	1.039455e-03	5.156602e-04	3.279276e-04	4.843806e-04
## SPAC19G12.06c	1.344444e-03	7.963266e-03	-6.526949e-03	1.347145e-02
## SPAC19G12.07c	-7.781789e-04	-2.241475e-04	8.599596e-04	3.136355e-03
## SPAC19G12.08	6.057474e-04	-1.929696e-03	-2.551836e-03	7.729093e-03
## SPATRNALEU.04	-1.721944e-02	7.655828e-03	-7.986596e-03	-1.820893e-02
## SPAC19G12.09	-5.572830e-04	-5.351033e-03	-1.338751e-03	1.266080e-02
## SPAC19G12.13c	-8.280721e-05	-5.400912e-04	-6.785486e-04	1.230648e-03
## SPAC19G12.14	4.763811e-05	-1.059003e-03	-2.034228e-03	2.600089e-03
## SPAC23A1.07	2.374811e-04	2.182947e-04	-7.303702e-04	2.926929e-03
## SPAC23A1.08c	1.600435e-02	-6.270591e-03	3.282727e-03	-2.104347e-02
## SPAC23A1.10	-7.438387e-03	3.474519e-02	4.546397e-02	-8.429412e-03
## SPAC23A1.15c	6.362076e-04	1.471208e-05	6.852378e-04	9.779915e-04
## SPAC23A1.16c	-3.235697e-04	-4.523875e-04	-4.578180e-04	8.572667e-04
## SPNCRNA.341	-5.758144e-06	1.999497e-05	-1.857397e-05	-1.915058e-05
## SPAC26H5.04	1.572783e-03	-7.046658e-04	-2.980640e-03	5.359356e-03
## SPNCRNA.961	9.852527e-05	-3.383246e-04	-2.014724e-04	-5.355106e-05
## SPAC26H5.07c	1.981331e-03	-1.153247e-03	-2.173555e-03	1.140151e-02
## SPAC26H5.08c	-1.885611e-03	6.706234e-03	-6.738897e-03	3.375008e-03
## SPNCRNA.962	-8.148732e-06	1.755444e-06	7.448520e-06	8.824523e-06
## SPNCRNA.306	-2.389317e-05	9.883341e-06	3.503631e-06	2.210132e-05
## SPAC26H5.09c	-3.834241e-03	-6.662598e-04	-6.359157e-03	3.059048e-03
## SPAC26H5.10c	-3.002185e-02	-1.439381e-02	1.291074e-02	-2.033648e-02
## SPNCRNA.964	1.213183e-04	1.199053e-04	1.771742e-04	-8.857820e-05
## SPNCRNA.965	3.951161e-05	3.684869e-04	-6.716314e-05	3.455665e-04
## SPNCRNA.242	-6.255071e-02	1.986526e-01	-5.025777e-02	4.214051e-02
## SPSNORNA.13	-6.474824e-02	-1.101647e-01	-8.032632e-02	2.231929e-01
## SPAC25B8.02	8.924436e-04	-1.024334e-03	-6.722810e-04	9.402047e-04
## SPAC25B8.03	-1.747432e-03	-1.460043e-03	-7.526538e-04	4.764604e-03
## SPAC25B8.04c	-4.150795e-04	-1.141047e-04	1.964568e-04	8.816930e-04
## SPAC25B8.05	-7.515035e-05	-1.679055e-03	-5.784235e-04	4.975909e-04
## SPAC25B8.07c	-9.718299e-04	-5.790792e-04	3.460829e-04	-2.442347e-05
## SPAC25B8.20	2.008503e-04	-1.310456e-04	-2.123366e-04	7.211618e-04
## SPNCRNA.967	-4.150840e-04	1.403145e-04	3.464186e-04	3.801830e-04
## SPAC25B8.10	-2.680806e-04	-2.380853e-04	1.577301e-03	-1.629448e-04
## SPAC25B8.11	7.542563e-04	-2.681440e-03	-2.225557e-03	8.119142e-03
## SPNCRNA.968	9.379245e-04	2.206280e-05	-6.274111e-04	9.847614e-04
## SPAC25B8.13c	8.790170e-03	-2.877004e-03	-7.467622e-03	1.807975e-02
## SPRRNA.19	-2.328705e-04	-8.065593e-04	-8.091593e-04	-9.455347e-04
## SPAC25B8.14	-5.073606e-05	-5.146956e-04	7.192005e-04	1.279729e-03
## SPAC25B8.15c	-3.297141e-04	6.950336e-04	-1.206862e-04	-1.137523e-04
## SPAC25B8.16	5.326933e-04	-2.640644e-03	-1.624815e-03	3.563585e-03

## SPNCRNA.970	-1.376773e-04	-2.597719e-04	-2.064204e-04	7.069950e-04
## SPNCRNA.971	9.509197e-05	-1.746130e-04	-3.774013e-04	4.114431e-04
## SPAC694.03	-8.210003e-04	-6.395328e-04	6.379892e-04	-9.460376e-05
## SPAC694.04c	3.833032e-03	2.935224e-04	6.979917e-04	-2.286193e-03
## SPNCRNA.972	-1.849732e-04	-1.841061e-04	-4.498106e-04	1.026134e-03
## SPAC1F7.02c	-4.338470e-03	-6.705160e-03	-5.868974e-04	-3.825535e-03
## SPAC1F7.03	1.679244e-03	2.442340e-03	-7.286552e-04	1.546835e-02
## SPAC1F7.06	-3.639872e-05	7.552070e-07	2.091412e-06	-2.062241e-05
## SPAC1F7.07c	9.368593e-03	-2.335585e-03	-1.422739e-03	1.482799e-02
## SPSNORNA.14	-8.430000e-06	-5.288309e-07	-1.103174e-05	-6.075555e-06
## SPRRNA.20	4.320524e-03	-5.920308e-02	-9.769736e-03	1.848741e-03
## SPAC1F7.10	-6.746365e-05	-6.191316e-04	-1.074280e-04	-3.525703e-04
## SPAC1F7.11c	-3.489924e-04	3.986812e-04	-4.552143e-04	3.481492e-03
## SPAC1F7.12	-1.241910e-02	-2.589043e-03	7.942281e-04	5.677551e-03
## SPAC21E11.03c	7.798161e-04	-9.196500e-04	-4.357234e-04	-5.069916e-03
## SPAC21E11.05c	-2.471206e-04	5.675019e-04	-3.384267e-04	4.948757e-03
## SPAC21E11.08	6.432589e-04	-5.191088e-03	1.465423e-03	2.903215e-03
## SPATRNASER.03	9.254044e-04	1.523062e-03	-1.300926e-03	-7.116553e-04
## SPATRNAMET.03	-2.874292e-04	-6.253726e-04	-4.366432e-04	-8.896606e-06
## SPAC2C4.05	-1.147798e-03	1.940331e-03	-2.456624e-03	6.848699e-03
## SPAC2C4.06c	-1.320695e-03	-7.614943e-04	-8.446828e-04	4.447937e-04
## SPAC2C4.08	1.021881e-04	-5.038402e-04	-8.368111e-06	7.942385e-05
## SPAC2C4.11c	-3.107390e-03	-1.692909e-03	7.414903e-04	-4.925879e-03
## SPAC2C4.12c	8.261995e-04	1.077147e-03	-2.100339e-03	3.612667e-03
## SPAC2C4.14c	-2.678674e-03	1.053887e-04	1.000389e-03	1.518129e-03
## SPAC2C4.15c	7.347403e-04	-2.659140e-03	2.512561e-04	3.446587e-03
## SPAC2C4.16c	-1.770436e-02	-3.458725e-02	-1.257159e-02	1.643028e-02
## SPNCRNA.974	-6.545768e-06	-2.259498e-04	5.733303e-04	-2.235336e-03
## SPNCRNA.975	8.695290e-05	-2.276616e-04	4.742539e-05	-1.146816e-04
## SPNCRNA.976	1.027693e-04	2.056460e-05	-3.766059e-04	1.657281e-04
## SPAC25G10.01	1.706777e-03	-1.266725e-03	-8.699576e-04	2.655904e-03
## SPAC25G10.05c	-5.681153e-03	-1.941873e-03	-3.305991e-03	1.122804e-04
## SPAC25G10.06	-1.073229e-03	-1.370513e-02	-2.344610e-02	1.712332e-02
## SPAC25G10.07c	2.065498e-03	-6.022268e-04	-4.176565e-04	3.353141e-03
## SPAC25G10.09c	-8.064620e-04	-7.332210e-03	-3.094882e-03	1.342435e-02
## SPAC27F1.02c	-8.493873e-04	-1.000175e-02	3.102031e-03	-1.551421e-04
## SPAC27F1.03c	2.617069e-04	-4.185075e-04	-6.231470e-04	1.238887e-03
## SPAC27F1.04c	-4.462350e-04	3.577314e-04	-2.597817e-05	1.337517e-03
## SPAC27F1.07	-8.761136e-03	-1.448692e-03	5.412543e-04	8.932899e-03
## SPAC27F1.08	-2.408445e-04	1.355905e-03	7.803282e-04	2.488479e-03
## SPAC27F1.09c	2.173247e-03	-3.430976e-03	2.113384e-03	6.850110e-03
## SPAC23D3.01	5.201229e-04	-1.061511e-04	-2.065973e-03	4.399632e-03
## SPAC23D3.02	-3.250748e-04	7.052965e-04	6.439467e-04	3.314126e-03
## SPAC23D3.03c	-2.434042e-03	-3.075068e-03	-1.321934e-03	2.954824e-03
## SPNCRNA.979	1.949084e-03	9.810830e-04	-1.230252e-03	1.175175e-03
## SPAC23D3.08	-1.197887e-03	-1.148601e-03	-1.063965e-03	-6.337097e-04
## SPAC23D3.11	8.940623e-04	-1.093390e-03	7.229977e-05	2.370274e-03
## SPNCRNA.980	-1.115085e-04	-2.128271e-04	-3.590745e-04	1.416143e-04
## SPAC23D3.17	-1.948464e-04	-5.257823e-04	-1.994435e-04	3.515942e-04
## SPNCRNA.981	-1.356621e-04	2.413066e-04	9.492453e-05	1.542495e-05
## SPAC30.01c	2.032165e-03	1.244720e-04	-2.873780e-03	7.767474e-03
## SPAC30.02c	4.956224e-04	-4.587802e-04	3.167720e-04	1.376406e-03
## SPAC30.04c	-1.050559e-03	-2.835802e-03	-1.784062e-03	1.255682e-02
## SPAC29E6.01	9.498974e-04	6.732469e-04	-2.279597e-04	3.605560e-03

## SPAC29E6.03c	2.661588e-03	-2.170976e-03	3.910277e-04	4.905994e-03
## SPAC29E6.05c	-9.457988e-04	-4.204298e-04	2.960140e-04	1.043281e-04
## SPAC29E6.04	4.684850e-04	-3.996502e-04	-7.252366e-04	1.560763e-03
## SPAC29E6.07	-3.159622e-05	-2.177768e-04	-6.844203e-05	1.222574e-04
## SPAC29E6.08	-3.876980e-03	1.994939e-03	4.297926e-03	-1.777928e-02
## SPAC16.01	-1.911298e-04	-1.636889e-04	4.079519e-04	1.610265e-03
## SPNCRNA.986	-7.032765e-05	-4.760594e-05	-2.500564e-04	-1.528695e-04
## SPAC16.03c	2.591998e-03	-8.190725e-04	-1.603245e-03	3.093616e-03
## SPAC16.05c	-5.529497e-03	-6.366600e-05	4.813162e-03	-1.029098e-02
## SPAC9E9.01	2.655092e-05	-9.779730e-05	-1.667247e-04	-2.814976e-05
## SPAC9E9.17c	2.754035e-06	-5.767483e-06	-3.119475e-05	8.732388e-05
## SPNCRNA.987	-3.395563e-05	1.293643e-04	-1.022288e-04	2.510895e-05
## SPNCRNA.12	-2.940247e-05	-1.684826e-06	1.527947e-05	3.018560e-05
## SPAC9E9.03	2.981140e-02	1.773935e-02	-2.109355e-02	4.052942e-02
## SPAC9E9.04	-2.694207e-04	-1.035043e-03	-2.979449e-03	1.800401e-05
## SPAC9E9.09c	6.972755e-02	-1.539024e-02	-4.195955e-02	9.582175e-02
## SPNCRNA.989	1.401089e-04	2.658436e-04	-5.802404e-04	-4.006170e-04
## SPAC9E9.15	-3.452574e-05	-7.940819e-04	3.707586e-04	1.387324e-03
## SPNCRNA.311	-3.190530e-05	-1.950825e-05	-7.364136e-05	-8.658968e-05
## SPNCRNA.991	2.342521e-04	6.877490e-05	-2.577910e-04	-1.548681e-04
## SPAC17C9.14	-1.330348e-04	-5.659468e-04	1.034798e-03	2.894308e-04
## SPAC17C9.10	5.089798e-05	-1.480711e-03	-5.808955e-04	1.119776e-03
## SPAC17C9.07	-1.197340e-04	-8.108331e-04	-4.522017e-04	5.686624e-04
## SPAC17C9.05c	3.174536e-04	3.201189e-04	-6.871125e-04	1.435764e-03
## SPAC17C9.01c	-9.415674e-04	-1.357938e-03	-1.576520e-03	5.349443e-04
## SPAC1851.04c	-8.205032e-04	-1.794912e-03	-1.171964e-03	-4.628448e-04
## SPAC27D7.02c	2.524337e-03	-1.177350e-03	-1.325134e-03	4.133039e-03
## SPNCRNA.993	2.689013e-05	2.969672e-05	-1.110890e-04	9.297795e-05
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-2.644947e-03	-3.761323e-03	3.199190e-03	9.892902e-04
## SPNCRNA.995	-4.046453e-04	-7.775998e-05	-3.576008e-04	3.142129e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	1.752703e-04	1.134112e-04	-1.117109e-04	-3.219630e-04
## SPAC637.03	3.334129e-03	3.441833e-04	-7.847809e-03	8.847562e-03
## SPAC637.04	8.591195e-04	-8.310319e-04	-2.268221e-03	4.485685e-03
## SPAC637.05c	-6.313895e-03	-1.050432e-03	-1.687683e-03	3.873160e-03
## SPAC637.06	-5.937350e-03	-1.154387e-02	-4.241400e-03	1.408262e-02
## SPAC637.09	-3.408223e-03	-3.181106e-03	3.604684e-04	-1.741890e-03
## SPNCRNA.999	-4.989058e-05	-9.035137e-05	-4.589697e-05	-1.235804e-04
## SPAC637.11	8.596687e-04	2.599299e-05	-9.196201e-04	1.957788e-03
## SPAC637.12c	1.531974e-03	5.279441e-04	-2.657138e-03	6.237870e-03
## SPNCRNA.1000	3.492772e-05	-4.021685e-05	1.170158e-04	-8.950416e-06
## SPAC637.13c	-2.098727e-03	-2.230126e-03	-2.714202e-03	1.699420e-03
## SPNCRNA.249	-1.466111e-04	-8.040961e-05	-2.459593e-04	-1.020436e-04
## SPAC31F12.01	-7.656509e-04	-1.833530e-03	-2.827604e-03	5.184470e-03
## SPAC12B10.02c	8.310894e-04	-2.187790e-03	-2.056204e-03	3.483415e-03
## SPAC12B10.03	7.280314e-04	-1.368079e-04	-2.131007e-03	4.247655e-03
## SPNCRNA.1001	-1.634159e-04	-1.361442e-04	2.802857e-05	1.278202e-04
## SPAC12B10.04	-1.240286e-03	-3.572062e-03	-1.394550e-03	4.178300e-04
## SPAC12B10.07	-1.550165e-04	-3.630284e-03	-9.326153e-04	2.639512e-03
## SPAC12B10.08c	4.362859e-04	-6.306261e-05	-4.945363e-04	1.238619e-03
## SPAC12B10.09	-5.865129e-04	7.043919e-04	2.664851e-05	1.097678e-03
## SPAC12B10.10	7.727082e-04	-4.786360e-04	6.111608e-04	2.565206e-03

## SPNCRNA.1003	2.523299e-05	1.302806e-04	-9.232238e-05	2.002965e-04
## SPAC12B10.15c	-1.567342e-04	-2.950501e-04	3.352885e-04	4.821683e-04
## SPNCRNA.1004	3.324982e-04	7.980493e-05	-7.016086e-04	8.291521e-04
## SPAC1093.07	2.932576e-04	-3.073321e-04	9.335818e-07	-1.490105e-04
## SPAC1093.01	6.705837e-03	-2.689880e-03	-1.044643e-02	1.814361e-02
## SPAC1093.02	3.573018e-03	-1.209723e-03	-2.039496e-03	7.263443e-03
## SPAC1093.03	-3.429577e-05	2.577693e-04	-1.275589e-03	3.525147e-03
## SPAC1093.04c	-1.564888e-03	-1.957228e-03	-1.333641e-03	3.517846e-03
## SPAC1093.06c	1.141057e-04	-1.574578e-03	-4.474610e-03	1.022216e-02
## SPNCRNA.1006	-2.722712e-06	-2.221014e-04	1.213976e-04	9.986363e-05
## SPAC30C2.02	1.868204e-03	-1.022190e-03	4.333415e-04	2.190148e-03
## SPAC30C2.04	8.328366e-03	-8.048949e-03	3.002171e-03	-7.479839e-03
## SPAC30C2.05	-3.815200e-04	-2.097005e-04	-7.177525e-04	1.534633e-03
## SPAC30C2.07	-5.585838e-04	1.482699e-03	-3.517442e-03	5.136148e-03
## SPNCRNA.1008	-3.551688e-04	2.516107e-05	-1.152127e-04	-4.143285e-04
## SPAC1635.01	-3.390974e-03	4.001474e-04	3.337686e-03	3.507460e-03
## SPNCRNA.1009	-5.592297e-05	-1.242629e-05	-1.529250e-04	6.202808e-05
## SPAC144.02	-4.675370e-04	-2.473844e-03	-1.453468e-04	2.140293e-03
## SPAC144.03	6.657710e-03	6.845330e-03	3.121818e-03	-8.510152e-04
## SPAC144.04c	-1.778357e-03	-4.074110e-03	3.569841e-03	1.221484e-03
## SPAC144.05	2.341213e-04	6.827443e-04	-2.059576e-03	4.213317e-03
## SPAC144.10c	3.376749e-04	-1.468918e-03	-6.641009e-04	2.353404e-03
## SPNCRNA.1013	2.062887e-05	6.692029e-05	1.736952e-04	5.209261e-05
## SPNCRNA.1014	4.999310e-05	6.976782e-05	-1.251051e-04	1.223047e-04
## SPAC144.12	4.666597e-03	1.086415e-03	2.707601e-03	-2.406464e-03
## SPAC144.13c	-2.510034e-04	-5.875846e-04	-1.291625e-03	2.613931e-03
## SPAC144.16	-6.793720e-05	-1.022545e-03	-6.129070e-04	-8.299461e-04
## SPNCRNA.1016	1.931261e-04	4.639034e-04	-3.625564e-04	2.892929e-04
## SPNCRNA.1017	2.642359e-05	-1.054110e-05	-1.894399e-06	1.299671e-04
## SPAC1834.03c	1.969615e-03	2.260269e-02	-7.140496e-03	3.367958e-02
## SPAC1834.04	-2.576880e-04	2.328133e-02	-2.891397e-03	1.914617e-02
## SPAC1834.05	-2.586401e-03	1.203224e-03	1.140661e-03	7.021014e-03
## SPAC1834.08	8.123536e-04	-3.764267e-03	-4.141021e-03	1.164289e-02
## SPATRNATHR.05	-1.532185e-04	-2.093429e-03	5.090056e-03	-5.569789e-03
## SPAC1834.10c	-4.554348e-05	7.957025e-04	-1.463952e-03	2.496555e-03
## SPAC1834.13	-2.215483e-05	2.184432e-06	-4.357123e-05	-7.172472e-06
## SPAC17D4.01	7.816989e-03	-1.478798e-03	-7.171181e-03	9.536323e-03
## SPAC17D4.02	-9.605242e-04	1.850118e-03	-4.088931e-04	2.105019e-03
## SPAC17D4.04	9.863008e-04	-2.039386e-03	-1.079323e-03	1.229589e-03
## SPAC458.02c	5.071724e-03	-8.198448e-03	-5.975335e-04	3.418779e-03
## SPNCRNA.1019	2.678047e-04	4.871542e-04	-2.909704e-04	4.891286e-04
## SPAC458.03	1.654077e-03	-1.586541e-03	9.958554e-05	5.205684e-03
## SPNCRNA.1020	1.834201e-04	-2.013928e-04	-2.842773e-05	7.452840e-05
## SPAC458.07	1.100111e-03	5.086036e-04	-6.650231e-04	3.749216e-03
## SPAPYUG7.02c	2.285593e-04	1.588566e-03	-2.051651e-03	2.523420e-03
## SPNCRNA.1022	5.016267e-05	5.511840e-05	1.788809e-04	-3.148056e-04
## SPAC1782.01	-3.463624e-03	-1.561811e-03	-2.006325e-03	8.660735e-03
## SPAC1782.03	5.043150e-04	-2.487597e-05	-8.480454e-04	1.018148e-03
## SPAC1782.06c	3.144346e-05	-2.067057e-03	4.540149e-03	2.801884e-03
## SPNCRNA.1023	-1.406620e-04	2.882468e-04	-1.411203e-04	-7.122081e-04
## SPAC1782.09c	1.306114e-04	-8.125639e-06	-4.503328e-04	3.004307e-03
## SPAC1782.10c	-9.083905e-03	-2.737500e-03	1.599594e-03	-5.746486e-03
## SPAC1782.11	6.658251e-03	-1.480458e-03	-5.126099e-04	5.957873e-03
## SPAC11H11.02c	-1.701324e-03	-8.998016e-04	7.746683e-04	5.922062e-05

## SPAC11H11.01	-1.740541e-04	-1.161643e-04	-8.234324e-04	1.121121e-04
## SPAC11H11.03c	-9.085756e-04	-1.184561e-03	-2.293220e-05	2.208945e-04
## SPAC11H11.04	-2.013111e-04	7.200291e-05	4.343040e-07	2.792985e-04
## SPAC11H11.06	-2.155693e-03	-1.493244e-02	9.600585e-03	-4.339361e-03
## SPAC22F8.03c	-1.567377e-05	4.293519e-06	-5.982788e-05	-3.956295e-05
## SPAC22F8.07c	-1.366058e-03	-1.894937e-03	1.506456e-04	5.018584e-04
## SPAC22F8.08	-3.252907e-03	-2.720437e-03	1.204653e-03	4.215635e-03
## SPAC22F8.11	-3.505696e-04	-1.565237e-04	-8.872148e-04	8.114145e-03
## SPAC22F8.12c	2.504332e-05	-1.046169e-03	-1.088297e-03	1.648649e-03
## SPAC20G4.02c	-6.763717e-05	-2.374892e-04	-8.732487e-04	2.883770e-03
## SPAC20G4.03c	-7.732550e-04	-1.853746e-04	2.294368e-03	1.085552e-03
## SPAC20G4.04c	5.554554e-04	-1.118104e-03	-1.132945e-03	2.687507e-03
## SPNCRNA.1027	-2.473451e-04	-3.993947e-04	-3.213881e-04	1.175056e-04
## SPAC20G4.09	-1.010978e-04	-1.779160e-05	1.570454e-04	2.885242e-05
## SPAC20G4.07c	-1.333299e-03	1.017653e-03	4.119757e-04	1.905976e-03
## SPAC4F10.03c	-6.529383e-04	-3.710598e-04	-7.745066e-04	2.305193e-03
## SPAC4F10.04	5.403494e-04	-4.464043e-05	3.789018e-04	3.915817e-04
## SPNCRNA.1028	-5.248368e-04	-1.970367e-05	-3.263150e-05	3.952603e-04
## SPAC4F10.08	1.781474e-05	9.381982e-05	-2.914304e-04	7.868554e-04
## SPAC4F10.12	-6.613322e-04	3.260445e-04	-3.060832e-03	2.417227e-03
## SPAC4F10.13c	2.326617e-03	-3.282889e-03	-8.755430e-03	2.671231e-02
## SPNCRNA.1030	9.589614e-05	2.306781e-04	-5.161259e-05	2.614259e-04
## SPAC4F10.15c	3.139231e-04	-3.869793e-05	-4.653975e-04	1.363852e-03
## SPAC4F10.16c	-2.781782e-03	1.642538e-03	-6.695723e-04	6.774730e-03
## SPAC4F10.18	-3.511970e-04	-1.207242e-03	-2.109164e-03	5.850560e-03
## SPAC4F10.19c	4.488370e-04	-5.509630e-04	1.673565e-04	8.156063e-04
## SPAC19B12.01	-9.851890e-04	-4.291112e-04	1.450224e-03	-5.097717e-04
## SPNCRNA.255	-1.558711e-05	1.166443e-04	6.079587e-05	2.220078e-04
## SPAC19B12.03	-4.119192e-03	1.610554e-04	6.353537e-03	1.186568e-02
## SPNCRNA.1034	1.273908e-04	2.170482e-06	3.704210e-04	3.583893e-04
## SPAC19B12.04	-8.152827e-03	-8.179507e-03	-8.773948e-03	2.398312e-03
## SPAC19B12.07c	-1.229577e-03	1.909556e-05	1.344752e-04	2.430388e-03
## SPAC19B12.10	1.317785e-04	5.565145e-04	-7.537579e-04	1.026816e-03
## SPAC19B12.12c	2.124175e-04	4.433433e-04	9.974634e-05	2.322959e-04
## SPAC19B12.13	-7.306794e-05	6.222543e-04	-8.420561e-05	-1.077752e-04
## SPNCRNA.1035	-1.501421e-04	-5.229271e-06	2.974089e-04	-3.869547e-05
## SPAPB8E5.04c	-1.473107e-03	9.526960e-05	1.336898e-04	3.273291e-03
## SPAPB8E5.06c	2.134109e-03	-4.206887e-03	2.282716e-03	-1.429060e-02
## SPAC1B3.01c	-4.313524e-03	-1.233080e-03	-6.080282e-04	6.360324e-03
## SPAC1B3.02c	-1.221247e-03	-1.901636e-03	2.512161e-03	2.872613e-05
## SPNCRNA.1036	3.167513e-05	-3.965623e-05	1.630105e-05	-8.382792e-05
## SPAC1B3.03c	3.986959e-02	-3.087667e-02	-2.120860e-02	1.426056e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	1.612867e-04	2.769735e-06	-2.910546e-05	2.391709e-05
## SPNCRNA.1038	2.326531e-04	7.390075e-04	1.213555e-03	6.999819e-03
## SPAC1B3.07c	-9.407968e-04	8.606002e-04	-1.326593e-03	2.245533e-03
## SPAC1B3.08	1.383608e-03	-1.492334e-03	2.104887e-03	1.317835e-03
## SPAC1B3.10c	-7.731597e-04	-1.079524e-03	-3.810864e-04	9.144701e-04
## SPAC1B3.11c	1.927854e-04	3.656464e-04	-2.345340e-04	1.049516e-03
## SPAC1B3.20	-3.324051e-04	-1.125102e-03	1.385786e-03	7.315694e-04
## SPAC1B3.13	-1.750578e-03	-1.658253e-03	-7.504250e-04	-6.704453e-03
## SPAC1B3.15c	-3.458950e-04	2.833084e-04	-3.183155e-04	-6.250998e-04
## SPAC1B3.16c	6.226042e-02	1.007549e-02	-2.030552e-02	-3.203899e-03
## SPNCRNA.1039	5.739664e-05	-3.713350e-05	-6.605759e-05	-3.417256e-05

## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	-2.174036e-04	6.171015e-04	-5.342389e-04	1.745563e-03
## SPAC1952.05	1.447967e-03	2.494824e-04	-2.839642e-03	7.243210e-03
## SPAC1952.06c	1.391674e-04	-1.140758e-03	-8.846761e-04	2.360873e-03
## SPAC1952.08c	-9.746733e-04	-7.269398e-04	-1.817575e-03	3.358369e-04
## SPAC1952.11c	-2.006347e-04	-2.046483e-03	-8.824981e-04	2.645682e-03
## SPAC1952.13	1.340074e-03	-1.394018e-03	-1.229378e-03	1.514755e-03
## SPAC1952.14c	-5.823614e-04	-2.753066e-04	-8.909959e-04	6.889180e-04
## SPAC1952.15c	-1.759925e-04	-4.284651e-04	-2.954494e-05	2.129724e-04
## SPAC890.02c	6.365120e-07	-4.071562e-04	-1.411139e-03	2.291066e-03
## SPAC890.05	1.107847e-03	5.059992e-04	-6.445000e-04	-3.346085e-05
## SPAC890.07c	-9.596378e-05	-1.130390e-03	1.564058e-03	-8.396261e-03
## SPAC890.08	7.302593e-03	-6.061180e-02	-4.182657e-02	-9.394233e-03
## SPNCRNA.258	-7.017467e-05	-6.664023e-05	1.517063e-05	-2.834272e-05
## SPAC22E12.01	2.682810e-04	3.304197e-05	-2.757866e-04	1.378882e-03
## SPAC22E12.02	5.783228e-04	1.088963e-06	-5.800533e-04	-9.234636e-04
## SPAC22E12.03c	-3.932720e-04	-4.314321e-03	1.164326e-03	2.815059e-03
## SPAC22E12.05c	1.068547e-03	-8.470841e-04	-9.602836e-04	2.832595e-03
## SPAC22E12.06c	1.396330e-03	2.285928e-03	-2.208183e-03	7.556547e-03
## SPAC22E12.07	1.705021e-04	-5.415464e-03	-2.565119e-03	-9.764766e-04
## SPAC22E12.08	-6.079673e-04	1.615264e-04	-2.215915e-04	-3.084035e-04
## SPAC22E12.11c	4.806157e-04	-1.083571e-03	-2.145036e-03	5.076739e-03
## SPAC22E12.14c	2.081114e-03	2.012900e-03	-4.794865e-03	1.386802e-02
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	-5.738218e-04	1.279078e-03	-6.941646e-04	1.122925e-03
## SPAC1006.05c	5.929016e-04	-1.246932e-03	-1.999196e-03	3.268068e-03
## SPAC1006.06	-4.832920e-04	8.735073e-04	-4.402407e-03	5.992355e-03
## SPAC1006.07	3.235940e-02	4.768501e-02	6.836275e-02	-4.143256e-02
## SPAC1006.08	-6.291618e-04	-6.188594e-04	1.570586e-04	1.467784e-03
## SPAC1006.09	-1.922099e-03	-2.375710e-03	-2.394824e-03	1.050348e-02
## SPAC1250.05	-1.947034e-03	-2.909546e-03	5.128550e-04	-9.093413e-04
## SPAC1250.04c	6.991624e-05	1.218420e-04	-5.895813e-04	1.256323e-03
## SPAC1250.03	-4.262226e-04	6.376397e-04	-2.435566e-04	3.968489e-04
## SPAC1250.02	-1.774268e-04	-1.508087e-05	1.606612e-04	-2.765091e-04
## SPNCRNA.1046	6.846324e-06	-9.787839e-05	2.663231e-05	-1.165193e-05
## SPAC29A4.20	-2.493343e-03	-8.482836e-04	1.457522e-04	9.526731e-06
## SPAC29A4.19c	-3.408051e-05	4.435779e-04	7.411350e-04	2.682942e-03
## SPAC29A4.17c	-2.126046e-04	3.036972e-04	-2.321749e-04	5.853422e-04
## SPAC29A4.16	-1.869135e-03	-3.828034e-03	3.581493e-03	8.593173e-03
## SPAC29A4.15	3.374795e-03	-5.105572e-03	-1.166176e-03	4.325558e-03
## SPNCRNA.1047	-3.590765e-05	1.472179e-04	-8.066370e-05	-2.579204e-04
## SPAC29A4.12c	-2.574002e-04	1.009447e-05	-1.958027e-04	-7.903923e-05
## SPAC29A4.09	9.028702e-04	-1.582672e-03	-1.577191e-03	2.265393e-03
## SPAC29A4.08c	-5.137421e-04	-1.581330e-03	2.142283e-03	7.088806e-04
## SPAC29A4.07	-5.679308e-04	6.756478e-04	-1.398345e-03	1.837482e-03
## SPAC29A4.06c	9.948821e-05	-5.490919e-04	1.827944e-04	8.680146e-04
## SPAC29A4.04c	5.036392e-03	-4.918882e-03	2.634078e-03	-5.949983e-03
## SPAC29A4.02c	1.152337e-02	-3.222597e-02	-2.688123e-03	-2.635963e-04
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-1.427710e-03	-2.590792e-03	-1.391630e-03	2.427846e-03
## SPSNORNA.16	1.098302e-02	1.423193e-02	3.230429e-02	5.241903e-03
## SPAC26F1.13c	1.728739e-02	1.322720e-03	-2.705378e-03	5.282413e-03
## SPAC26F1.11	4.611498e-06	-6.801292e-05	2.478527e-04	-5.254272e-04
## SPAC26F1.07	-2.801737e-02	-3.751715e-02	2.333637e-02	-1.400163e-03

## SPAC26F1.05	2.569813e-04	-3.446508e-05	-3.316279e-04	-1.699168e-04
## SPNCRNA.1056	6.627303e-05	-3.869140e-04	-1.455566e-04	8.723260e-05
## SPAC26F1.04c	7.371424e-03	1.503456e-03	-3.514538e-03	7.729013e-03
## SPAC26F1.03	8.029746e-03	5.396715e-03	-2.216659e-03	-5.919882e-03
## SPAC26F1.01	1.396814e-03	1.140259e-03	-1.125787e-03	3.976234e-03
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-2.788762e-05	-2.040986e-04	-2.670039e-04	2.839358e-04
## SPAC19D5.01	2.252456e-03	-8.965419e-04	1.284589e-03	-2.106591e-02
## SPAC19D5.02c	-1.190774e-03	2.962921e-04	-2.562033e-03	4.522729e-03
## SPAC19D5.04	-2.918806e-03	-8.696082e-03	1.571680e-03	1.532774e-02
## SPAC19D5.05c	5.090983e-04	-5.423888e-04	-2.240531e-04	-9.077278e-04
## SPAC19D5.11c	1.246722e-04	3.999815e-04	-1.707500e-04	4.737324e-05
## SPNCRNA.1060	5.606285e-05	7.669292e-05	1.924477e-05	6.825256e-04
## SPAC14C4.01c	7.342280e-04	-1.438047e-03	-1.707894e-03	2.267368e-03
## SPAC19D5.07	2.345209e-05	5.065058e-04	-1.994442e-05	2.082855e-04
## SPNCRNA.1062	-2.726698e-05	-4.010127e-05	8.253015e-05	2.122407e-04
## SPAC14C4.03	2.231683e-05	1.291691e-04	-1.628468e-05	6.173348e-06
## SPAC14C4.04	-8.574709e-04	-2.724935e-04	-9.880939e-04	3.889874e-03
## SPAC14C4.05c	-1.087674e-03	-5.189505e-04	-9.975961e-04	1.765441e-03
## SPAC14C4.07	1.142888e-03	1.356978e-03	-2.579306e-03	8.617437e-03
## SPAC14C4.08	8.620436e-05	-4.066468e-04	-2.607241e-05	-2.201050e-04
## SPAC14C4.09	-1.924338e-03	-5.901550e-04	1.186812e-03	7.170206e-03
## SPAC14C4.10c	-6.661062e-04	-8.530470e-04	4.028402e-04	-4.792261e-05
## SPAC14C4.11	-3.009706e-03	-4.209138e-04	-2.473596e-03	5.341833e-03
## SPNCRNA.261	-1.432610e-04	-9.930071e-05	-4.457785e-05	-9.517713e-05
## SPAC14C4.13	-4.391759e-04	-5.929776e-04	8.477656e-04	1.410374e-03
## SPAC14C4.14	-9.751033e-03	-3.916394e-03	3.313322e-03	2.378782e-03
## SPAC14C4.15c	1.584841e-04	3.722114e-04	-9.749743e-04	2.298530e-03
## SPAPJ760.03c	-1.050082e-03	2.035187e-03	3.113166e-03	2.619088e-03
## SPNCRNA.1064	-5.264179e-05	8.461510e-05	7.178664e-05	1.353551e-04
## SPAC2H10.02c	5.417007e-04	-5.873196e-04	-1.424039e-03	2.162952e-03
## SPAC11E3.03	7.373346e-04	-1.287121e-03	9.173675e-04	4.263717e-04
## SPAC11E3.04c	-1.218223e-03	-2.390874e-04	-7.343996e-04	-3.714099e-04
## SPAC11E3.07	3.821368e-04	-9.585353e-04	5.297265e-04	1.075794e-02
## SPAC11E3.08c	1.255786e-04	4.711054e-04	-6.539861e-05	5.048435e-04
## SPAC11E3.12	-1.731836e-04	3.748311e-04	-5.814733e-05	9.580032e-04
## SPAC11E3.13c	-9.172707e-03	3.686897e-03	2.754457e-03	3.006769e-03
## SPNCRNA.1068	-6.379104e-05	-2.549628e-04	1.206112e-04	-1.620000e-04
## SPAC11E3.15	9.583871e-04	-3.757817e-02	1.068364e-02	-6.192738e-03
## SPNCRNA.1070	-2.161361e-04	-5.990417e-04	-2.692695e-04	-1.753747e-04
## SPAP8A3.05	1.000951e-03	-4.185594e-04	-1.045818e-03	1.427996e-03
## SPAP8A3.06	1.750503e-05	-2.898780e-03	1.332115e-03	-2.180487e-03
## SPNCRNA.525	-1.012441e-04	1.081870e-04	-6.608182e-05	-2.090378e-04
## SPNCRNA.1073	-5.001313e-04	2.063069e-04	1.047148e-04	4.571445e-04
## SPAP8A3.10	3.748101e-04	-1.202431e-03	-1.184133e-03	2.045965e-03
## SPAP8A3.12c	1.732780e-03	-1.729216e-02	-1.759875e-03	1.676256e-02
## SPAP8A3.13c	-2.605396e-04	-4.983679e-04	-9.791631e-04	4.034474e-03
## SPAC4D7.01c	-2.092583e-03	4.334434e-03	-5.723939e-03	2.739340e-03
## SPNCRNA.1075	-7.291792e-05	9.962401e-05	2.335438e-05	-8.618492e-05
## SPAC4D7.04c	5.437008e-04	-7.805886e-05	-1.552137e-03	7.205427e-03
## SPAC4D7.05	1.333809e-02	-6.170341e-03	1.606546e-02	-8.115001e-03
## SPAC4D7.06c	1.633093e-04	-3.899153e-04	-3.988992e-04	9.284873e-05
## SPNCRNA.1077	-2.060703e-05	-2.877858e-04	1.013871e-04	7.610455e-05

## SPAC4D7.07c	5.530083e-04	-4.563380e-04	4.207363e-04	1.209685e-03
## SPAC4D7.08c	1.280547e-02	8.095942e-03	-2.221809e-03	1.070848e-02
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	-1.679076e-04	-4.804628e-05	-1.702330e-04	1.136355e-04
## SPAC4D7.09	8.923711e-04	-4.147000e-03	-1.173988e-03	-5.912093e-04
## SPAC4D7.14	-2.125671e-04	-2.270947e-05	2.915373e-05	4.230407e-05
## SPAC3G6.04	1.043803e-03	-5.336902e-04	4.236463e-04	-3.606636e-04
## SPAC3G6.06c	2.729980e-04	-2.812282e-04	-1.677718e-04	1.509945e-03
## SPAC3G6.07	8.794664e-04	-2.204449e-04	1.939953e-04	4.724019e-04
## SPAC3G6.11	-1.444141e-05	-1.054404e-04	-1.994868e-03	4.109590e-03
## SPAC3G6.13c	-1.129991e-02	-6.008333e-02	-4.782592e-02	4.910626e-02
## SPNCRNA.267	-2.359540e-05	-4.299183e-05	9.701779e-05	-1.796731e-04
## SPAC29B12.02c	3.480540e-03	-6.639221e-03	-3.919745e-03	1.392201e-02
## SPAC29B12.04	2.263714e-02	2.022329e-02	-1.261380e-03	-2.298345e-02
## SPAC29B12.05c	2.395052e-04	-5.333000e-04	-2.560580e-05	7.759490e-04
## SPNCRNA.1081	3.267988e-04	8.194130e-04	-2.398893e-04	2.770894e-04
## SPAC29B12.06c	3.089526e-04	4.191531e-04	-6.505627e-04	5.852283e-03
## SPAC29B12.07	5.945602e-04	-3.932366e-03	-2.485210e-03	7.027517e-03
## SPNCRNA.1082	5.933719e-04	1.253486e-03	-4.226479e-05	6.378348e-04
## SPNCRNA.270	1.717836e-06	1.401977e-05	-1.858514e-05	-4.176615e-05
## SPAC29B12.08	2.092573e-03	-1.145453e-03	-8.114955e-04	5.611723e-03
## SPAC29B12.10c	1.241177e-02	1.290065e-03	-4.825603e-03	2.961679e-02
## SPAC29B12.11c	2.874292e-03	-1.971470e-04	2.262278e-04	1.148508e-03
## SPATRNASER.04	-2.581000e-03	2.549807e-03	1.627466e-03	-2.362212e-03
## SPAC29B12.13	-7.807302e-07	-2.572257e-04	3.975120e-04	9.647883e-04
## SPNCRNA.271	2.934975e-05	3.640537e-05	5.139308e-05	1.398301e-05
## SPNCRNA.272	5.733674e-06	-1.714519e-05	-3.730691e-05	9.987743e-06
## SPAC1039.01	1.394093e-03	5.468304e-04	-2.460407e-03	4.459488e-03
## SPAC1039.02	1.652212e-02	1.784737e-02	-1.598224e-02	2.868435e-02
## SPAC1039.03	2.371200e-04	1.153004e-04	-1.873270e-03	1.816150e-03
## SPAC1039.05c	1.426499e-03	-5.244944e-04	-8.979821e-04	4.311744e-03
## SPNCRNA.1084	-1.021268e-04	-1.841810e-04	5.855390e-05	-1.283122e-04
## SPAC1039.06	3.188196e-04	1.331746e-03	-1.405961e-03	1.378739e-03
## SPNCRNA.1085	-5.654241e-05	-4.523635e-05	2.174850e-05	-1.583817e-04
## SPAC1039.08	2.031256e-04	-2.811567e-04	-4.368588e-04	4.807101e-04
## SPNCRNA.1086	5.304313e-05	-3.439475e-05	-3.837958e-04	2.805171e-04
## SPNCRNA.275	-8.927935e-05	2.562864e-05	-7.324459e-07	-6.180481e-05
## SPAC1039.09	3.257130e-05	8.393451e-04	-5.227653e-04	7.104672e-04
## SPAC1039.11c	-4.531036e-05	-1.228725e-04	-3.089867e-04	8.821100e-04
## SPNCRNA.1087	4.480684e-04	1.908619e-04	-6.777809e-04	1.722316e-03
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	2.540612e-05	5.454726e-04	-9.135805e-05	3.905142e-04
## SPNCRNA.1089	-1.238541e-04	3.827721e-05	-2.719019e-04	1.158424e-04
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-1.241574e-02	-1.018659e-02	-1.065612e-02	5.602230e-02
## SPNCRNA.278	-6.436208e-05	-5.532517e-06	-9.707060e-05	-1.988319e-05
## SPAC922.06	1.642918e-03	1.074818e-03	-1.484177e-03	1.476717e-03
## SPAC922.07c	-1.078930e-03	1.513613e-04	-3.970224e-04	8.488899e-04
## SPNCRNA.1090	-1.547924e-04	-3.349041e-05	9.621899e-05	1.045280e-04
## SPNCRNA.1091	-2.336182e-04	-4.408344e-04	-4.742023e-05	4.475665e-05
## SPNCRNA.1093	1.008250e-05	-4.753434e-05	-5.082049e-05	1.131069e-04
## SPAC869.06c	1.348843e-04	-6.769009e-04	5.198141e-05	5.152903e-04
## SPNCRNA.279	-1.038313e-05	-6.586220e-05	-9.917661e-05	-5.480901e-06
## SPAC869.05c	1.667460e-03	-9.370262e-04	-1.055874e-04	1.004389e-03

## SPAC869.04	3.319248e-06	-3.283923e-05	7.412350e-06	1.870139e-05
## SPAC869.03c	8.437153e-06	-2.293482e-05	1.058318e-06	3.785616e-05
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	-2.943355e-05	1.466355e-04	-2.391827e-05	-1.502170e-05
## SPAC869.02c	-5.698215e-03	-1.011902e-03	-1.337333e-04	3.557864e-03
## SPAC869.01	-8.995277e-05	-8.105626e-05	-2.608251e-05	6.326877e-05
## SPAC186.01	-5.221304e-04	-1.003352e-03	-9.400106e-04	5.284285e-04
## SPNCRNA.96	1.329651e-05	-1.682247e-05	1.615744e-05	1.044944e-05
## SPAC186.03	6.433715e-06	3.121623e-05	-4.955564e-05	4.530732e-05
## SPAC186.04c	2.531807e-05	5.202892e-04	1.099407e-05	-1.378030e-04
## SPAC186.06	2.389125e-04	1.595976e-04	-2.797473e-05	-1.611693e-05
## SPNCRNA.310	-4.879767e-06	1.355852e-06	-2.377333e-06	-2.013544e-06
## SPAC750.01	2.589004e-04	2.224637e-04	6.300667e-04	1.114467e-04
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	-6.443666e-05	3.385732e-06	7.396169e-05	-5.645097e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	5.268830e-05	-3.134064e-05	-3.645261e-05	6.640372e-05
## SPAC212.08c	-2.011472e-05	-1.106172e-04	3.365613e-05	1.794052e-04
## SPAC212.07c	9.746465e-05	7.278072e-05	4.623848e-05	-4.540253e-06
## SPAC212.06c	3.898210e-05	3.167852e-06	-1.623228e-05	-1.651411e-04
## SPAC212.05c	-7.904722e-07	2.462734e-06	-1.614217e-05	7.824996e-06
## SPAC977.01	-7.457549e-06	-7.639807e-06	5.959264e-05	-2.009343e-05
## SPAC977.18	8.441427e-06	1.333098e-05	3.401122e-05	2.506661e-05
## SPAC977.02	8.675686e-06	-8.059935e-06	-1.969791e-05	-8.181217e-06
## SPAC977.06	-4.788080e-05	-1.989012e-05	-2.530453e-05	3.414949e-05
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	1.050358e-04	-1.141383e-03	3.037353e-04	9.292437e-04
## SPAC977.10	-3.911513e-04	-8.040147e-05	-2.404397e-04	3.329033e-03
## SPAC977.12	4.569031e-03	9.861514e-04	-1.178107e-03	7.148791e-04
## SPAC977.14c	-3.400774e-03	-3.885344e-03	2.246687e-03	-2.907879e-04
## SPAC977.17	3.120545e-03	-6.508826e-04	-2.625620e-03	4.545107e-03
## SPNCRNA.137	2.801450e-05	-7.735751e-05	-3.581833e-05	8.974971e-06
## SPNCRNA.83	-2.265219e-04	4.826872e-04	-5.796640e-06	-2.978874e-04
## SPAPJ695.02	9.503364e-05	-1.311778e-05	-2.250788e-04	2.344596e-04
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	8.410848e-05	2.478348e-05	6.471679e-06	2.092339e-04
## SPAC1F8.02c	-9.889724e-07	-5.492062e-06	-4.932005e-05	6.099310e-05
## SPAC1F8.03c	7.003956e-03	-2.968796e-03	-3.056918e-03	1.490808e-02
## SPNCRNA.604	1.751522e-04	-5.794191e-05	-5.157405e-04	5.794023e-04
## SPNCRNA.139	-9.995132e-07	5.036316e-06	-5.908910e-06	2.950285e-06
## SPNCRNA.605	1.183521e-03	-1.183211e-03	-1.612445e-03	4.877290e-03
## SPAC1F8.04c	-4.443000e-05	-1.681649e-04	-2.735650e-05	1.864923e-04
## SPNCRNA.606	1.705809e-04	4.810779e-05	2.979127e-04	-5.081775e-04
## SPAC1F8.05	-3.945918e-05	4.934951e-05	-3.341251e-06	7.565331e-05
## SPAC1F8.07c	5.242572e-02	-7.089145e-02	2.365400e-02	8.182939e-02
## SPAC11D3.04c	9.529178e-03	6.315575e-04	-3.733173e-03	1.670859e-03
## SPAC11D3.06	1.131430e-03	1.063086e-03	-1.491371e-03	1.815412e-03
## SPAC11D3.09	4.786732e-04	1.018359e-03	1.229746e-04	-1.690020e-04
## SPAC11D3.10	3.653850e-04	-2.392675e-04	-4.869975e-04	1.336602e-03
## SPAC11D3.13	1.124858e-03	-9.177066e-04	-2.101887e-03	7.003649e-03
## SPAC11D3.15	7.542351e-04	-5.798156e-03	-5.268150e-03	1.081734e-02
## SPAC11D3.17	3.091844e-04	2.879854e-04	-7.140522e-04	8.019779e-04
## SPNCRNA.611	3.826105e-04	-5.763191e-04	2.047789e-04	3.269606e-04
## SPAC5H10.02c	-3.061928e-04	-9.177942e-04	3.522021e-04	1.031483e-03

## SPNCRNA.613	1.789266e-04	1.605921e-04	-1.634266e-04	-1.226626e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-1.265407e-03	4.304738e-04	-1.181560e-03	1.437409e-03
## SPAC5H10.07	3.726093e-04	1.347041e-04	-3.171290e-04	-1.183098e-04
## SPNCRNA.614	3.012705e-04	-5.529985e-04	-4.064523e-04	3.868709e-04
## SPNCRNA.615	8.296521e-05	-2.102619e-05	-2.467531e-04	-5.840808e-05
## SPNCRNA.616	2.411689e-04	-2.669370e-04	-2.791139e-04	2.110490e-04
## SPAC13G6.02c	3.416549e-03	-2.125176e-02	-7.305699e-03	1.954696e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-7.130153e-04	-3.069527e-03	-1.400740e-03	5.002211e-03
## SPAC13G6.05c	-2.176289e-04	-1.146109e-03	-3.215737e-04	5.914907e-05
## SPAC13G6.06c	4.030986e-03	2.833466e-04	-3.382552e-03	1.631756e-02
## SPAC13G6.07c	2.516978e-02	-2.308165e-02	1.671452e-02	-8.702117e-04
## SPAC13G6.08	1.361771e-04	5.381123e-04	-4.973775e-04	3.966145e-04
## SPNCRNA.619	-1.224840e-03	-7.436675e-04	1.617526e-04	-1.811072e-03
## SPAC13G6.09	4.031826e-04	-1.398976e-03	-1.516741e-03	3.803052e-04
## SPAC13G6.10c	-8.791737e-03	-5.531765e-03	5.529959e-03	1.302212e-02
## SPAC13G6.11c	1.692973e-03	-2.205487e-03	-2.108165e-03	3.472193e-03
## SPAC13G6.12c	9.271421e-04	1.133046e-03	2.992217e-04	-6.088777e-04
## SPAC13G6.13	7.901905e-07	1.514567e-05	-1.007890e-05	-1.123722e-05
## SPAC24B11.06c	1.377552e-03	-1.962387e-03	-9.514744e-04	-1.392943e-03
## SPNCRNA.622	1.803220e-04	4.357838e-04	-2.881583e-04	1.024008e-03
## SPAC24B11.07c	-6.606325e-04	-1.854320e-03	1.564985e-04	7.286577e-04
## SPNCRNA.623	4.567870e-04	-3.767100e-04	-6.842738e-04	1.851179e-04
## SPAC24B11.10c	-4.937263e-04	-2.880759e-03	-1.649426e-03	5.661406e-03
## SPAC24B11.14	2.166302e-05	1.429962e-04	1.526286e-04	3.492717e-04
## SPAC24B11.13	1.215273e-03	-1.319306e-03	-4.041303e-04	1.824822e-03
## SPAC806.03c	1.847112e-03	-5.391194e-03	-1.127357e-03	2.299631e-03
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	3.901019e-04	-2.902833e-03	-1.311583e-04	2.757775e-03
## SPAC806.05	-8.612831e-04	-1.150306e-03	-1.323851e-03	1.169773e-03
## SPNCRNA.629	-1.863942e-06	-2.425690e-04	5.238031e-04	-5.821703e-04
## SPAC806.08c	-4.813876e-04	-8.508814e-04	-5.113608e-04	2.247025e-03
## SPAC1639.01c	4.022262e-03	-1.719610e-03	-3.272367e-03	8.864085e-03
## SPAC1639.02c	2.467602e-04	-1.157288e-03	-3.828556e-03	1.058422e-02
## SPNCRNA.631	1.544802e-05	4.125249e-05	-9.891284e-07	2.383013e-05
## SPAC1F5.10	-2.156302e-04	-7.671738e-04	-2.111429e-03	8.036506e-04
## SPNCRNA.634	-4.714942e-04	6.618152e-04	-6.551723e-04	-6.870088e-05
## SPAC1F5.09c	-2.482523e-04	2.103570e-04	-3.638717e-04	4.515583e-04
## SPAC1F5.08c	-6.865121e-05	-1.278093e-03	1.069664e-03	2.472926e-03
## SPAC1F5.06	-3.978767e-04	-1.986792e-03	-3.985789e-03	6.255375e-03
## SPAC1F5.05c	-1.777700e-04	8.201363e-04	-7.738882e-04	5.668066e-04
## SPAC1F5.03c	3.817909e-03	-4.660230e-04	-1.522299e-03	9.827540e-03
## SPAC18B11.11	6.897242e-04	1.068299e-04	-1.911712e-03	6.924985e-03
## SPAC18B11.06	-1.088353e-03	-1.040863e-04	-4.729372e-04	-2.075160e-03
## SPAC18B11.05	-1.824970e-04	-2.876258e-05	-4.895001e-04	6.705263e-04
## SPAC18B11.03c	-3.280849e-05	1.097944e-04	-5.931465e-04	5.744253e-04
## SPAC12G12.16c	-8.987769e-04	-4.338472e-04	4.284686e-04	4.217054e-04
## SPAC12G12.13c	1.102591e-03	-1.224780e-03	-2.124561e-03	5.690912e-03
## SPAC12G12.12	1.419158e-03	9.380044e-04	-1.755183e-03	2.645198e-03
## SPAC12G12.11c	4.806685e-04	-4.757786e-04	-1.012536e-03	2.595245e-03
## SPAC12G12.17	1.545250e-04	-2.838787e-04	-3.026217e-04	1.489048e-04

## SPAC12G12.08	1.653175e-03	-2.409765e-03	-8.795913e-05	3.455892e-03
## SPAC12G12.07c	-1.557981e-03	-5.066065e-03	-8.896078e-04	6.301837e-03
## SPAC12G12.05c	-5.549333e-04	-4.158942e-04	2.611132e-04	9.064487e-04
## SPSNORNA.29	2.405015e-03	-8.246710e-03	-2.529366e-03	-8.710073e-03
## SPAC12G12.04	7.861409e-02	-2.681148e-02	-3.989809e-02	2.229982e-02
## SPAC12G12.02	6.004848e-04	-2.153716e-03	-2.031432e-03	2.243637e-03
## SPNCRNA.640	-1.258686e-04	2.088929e-04	-1.666170e-04	2.002959e-04
## SPAC12G12.01c	-1.496788e-03	-2.262254e-04	-6.528489e-05	5.291544e-03
## SPAC630.04c	-3.333413e-04	-1.062550e-03	-8.471267e-04	2.063885e-03
## SPAC630.03	-5.679450e-04	-2.647859e-03	-3.538600e-04	2.664545e-03
## SPAC630.06c	1.519431e-04	-9.295260e-04	-8.457377e-05	5.372126e-04
## SPAC630.07c	2.904395e-04	8.407335e-05	-7.281362e-04	2.494379e-04
## SPNCRNA.641	2.404316e-04	7.388991e-05	-2.943444e-05	2.632733e-04
## SPAC630.08c	8.696718e-03	-3.320590e-03	4.124745e-04	1.385204e-02
## SPNCRNA.642	-2.511072e-04	-1.984765e-04	1.785703e-04	-4.655755e-05
## SPAC630.09c	-1.144480e-03	-2.745324e-03	-5.021677e-04	1.521861e-03
## SPAC630.10	6.085019e-04	-6.938658e-04	-8.059945e-04	2.093006e-03
## SPAC1751.03	2.926608e-03	-6.029482e-03	3.375934e-04	-6.604796e-03
## SPAC31A2.05c	1.672749e-04	-8.522852e-04	1.018196e-03	2.270410e-03
## SPAC31A2.08	-1.155421e-03	1.966120e-04	-2.491490e-03	2.704127e-03
## SPAC31A2.10	1.353964e-04	3.642507e-04	2.621286e-04	-4.240303e-05
## SPAC31A2.15c	-1.560852e-04	-9.984365e-05	-1.517263e-03	3.210988e-03
## SPAC13C5.02	7.017671e-04	-1.028002e-03	1.571733e-04	2.618805e-03
## SPAC13C5.03	1.115202e-03	-6.517871e-04	-1.318458e-03	8.801798e-04
## SPSNORNA.01	-6.912583e-03	1.224804e-02	-2.907831e-03	1.611879e-03
## SPNCRNA.646	9.502574e-04	-9.087926e-05	1.939995e-04	9.734027e-04
## SPAC13C5.07	-7.453426e-03	-6.276628e-03	-1.119506e-02	1.002832e-02
## SPNCRNA.647	4.585913e-04	1.592746e-04	-6.944529e-04	5.574865e-04
## SPNCRNA.648	6.779372e-04	-5.494886e-04	7.640664e-04	2.171303e-04
## SPAC23E2.01	8.073728e-03	4.263869e-04	-6.574181e-03	1.016080e-02
## SPNCRNA.649	6.195448e-05	-1.018204e-04	-2.126560e-04	2.009131e-04
## SPAC23E2.03c	1.084072e-04	1.239584e-04	-4.525141e-04	6.402149e-04
## SPNCRNA.650	-3.322143e-05	-6.122569e-05	8.631149e-05	1.543790e-04
## SPAC24H6.13	7.547342e-03	9.443218e-03	-8.328438e-04	3.011136e-02
## SPNCRNA.651	7.930006e-05	6.477502e-04	2.224835e-04	-2.124362e-04
## SPAC24H6.10c	1.132031e-02	2.287943e-03	-3.156071e-03	6.001830e-03
## SPAC24H6.08	2.435609e-04	-3.111857e-04	-4.747460e-04	1.868605e-04
## SPAC24H6.05	-2.610334e-03	-1.433773e-03	-2.561333e-05	2.552557e-03
## SPAC24H6.03	1.005277e-03	-1.997667e-03	-5.790322e-04	1.509354e-03
## SPNCRNA.47	-1.078858e-04	-1.400525e-04	9.868874e-05	-3.406657e-04
## SPAPB21F2.02	-8.027520e-06	1.074864e-03	-1.115459e-03	1.041098e-02
## SPAPB21F2.03	-1.005184e-05	-5.147948e-04	1.412772e-04	-2.077082e-04
## SPAC227.01c	-8.182309e-04	-2.566427e-04	-1.442109e-04	-8.669145e-04
## SPAC227.02c	1.713862e-04	7.573925e-05	-1.682765e-04	1.769015e-03
## SPAC227.03c	2.908305e-04	4.001199e-04	7.134663e-06	6.795305e-04
## SPNCRNA.656	-2.440483e-04	1.694613e-04	-3.340677e-04	-9.384934e-05
## SPAC227.04	-1.107388e-03	4.918557e-04	-3.974865e-04	5.343693e-04
## SPNCRNA.658	9.972253e-05	8.847743e-05	1.418319e-04	5.440610e-05
## SPAC227.14	-1.914034e-03	-5.369686e-05	-1.878059e-04	2.872074e-04
## SPAC227.15	-1.717582e-03	-2.927835e-04	-2.071266e-03	4.047495e-03
## SPNCRNA.659	-4.489468e-04	1.253004e-03	-4.180084e-04	1.377313e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	2.485556e-04	-7.074011e-04	-8.145101e-04	-4.288002e-04
## SPAC227.18	5.043527e-03	-6.710946e-04	3.246746e-04	5.317283e-04

## SPAC2F7.02c	4.333610e-04	-1.080207e-04	-1.542004e-03	2.217383e-03
## SPAC2F7.03c	1.057378e-03	-3.338520e-03	-4.895894e-04	5.951943e-03
## SPAC2F7.05c	1.087942e-02	-4.293918e-03	-1.380401e-03	-4.958614e-03
## SPAC2F7.06c	1.440710e-04	6.874760e-05	-7.513281e-05	1.584359e-04
## SPAC2F7.07c	1.449824e-04	-1.302053e-05	-9.308999e-04	4.339148e-03
## SPAC2F7.08c	8.868929e-05	-2.262231e-04	-1.474159e-03	1.976723e-03
## SPAC2F7.09c	9.519580e-04	-7.090706e-05	-1.764939e-03	3.974804e-03
## SPAC2F7.10	7.800513e-04	6.934488e-04	8.913196e-05	3.844585e-03
## SPAC2F7.11	9.092022e-04	-9.527717e-04	-6.537429e-04	6.381038e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-3.007038e-04	-1.281550e-03	-8.821539e-04	2.817877e-03
## SPAC2F7.16c	-1.280508e-04	-1.471203e-03	1.073250e-04	3.810072e-03
## SPAC2F7.17	7.763564e-05	-1.001656e-04	-1.107733e-03	2.013868e-03
## SPAC13A11.02c	4.488044e-03	3.815870e-04	-3.020651e-03	7.142853e-03
## SPNCRNA.155	8.996433e-06	-3.804696e-05	2.346697e-05	-7.299737e-05
## SPNCRNA.662	-3.753854e-05	-4.530177e-05	-1.658626e-04	1.842597e-04
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	1.153463e-04	2.559605e-04	-6.845963e-06	3.927650e-04
## SPAC3H8.05c	-8.139013e-04	-1.199492e-03	-5.468869e-04	2.880475e-03
## SPNCRNA.664	1.887360e-05	7.408134e-05	-9.868673e-05	-1.785540e-04
## SPNCRNA.665	3.152630e-05	6.967475e-05	-3.325746e-05	-2.419308e-05
## SPAC3H8.06	-4.096827e-04	-9.173349e-04	-4.503949e-04	6.378820e-04
## SPAC3H8.07c	2.119762e-04	-2.414411e-04	-5.124747e-04	1.880373e-03
## SPNCRNA.666	3.591092e-04	4.801380e-04	-1.159091e-03	1.632383e-03
## SPAC3H8.09c	-2.111462e-04	-4.677358e-04	-1.154971e-03	5.353378e-03
## SPAC1F3.07c	8.355598e-04	-8.180857e-04	-2.501134e-04	4.489354e-04
## SPNCRNA.668	6.742262e-04	-1.419954e-04	-1.173923e-03	1.278547e-03
## SPAC1F3.08c	-7.115786e-06	-5.737527e-06	-1.658005e-06	8.346410e-06
## SPAC1F3.09	-2.119744e-04	-4.069156e-03	7.076634e-03	6.736284e-03
## SPNCRNA.669	4.753506e-04	-5.797966e-04	-4.100907e-04	-5.706773e-04
## SPAC1F3.10c	-2.961081e-05	1.250216e-05	3.183115e-04	6.113163e-04
## SPAC1D4.04	3.793747e-03	-7.549662e-04	1.535093e-03	-8.513546e-03
## SPAC1D4.06c	-6.788027e-04	5.705779e-04	-4.700984e-04	1.197429e-03
## SPAC1D4.08	-1.363482e-03	-1.079904e-03	-7.975327e-04	-9.537866e-04
## SPAC1D4.09c	-7.526762e-04	-8.138289e-04	-8.230933e-04	1.134251e-03
## SPAC1D4.11c	-1.586632e-03	9.245591e-04	-1.541392e-03	5.331161e-03
## SPNCRNA.672	-6.158667e-04	-6.004186e-05	-3.357002e-04	-1.307882e-04
## SPNCRNA.673	-7.148250e-05	-5.460771e-05	1.092770e-05	-4.482204e-05
## SPAC1D4.13	-3.113956e-04	-1.292393e-03	-2.164720e-03	2.439635e-03
## SPNCRNA.674	-6.873304e-04	5.867236e-05	-6.979528e-04	4.873587e-04
## SPAC22F3.12c	1.659135e-04	-2.511749e-05	-2.017646e-04	8.126724e-04
## SPAC22F3.09c	3.980313e-04	-9.131882e-04	-3.994031e-04	1.277800e-03
## SPAC22F3.15	1.072849e-04	-1.092307e-04	-2.470614e-04	5.318387e-04
## SPAC22F3.06c	7.411917e-03	-6.395023e-03	-6.889202e-03	1.852247e-02
## SPAC22F3.04	-7.531672e-05	-2.418322e-05	4.133998e-05	-1.974223e-05
## SPATRNAVAL.02	1.051702e-02	-4.320399e-03	-3.657568e-03	-9.124140e-03
## SPAC22F3.02	3.390653e-04	-3.950264e-05	-2.416264e-05	-7.144345e-05
## SPAC1296.01c	-7.642897e-04	-2.293345e-03	1.971504e-03	-3.450657e-04
## SPAC1296.02	-5.776237e-04	-5.944990e-04	2.293270e-03	1.728349e-03
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	2.058034e-03	4.341845e-04	-3.347799e-03	8.140253e-03
## SPAC1296.06	8.441627e-04	-1.051707e-03	-8.331963e-05	3.067502e-03
## SPAC22G7.02	-1.791479e-03	1.475299e-03	-1.222468e-03	7.731831e-03
## SPAC22G7.04	-2.459871e-03	-7.965842e-04	1.149587e-03	1.404785e-03

## SPAC22G7.06c	3.364231e-02	-3.986088e-02	3.558629e-02	2.548429e-03
## SPAC22G7.07c	6.538347e-05	1.190857e-04	4.144485e-04	4.747823e-04
## SPAC22G7.08	6.685856e-04	-3.758240e-04	-1.592898e-04	-6.552142e-04
## SPAC22G7.11c	-1.706172e-04	-3.877635e-04	2.901428e-05	7.210568e-04
## SPNCRNA.679	2.026225e-04	-2.369799e-05	4.373144e-05	-1.216974e-04
## SPNCRNA.680	4.800137e-04	3.531192e-04	-3.834546e-04	3.427600e-04
## SPAC4G8.04	-5.895643e-05	-7.771095e-04	6.421099e-04	5.884780e-04
## SPAC4G8.05	-3.908104e-04	-1.913667e-03	-1.607265e-03	4.784597e-03
## SPAC4G8.07c	1.134052e-03	-1.062842e-03	-9.550101e-04	2.004644e-03
## SPNCRNA.681	-2.162742e-05	-2.570781e-05	3.520449e-05	-2.469081e-05
## SPNCRNA.682	2.533544e-04	-1.564759e-04	2.975858e-04	1.334457e-04
## SPAC4G8.09	-1.923740e-03	-1.807796e-03	-7.723067e-04	2.661954e-03
## SPNCRNA.683	-1.826669e-04	1.462531e-04	-3.852418e-04	5.626766e-04
## SPAC4G8.10	9.488547e-04	-6.135969e-04	-1.376419e-04	4.900574e-04
## SPNCRNA.684	1.082719e-05	-1.427387e-04	9.647895e-05	1.380229e-04
## SPAC16C9.01c	-6.186096e-04	-1.990955e-03	5.052682e-04	1.174657e-03
## SPNCRNA.685	8.787541e-05	-8.609534e-05	8.339101e-05	-1.674263e-04
## SPNCRNA.686	-2.090000e-04	3.147955e-05	1.316938e-04	8.431790e-05
## SPAC16C9.02c	1.008622e-02	-4.566796e-04	-5.620718e-03	1.502403e-03
## SPAC16C9.03	-1.947635e-03	-4.263803e-03	1.433175e-03	-3.489606e-03
## SPAC16C9.04c	3.724637e-04	-2.595640e-03	-2.640911e-04	2.719354e-03
## SPNCRNA.687	2.852011e-04	3.432903e-04	-1.461925e-04	6.139600e-05
## SPAC16C9.06c	-5.670266e-03	-4.601375e-03	7.609158e-04	-2.553219e-03
## SPAC16C9.07	2.322818e-04	-9.448671e-04	-1.963486e-03	8.497154e-03
## SPAC2G11.04	-8.546604e-05	1.132519e-04	-8.037791e-04	1.549686e-03
## SPAC2G11.05c	-3.986217e-04	2.981469e-04	-3.363376e-04	1.466598e-03
## SPAC2G11.08c	-6.615985e-04	5.046626e-04	-5.644841e-04	1.456003e-03
## SPAC2G11.10c	-1.396320e-03	1.888365e-04	4.745894e-04	5.263291e-04
## SPNCRNA.689	-3.958110e-05	1.001685e-04	3.563131e-05	1.606299e-04
## SPAC2G11.11c	-1.049554e-03	-3.255713e-03	-4.923525e-04	2.218764e-03
## SPNCRNA.690	-4.946355e-05	-2.345012e-04	9.599211e-05	2.728463e-04
## SPAC2G11.13	4.314302e-04	9.515896e-04	-1.067768e-04	3.965006e-03
## SPAC2G11.14	-1.527430e-04	-6.200663e-03	-1.688435e-03	7.274881e-03
## SPAC2G11.15c	-3.053280e-05	-8.630865e-04	-2.781024e-04	-7.451225e-04
## SPAC521.04c	9.405978e-04	-1.094625e-04	-9.768298e-04	5.181306e-03
## SPNCRNA.693	-3.619580e-05	-2.603636e-05	-1.055676e-05	-1.875510e-05
## SPAC23G3.02c	2.645181e-03	-8.674428e-04	-1.063259e-03	3.752767e-03
## SPAC23G3.03	-1.192975e-04	-1.496895e-05	-2.090645e-03	2.009369e-03
## SPAC23G3.05c	-7.742371e-05	2.813221e-04	-5.013919e-04	2.436699e-04
## SPAC23G3.09	-1.810069e-04	-2.309459e-03	-2.084465e-03	5.069381e-03
## SPAC23G3.11	-1.972662e-03	-4.253505e-03	-2.363554e-03	6.814539e-03
## SPAC23G3.12c	9.914146e-04	-9.016779e-03	-8.738990e-04	2.127579e-03
## SPAC22H12.03	-4.048248e-05	-1.703460e-03	-1.133188e-04	3.986522e-04
## SPAC22H12.04c	4.146806e-02	-5.458634e-02	1.537585e-02	-4.174574e-02
## SPAC1687.02	-8.697676e-05	3.567780e-04	4.647529e-05	1.705033e-03
## SPAC1687.03c	1.916676e-03	1.912050e-03	1.772228e-03	1.544324e-03
## SPNCRNA.695	4.749896e-05	-4.324110e-04	-2.865510e-04	9.569699e-05
## SPRRNA.12	7.110773e-02	-1.266474e-02	2.905444e-01	3.323215e-01
## SPAC1687.07	4.627501e-05	-2.023975e-04	-7.550984e-04	6.051978e-04
## SPAC1687.08	2.481832e-04	-1.332393e-04	3.500592e-04	-1.838072e-04
## SPAC1687.09	-1.705134e-03	-4.303357e-03	-3.967395e-03	5.454248e-03
## SPAC1687.10	-6.972965e-04	4.156613e-04	-1.580440e-03	3.185692e-03
## SPAC1687.13c	3.689723e-04	-1.616657e-03	9.578384e-04	1.288886e-04
## SPAC1687.23c	2.987091e-06	4.130351e-07	-6.942552e-06	-5.339069e-06

## SPAC1687.15	7.428686e-04	3.836804e-04	-4.214568e-03	7.007923e-03
## SPNCRNA.697	1.290838e-04	-7.264626e-05	-1.619589e-04	1.479572e-04
## SPAC1687.21	-1.657316e-03	3.974668e-04	3.176374e-04	5.327495e-03
## SPAC1687.22c	-2.519563e-04	2.481143e-04	-7.671554e-04	2.147473e-03
## SPNCRNA.698	-2.972482e-04	-6.518027e-04	1.985483e-04	2.344905e-04
## SPNCRNA.699	-2.536021e-04	-1.739930e-04	3.944998e-04	6.616186e-04
## SPAC222.05c	6.285404e-04	7.719530e-05	-1.465540e-03	2.093571e-03
## SPNCRNA.700	-2.501686e-04	1.480556e-04	-4.129200e-05	3.966133e-04
## SPATRNAGLU.02	1.510234e-02	8.719049e-03	-1.007646e-01	8.730331e-03
## SPAC222.09	1.719264e-03	-2.013524e-03	-1.514949e-03	2.632423e-03
## SPAC222.10c	6.775740e-04	-6.386701e-04	-3.484865e-04	3.452454e-03
## SPAC222.11	3.422801e-03	1.279672e-03	-2.459310e-03	2.879785e-03
## SPAC222.12c	-3.343815e-02	-1.660834e-02	3.129131e-02	8.624761e-03
## SPAC222.13c	-3.125610e-04	-1.359733e-03	1.007814e-03	1.663364e-03
## SPAC222.14c	-3.291319e-04	-1.699278e-03	1.688603e-03	7.367300e-04
## SPNCRNA.50	-2.473743e-05	-3.367449e-05	-6.089690e-05	8.232839e-05
## SPAC821.03c	-8.105128e-04	-4.711467e-03	2.634648e-04	3.162092e-03
## SPAC821.04c	9.866103e-04	-1.216324e-03	-9.281872e-04	1.739216e-03
## SPSNRNA.03	-9.201801e-02	-1.379324e-01	-2.675997e-02	-1.177472e-01
## SPAC821.07c	1.293219e-03	-3.257491e-04	-1.487962e-03	3.176584e-03
## SPNCRNA.163	-5.330411e-05	-1.633835e-05	-7.952731e-06	1.779655e-05
## SPNCRNA.164	2.420161e-06	-8.983489e-08	-2.243594e-07	-1.536753e-05
## SPAC821.11	3.113998e-03	8.679872e-04	1.360634e-03	-1.027275e-02
## SPAC821.13c	-7.995920e-04	-4.805883e-03	-9.751166e-04	9.907913e-03
## SPAC139.03	4.117831e-04	1.935535e-03	-1.120385e-03	2.385571e-03
## SPAC139.04c	-2.451617e-05	-8.443276e-04	5.468132e-05	-1.017894e-03
## SPNCRNA.705	2.170557e-05	1.116600e-05	3.268081e-05	7.060790e-05
## SPAC139.05	9.692392e-03	-1.061442e-02	-2.528343e-02	2.508465e-02
## SPNCRNA.706	7.394351e-04	-1.023967e-04	-4.659014e-04	1.607262e-03
## SPAC139.06	5.721132e-04	-1.755912e-04	-4.405316e-04	8.233678e-05
## SPNCRNA.707	-8.287903e-05	-2.512042e-05	-3.187027e-04	-1.335353e-04
## SPAC23C4.02	-4.293715e-03	-5.205771e-03	-1.089167e-03	9.643520e-03
## SPAC23C4.04c	2.438689e-05	-2.778548e-04	1.139932e-04	3.626203e-04
## SPAC23C4.07	2.344775e-04	5.384864e-04	-7.862603e-04	-2.988541e-05
## SPAC23C4.08	1.386233e-03	-2.180036e-03	-8.299659e-04	3.853470e-03
## SPNCRNA.708	-3.174114e-04	5.423088e-05	-6.549983e-04	4.263959e-04
## SPAC23C4.12	2.008633e-04	1.592101e-03	-1.361517e-03	2.888474e-03
## SPAC23C4.16c	-6.138304e-05	4.833655e-04	-1.459661e-03	2.645961e-03
## SPNCRNA.709	2.091615e-04	-2.498006e-04	-2.891119e-04	5.852684e-04
## SPNCRNA.166	-7.114449e-05	-5.985062e-05	-6.579794e-06	-5.935139e-05
## SPAC23C4.19	-1.162514e-03	-4.303618e-03	-3.171084e-03	1.035358e-02
## SPAC1A6.11	4.857305e-05	4.643273e-05	-1.916763e-05	2.960538e-05
## SPAC1A6.05c	3.634822e-04	-6.733592e-05	-3.528439e-03	-6.650084e-04
## SPAC1A6.07	1.870657e-03	-5.793240e-04	-3.484284e-03	5.207108e-03
## SPAC1A6.09c	1.798277e-03	-5.661990e-04	-2.896112e-03	1.468653e-02
## SPAC1A6.10	-1.505308e-03	-1.470855e-03	2.661166e-03	-2.676768e-03
## SPAC30D11.13	-2.176680e-04	-5.193199e-04	-1.043854e-03	1.553984e-03
## SPAC30D11.12	5.800977e-03	-1.655342e-02	7.806378e-04	-5.858417e-03
## SPAC30D11.11	6.628265e-03	-7.554299e-04	-6.566364e-03	7.785590e-03
## SPAC30D11.10	2.154533e-04	1.422303e-04	-3.414839e-04	1.576785e-03
## SPNCRNA.712	2.318885e-04	2.604372e-04	-5.210115e-04	1.763228e-04
## SPAC30D11.09	6.833086e-05	-2.162763e-03	-1.509744e-03	3.639220e-03
## SPAC30D11.08c	1.115277e-03	-4.523162e-04	-1.057626e-03	7.864634e-04
## SPAC30D11.04c	-2.241532e-04	-5.275740e-03	-3.709175e-03	1.157187e-02

## SPAC30D11.03	-5.845897e-04	-4.466812e-03	3.693859e-03	-6.554214e-03
## SPAC30D11.01c	-6.608166e-04	-1.547281e-03	-1.211010e-03	5.304982e-03
## SPNCRNA.713	2.640330e-04	-2.045174e-04	-3.960469e-04	9.441729e-04
## SPNCRNA.714	1.962049e-06	-9.225563e-06	1.488869e-05	-2.515932e-05
## SPAC56F8.03	8.451722e-03	-1.325971e-02	2.761548e-03	-7.474154e-03
## SPAC56F8.05c	7.032377e-03	-2.295703e-03	-4.728170e-03	-3.321426e-03
## SPNCRNA.715	-2.987124e-05	3.194330e-05	-9.102359e-05	-2.881895e-05
## SPAC56F8.07	-1.629771e-04	-4.283949e-04	3.469972e-04	3.380442e-04
## SPAC56F8.08	5.717673e-04	2.643840e-03	-5.861622e-04	1.473933e-03
## SPAC56F8.10	-1.518158e-04	-3.505845e-04	5.781117e-04	-5.391917e-03
## SPAC56F8.11	-3.132717e-04	-1.748399e-03	-2.086353e-03	2.623449e-03
## SPAC56F8.14c	8.575757e-04	-1.402340e-04	-1.691769e-03	1.436474e-03
## SPAC56F8.13	3.916501e-04	3.219363e-05	2.358848e-04	-3.406172e-05
## SPAC56F8.15	1.605326e-04	-3.555711e-04	3.749033e-04	7.983838e-04
## SPAC22A12.01c	-4.584456e-04	-1.186421e-03	-1.096068e-03	2.973822e-03
## SPAC22A12.03c	-8.275996e-04	-3.863434e-04	-1.728411e-04	2.322248e-03
## SPAC22A12.05	-3.048476e-03	6.246285e-04	1.442696e-04	1.596571e-03
## SPAC22A12.06c	2.709792e-03	7.360798e-04	-3.978731e-03	2.055250e-03
## SPNCRNA.718	6.653350e-05	-3.796670e-04	-5.631728e-04	6.132809e-04
## SPAC22A12.13	3.246977e-04	2.534403e-04	-1.404727e-03	2.234898e-03
## SPAC22A12.15c	4.622880e-02	-7.829190e-02	-2.514020e-02	-1.197492e-02
## SPAC22A12.16	2.365117e-02	5.003414e-03	-2.321497e-03	-7.422135e-03
## SPAC4C5.01	1.750300e-03	8.248222e-04	-1.935725e-03	4.944565e-03
## SPATRNAALA.02	1.195472e-04	-1.326148e-03	2.914267e-04	-8.013593e-04
## SPNCRNA.722	1.071117e-06	1.054169e-04	-2.829192e-04	7.920312e-04
## SPAC4C5.04	-7.002879e-04	-2.167630e-03	3.969048e-04	-7.468547e-04
## SPNCRNA.723	-1.566048e-04	-3.053352e-04	-2.515589e-04	8.485441e-05
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-1.108717e-02	1.332206e-02	3.457832e-02	1.308611e-03
## SPAC10F6.04	-9.740736e-04	-7.761283e-04	-1.225698e-03	2.200010e-03
## SPAC10F6.06	-2.228882e-02	-3.048006e-02	1.395181e-02	-2.103397e-03
## SPAC10F6.07c	5.396743e-04	1.523346e-04	-2.875189e-04	8.957367e-04
## SPNCRNA.554	1.378420e-04	-2.241418e-04	1.757453e-04	-1.406628e-04
## SPAC10F6.08c	-8.591342e-05	-4.453993e-04	-2.572281e-04	6.932653e-04
## SPAC10F6.09c	-1.720413e-03	-4.455853e-03	-7.464777e-04	1.021272e-02
## SPAC10F6.11c	1.137051e-04	-1.322451e-03	-1.083359e-03	3.205369e-03
## SPAC10F6.12c	9.996211e-05	-2.418287e-04	-1.025559e-03	1.071887e-03
## SPAC10F6.13c	1.795531e-03	-2.708534e-03	1.977312e-03	-4.977065e-03
## SPAC10F6.14c	7.246922e-04	-7.369804e-04	-9.723642e-04	1.007832e-03
## SPNCRNA.82	2.354185e-05	3.085264e-06	4.681392e-05	3.277083e-05
## SPNCRNA.727	-1.338033e-04	-3.882266e-04	-5.988769e-04	-1.141988e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	9.125404e-04	1.911830e-03	-1.211712e-03	1.620327e-04
## SPNCRNA.729	3.603843e-05	-3.701927e-06	-5.034236e-05	-1.893425e-05
## SPAC10F6.16	1.907501e-03	-2.691632e-03	7.779518e-04	2.462875e-03
## SPAC56E4.02c	-6.461800e-04	-5.160910e-04	-2.990376e-04	3.563319e-04
## SPAC56E4.04c	9.892302e-02	-5.025152e-02	-4.107387e-02	2.327373e-02
## SPAC56E4.05	8.699993e-04	1.105766e-05	-1.556725e-03	2.239309e-03
## SPAC56E4.06c	1.618392e-03	-4.941724e-04	-1.119332e-03	4.577720e-03
## SPAC1420.01c	5.191495e-04	-5.920482e-04	-3.840734e-03	6.777540e-03
## SPAPB17E12.04c	5.757122e-05	-5.249425e-04	-1.194718e-03	2.469062e-03
## SPAPB17E12.06	-2.555031e-04	4.051348e-04	-4.618982e-04	3.925637e-04
## SPAPB17E12.07c	1.756027e-04	-7.291722e-04	-1.114166e-04	1.099940e-04
## SPAPB17E12.08	-2.544645e-05	1.375278e-04	-6.082093e-04	1.012542e-03

## SPAPB17E12.10c	-6.415951e-04	-1.912905e-04	-1.049984e-04	2.102208e-03
## SPAPB17E12.09	8.281019e-05	1.073974e-05	-2.002467e-04	1.337377e-04
## SPAPB17E12.12c	-8.796959e-04	-5.278242e-04	-5.227571e-05	1.874942e-04
## SPAPB17E12.14c	-1.408257e-03	-7.273055e-04	-2.125275e-03	5.336151e-03
## SPAPB17E12.13	8.096227e-03	-5.503445e-03	1.007967e-02	2.581656e-03
## SPAC1565.01	-4.556570e-03	-2.655302e-03	2.444733e-03	7.191664e-03
## SPAC1565.02c	-1.324595e-03	-3.646832e-04	9.461963e-04	8.349214e-04
## SPAC1565.04c	4.372752e-04	-1.179469e-04	-7.623688e-04	1.470536e-03
## SPNCRNA.169	-1.696726e-05	-3.859477e-06	4.171088e-06	-2.072858e-05
## SPAC1565.08	-6.121133e-03	-4.000903e-02	-1.704446e-02	2.579834e-02
## SPAC6F12.02	5.013404e-04	-2.647181e-03	-2.166180e-03	6.741122e-03
## SPAC6F12.03c	4.504381e-04	-2.920288e-05	-2.148134e-03	2.964303e-03
## SPAC6F12.04	3.640821e-04	-4.624839e-04	5.836231e-04	3.211274e-03
## SPAC6F12.05c	-3.846583e-04	-2.530734e-04	1.002712e-03	2.150010e-03
## SPAC6F12.10c	3.738231e-02	2.733683e-03	-7.983618e-03	8.584886e-03
## SPNCRNA.734	3.897293e-06	2.814151e-05	-3.307960e-05	1.379504e-05
## SPAC6F12.11c	6.913841e-05	-5.127928e-04	2.103168e-04	4.696895e-03
## SPAC6F12.14	1.150682e-04	6.475601e-04	-5.119828e-04	3.347584e-03
## SPNCRNA.735	6.844989e-05	-3.117546e-04	2.022425e-04	-3.493098e-04
## SPAC6F12.16c	8.254921e-03	-1.295915e-03	-3.052202e-04	-3.469520e-03
## SPAC6F12.17	-1.831426e-03	-1.841119e-03	1.739347e-04	2.258526e-03
## SPNCRNA.736	-2.000448e-04	-5.020743e-04	-1.695513e-04	3.835956e-04
## SPNCRNA.737	2.298258e-04	8.920271e-05	-2.375362e-04	-3.093385e-05
## SPAC57A10.02	-1.045604e-03	5.284537e-04	-2.559936e-03	5.296423e-03
## SPNCRNA.739	1.001418e-04	1.251443e-04	1.743666e-04	-1.803597e-05
## SPAC57A10.04	1.347280e-04	-1.766163e-04	2.301740e-04	-4.116426e-04
## SPAC57A10.14	2.148496e-05	3.319759e-06	-3.162351e-04	2.841098e-04
## SPAC57A10.10c	6.143520e-03	-7.326635e-03	6.077323e-03	-8.801182e-03
## SPAC57A10.11c	-2.157350e-03	-2.674637e-04	-3.497514e-04	1.961781e-03
## SPAC20G8.01	1.701377e-03	-1.216834e-03	-3.038853e-03	2.791911e-03
## SPAC20G8.02	1.036605e-03	3.417531e-04	-3.714644e-03	7.910745e-03
## SPNCRNA.58	1.086284e-04	-1.724548e-05	-8.184236e-04	4.281806e-04
## SPAC20G8.03	3.809710e-03	1.523436e-03	-4.539162e-03	1.231910e-03
## SPNCRNA.740	-5.662184e-05	4.814612e-04	-4.298008e-04	5.776599e-04
## SPAC20G8.07c	-1.526865e-05	1.549775e-03	-2.361975e-05	-1.617780e-03
## SPATRNACYS.01	2.374241e-04	-2.144615e-03	-1.422094e-03	-5.863485e-04
## SPAC3A12.02	-9.748131e-04	-5.499776e-04	3.193700e-04	1.048343e-03
## SPAC3A12.03c	-6.442280e-04	-3.922433e-04	-1.004716e-03	5.195231e-04
## SPAC3A12.05c	-1.777843e-03	-1.655434e-03	-1.938843e-03	3.037898e-03
## SPAC3A12.06c	-1.010002e-03	-5.638959e-04	-1.539689e-03	1.772268e-03
## SPAC3A12.08	1.543006e-04	-1.025689e-04	5.426647e-04	2.966545e-04
## SPAC3A12.09c	1.161928e-03	-9.741114e-04	-1.084844e-03	3.048023e-03
## SPAC3A12.10	2.758585e-02	1.159233e-02	7.136190e-03	-1.165527e-02
## SPAC3A12.12	-6.244854e-05	-7.849918e-04	-4.597458e-04	5.680304e-04
## SPAC3A12.13c	-4.074197e-03	1.488520e-03	-2.720938e-03	9.247683e-03
## SPATRNAPRO.03	2.856432e-03	-1.307436e-03	-2.874756e-04	-6.276953e-03
## SPAC3A12.16c	1.923404e-03	-3.357058e-03	-3.578887e-03	3.212243e-03
## SPAC3A12.17c	1.558840e-03	5.222043e-04	-1.370816e-03	2.183739e-03
## SPAC9.02c	1.957201e-04	2.828590e-04	-3.097282e-04	-2.596112e-04
## SPAC9.04	-1.376191e-05	2.264553e-05	-7.288569e-06	2.247610e-07
## SPAC9.07c	-1.082716e-03	-4.655874e-03	-2.292036e-03	2.073975e-03
## SPNCRNA.742	4.594530e-04	-2.363469e-04	-2.526859e-04	1.549185e-05
## SPATRNAMET.02	-1.817937e-02	1.031246e-02	9.628985e-03	-1.251595e-02
## SPAC9.11	1.921552e-04	9.163523e-04	1.445906e-04	8.987476e-04

## SPAC9.12c	-3.788173e-04	-1.746294e-03	8.548917e-04	2.507439e-04
## SPAC9.13c	8.245030e-04	-2.205562e-03	-1.045239e-03	5.250367e-04
## SPAC5D6.13	-4.272054e-04	-3.534078e-03	-1.100010e-03	6.393971e-03
## SPAC5D6.08c	-7.442303e-04	-3.624831e-04	3.055806e-04	6.933422e-04
## SPAC5D6.06c	-1.369641e-04	-2.094585e-04	4.566176e-05	1.361398e-03
## SPAC5D6.05	1.215064e-04	-4.416323e-04	-3.945191e-04	1.237473e-04
## SPAC5D6.01	-6.069396e-04	-1.167174e-03	1.167110e-03	7.018919e-03
## SPNCRNA.173	-1.453896e-04	-9.781739e-05	2.026360e-05	1.173933e-04
## SPAC57A7.13	-2.221672e-04	-3.803351e-04	-2.504834e-04	4.145332e-03
## SPAC57A7.12	3.823334e-02	2.256228e-03	1.275480e-02	-7.099129e-03
## SPAC57A7.11	1.257352e-03	-3.538842e-03	-2.352078e-03	8.970335e-03
## SPAC57A7.09	1.092970e-04	-4.778353e-05	-1.317481e-03	1.520813e-03
## SPATRNALEU.01	5.272285e-04	2.090027e-04	5.328618e-04	4.870567e-03
## SPAC57A7.07c	-1.594668e-04	-6.929162e-04	-7.355637e-04	-1.084092e-04
## SPNCRNA.744	-5.931260e-05	2.183691e-05	1.485804e-04	1.296911e-04
## SPAC57A7.05	2.963554e-03	-1.090416e-03	-6.153264e-03	4.975694e-03
## SPAC57A7.15c	1.765587e-04	6.773629e-05	-1.620052e-04	5.549203e-04
## SPAC167.06c	3.625344e-04	6.139140e-05	1.630696e-04	1.191491e-03
## SPAC167.02	-2.029313e-04	-1.256609e-04	4.076324e-04	1.891212e-03
## SPAC167.03c	-9.629704e-05	3.707941e-04	-3.417090e-04	1.025216e-03
## SPAC167.01	-2.695090e-03	-1.540825e-04	-2.732400e-03	4.658790e-03
## SPNCRNA.555	-1.606120e-06	-3.269131e-05	-6.425131e-06	2.739676e-05
## SPRRNA.53	-8.725900e-02	8.999585e-03	-1.263149e-02	-3.717269e-02
## SPAC1705.02	1.075869e-03	-4.493531e-04	-2.123568e-03	2.183118e-03
## SPNCRNA.175	-9.209294e-05	-1.696633e-05	-2.794748e-05	-1.894023e-05
## SPAC23H4.18c	-7.826377e-04	-1.074655e-03	-6.666022e-04	4.197459e-03
## SPAC23H4.14	-2.694813e-05	-4.695202e-04	-1.088179e-03	3.250500e-03
## SPAC23H4.11c	-1.108225e-04	-1.637182e-04	3.677546e-04	1.004686e-03
## SPAC23H4.10c	2.585351e-03	-1.410679e-03	-4.206035e-04	1.652680e-03
## SPAC23H4.09	1.306101e-04	-1.236850e-02	3.978465e-03	1.592638e-03
## SPAC23H4.06	2.049659e-03	-2.790680e-03	-4.562239e-03	1.406981e-02
## SPAC23H4.03c	-1.254813e-03	-3.189515e-03	-6.620983e-04	4.646672e-03
## SPAC23H4.02	1.194474e-03	-1.019183e-03	-8.361093e-04	1.013200e-03
## SPAC23H4.01c	9.272823e-03	-1.520834e-03	-2.957018e-03	3.196221e-03
## SPAP27G11.02	-5.741339e-04	-2.100497e-03	5.308126e-04	-1.518523e-04
## SPNCRNA.748	3.136315e-05	-1.131386e-04	-6.782779e-05	-3.581364e-05
## SPAP27G11.04c	-5.210094e-04	-1.131826e-03	3.714855e-05	-4.945622e-04
## SPAP27G11.06c	1.064694e-03	-8.751132e-05	3.195382e-04	1.916658e-03
## SPAP27G11.07c	3.029036e-05	7.438986e-05	-2.414582e-04	4.808243e-04
## SPAP27G11.08c	1.433647e-04	2.855020e-04	-1.009987e-04	3.292907e-05
## SPAP27G11.10c	-2.198390e-03	-2.594587e-03	-8.138243e-04	8.270312e-03
## SPAP27G11.11c	8.442093e-06	2.601929e-05	6.218041e-05	-2.135576e-04
## SPNCRNA.750	-1.450295e-05	-1.163075e-04	7.275699e-05	-2.424186e-04
## SPAP27G11.16	-2.731559e-05	-1.053591e-04	2.616193e-04	1.818575e-04
## SPAP27G11.12	1.031812e-03	-1.061232e-03	-8.160458e-04	5.266857e-03
## SPAP27G11.13c	-6.591104e-04	-5.250144e-03	1.462717e-03	-2.158656e-03
## SPAC343.02	4.526029e-04	-3.436185e-04	8.137314e-04	-4.671660e-04
## SPATRNaGLY.01	4.192793e-03	3.806861e-03	-6.286864e-03	8.146025e-05
## SPNCRNA.751	-1.968883e-04	1.074458e-05	1.430236e-05	1.481553e-04
## SPAC343.06c	5.191118e-04	-1.435529e-03	-7.792819e-04	7.796686e-04
## SPAC343.09	-1.215558e-03	-9.373771e-03	-3.602608e-03	2.540466e-03
## SPNCRNA.753	8.805219e-05	6.814820e-05	-4.906996e-05	-1.319691e-05
## SPAC343.21	3.699847e-04	-4.865962e-04	-8.299925e-04	2.810703e-04
## SPAC343.12	1.842814e-02	2.420629e-02	-3.923153e-02	4.511599e-02

## SPAC343.13	-1.357780e-04	-2.803629e-04	7.000674e-04	-6.465808e-04
## SPAC343.14c	5.959996e-05	1.817185e-05	-1.640218e-03	-3.462808e-03
## SPAC343.16	2.434076e-02	-1.750858e-03	-6.803613e-03	7.311241e-03
## SPAC343.18	4.157249e-04	6.978209e-04	-8.013884e-04	1.845496e-03
## SPAC343.19	2.385754e-04	8.909289e-04	-1.510815e-03	6.980084e-03
## SPAC824.02	-4.229126e-04	-2.009160e-03	-3.362041e-03	8.355744e-03
## SPAC824.03c	-3.201386e-04	2.054082e-03	4.301786e-04	2.319172e-03
## SPNCRNA.755	-3.575842e-05	-7.546575e-05	5.795675e-05	-2.444700e-04
## SPAC824.06	-6.552572e-04	-2.308334e-04	-1.513411e-03	2.805875e-03
## SPAC824.09c	-6.841534e-04	-1.787196e-03	-1.579066e-03	1.131761e-03
## SPNCRNA.177	4.801132e-05	6.054647e-05	-4.794759e-05	4.827687e-05
## SPAC664.01c	1.951074e-03	-7.221199e-04	-7.163048e-04	4.624867e-03
## SPAC664.02c	-4.904848e-05	-9.216122e-04	-1.440773e-03	4.395683e-03
## SPAC664.05	3.386482e-03	-3.035565e-02	-4.504044e-03	1.068501e-04
## SPNCRNA.756	-7.857951e-05	-1.989492e-04	9.761314e-05	1.387054e-03
## SPAC664.06	-7.233875e-03	-6.346878e-03	-3.505678e-03	-1.858474e-03
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	-1.981693e-05	-6.176387e-05	1.492621e-05	-9.802248e-06
## SPAC664.13	4.412374e-05	-1.983526e-04	-5.398476e-04	4.450458e-04
## SPATRNALYS.02	-8.305673e-04	5.434560e-04	1.935172e-04	-1.532814e-03
## SPAC664.15	-1.221796e-03	-8.396736e-04	-1.449396e-03	2.735820e-03
## SPAC105.02c	-5.212052e-03	-1.227026e-03	2.620943e-03	2.912811e-04
## SPATRNATYR.01	3.222605e-03	-5.931857e-03	7.136448e-04	-1.043314e-04
## SPAC105.03c	1.153933e-04	-1.555311e-03	-2.888502e-03	5.810507e-03
## SPAC17A5.01	-2.220952e-04	-1.535516e-03	-1.672778e-03	2.094085e-03
## SPNCRNA.759	-4.805912e-05	-9.312658e-05	1.149525e-04	1.432402e-04
## SPNCRNA.556	-7.988495e-05	-1.894942e-04	1.769323e-04	-3.293988e-04
## SPAC17A5.05c	-3.526041e-04	-1.133945e-03	5.716253e-04	6.164870e-04
## SPAC17A5.07c	7.328620e-05	-6.101295e-04	-8.996485e-04	2.687399e-03
## SPAC17A5.09c	6.173551e-04	-1.244773e-03	-1.587017e-04	1.402920e-03
## SPATRNAILE.01	-5.241260e-04	1.994536e-04	-1.554372e-03	-1.096760e-03
## SPNCRNA.760	4.852839e-05	-4.796839e-04	-2.315403e-04	2.383795e-04
## SPNCRNA.761	1.797800e-04	-1.402758e-06	-3.383576e-05	2.100300e-04
## SPAC17A5.13	4.127404e-04	-4.777881e-04	-1.640625e-03	-6.916523e-04
## SPAC17A5.15c	6.353583e-03	-8.324256e-03	-1.068397e-03	9.701812e-03
## SPNCRNA.762	1.638423e-03	-6.617032e-04	-5.972946e-04	1.308969e-03
## SPAC1002.01	-3.929734e-05	-8.573393e-05	-5.385241e-05	2.011424e-04
## SPAC1002.06c	-4.916308e-05	1.863744e-05	5.266688e-05	-1.425761e-04
## SPAC1002.07c	1.036779e-03	-1.700309e-03	-1.746336e-03	-1.161624e-03
## SPAC1002.08c	6.509030e-05	7.447605e-05	6.177196e-04	1.451427e-03
## SPNCRNA.763	-8.654600e-05	6.999851e-04	-1.497310e-04	7.469635e-05
## SPAC1002.10c	5.228507e-04	-2.089908e-03	-6.613208e-04	2.473899e-03
## SPAC1002.11	-1.051706e-03	1.501283e-03	-2.017595e-03	3.490640e-03
## SPAC1002.13c	-3.830956e-02	-2.693762e-04	1.606922e-02	9.526719e-03
## SPAC1002.15c	5.263299e-04	4.166144e-04	-1.021128e-03	1.885718e-03
## SPAC1002.14	-8.513079e-04	-4.642428e-05	6.868212e-04	-3.082948e-03
## SPAC1002.16c	-6.645018e-05	-1.610926e-04	-3.071572e-04	2.637750e-04
## SPAC1002.17c	-4.825305e-03	1.203306e-02	-1.230733e-02	7.957072e-04
## SPAC1002.18	-7.774811e-04	5.579316e-03	-9.108760e-03	-2.356704e-03
## SPAC1399.05c	5.190516e-04	-3.435053e-04	-1.764092e-03	3.029799e-03
## SPNCRNA.764	2.655645e-04	-4.026101e-05	2.891532e-04	4.327523e-04
## SPNCRNA.178	3.246390e-04	-5.268598e-05	-2.067230e-04	2.441807e-04
## SPAC1399.02	-9.358550e-04	6.830171e-04	-8.792150e-04	2.420311e-03
## SPAC1399.06	1.047083e-04	5.070717e-06	-2.809111e-04	4.119379e-04

## SPAP11E10.01	8.216393e-04	-4.229713e-04	-1.291353e-03	2.655848e-03
## SPAPB1A10.03	4.012096e-04	2.936902e-05	-3.040461e-04	4.241304e-04
## SPAPB1A10.16	-3.095056e-04	-3.722171e-05	-2.215143e-04	1.379089e-03
## SPAPB1A10.04c	6.897454e-04	-1.508451e-03	-1.104678e-03	1.750478e-03
## SPNCRNA.765	9.723712e-05	2.737369e-04	-4.608678e-04	8.482620e-04
## SPAPB1A10.05	2.431825e-04	-9.554111e-05	-9.351077e-04	1.029375e-03
## SPNCRNA.766	2.902321e-04	-2.022182e-04	9.615795e-05	1.272153e-04
## SPAPB1A10.09	-3.683889e-07	-1.823274e-03	6.065948e-04	1.775383e-03
## SPAPB1A10.13	-4.915562e-05	-6.819018e-04	-3.931017e-04	1.516496e-03
## SPAPB1A10.14	-6.143970e-04	-5.111331e-04	-1.356300e-03	3.819489e-04
## SPAPB1A10.15	-2.766850e-04	-5.512853e-04	-6.414182e-04	-1.392959e-04
## SPAC140.01	-8.699858e-03	2.322061e-03	-1.817323e-03	3.945191e-05
## SPAC140.03	9.008066e-05	-7.964022e-04	2.160580e-04	-2.741037e-04
## SPNCRNA.182	9.388615e-06	1.901465e-05	-3.701139e-06	-4.400503e-07
## SPNCRNA.772	-1.726176e-05	-1.052023e-04	2.396770e-04	-1.211525e-04
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	3.634754e-04	-2.093719e-04	-9.663529e-04	6.573344e-04
## SPAC110.01	3.471765e-03	-3.705520e-03	-3.805757e-03	1.283485e-02
## SPAC110.03	-9.112270e-04	7.320493e-04	6.230171e-04	7.289840e-03
## SPNCRNA.774	2.036771e-04	-1.075217e-04	-1.252286e-04	6.423233e-05
## SPAC3H1.01c	-1.589520e-03	-2.953118e-04	-2.144780e-03	5.611727e-03
## SPAC3H1.02c	-1.403779e-04	-6.451311e-04	1.086350e-03	5.639499e-04
## SPAC3H1.04c	-1.374270e-03	4.107338e-04	-1.694870e-03	5.787814e-03
## SPAC3H1.05	-2.753978e-04	-1.735601e-03	1.431272e-03	-1.006456e-03
## SPAC3H1.06c	-5.664075e-04	-4.087742e-04	-9.514764e-04	7.471607e-03
## SPAC3H1.07	-2.378020e-02	2.080210e-03	8.155625e-03	6.225311e-04
## SPAC3H1.09c	3.624182e-04	-9.961008e-04	-2.444292e-04	3.704817e-03
## SPNCRNA.777	9.205593e-05	2.501719e-04	-1.861382e-04	7.169132e-04
## SPNCRNA.781	1.110160e-07	6.175643e-04	-5.305179e-04	-4.553972e-04
## SPNCRNA.783	1.424819e-04	-2.607277e-04	-3.087684e-04	-2.492692e-05
## SPNCRNA.784	1.038047e-04	-1.331446e-04	-6.865258e-05	1.484606e-04
## SPAC3H1.12c	1.952230e-04	4.647684e-06	-2.493093e-04	3.872656e-03
## SPAC3H1.13	-1.336982e-03	-2.107200e-04	-1.070198e-03	-2.767593e-04
## SPNCRNA.530	-1.770435e-03	-2.859988e-03	9.013321e-03	1.787347e-02
## SPAC9G1.14	-3.042041e-05	-2.495018e-04	-7.600884e-06	-1.509181e-04
## SPAC9G1.02	1.944244e-03	-4.821607e-04	-7.961529e-03	1.851260e-02
## SPAC9G1.03c	-7.827343e-03	-1.235762e-02	-7.721904e-03	6.697009e-03
## SPAC9G1.04	6.914733e-04	8.850874e-04	-6.812357e-04	4.659663e-03
## SPAC9G1.08c	2.593192e-05	-4.914385e-04	-5.991489e-04	-8.456303e-04
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	-3.793838e-04	-4.800219e-04	-3.613549e-04	7.823054e-04
## SPAC9G1.10c	-6.364216e-05	-6.188441e-04	-1.347420e-03	2.965849e-03
## SPAC9G1.13c	-1.250928e-03	-1.250320e-03	-2.386252e-04	-2.119747e-04
## SPNCRNA.785	2.568421e-04	8.754916e-05	-4.373261e-04	6.200864e-04
## SPAC17H9.02	-7.775141e-04	-2.207932e-03	-1.739854e-03	1.121091e-03
## SPAC17H9.03c	-1.032856e-04	-6.412184e-05	-8.197712e-04	4.721725e-04
## SPAC17H9.04c	-1.019158e-02	-5.833587e-03	5.519840e-03	-1.390895e-02
## SPNCRNA.787	-4.355288e-06	2.800680e-06	1.213200e-05	1.434497e-05
## SPAC17H9.09c	4.393930e-04	-1.897614e-03	-8.150462e-04	-1.059767e-04
## SPAC17H9.10c	-2.339913e-03	5.679069e-04	-1.665639e-03	1.019161e-02
## SPAC17H9.12c	-1.169279e-03	1.065921e-03	-1.495252e-04	-1.060683e-03
## SPAC17H9.13c	2.767506e-03	-1.830399e-03	-1.311882e-03	4.582721e-03
## SPAC17H9.14c	-4.552731e-03	-1.947382e-03	2.367143e-03	-9.394742e-03
## SPNCRNA.184	-9.336774e-05	-9.340402e-07	-1.042311e-04	1.067459e-05

## SPAC17H9.16	-1.296918e-03	-7.079734e-03	-2.256731e-03	-2.507060e-03
## SPAC17H9.17c	-1.023233e-03	1.197248e-04	-6.779904e-04	-5.306708e-04
## SPAC17H9.20	2.570783e-04	8.051587e-05	-2.207168e-03	6.150993e-03
## SPAC607.03c	8.405938e-03	-2.174173e-03	-3.678791e-03	7.530494e-03
## SPNCRNA.185	-6.624877e-06	-6.223957e-06	-6.077100e-05	5.165660e-05
## SPAC607.04	-1.119372e-04	-1.372468e-03	1.016180e-03	2.281517e-03
## SPAC607.05	-4.110514e-03	-3.690570e-03	-2.314095e-03	2.646759e-03
## SPAC607.06c	1.645250e-04	2.025762e-03	-1.711687e-04	8.892814e-04
## SPAC607.09c	7.166807e-04	-1.301811e-04	5.755325e-04	3.720413e-04
## SPAC732.01	4.439571e-04	-2.775327e-03	1.154736e-03	-2.398382e-03
## SPAC732.02c	9.040303e-04	-8.346662e-04	-1.573260e-03	2.711198e-03
## SPAC3C7.02c	-1.553660e-04	-4.916068e-04	2.954906e-04	1.159628e-03
## SPNCRNA.791	-9.679389e-06	-1.811029e-04	1.737505e-04	2.363925e-05
## SPAC3C7.08c	-8.839285e-04	-1.119067e-02	2.244749e-03	-3.219127e-03
## SPAC3C7.09	3.947126e-04	-6.475775e-05	-9.574521e-04	-2.243144e-04
## SPNCRNA.793	-1.125441e-04	-3.982502e-05	-3.687056e-04	1.201223e-04
## SPNCRNA.794	3.431398e-04	-6.542705e-05	-2.275148e-04	3.271167e-04
## SPAC25A8.03c	-1.495444e-03	5.115706e-04	-7.833768e-04	4.050117e-05
## SPAC25A8.02	6.780855e-04	-3.439289e-04	3.450654e-04	1.199708e-03
## SPAC631.02	-1.023692e-03	-2.325140e-03	5.086824e-03	-1.449036e-02
## SPAC20H4.02	7.514533e-05	-8.152773e-04	-1.774778e-03	1.885061e-03
## SPAC20H4.03c	8.345041e-04	-5.408020e-03	-2.136869e-03	2.721180e-03
## SPAC20H4.04	7.821993e-04	1.025109e-03	-7.243963e-04	1.435361e-03
## SPAC20H4.08	-1.559588e-03	-5.353852e-05	-1.469896e-03	2.416874e-03
## SPAC20H4.09	7.082626e-04	8.659292e-04	4.172270e-05	1.567203e-03
## SPNCRNA.797	2.814110e-04	-2.395226e-05	-5.156132e-05	6.547513e-04
## SPAC20H4.10	5.360161e-04	-1.291639e-03	-1.724944e-03	2.959773e-03
## SPAC23C11.01	-6.399026e-04	5.566187e-04	-9.648847e-04	4.494644e-03
## SPAC23C11.03	-1.830716e-03	-5.743604e-03	9.682317e-04	1.592511e-03
## SPAC23C11.04c	7.216227e-05	9.742453e-05	-2.052079e-04	5.928443e-04
## SPAC23C11.05	-1.487614e-02	-2.890930e-03	-2.244498e-03	1.303388e-02
## SPAC23C11.08	3.964154e-04	-1.913602e-04	-4.450708e-04	7.795268e-04
## SPNCRNA.799	-1.570881e-04	-1.488037e-04	2.016579e-04	9.436279e-05
## SPAC23C11.09	6.769827e-03	-8.467568e-03	-3.817700e-03	1.729416e-03
## SPAC23C11.10	-2.374720e-04	4.963089e-04	-3.442775e-04	-1.563609e-04
## SPAC23C11.11	-2.224632e-04	-1.232790e-03	-2.464519e-03	2.802172e-03
## SPNCRNA.800	-1.047802e-03	-3.736674e-04	-4.481734e-05	-1.188028e-03
## SPAC23C11.14	3.193092e-03	5.497174e-04	-3.403901e-03	1.424462e-02
## SPAC23C11.15	-1.238165e-03	-9.674987e-04	-1.854834e-03	2.561073e-03
## SPAC23C11.17	-4.466053e-03	-4.889956e-03	1.974040e-03	1.588080e-03
## SPAC13F5.01c	-1.716938e-03	-6.246081e-04	-8.000698e-04	1.221574e-03
## SPAC13F5.02c	-1.410408e-04	-2.182223e-06	9.923961e-04	5.461432e-04
## SPNCRNA.801	3.705415e-05	-1.049205e-04	3.274240e-05	2.837651e-04
## SPAC13F5.06c	-1.382683e-03	-1.649078e-03	-1.338642e-03	8.567168e-03
## SPNCRNA.802	-4.583872e-05	2.094057e-04	-9.761455e-05	3.331369e-04
## SPAC13F5.07c	-1.078394e-05	-5.660143e-04	3.395472e-04	7.271585e-04
## SPAC1783.02c	-7.437984e-04	1.219752e-03	-5.713709e-04	1.266697e-03
## SPAC1783.04c	-3.292146e-04	-1.052013e-03	-3.743042e-04	7.856575e-04
## SPNCRNA.803	8.248438e-05	-3.004328e-04	3.023959e-04	-3.031488e-04
## SPAC1783.06c	2.389876e-04	-3.339579e-05	-9.917030e-05	1.943370e-04
## SPNCRNA.804	3.389999e-04	-1.915902e-04	-3.299073e-04	-2.665533e-05
## SPAC1783.07c	6.348864e-03	6.554929e-04	-5.730027e-03	1.001973e-02
## SPAC1783.08c	1.539178e-02	-1.060541e-04	-9.919789e-03	5.188489e-03
## SPAC1327.01c	1.903915e-04	-2.822644e-03	-1.337858e-03	7.587500e-03

## SPAC18G6.01c	-1.472137e-04	-2.098650e-04	1.075927e-05	-2.597254e-04
## SPAC18G6.02c	3.173066e-04	-3.780881e-04	6.441002e-04	2.002809e-03
## SPATRNAVAL.03	-2.947717e-03	-9.633775e-03	3.209285e-03	-4.408035e-04
## SPAC18G6.04c	3.168462e-03	-2.548804e-04	1.639138e-03	-1.073817e-03
## SPAC18G6.05c	-2.946028e-03	-4.327122e-03	1.194130e-02	-5.440395e-03
## SPAC18G6.06	9.871791e-04	-1.894696e-03	-2.976488e-03	2.972515e-03
## SPAC18G6.07c	-1.245345e-03	-2.537295e-03	-1.115219e-03	6.899094e-03
## SPAC18G6.09c	-3.849940e-04	4.580522e-04	-1.819669e-03	-3.465836e-04
## SPAC18G6.10	4.317156e-04	-8.127493e-04	-1.793164e-03	3.128277e-03
## SPAC18G6.11c	-2.093336e-03	4.685472e-04	-4.998864e-03	5.653974e-03
## SPAC18G6.12c	2.598065e-04	-2.540129e-04	-5.091141e-04	2.537335e-03
## SPNCRNA.806	-2.326602e-04	-2.114717e-04	-2.151729e-04	7.456089e-05
## SPAC18G6.13	-1.678838e-04	-8.475139e-05	4.650229e-04	1.397732e-05
## SPAC18G6.14c	1.425266e-02	-2.189261e-02	1.548857e-02	1.400148e-02
## SPAC13D6.02c	-2.499271e-04	-3.465481e-03	-8.780159e-03	8.397294e-03
## SPNCRNA.189	-9.899094e-05	3.076273e-04	-1.845620e-04	-3.257362e-05
## SPATRNaGLY.02	3.285100e-03	1.459714e-03	-1.788782e-03	3.217993e-04
## SPAC13D6.04c	1.690001e-04	2.927210e-04	3.274380e-04	8.539116e-04
## SPAC13D6.05	1.956393e-04	-5.308514e-04	8.629365e-04	1.086316e-03
## SPAC4G9.02	-2.613820e-04	-1.644675e-03	-5.061674e-04	1.565780e-03
## SPAC4G9.07	1.694412e-04	4.250829e-05	3.649734e-05	1.324066e-04
## SPAC4G9.08c	-2.093275e-03	-2.955723e-03	3.449625e-04	-3.098693e-03
## SPAC4G9.13c	-2.367233e-04	-1.670359e-03	7.673553e-04	1.314523e-03
## SPAC4G9.16c	3.394033e-02	-2.235388e-02	4.224844e-03	-2.069549e-02
## SPAC4G9.17c	5.953912e-04	-9.022076e-04	-9.843133e-04	1.313670e-03
## SPAC4G9.22	-6.242409e-04	-1.904146e-03	2.597990e-03	-6.873595e-03
## SPNCRNA.811	3.088829e-05	-6.122801e-05	-3.630730e-05	3.778067e-06
## SPNCRNA.190	-2.122223e-05	-2.775314e-04	5.365393e-05	-4.883739e-04
## SPAC13G7.07	1.388364e-04	-1.178722e-04	-1.094481e-04	1.087219e-04
## SPAC13G7.08c	-8.990193e-04	1.652239e-03	3.101331e-03	3.527751e-05
## SPAC13G7.09c	-1.943264e-04	-6.463011e-04	-6.658472e-04	2.061449e-03
## SPAC13G7.11	4.537620e-04	-1.496177e-03	-7.533426e-04	9.537394e-04
## SPAC6C3.02c	1.582199e-03	4.954668e-05	-2.971006e-03	5.769641e-03
## SPAC6C3.04	4.674251e-03	-2.533474e-05	-5.214410e-03	4.530966e-03
## SPNCRNA.814	1.645881e-04	2.214132e-05	-9.319982e-05	7.476826e-05
## SPAC6C3.06c	3.816232e-03	7.790632e-04	-8.158775e-03	1.485264e-02
## SPAC6C3.07	-1.985027e-04	-1.418573e-04	1.645643e-04	-6.997818e-05
## SPAC17G8.01c	3.021946e-05	1.469517e-03	-1.087407e-03	2.594167e-03
## SPAC17G8.02	1.448815e-03	1.359459e-03	-2.271166e-04	1.167535e-03
## SPAC17G8.05	-2.203301e-04	-5.740851e-04	-6.553451e-04	1.806028e-03
## SPAC17G8.07	-2.587086e-04	1.177683e-04	-2.434023e-03	1.856052e-03
## SPAC17G8.09	2.733905e-04	-1.373444e-04	-8.690303e-05	3.652605e-04
## SPAC17G8.10c	6.018426e-04	-6.664278e-04	-1.047566e-04	5.324203e-04
## SPNCRNA.817	-3.429093e-05	-3.482938e-05	-1.968625e-05	-3.012973e-05
## SPAC17G8.12	-1.683151e-03	-5.552642e-04	-9.036330e-04	3.574397e-03
## SPNCRNA.192	3.207417e-05	4.173569e-05	-6.363860e-05	2.765909e-05
## SPNCRNA.819	-8.541621e-05	9.008664e-05	-1.344107e-04	3.182608e-04
## SPAC22H10.03c	-6.562060e-04	2.138687e-03	-1.488368e-03	1.974975e-03
## SPNCRNA.821	-5.744119e-05	-2.078350e-04	-4.083433e-05	9.632209e-05
## SPAC22H10.13	-4.595343e-03	-3.161189e-03	-4.606781e-04	5.288309e-03
## SPAC22H10.09	-8.723750e-04	1.516246e-03	-2.342114e-03	5.972400e-03
## SPAC22H10.10	2.540028e-04	-2.596908e-04	-4.126338e-04	2.781604e-04
## SPAC15F9.02	1.485488e-04	-5.203200e-03	1.420808e-03	-4.459970e-04
## SPAC15F9.03c	1.115506e-03	-2.414713e-03	-1.003593e-04	4.377544e-03

## SPAC1B9.02c	3.594655e-03	-1.711144e-03	-1.617850e-03	3.289170e-03
## SPAC1B9.03c	-3.770284e-04	-8.394438e-04	1.674150e-03	-1.294870e-03
## SPAC6B12.03c	9.120061e-04	3.016326e-04	3.658313e-04	-6.987339e-05
## SPAC6B12.18	-1.053925e-03	-1.590263e-03	-5.875848e-04	2.220901e-03
## SPAC6B12.07c	1.667774e-03	-2.020388e-03	-6.391379e-04	-4.059201e-03
## SPAC6B12.08	1.559015e-03	-1.282282e-03	-6.740089e-04	1.336689e-03
## SPAC6B12.13	-1.662107e-03	-1.692999e-03	-7.448946e-05	2.249277e-04
## SPNCRNA.195	-1.225516e-04	-2.907564e-04	1.324157e-04	8.059884e-05
## SPAC6B12.15	6.488122e-03	-7.574951e-04	1.365141e-02	5.230051e-03
## SPATRNLALS.03	-5.926525e-04	-1.480930e-04	1.581600e-04	-5.249502e-04
## SPAC32A11.02c	3.051987e-02	-3.762985e-02	-3.115145e-02	-7.130223e-03
## SPNCRNA.828	-4.514124e-05	1.510315e-04	6.254423e-04	-2.842515e-03
## SPNCRNA.829	-1.792823e-04	-3.883191e-04	-3.898473e-05	-1.183163e-04
## SPAC19A8.13	3.197039e-04	-1.922722e-03	-1.120255e-03	2.405696e-03
## SPAC19A8.12	5.053443e-04	-5.787388e-04	-4.083057e-04	1.814583e-03
## SPAC19A8.11c	7.938472e-05	7.020042e-04	-5.120625e-04	-2.694124e-04
## SPAC19A8.10	-1.604592e-03	-7.876929e-04	3.381882e-04	-5.923661e-04
## SPAC19A8.09	-3.107106e-04	3.460480e-04	1.348592e-04	-3.175147e-04
## SPAC19A8.08	1.627003e-03	-8.030167e-04	-5.468904e-04	6.285626e-03
## SPNCRNA.286	-7.133112e-06	8.462588e-05	-5.322792e-06	-2.836129e-05
## SPAC19A8.07c	3.684081e-04	3.609861e-05	3.567584e-03	3.375943e-03
## SPAC19A8.05c	8.475059e-04	9.838885e-04	5.442138e-05	1.606567e-03
## SPAC19A8.04	2.886299e-03	-4.564300e-03	-2.917427e-03	5.363424e-03
## SPAC19A8.03	1.013662e-03	-1.310828e-03	-3.449909e-04	2.784938e-03
## SPAC19A8.02	1.531783e-03	-4.753395e-03	-1.126130e-03	6.447797e-03
## SPAC19A8.01c	-8.279576e-05	1.936526e-04	6.637180e-04	5.898664e-03
## SPAC23H3.04	-8.665865e-05	6.977885e-05	1.221507e-04	9.568357e-04
## SPAC23H3.05c	-1.686608e-04	1.300910e-03	-9.223818e-04	1.048335e-03
## SPAC23H3.06	-5.499598e-04	-6.519860e-04	5.140914e-04	2.587032e-03
## SPAC23H3.08c	-9.194537e-04	-5.983046e-04	-3.719343e-05	6.108364e-04
## SPAC23H3.13c	2.751744e-04	5.055506e-05	-1.976172e-03	3.358032e-03
## SPNCRNA.197	5.473471e-05	-2.337788e-05	-6.998333e-06	4.275497e-05
## SPNCRNA.831	2.132280e-05	-1.669676e-05	2.864892e-05	-4.786881e-05
## SPAC23H3.15c	1.771225e-01	-1.248591e-03	-6.408613e-02	1.007619e-01
## SPNCRNA.833	1.259141e-04	8.108257e-05	-3.857049e-04	-2.079404e-04
## SPAC25H1.04	5.582514e-04	1.553249e-06	1.466562e-04	-2.356140e-03
## SPAC25H1.05	-1.579813e-03	1.174036e-03	-2.348302e-04	2.181395e-03
## SPAC25H1.06	5.357987e-04	-1.156046e-03	-1.719341e-03	4.866101e-03
## SPAC25H1.07	5.163238e-04	7.138049e-03	-5.475372e-04	1.069515e-02
## SPAC25H1.08c	-9.376918e-05	-7.312837e-04	5.107705e-03	-1.678276e-03
## SPAC4A8.04	3.878444e-03	-5.556063e-04	-7.009391e-03	1.512096e-02
## SPAC4A8.05c	-4.967661e-03	-2.897458e-03	-2.783711e-04	1.727083e-02
## SPNCRNA.836	-8.418256e-05	7.296756e-04	-4.799147e-04	-6.038855e-04
## SPNCRNA.837	-1.548973e-03	5.921255e-04	2.986181e-04	5.129387e-04
## SPAC4A8.07c	9.714526e-04	3.071280e-03	-6.250790e-03	1.336343e-02
## SPAC4A8.08c	-7.444398e-04	-2.486454e-03	-3.406401e-04	2.056402e-03
## SPNCRNA.838	-5.473171e-04	4.088714e-04	-4.581476e-05	4.566916e-04
## SPSNRNA.06	1.324648e-02	-3.935732e-02	-2.756170e-02	-4.439323e-04
## SPAC4A8.10	4.700506e-03	-8.959640e-04	-3.450685e-03	2.928030e-03
## SPNCRNA.839	2.467076e-04	6.907501e-06	2.403474e-04	-3.253434e-04
## SPAC4A8.12c	-3.055214e-04	1.134508e-03	-4.736834e-04	2.824443e-04
## SPAC4A8.14	1.918655e-03	-7.942743e-04	-8.314994e-05	-2.799974e-03
## SPATRNAILE.02	5.160761e-03	-1.262007e-02	-6.752991e-04	-2.064075e-02
## SPAC823.03	6.561340e-04	-2.204267e-03	-1.783782e-03	1.257706e-03

## SPAC823.07	-1.095937e-03	7.795786e-04	-5.956069e-04	3.355105e-03
## SPNCRNA.199	1.331272e-06	-1.540346e-05	4.004345e-05	1.722340e-04
## SPAC823.11	1.669492e-03	3.555988e-03	-3.592176e-04	1.178390e-03
## SPAC823.12	-6.995817e-04	-1.266704e-03	1.514666e-03	-3.815101e-03
## SPAC823.13c	-4.900015e-04	-2.620104e-04	-2.839832e-04	1.900930e-03
## SPAC823.14	2.227523e-03	-4.481448e-04	-2.342618e-03	3.990787e-04
## SPNCRNA.841	2.448661e-04	-1.338099e-04	-5.412511e-04	5.821644e-04
## SPAC823.16c	1.961241e-04	2.841629e-05	3.066088e-04	1.664302e-03
## SPAC7D4.14c	9.759061e-04	-5.412278e-04	4.707289e-04	3.472277e-03
## SPAC7D4.11c	2.343719e-05	-1.565436e-04	-7.109200e-04	2.870359e-03
## SPAC7D4.09c	-2.312367e-04	2.795582e-04	1.625216e-05	1.393765e-03
## SPAC7D4.08	1.375536e-04	-1.986775e-04	1.318443e-04	-2.350487e-04
## SPAC7D4.06c	-7.309928e-04	1.282635e-03	-1.505393e-03	4.646037e-03
## SPAC7D4.04	2.202009e-03	-2.767432e-04	-2.684061e-03	1.052818e-02
## SPAC7D4.03c	1.269311e-03	-8.965384e-04	-2.891644e-03	5.056258e-04
## SPAC4F8.15	9.590891e-04	-2.956930e-04	-2.488545e-03	5.293432e-03
## SPAC4F8.14c	-3.840972e-03	-5.309759e-03	-2.646175e-03	7.234759e-03
## SPNCRNA.843	8.275044e-05	-6.570530e-05	7.092889e-05	8.410415e-05
## SPAC4F8.12c	-2.484240e-03	-4.602703e-03	4.168456e-04	9.317703e-03
## SPNCRNA.326	4.109451e-06	-5.409671e-06	-1.351518e-05	2.966782e-05
## SPAC4F8.10c	1.170037e-03	-8.074933e-04	-7.031787e-04	4.450078e-03
## SPNCRNA.200	3.953303e-05	-2.100463e-05	2.203563e-05	-1.776574e-05
## SPAC4F8.07c	-1.205776e-02	-1.171635e-02	2.143424e-02	5.267220e-03
## SPAC4F8.03	-4.520517e-04	-1.506683e-03	1.898680e-04	-3.429177e-04
## SPAC4F8.02c	-2.407872e-05	3.853122e-04	1.597224e-04	1.008188e-03
## SPAC4F8.01	-2.006315e-04	-2.352059e-04	1.866274e-04	1.248495e-03
## SPAC644.04	2.622902e-04	-1.076887e-03	-2.491502e-03	3.906626e-03
## SPAC644.05c	-2.489632e-03	-9.183578e-04	1.693619e-03	-8.676606e-04
## SPAC644.08	-1.579584e-03	-1.351600e-03	1.073355e-03	-2.486994e-04
## SPAC644.11c	-1.997040e-03	1.942338e-04	4.729653e-04	3.815768e-04
## SPNCRNA.202	-2.589763e-06	2.256171e-05	-9.366164e-06	-5.450592e-07
## SPAC644.14c	-6.554384e-04	-8.907287e-04	-5.702037e-04	2.338698e-03
## SPAC644.15	2.045809e-02	-2.441132e-02	-1.563362e-02	-8.372858e-03
## SPAC644.16	-3.467900e-03	-3.272925e-05	1.404786e-03	2.151823e-03
## SPNCRNA.845	9.765973e-05	-2.869967e-05	-5.047656e-05	7.103188e-05
## SPAPB2B4.02	6.164114e-04	5.101682e-05	-2.204485e-04	-3.582231e-03
## SPAPB2B4.03	-9.996706e-03	2.507274e-03	3.750824e-03	5.759223e-03
## SPAPB2B4.04c	2.144671e-03	-4.872344e-03	-5.884823e-03	1.257137e-02
## SPAC6F6.02c	6.700294e-04	-9.560029e-05	-1.017845e-03	7.734582e-04
## SPAC6F6.03c	-3.414148e-03	3.279350e-03	2.142231e-03	-2.900529e-03
## SPAC6F6.04c	4.359967e-04	1.749645e-03	-4.302150e-04	2.957745e-03
## SPNCRNA.848	-5.901840e-05	4.002949e-05	-3.813687e-05	1.065968e-04
## SPAC6F6.08c	-1.690422e-05	4.226347e-04	4.438403e-05	4.840011e-04
## SPAC6F6.09	-1.885118e-04	1.844284e-04	-7.962708e-04	1.813508e-03
## SPAC6F6.10c	-3.844308e-03	-1.773900e-03	-1.694913e-04	2.624066e-04
## SPAC6F6.11c	9.699847e-04	1.787157e-04	-5.153763e-04	8.142373e-04
## SPNCRNA.849	-7.740998e-05	-1.163010e-04	4.610172e-04	4.790041e-04
## SPAC6F6.13c	-6.378051e-04	-2.455299e-03	-1.852274e-04	2.209723e-03
## SPAC6F6.17	-8.174253e-04	-2.475073e-03	-1.778794e-03	8.279542e-03
## SPNCRNA.852	3.458928e-05	-7.432970e-06	-9.105600e-05	-1.803899e-04
## SPAC1805.03c	-4.174836e-04	-3.969646e-04	1.048057e-04	5.464052e-04
## SPAC1805.04	-7.832557e-05	-2.655217e-03	-2.832586e-03	5.275059e-03
## SPAC1805.05	2.147668e-03	-5.345787e-03	1.600928e-03	1.127646e-02
## SPSNORNA.52	-2.431258e-03	-5.772484e-04	2.033360e-03	6.351156e-03

## SPAC1805.11c	-7.805269e-03	-1.275584e-02	-9.926405e-03	3.354170e-03
## SPAC1805.14	-9.918201e-04	-8.720355e-04	-3.749465e-04	4.128311e-03
## SPAC1805.15c	-2.054205e-04	-8.772251e-04	-3.190347e-04	-4.744791e-04
## SPAC1805.16c	-6.910335e-04	-7.079126e-04	-9.697243e-04	-5.655308e-04
## SPNCRNA.208	1.709219e-05	-1.653815e-05	1.964894e-06	-1.663589e-06
## SPAC1805.17	-3.518976e-03	-3.344976e-03	-4.080774e-03	1.296442e-02
## SPAC1B2.06	6.025778e-04	2.161622e-05	-4.960747e-04	-1.271397e-04
## SPAC3F10.02c	2.379312e-03	-5.740760e-06	-2.643253e-03	8.238225e-03
## SPAC3F10.05c	-1.652781e-03	-1.090163e-03	-1.690200e-03	3.927718e-03
## SPAC3F10.07c	-3.990065e-05	-3.138662e-04	9.572767e-06	6.653295e-04
## SPAC3F10.19	2.173402e-04	-6.676203e-04	-5.028137e-04	1.257904e-03
## SPAC3F10.08c	-1.268313e-03	-6.117574e-04	-1.200423e-03	2.304711e-03
## SPAC3F10.10c	-2.397737e-04	1.205945e-04	-6.001420e-04	6.316808e-04
## SPAC3F10.12c	6.880690e-04	-3.501819e-04	-1.626743e-04	3.545437e-03
## SPAC8F11.02c	-1.306920e-03	-2.067686e-04	-1.130256e-03	2.344888e-03
## SPAC8F11.05c	-1.589006e-04	2.152195e-05	-4.849972e-07	-6.489770e-06
## SPAC8F11.06	1.182801e-04	-2.618840e-06	-6.943125e-04	1.113609e-03
## SPAC8F11.07c	1.066646e-04	-9.628706e-04	-5.362472e-04	2.594267e-04
## SPAC8F11.10c	2.258722e-03	-1.983051e-03	-1.991365e-03	1.738234e-02
## SPACUNK4.13c	4.805272e-05	-1.985285e-04	-6.061668e-04	-9.145194e-05
## SPACUNK4.10	-4.595027e-03	1.214709e-03	-1.159712e-03	-1.139114e-03
## SPNCRNA.858	-4.131343e-05	2.198073e-04	-2.101087e-04	1.256886e-04
## SPACUNK4.07c	3.403044e-03	-5.399174e-03	-4.743651e-04	-1.184002e-03
## SPACUNK4.06c	-1.616295e-04	-1.405871e-04	-6.148241e-03	1.085549e-02
## SPAC513.01c	5.999693e-03	-8.867952e-04	5.155329e-03	-2.350931e-03
## SPAC513.02	2.551486e-04	-1.251919e-03	-9.483845e-04	1.966882e-03
## SPAC513.03	-1.095966e-03	4.450084e-05	-2.061953e-03	1.705312e-03
## SPAC513.05	-4.232551e-03	-2.679608e-03	1.778420e-03	-1.263780e-03
## SPAC2E1P3.01	-3.920845e-03	-4.125052e-03	1.521912e-03	3.795953e-03
## SPNCRNA.859	2.724363e-04	-4.311276e-04	-2.613704e-04	4.628122e-04
## SPAC2E1P3.04	9.291692e-04	-7.495247e-04	2.818431e-04	8.595622e-04
## SPAPB2C8.01	-1.182802e-03	1.627587e-03	9.561701e-04	3.966722e-03
## SPNCRNA.864	1.970889e-04	4.419403e-04	-4.780846e-05	-9.416544e-05
## SPAPB24D3.05c	6.014571e-05	8.066141e-05	-2.489110e-04	2.997299e-04
## SPAPB24D3.06c	1.446019e-03	1.460684e-04	-1.125866e-03	1.656394e-03
## SPNCRNA.865	1.602911e-04	1.225259e-04	-2.153943e-04	2.888536e-04
## SPAPB24D3.08c	-1.404445e-02	1.529438e-03	5.651394e-03	-2.505749e-03
## SPNCRNA.866	-1.804804e-03	-2.379536e-05	-5.514457e-05	1.506675e-04
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	8.794624e-05	5.596329e-05	-6.514212e-05	3.141763e-04
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-3.019894e-05	-7.578622e-04	-1.168138e-04	6.188282e-04
## SPAPB1A11.03	-7.835964e-05	-1.432396e-03	-2.186025e-03	3.875467e-03
## SPAC31G5.01	1.802434e-03	-1.994177e-03	5.973363e-04	1.327757e-03
## SPAC31G5.03	5.064713e-03	-1.186403e-02	-1.297720e-03	-1.450719e-03
## SPAC31G5.05c	-3.565250e-03	-7.387258e-04	1.921669e-04	3.573260e-03
## SPAC31G5.07	2.071779e-04	3.027360e-04	2.846134e-04	1.439212e-04
## SPAC31G5.09c	-1.755844e-04	-3.956234e-04	4.197295e-05	5.498226e-04
## SPNCRNA.872	-4.701643e-05	-9.798958e-06	1.262443e-04	-1.264174e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-3.772720e-04	-1.070171e-03	1.208662e-04	4.813068e-04
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	1.068865e-04	-2.190973e-05	-7.424084e-06	2.076730e-04
## SPAC31G5.12c	8.848703e-04	2.391768e-04	1.845994e-04	3.151779e-05

## SPAC31G5.13	1.013839e-03	-5.653780e-03	-9.973947e-04	-1.602553e-03
## SPNCRNA.875	-1.839638e-04	1.616456e-04	-2.652995e-04	-8.744973e-06
## SPAC31G5.15	-6.104581e-04	-2.316375e-03	-1.551278e-03	2.018491e-03
## SPAC31G5.17c	6.948051e-03	-7.551190e-03	-5.397707e-03	5.265903e-03
## SPAC1786.01c	1.650951e-02	-1.194167e-02	-1.236369e-02	1.704197e-02
## SPAC1786.04	6.860168e-05	3.171927e-05	9.847355e-06	-8.551022e-05
## SPNCRNA.878	-1.465008e-04	1.038388e-04	-3.828199e-05	-1.026396e-04
## SPAC24C9.03	8.721973e-04	-2.763166e-03	6.301802e-04	3.625044e-04
## SPAC24C9.16c	-1.626916e-04	-1.846272e-04	1.620533e-04	5.122901e-04
## SPATRNASER.02	2.904009e-03	-6.701597e-04	1.079074e-03	-2.924056e-03
## SPAC24C9.06c	-2.829877e-02	-6.013290e-03	-7.306825e-03	-1.396043e-02
## SPNCRNA.879	-1.888483e-04	-1.143341e-04	-3.205554e-05	6.450011e-05
## SPNCRNA.880	1.242754e-04	-5.538545e-04	-1.618249e-04	-9.765597e-05
## SPNCRNA.212	-8.946258e-06	-5.599241e-05	4.026513e-05	-7.357984e-05
## SPAC24C9.09	-2.866789e-04	-1.985878e-03	-1.144350e-03	6.616119e-04
## SPAC24C9.13c	-7.440618e-05	-7.790685e-04	2.916874e-04	6.825819e-04
## SPAC24C9.14	-1.718625e-03	1.282342e-03	-4.131335e-04	2.603363e-03
## SPNCRNA.883	-8.465039e-05	6.287630e-07	9.048262e-05	-6.396970e-05
## SPAC24C9.15c	1.751536e-04	-1.674673e-05	2.345347e-04	1.059455e-04
## SPAC16A10.01	5.558779e-04	-2.785104e-03	-1.531693e-03	-9.228039e-04
## SPAC16A10.03c	-1.754376e-03	7.883687e-04	-6.141993e-04	4.263748e-03
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-9.118341e-05	-5.175165e-05	-5.318206e-06	-8.772590e-05
## SPAC16A10.04	-1.838946e-03	1.158004e-04	2.651012e-03	6.100790e-04
## SPAC589.02c	1.257680e-04	-9.907346e-04	-6.372290e-04	1.434963e-03
## SPNCRNA.886	-1.679388e-04	-2.186460e-05	2.884299e-04	-2.014786e-04
## SPAC589.04	-3.684187e-04	3.009872e-04	7.407585e-05	2.292099e-03
## SPAC589.05c	-2.511663e-06	-2.419247e-04	-2.272324e-04	1.159935e-03
## SPAC589.07c	4.134738e-04	1.738648e-04	-4.038477e-04	8.592786e-04
## SPNCRNA.560	2.306755e-04	2.917018e-04	-7.189503e-05	4.421638e-04
## SPAC589.09	5.607013e-03	-6.953043e-04	-1.010097e-03	3.444453e-03
## SPAC589.10c	-2.715113e-02	-2.690454e-02	-6.039090e-02	2.986667e-02
## SPAC589.12	1.603714e-03	2.542219e-04	2.319340e-03	3.421529e-03
## SPAC688.03c	-1.076713e-04	-5.321622e-04	-2.364568e-04	2.510741e-04
## SPAC688.04c	2.627161e-03	-1.392316e-03	-3.601899e-03	6.710946e-03
## SPNCRNA.887	-1.521177e-04	-2.055211e-04	-1.940998e-04	1.018283e-05
## SPAC688.10	-2.042369e-04	-4.241833e-04	-1.806881e-03	2.157634e-03
## SPAC688.11	-3.440896e-03	-3.314805e-03	-3.422214e-03	5.050957e-03
## SPAC688.12c	3.586647e-04	-1.216074e-03	-1.075598e-03	7.885147e-04
## SPAC3G9.16c	-9.493066e-06	1.178886e-04	-2.014005e-04	-8.580871e-05
## SPAC3G9.14	2.015047e-03	3.306944e-04	-1.638801e-03	1.148961e-02
## SPAC3G9.12	-4.823316e-05	-1.211416e-03	-1.126269e-03	8.330490e-03
## SPATRNAALA.03	4.113972e-04	-4.036402e-04	-1.323594e-03	-8.621969e-05
## SPAC3G9.10c	4.418099e-04	-2.307693e-04	-8.686036e-04	1.360691e-03
## SPRRNA.14	-1.155767e-03	-3.185558e-02	-2.842714e-03	-3.545592e-03
## SPAC3G9.08	4.898766e-04	-8.671303e-04	1.505901e-04	1.779967e-03
## SPAC3G9.05	-7.826847e-04	3.661355e-04	-2.252864e-03	4.189487e-03
## SPAC3G9.04	3.366649e-04	-6.500105e-04	-9.046070e-04	2.996677e-03
## SPNCRNA.893	-5.099375e-03	6.451044e-03	6.932531e-02	6.968383e-02
## SPNCRNA.87	-4.137544e-05	-1.003485e-04	1.946898e-04	-1.162846e-04
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	-1.023122e-03	-6.734528e-04	-5.390348e-04	5.747593e-04
## SPAC1486.02c	-7.733258e-04	7.960302e-04	2.749634e-04	1.668226e-03
## SPAC1486.03c	-1.039279e-03	-4.292502e-04	5.669125e-04	8.501016e-04

## SPNCRNA.14	-3.249712e-05	1.420967e-04	2.456914e-05	1.605485e-05
## SPAC1486.04c	3.211096e-03	-1.529256e-03	-4.281381e-03	1.501797e-02
## SPAC1486.06	-3.914902e-04	-6.048644e-04	5.940437e-04	1.678474e-03
## SPNCRNA.895	8.404857e-05	4.321556e-05	2.862205e-05	2.273808e-04
## SPAC1486.09	-2.893668e-03	-4.412334e-03	5.160629e-04	-2.954576e-03
## SPAC6G10.06	-1.500532e-05	-2.319472e-05	8.011626e-05	-1.214462e-04
## SPAC6G10.11c	-3.240902e-02	-7.712277e-02	-1.080216e-01	3.248116e-02
## SPAC6G10.12c	-2.845195e-03	-3.185226e-04	1.337618e-03	9.359072e-04
## SPNCRNA.897	5.062480e-07	1.669015e-04	2.678729e-05	-7.233927e-05
## SPAC6G9.01c	-5.025650e-04	-6.505581e-04	-1.486290e-03	2.815353e-03
## SPAC6G9.04	3.534240e-04	-2.668061e-06	-1.159514e-03	2.918307e-03
## SPAC6G9.05	1.082775e-03	8.529796e-04	-1.381054e-03	2.868359e-03
## SPAC6G9.06c	1.044693e-03	-2.470816e-03	-2.413653e-03	4.560923e-03
## SPNCRNA.898	1.531448e-05	1.128638e-04	-1.697496e-05	2.009110e-04
## SPAC6G9.07c	7.652030e-04	-1.110903e-03	-1.620374e-03	4.473384e-03
## SPAC6G9.08	9.557927e-04	-3.263706e-03	2.602449e-03	3.225569e-03
## SPAC6G9.10c	-7.354941e-04	-5.743649e-03	3.427699e-03	-7.504562e-03
## SPAC6G9.11	1.728206e-03	2.358448e-03	-1.288664e-03	1.337643e-03
## SPAC6G9.13c	3.665697e-05	-5.047022e-05	-1.821927e-04	2.018821e-05
## SPAC6G9.14	1.513971e-03	-4.188386e-06	-1.076399e-03	1.173121e-03
## SPAC6G9.16c	5.650379e-04	-1.092684e-03	-8.446699e-04	5.852787e-04
## SPAPB1E7.02c	-5.139203e-04	-6.861913e-05	-4.620619e-04	2.528340e-03
## SPAPB1E7.05	-2.349372e-03	1.781910e-03	7.227369e-03	1.945064e-03
## SPAPB1E7.08c	-1.901057e-03	-3.640743e-03	2.629301e-03	2.429188e-03
## SPAPB1E7.09	-4.144127e-03	-1.381416e-03	-2.186844e-03	5.391438e-03
## SPAPB1E7.11c	-8.113153e-04	-2.941397e-04	-1.529080e-03	2.313196e-03
## SPAPB1E7.12	9.179112e-03	-1.266027e-02	1.945133e-02	-1.998997e-02
## SPAPB1E7.14	-7.660901e-04	-1.126398e-03	1.326709e-05	6.620809e-04
## SPAC2E1P5.02c	-2.788739e-04	1.621706e-04	1.605089e-04	1.051870e-03
## SPAC2E1P5.04c	5.331217e-04	1.565850e-04	-5.519747e-04	2.765663e-03
## SPAC26A3.01	-1.410326e-02	-6.062612e-03	4.720039e-04	3.642352e-02
## SPAC26A3.03c	-1.190827e-04	-5.165766e-04	-4.710726e-04	7.490849e-04
## SPAC26A3.04	1.768597e-02	1.518313e-02	2.151189e-02	-3.655846e-03
## SPAC26A3.06	-7.477938e-04	1.537868e-04	-1.288203e-03	3.872174e-04
## SPAC26A3.07c	1.445104e-02	-2.242167e-02	-1.365240e-03	8.896935e-03
## SPAC26A3.12c	-1.794452e-03	-2.642916e-03	9.568211e-04	2.263066e-03
## SPAC26A3.11	-1.803134e-03	1.216434e-03	-6.326749e-04	6.437060e-04
## SPAC26A3.14c	-2.455020e-04	1.234468e-04	-3.445030e-04	4.390507e-04
## SPAC26A3.16	1.085675e-03	-6.167899e-03	5.624274e-04	7.278061e-03
## SPAC26A3.17c	-2.677535e-06	-7.739173e-04	1.308035e-03	-3.576742e-03
## SPNCRNA.902	-1.510226e-04	5.958128e-05	5.862110e-05	-3.454276e-05
## SPAC8E11.10	1.640113e-02	3.825560e-03	-8.625755e-03	2.874361e-02
## SPAC8E11.07c	7.828014e-04	-4.501930e-04	-2.917943e-04	1.107479e-03
## SPAC8E11.05c	2.602261e-03	3.489702e-04	-1.366633e-03	5.698787e-03
## SPNCRNA.905	3.474264e-05	1.547169e-04	9.034601e-05	2.713891e-04
## SPAC8E11.01c	-6.598977e-04	-1.842816e-03	-2.197955e-04	1.200929e-03
## SPAC959.04c	-2.262127e-04	-1.993058e-03	5.950018e-04	1.635815e-03
## SPAC959.10	-3.095121e-04	-6.108284e-04	5.089015e-04	1.440294e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-6.723073e-05	4.505229e-04	-2.962378e-05	1.080763e-05
## SPAC959.08	2.458648e-02	9.944221e-03	2.682183e-02	3.262437e-03
## SPNCRNA.907	-3.074484e-04	-5.463345e-04	-8.255456e-04	7.201865e-04
## SPAC3H5.12c	6.154300e-02	-8.939015e-03	1.405855e-02	-1.582778e-02
## SPAC3H5.11	4.753161e-05	1.713537e-04	3.074536e-04	1.752661e-03

## SPAC3H5.13	-3.433641e-04	-1.375360e-03	-5.337264e-04	1.053209e-04
## SPAC3H5.09c	2.267190e-03	-5.267499e-03	-2.548525e-03	2.363540e-02
## SPAC3H5.07	2.040571e-02	-8.736010e-03	1.216007e-03	-5.394265e-03
## SPAC3H5.04	-3.095265e-04	7.485706e-04	-5.772378e-04	-4.557453e-04
## SPAC3H5.05c	-9.745090e-03	-5.907200e-03	2.228353e-03	3.869143e-03
## SPAC3A11.14c	2.693184e-05	-2.611525e-04	-1.063085e-03	2.290531e-03
## SPNCRNA.561	5.957211e-05	-5.601720e-05	1.590657e-04	2.255682e-04
## SPATRNAARG.01	-1.836643e-03	-7.338536e-03	3.614480e-03	-8.890832e-03
## SPNCRNA.908	-1.053283e-04	8.511003e-05	-2.661225e-04	1.247422e-04
## SPAC3A11.11c	-9.310950e-04	-2.388582e-03	2.099439e-03	1.051699e-03
## SPAC3A11.08	1.100781e-03	6.888455e-04	-2.483233e-03	4.240510e-03
## SPAC3A11.07	5.568989e-03	-4.560423e-03	-1.228318e-03	7.987698e-03
## SPAC3A11.06	3.161515e-04	-1.266862e-03	-4.216582e-04	6.236394e-05
## SPAC328.01c	3.880951e-03	-2.536116e-03	1.002869e-03	7.381672e-03
## SPAC328.02	2.648753e-03	-2.293189e-03	1.811829e-03	-2.193244e-03
## SPNCRNA.911	3.794573e-04	2.466517e-04	-1.621889e-04	-1.289047e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	1.769736e-02	-4.216810e-03	-1.848870e-02	1.381659e-02
## SPAC328.07c	1.002763e-03	-1.891395e-03	-1.172262e-03	2.948040e-03
## SPAC328.09	1.016724e-03	8.160756e-05	-6.343373e-04	-1.185896e-03
## SPNCRNA.912	1.452827e-05	1.768996e-05	-1.065093e-05	2.028730e-05
## SPNCRNA.913	-1.405570e-04	5.492679e-05	-2.023888e-05	-4.986473e-05
## SPAC16E8.01	1.562592e-03	-6.621206e-03	-7.726190e-04	1.402814e-02
## SPAC16E8.04c	-2.934821e-04	8.433169e-04	4.455121e-04	4.194278e-03
## SPNCRNA.914	-2.571866e-04	-1.759371e-04	-3.458862e-04	1.575835e-04
## SPNCRNA.562	-1.570782e-05	1.177447e-04	-6.151385e-05	-4.319094e-05
## SPAC16E8.08	2.413290e-05	-4.590286e-05	-1.541493e-04	7.537289e-04
## SPAC16E8.10c	-3.065879e-05	-4.558988e-04	-1.573519e-03	1.874901e-03
## SPAC16E8.11c	-8.548972e-04	-5.976396e-04	-1.477692e-04	1.870838e-03
## SPAC16E8.18	-5.733689e-05	3.419447e-04	1.752980e-04	1.175183e-03
## SPAC16E8.12c	8.535644e-04	-6.293364e-04	-1.420516e-03	2.406251e-03
## SPAC16E8.14c	2.156065e-05	-3.616060e-04	-1.350427e-04	7.676907e-04
## SPAC16E8.16	-1.661882e-03	-1.826338e-03	1.666179e-03	3.676361e-03
## SPAC16E8.17c	-2.831399e-04	-2.678007e-03	-4.745181e-04	-9.639603e-04
## SPAC1B1.02c	6.312250e-04	8.062222e-04	-1.795855e-03	6.871000e-03
## SPAC1B1.03c	-3.880858e-04	-4.811213e-03	1.390841e-03	1.007469e-03
## SPAC1B1.04c	-3.623413e-04	-1.230163e-03	1.581826e-04	3.131230e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	7.286043e-05	1.045096e-04	-4.914077e-04	6.699356e-04
## SPAC17A2.03c	-1.541855e-05	-8.909413e-05	6.887389e-04	-2.636799e-04
## SPNCRNA.917	-2.368007e-06	2.355738e-07	8.590535e-06	1.679677e-05
## SPNCRNA.918	-1.263452e-04	1.263183e-04	5.343542e-06	-1.003855e-04
## SPAC17A2.12	9.383183e-04	-3.435648e-04	-8.654376e-05	3.691965e-03
## SPAC17A2.13c	-4.200228e-03	-1.442604e-03	-2.622106e-03	-4.334244e-03
## SPNCRNA.919	-6.989587e-05	8.530096e-05	-8.651131e-05	1.640716e-04
## SPAC17A2.14	-1.642409e-03	-4.500529e-04	-2.491131e-03	6.308444e-03
## SPNCRNA.600	-5.665749e-05	-1.646475e-04	8.014694e-05	2.336794e-04
## SPAC17G6.07c	-1.887077e-04	2.778421e-04	1.802854e-04	1.116895e-03
## SPAC17G6.09	-6.939933e-04	7.781513e-04	1.158150e-03	2.899639e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	-5.714558e-04	-3.090377e-03	-2.019328e-04	1.210219e-03
## SPNCRNA.922	8.197616e-05	1.427135e-04	-2.227155e-04	4.925937e-05
## SPAC1142.03c	-5.969772e-04	-1.528121e-03	-2.029108e-03	3.254804e-03
## SPRRNA.16	-5.043657e-04	-1.293674e-03	-2.500844e-03	-3.604887e-04

## SPNCRNA.924	-2.883950e-05	-4.612632e-06	-1.637557e-05	-9.554097e-06
## SPAC8C9.03	6.746261e-04	-6.015670e-03	-9.458692e-04	-3.159479e-03
## SPAC8C9.05	-6.649190e-04	-4.954581e-04	-2.205262e-04	6.858415e-04
## SPAC8C9.06c	-1.466417e-03	-3.019424e-03	-2.961485e-03	1.800560e-03
## SPAC8C9.10c	3.664620e-04	-2.687741e-03	4.726058e-04	-1.466623e-03
## SPAC8C9.16c	-3.877248e-04	-2.914318e-04	-1.187883e-03	8.967234e-04
## SPAC15A10.01	1.093197e-03	1.178204e-04	-5.091341e-04	3.385415e-03
## SPAC8C9.17c	-4.746839e-04	-2.914554e-04	-2.813044e-05	6.791856e-04
## SPAC15A10.02	-1.071312e-03	-4.051759e-03	1.616034e-04	2.856164e-03
## SPAC15A10.03c	-1.703364e-04	-2.183827e-04	-4.500830e-04	3.571615e-03
## SPAC15A10.04c	-1.051610e-03	-7.711853e-03	2.421665e-03	1.009887e-02
## SPAC15A10.05c	-6.223872e-04	1.342484e-04	5.778839e-05	7.573201e-04
## SPAC15A10.07	-5.718413e-04	-1.557646e-03	-6.755764e-04	6.121648e-04
## SPAC15A10.10	-9.487863e-04	-9.212413e-04	6.577102e-04	3.633899e-04
## SPATRNPAPHE.01	-3.451956e-03	1.197159e-02	2.855059e-03	-5.485473e-03
## SPATRNPAPVAL.04	-1.473179e-03	-5.206040e-03	1.978797e-03	-8.080486e-03
## SPNCRNA.929	6.307473e-05	-1.096183e-04	-1.235691e-04	2.484946e-04
## SPAC15A10.15	1.716735e-04	1.748389e-04	-1.788572e-03	6.274556e-03
## SPAC15A10.16	2.457815e-03	-4.671575e-03	-1.434344e-03	7.205015e-03
## SPAC15E1.02c	-1.232489e-03	1.210447e-03	-2.665419e-03	1.051743e-02
## SPAC15E1.04	-1.029416e-03	-1.436856e-03	-1.112464e-03	3.176488e-03
## SPAC15E1.06	-1.261686e-05	-1.169156e-03	-3.893838e-04	-1.629653e-05
## SPAC15E1.07c	-3.034815e-05	-7.942377e-07	-1.859633e-05	-2.384804e-05
## SPAC15E1.08	-7.500986e-05	-1.046003e-03	-2.371871e-03	3.736405e-03
## SPNCRNA.931	1.516591e-04	7.243329e-05	-6.311275e-05	7.427775e-05
## SPNCRNA.524	6.337876e-05	-4.420553e-05	1.628442e-05	3.705631e-05
## SPAP7G5.03	-8.957563e-05	1.419536e-03	-1.025605e-03	2.217064e-03
## SPAP7G5.04c	2.557788e-02	1.187846e-02	3.567087e-03	-1.967420e-02
## SPNCRNA.933	4.931504e-06	2.248590e-05	4.721823e-05	8.203458e-05
## SPAP7G5.06	6.350150e-04	-3.402811e-03	-3.519966e-03	1.253205e-02
## SPATRNPAPHE.02	-1.520149e-02	-1.147766e-02	-1.130081e-02	-2.816228e-02
## SPATRNPAPALA.04	1.235141e-04	-8.128155e-05	2.267996e-05	-3.534774e-04
## SPATRNPAGLU.03	6.525792e-03	5.307400e-03	-3.994634e-03	2.121029e-03
## SPATRNPAILLE.04	-6.707579e-05	1.214920e-05	1.196400e-05	-1.126924e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-2.061422e-05	1.823622e-05	1.993480e-05	-5.023440e-05
## SPAP4C9.02	6.799020e-04	-7.329098e-04	-1.604658e-04	1.362184e-03
## SPNCRNA.936	7.490028e-05	1.854591e-04	-1.000748e-04	-5.512629e-05
## SPAC1556.02c	-7.662475e-03	-9.420529e-03	-9.598528e-04	-8.373942e-03
## SPAC1556.06	2.500006e-04	-2.494143e-04	1.055539e-04	8.556115e-05
## SPAC1556.07	-5.155726e-03	-6.235517e-03	-6.006916e-03	-6.399919e-03
## SPAC1556.08c	-1.511596e-03	4.105711e-04	-2.654823e-03	3.485701e-03
## SPAC1F12.06c	-3.185949e-05	-1.148046e-04	-3.903718e-04	1.829572e-03
## SPAC1F12.08	-4.380034e-05	2.618633e-04	-1.408612e-04	1.041091e-03
## SPAC1F12.09	1.036835e-03	-1.258538e-03	4.610442e-04	5.070504e-03
## SPAC1F12.10c	5.694269e-04	-4.589052e-04	-7.637608e-04	-6.572750e-03
## SPAC4H3.17	4.945084e-05	-1.298669e-07	-5.736121e-05	-1.291724e-06
## SPAC4H3.02c	-2.008550e-04	-7.775425e-04	-5.364595e-04	6.278984e-04
## SPNCRNA.938	-8.798376e-05	-2.567219e-05	-1.460070e-04	-4.425627e-06
## SPRRNA.17	5.121967e-04	-5.588674e-03	-1.675059e-03	3.251622e-03
## SPAC4H3.04c	-1.327541e-04	-1.083818e-04	-1.226495e-04	8.448035e-05
## SPAC4H3.05	-7.462358e-04	-6.821488e-04	-1.078564e-03	3.291583e-03
## SPAC4H3.16	-1.143382e-03	-5.675765e-04	1.210883e-03	1.176833e-03

## SPNCRNA.939	-2.312992e-04	-4.352297e-04	-4.445822e-04	-3.700784e-04
## SPAC4H3.07c	9.787407e-04	-1.159642e-03	-1.452308e-03	1.539250e-03
## SPNCRNA.940	9.721630e-06	-1.920580e-04	-9.850599e-05	1.638224e-04
## SPAC4H3.08	-2.097642e-05	9.596496e-04	8.084213e-04	3.723812e-03
## SPAC4H3.10c	-7.356488e-02	-9.678018e-04	-9.001907e-03	2.123369e-02
## SPAC4H3.11c	2.854676e-04	-7.801808e-04	1.623642e-03	3.509069e-03
## SPAC4H3.13	-6.313249e-04	2.338100e-04	-9.308057e-04	1.033546e-03
## SPAC4H3.14c	-3.829040e-04	-7.134792e-04	4.787790e-04	3.483957e-03
## SPAC1071.04c	-1.664401e-04	-7.331518e-04	-4.596365e-04	8.341157e-04
## SPAC1071.07c	1.407615e-02	6.781594e-04	-2.552292e-02	2.827239e-02
## SPAC1071.09c	-3.671508e-04	-1.294102e-03	5.544403e-04	-2.552738e-03
## SPNCRNA.92	-1.491146e-06	1.984354e-06	9.904719e-07	-2.796269e-06
## SPNCRNA.944	2.790870e-04	-1.060588e-04	-2.042959e-04	-8.636000e-05
## SPAC1071.11	-3.312266e-04	1.976138e-04	-4.635853e-04	1.835176e-03
## SPNCRNA.947	-2.668822e-04	4.571554e-04	-3.470621e-04	2.347944e-04
## SPAC926.06c	5.406737e-04	-1.361534e-03	-3.254638e-03	7.611067e-03
## SPAC926.07c	-1.158858e-03	9.523808e-04	-3.880142e-04	1.428435e-04
## SPAC926.08c	-5.217701e-03	-5.598177e-03	1.928042e-03	-5.138649e-03
## SPAC323.02c	1.978407e-03	-1.464348e-03	-1.063767e-03	2.740300e-03
## SPAC323.03c	3.196004e-04	5.899692e-04	-5.867562e-04	1.687756e-03
## SPAC323.04	3.649993e-03	4.245509e-05	-2.239943e-03	5.186579e-03
## SPAC323.05c	-1.544818e-03	-1.826877e-03	-6.899486e-04	1.736154e-03
## SPAC323.08	-2.532097e-04	1.335109e-04	-7.870063e-05	6.349860e-04
## SPAC2F3.01	-1.317650e-04	-1.375246e-04	-5.948415e-04	2.188804e-03
## SPAC2F3.17c	-2.067050e-03	-2.351285e-03	-3.386372e-04	1.637286e-03
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	6.192992e-03	-1.081384e-03	-2.838889e-04	6.228506e-04
## SPAC2F3.10	-4.532263e-04	-4.816261e-04	-4.516955e-04	4.740112e-03
## SPAC2F3.13c	-3.807902e-04	-4.577715e-04	1.564739e-03	1.947017e-04
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	4.442911e-04	-3.031700e-04	-4.015792e-04	1.991633e-03
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	6.916276e-04	-4.135615e-04	-1.500925e-03	2.740222e-03
## SPAC2F3.16	2.114049e-03	-1.573967e-04	-1.108360e-03	1.710477e-03
## SPAC11G7.05c	-1.360511e-03	-4.261610e-04	4.782661e-04	7.702600e-05
## SPAC11G7.06c	-7.554225e-04	5.209921e-04	-2.082450e-04	1.324230e-03
## SPNCRNA.952	1.079792e-04	3.147155e-04	-4.121800e-04	3.525935e-04
## SPAPB18E9.02c	2.188796e-03	-9.790366e-04	-5.214641e-03	1.146738e-02
## SPNCRNA.953	1.081053e-03	-9.383617e-05	-6.126968e-04	3.129602e-04
## SPAPB18E9.04c	-2.039425e-04	3.529194e-04	3.888755e-04	1.899853e-04
## SPNCRNA.954	4.602900e-04	2.597181e-04	-5.139024e-04	3.368671e-04
## SPAPB15E9.06	-2.107589e-04	1.541521e-04	4.397811e-05	3.507702e-05
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-1.336714e-03	-2.151299e-03	3.267836e-04	2.946776e-03
## SPNCRNA.955	-3.820587e-04	2.000110e-04	-1.426753e-04	2.926847e-04
## SPAC27E2.03c	4.399503e-03	-6.248448e-03	-2.289076e-03	-1.504952e-03
## SPAC27E2.11c	-3.607899e-05	-1.233671e-05	2.070045e-05	8.628263e-06
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	-2.905725e-05	2.119604e-05	-2.166653e-04	7.199391e-05
## SPAC27E2.12	5.797991e-05	3.460024e-05	4.297935e-05	-3.344610e-05
## SPAC27E2.06c	-1.065233e-03	-2.030307e-03	9.069690e-04	3.431867e-03
## SPAC27E2.07	2.949955e-04	4.129985e-04	-5.705840e-04	1.662650e-03
## SPAC27E2.08	-1.478174e-07	1.393728e-05	-4.985055e-06	2.528741e-05

## SPAPJ698.02c	8.792360e-04	-1.361198e-02	7.064464e-03	-4.081049e-03
## SPAC19G12.01c	5.473116e-04	-1.243799e-03	4.218706e-05	8.199613e-04
## SPAC19G12.03	-2.864531e-03	-1.508406e-03	-4.554367e-04	3.442178e-03
## SPNCRNA.956	3.415371e-05	1.191799e-04	-4.991276e-05	6.106944e-05
## SPAC19G12.05	2.211017e-03	-5.159656e-04	4.744485e-05	2.607963e-03
## SPAC19G12.10c	-1.530258e-02	-2.843896e-02	-2.046627e-02	5.086862e-02
## SPAC19G12.17	-3.398832e-04	3.596649e-04	-3.183373e-04	2.028519e-03
## SPAC19G12.11	-1.030735e-03	-1.236871e-04	2.543591e-03	-1.147045e-04
## SPAC19G12.12	-1.119625e-03	-8.530684e-04	2.029806e-04	2.431775e-03
## SPAC19G12.15c	-6.111365e-03	-1.502253e-02	-4.458118e-03	8.251473e-03
## SPAC19G12.16c	-7.071472e-03	-8.271948e-04	8.729278e-03	1.048221e-02
## SPAC23A1.02c	-9.109969e-04	-2.001525e-03	-8.666184e-04	4.467331e-04
## SPAC23A1.03	5.383150e-03	6.189810e-03	3.661772e-03	-7.732171e-03
## SPAC23A1.04c	-6.722159e-04	-1.979210e-03	-6.058102e-04	3.915969e-03
## SPAC23A1.05	-1.272894e-03	2.496891e-04	-9.928282e-04	4.508061e-03
## SPAC23A1.06c	8.973907e-04	-2.454346e-03	1.300970e-03	-1.349157e-03
## SPAC23A1.09	6.039765e-04	-3.787209e-04	-3.696060e-04	1.820766e-03
## SPNCRNA.957	-7.396479e-05	1.816118e-04	-1.167624e-04	-5.200646e-05
## SPAC23A1.11	6.112462e-03	-1.564006e-02	-2.750328e-03	2.942981e-04
## SPAC23A1.12c	7.480651e-04	-4.827450e-03	2.321619e-03	-6.224756e-03
## SPNCRNA.958	6.775406e-05	-3.013573e-04	-2.384350e-06	-6.093178e-05
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	-5.948974e-04	-8.102341e-04	-1.438367e-03	1.061709e-03
## SPAC23A1.17	3.020497e-03	-3.467781e-03	-8.957939e-04	5.259197e-03
## SPAC23A1.18c	-1.283940e-03	-1.566630e-03	-1.968742e-03	5.267397e-04
## SPAC23A1.19c	-4.268735e-04	1.337313e-03	-2.324804e-03	7.052675e-03
## SPAC26H5.02c	1.653106e-04	1.237020e-04	3.182993e-04	1.359306e-03
## SPAC26H5.03	-2.777408e-04	-1.559537e-03	-9.132682e-04	1.369942e-03
## SPNCRNA.959	3.933360e-05	4.430924e-04	-1.025175e-04	-1.444411e-06
## SPNCRNA.960	7.682154e-05	4.016797e-05	1.492858e-04	1.324821e-04
## SPAC26H5.05	-3.044235e-03	-2.764640e-03	-7.894544e-04	3.920667e-03
## SPAC26H5.06	4.185148e-04	-1.089530e-03	-7.553121e-04	1.908697e-04
## SPNCRNA.963	2.524040e-04	1.052785e-04	6.503146e-05	1.441451e-04
## SPAC26H5.11	-9.174814e-04	-1.819558e-03	-2.795191e-03	5.459944e-03
## SPAC26H5.12	4.669987e-04	-2.953682e-03	-6.196760e-04	2.559176e-03
## SPAC26H5.13c	1.096286e-04	4.377659e-04	5.198326e-04	1.890013e-03
## SPAC25B8.01	8.825312e-04	-1.087067e-03	4.996937e-05	7.120598e-04
## SPAC25B8.06c	-6.709412e-04	-9.275317e-04	4.788647e-04	-6.082500e-04
## SPAC25B8.08	2.488230e-03	-1.207664e-03	-5.955665e-04	3.159555e-03
## SPNCRNA.966	1.269641e-04	7.888735e-05	1.173583e-04	-9.043087e-05
## SPAC25B8.09	6.629435e-04	-1.157036e-05	2.201008e-04	-3.530350e-04
## SPAC25B8.12c	-1.458260e-02	-1.431231e-02	-4.799181e-04	-6.341916e-04
## SPAC25B8.17	-1.026028e-03	-1.807594e-03	5.976280e-04	2.161825e-03
## SPAC25B8.18	3.994512e-04	-5.721961e-04	-4.209436e-04	1.741003e-04
## SPAC25B8.19c	-9.671256e-06	-1.244263e-03	-1.013613e-03	2.984810e-03
## SPAC683.03	3.512507e-05	6.281237e-05	-2.358163e-05	5.363007e-05
## SPNCRNA.969	1.181874e-04	-5.341475e-04	1.330327e-04	4.708084e-04
## SPAC683.02c	-2.060288e-03	-1.015703e-03	-3.806106e-03	2.864407e-03
## SPAC694.02	1.691440e-03	-1.527807e-02	3.051385e-02	-2.621594e-02
## SPAC694.05c	-1.486712e-02	1.674784e-03	-1.995057e-02	2.021953e-02
## SPAC694.06c	-2.545560e-03	-1.927478e-03	1.364160e-03	5.104717e-03
## SPAC1F7.01c	7.922284e-04	-6.645856e-03	4.031985e-05	4.232810e-03
## SPAC1F7.14c	5.237990e-04	-6.445919e-04	6.769133e-04	-1.356203e-04
## SPAC1F7.04	-1.168022e-03	-3.095557e-03	-2.560088e-03	1.775212e-03

## SPAC1F7.05	-2.590055e-02	-7.135003e-04	1.987805e-02	3.924693e-03
## SPNCRNA.973	1.514093e-04	3.043407e-04	-1.984515e-04	1.518112e-04
## SPNCRNA.243	-8.175571e-05	-5.022847e-05	7.467526e-05	8.263623e-05
## SPAC1F7.08	4.419342e-02	-8.976244e-03	-1.303989e-02	6.263677e-02
## SPAC1F7.09c	1.043786e-04	2.148045e-04	-5.903494e-04	7.420335e-04
## SPAC1F7.13c	-1.462140e-02	-3.818503e-03	-1.988722e-02	1.304818e-02
## SPAC21E11.04	2.373838e-04	1.491165e-03	-1.688620e-04	2.740613e-04
## SPAC21E11.06	1.628131e-03	-5.214059e-03	1.285436e-03	5.787602e-03
## SPNCRNA.13	3.878466e-05	1.704291e-05	4.474000e-05	3.527777e-05
## SPAC21E11.07	-5.460704e-04	-7.355874e-04	-7.546558e-04	1.517997e-03
## SPAC2C4.03c	3.810622e-04	-1.257261e-03	-4.201827e-04	1.436589e-04
## SPAC2C4.04c	-4.000736e-04	-7.689109e-04	-7.692700e-04	1.095755e-03
## SPNCRNA.98	1.960773e-01	7.720996e-02	-1.024300e-01	-3.407875e-02
## SPAC2C4.07c	2.580899e-04	-1.502316e-03	-1.481320e-03	2.963573e-03
## SPAC2C4.09	-3.975393e-04	-4.120446e-04	-9.251579e-04	5.640318e-04
## SPAC2C4.10c	-1.339857e-03	-1.191298e-03	-1.449671e-03	2.844877e-03
## SPAC2C4.13	1.630590e-03	-1.219130e-03	-2.079654e-03	4.434786e-03
## SPAC2C4.17c	7.712165e-03	-1.869453e-03	-2.603809e-04	-1.131270e-02
## SPAC25G10.02	-7.273801e-04	-3.584160e-04	-1.028353e-05	1.110180e-04
## SPAC25G10.03	1.910478e-04	1.494250e-03	7.177730e-04	3.499206e-04
## SPAC25G10.04c	9.511991e-04	6.513794e-04	-1.431227e-04	8.362196e-04
## SPAC25G10.08	1.813560e-02	-1.542050e-02	9.266143e-03	-6.472239e-03
## SPAC27F1.05c	-1.384698e-04	-1.192446e-04	-1.146402e-04	6.547047e-04
## SPNCRNA.977	-1.161991e-04	-1.433566e-04	-1.651325e-04	8.194239e-04
## SPAC27F1.10	-9.475808e-06	1.427487e-04	-9.669901e-05	5.161747e-05
## SPNCRNA.978	3.716361e-05	-8.287821e-06	-1.358317e-04	2.731765e-04
## SPAC27F1.06c	3.017997e-03	-5.282321e-03	-1.686525e-04	-3.099017e-03
## SPAC23D3.04c	6.950644e-03	6.554832e-04	-6.169175e-03	4.127086e-03
## SPAC23D3.05c	-9.006612e-04	-8.312004e-04	1.455820e-05	1.811827e-04
## SPAC23D3.06c	-5.291896e-04	-5.062470e-03	-2.410098e-03	1.837031e-04
## SPAC23D3.07	2.603975e-03	-9.174246e-04	4.461491e-03	-7.267014e-05
## SPAC23D3.09	-8.646909e-04	1.310540e-03	-1.354283e-03	3.194984e-03
## SPAC23D3.10c	4.045681e-04	-1.080795e-03	1.217888e-03	2.988349e-03
## SPNCRNA.244	-4.376978e-05	-1.455493e-04	-4.183135e-05	1.137802e-04
## SPAC23D3.12	1.439911e-02	3.170622e-03	-1.500621e-02	3.637590e-02
## SPAC23D3.16	2.416446e-05	-8.604253e-04	-6.260864e-04	5.759645e-04
## SPAC23D3.13c	-1.665176e-04	-6.527525e-04	-3.660149e-03	7.599913e-03
## SPAC23D3.14c	2.698536e-04	-7.430121e-04	-4.066822e-05	2.813516e-04
## SPNCRNA.982	5.657608e-04	1.976807e-04	-2.729041e-04	7.427930e-04
## SPAC1527.01	9.567544e-04	8.185512e-04	-2.646587e-03	4.540210e-03
## SPAC1527.02	1.460777e-04	-2.226635e-04	5.627688e-06	2.081194e-03
## SPAC1527.03	-7.927996e-04	-1.103066e-03	-2.129098e-03	3.996279e-03
## SPAC30.03c	-1.053778e-03	7.175626e-04	5.558354e-05	2.015057e-03
## SPNCRNA.983	1.273632e-05	-3.328256e-05	-4.433770e-05	3.205023e-05
## SPNCRNA.984	-2.766950e-04	7.536088e-05	-2.352639e-04	3.931468e-05
## SPNCRNA.246	-1.011387e-05	6.992978e-06	1.343184e-05	2.645868e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	1.803162e-03	-1.692050e-03	-1.957430e-03	2.097957e-03
## SPAC29E6.06c	4.959615e-03	-6.621847e-03	1.091071e-03	9.314085e-03
## SPAC29E6.09	-5.610237e-04	2.676544e-04	-2.862106e-04	1.889545e-03
## SPAC29E6.10c	4.161635e-03	-3.237421e-03	-2.638985e-03	1.009660e-02
## SPAC16.02c	3.670956e-03	-5.331081e-03	-5.699773e-03	9.468226e-03
## SPNCRNA.247	2.891959e-05	1.215053e-05	1.957606e-06	2.555493e-05
## SPAC16.04	-1.475235e-03	-3.503437e-03	2.462208e-03	1.306207e-03

## SPNCRNA.99	-7.922792e-05	-1.670881e-04	1.216129e-04	-5.310015e-04
## SPAC9E9.02	4.496079e-04	1.150510e-04	-3.653845e-04	-1.889869e-05
## SPNCRNA.988	9.825762e-05	6.464494e-05	1.300291e-04	-2.193135e-04
## SPAC9E9.05	-2.236177e-04	-4.515199e-04	-1.823175e-05	5.054931e-04
## SPAC9E9.06c	8.801374e-03	1.166382e-03	3.061391e-03	-4.443743e-03
## SPAC9E9.07c	1.944538e-03	-1.939551e-03	-1.841988e-03	2.461783e-03
## SPAC9E9.08	6.924174e-04	1.359550e-03	-1.006264e-03	4.025666e-03
## SPNCRNA.990	8.284030e-06	-4.572150e-05	-3.699672e-04	4.738723e-04
## SPAC9E9.10c	2.676298e-03	-3.793988e-03	-9.350540e-04	2.365573e-03
## SPAC9E9.11	-1.993544e-02	3.362640e-03	-3.695623e-03	-4.547726e-03
## SPAC9E9.12c	-3.857184e-04	-8.797457e-04	-3.630636e-04	9.287459e-04
## SPAC9E9.13	3.825417e-02	-3.857625e-02	-2.355798e-02	-1.616819e-03
## SPAC9E9.14	1.963257e-03	-7.067324e-04	-1.788400e-03	4.591514e-03
## SPAC17C9.16c	-1.923337e-03	6.105688e-04	-1.253910e-03	5.780510e-03
## SPAC17C9.15c	1.565819e-03	-5.483742e-04	-1.791664e-03	2.636546e-03
## SPAC17C9.13c	-6.747490e-04	7.393521e-05	-2.977294e-03	8.570744e-03
## SPAC17C9.12	-1.835647e-03	-2.600406e-03	-7.824519e-04	6.476828e-04
## SPAC17C9.11c	5.341473e-05	-2.413802e-03	-2.159311e-04	4.583363e-04
## SPAC17C9.09c	2.485036e-03	-1.705584e-03	6.647008e-04	3.661232e-04
## SPAC17C9.08	6.678994e-04	-5.012495e-04	-3.249379e-04	2.802929e-03
## SPAC17C9.06	9.051752e-04	-1.998036e-04	2.362253e-04	4.686514e-03
## SPAC17C9.03	1.825162e-03	-3.519719e-02	-1.449157e-03	5.444467e-03
## SPAC17C9.02c	-4.317918e-04	-9.341458e-04	-1.022082e-04	1.338395e-03
## SPAC1851.02	2.566288e-03	-1.192642e-04	-1.848329e-04	2.906051e-03
## SPAC1851.03	-8.048723e-04	-1.006023e-03	-9.817263e-04	2.945096e-03
## SPNCRNA.992	3.963630e-05	4.665504e-04	-5.730255e-04	1.052943e-03
## SPAC27D7.03c	6.486116e-04	-1.640983e-04	-9.974115e-04	1.315134e-03
## SPAC27D7.04	2.844596e-04	2.693980e-04	-1.209945e-05	4.329044e-04
## SPAC27D7.05c	-5.058984e-04	6.268302e-04	-5.649709e-04	1.017753e-03
## SPAC27D7.07c	6.574202e-04	-2.342333e-03	8.964997e-04	-1.572258e-04
## SPAC27D7.08c	-6.652441e-04	-1.031430e-04	6.194156e-04	2.610198e-05
## SPAC27D7.09c	-3.004691e-02	-1.163652e-02	9.926935e-03	4.882348e-03
## SPAC27D7.11c	-7.956330e-04	-9.342951e-04	-8.731890e-03	1.058722e-02
##	[,17]	[,18]	[,19]	[,20]
## SPAC212.11	-2.677233e-04	-2.789710e-04	-5.201934e-05	3.905948e-04
## SPAC212.09c	6.327582e-04	-1.733909e-04	-1.174820e-04	2.686439e-04
## SPNCRNA.70	-3.252871e-06	4.012583e-06	-4.927499e-06	1.477159e-07
## SPAC212.12	2.895855e-05	-5.318032e-05	-1.277452e-05	-1.159914e-05
## SPAC212.04c	6.367445e-04	-1.668245e-05	6.619808e-04	-3.777940e-04
## SPAC212.03	-5.148245e-06	-1.798155e-06	-5.746277e-06	-2.072857e-05
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	1.893538e-05	-1.713975e-05	1.441756e-05	-3.387474e-05
## SPAC977.03	-5.462064e-07	8.387653e-07	6.094875e-07	-1.779137e-05
## SPAC977.04	8.329046e-06	-1.818816e-05	-1.372630e-05	-2.933161e-05
## SPAC977.05c	-2.653367e-05	3.250296e-05	-1.364715e-05	2.414257e-05
## SPNCRNA.136	-4.237198e-06	6.068234e-06	-3.708892e-06	-1.027823e-05
## SPNCRNA.601	-5.044395e-05	3.058874e-05	-2.299731e-04	-1.197530e-04
## SPAC977.07c	-1.835021e-05	-3.535784e-05	1.509008e-05	-3.268338e-06
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	1.559619e-03	-1.627706e-04	4.663817e-04	-8.972614e-04
## SPAC977.13c	6.524054e-04	-5.308977e-04	-2.205542e-05	6.517383e-04
## SPAC977.15	-8.640736e-04	1.840906e-04	-8.403752e-04	1.035944e-04
## SPAC977.16c	-1.736056e-03	-6.306689e-04	-2.016400e-04	2.499787e-03

## SPNCRNA.37	-3.090584e-05	8.012471e-08	-3.894612e-05	-6.033431e-05
## SPAPJ695.01c	7.377554e-05	-2.842663e-05	-3.417475e-05	-2.445841e-05
## SPNCRNA.76	3.136230e-05	1.438069e-04	4.966891e-06	-5.054029e-05
## SPNCRNA.603	-4.347443e-05	-1.390852e-04	1.558856e-05	-4.152954e-05
## SPNCRNA.607	7.909646e-04	-5.125333e-04	-3.369320e-04	-1.946485e-04
## SPAC1F8.06	1.273984e-03	-3.374129e-04	1.914902e-03	-7.152236e-04
## SPAC1F8.08	6.796079e-04	-7.603018e-04	1.806903e-04	5.924980e-04
## SPAC11D3.19	4.648022e-04	3.306504e-04	-3.319264e-04	-3.727710e-05
## SPAC11D3.01c	-7.972424e-03	7.535349e-03	6.401880e-03	8.185945e-03
## SPNCRNA.608	2.285167e-04	2.135757e-04	-5.942616e-04	-1.045609e-04
## SPAC11D3.02c	-2.865577e-03	1.646408e-03	2.841566e-03	-9.281963e-03
## SPAC11D3.03c	-7.026956e-04	-1.289193e-04	4.723738e-04	-2.395886e-04
## SPAC11D3.05	-4.748708e-03	-2.034487e-03	2.210745e-03	-9.567903e-04
## SPAC11D3.07c	5.493925e-03	-9.022022e-04	-1.692764e-03	-9.594489e-04
## SPAC11D3.08c	3.759361e-03	2.973304e-03	-1.196983e-03	-1.177936e-03
## SPAC11D3.11c	1.435059e-03	8.064179e-04	-1.171374e-03	-1.033616e-03
## SPAC11D3.14c	4.269538e-04	1.427160e-03	-4.029198e-04	-1.097547e-03
## SPNCRNA.609	9.524398e-04	-6.830332e-04	2.378369e-04	-7.432223e-04
## SPNCRNA.147	-6.108689e-05	7.727701e-06	-5.737698e-05	3.685515e-05
## SPNCRNA.610	-4.422739e-06	-4.116219e-05	3.940475e-05	-6.888683e-05
## SPAC11D3.16c	1.476018e-03	-1.400708e-03	-5.162187e-04	-1.234207e-03
## SPAC11D3.18c	2.853680e-04	4.793155e-04	5.653910e-04	-2.846122e-04
## SPNCRNA.612	2.805641e-04	-4.227830e-04	-6.741095e-05	-1.104572e-03
## SPAC5H10.01	-4.287079e-04	7.309943e-05	1.196910e-04	3.570657e-04
## SPAC5H10.03	-2.751472e-02	-2.621010e-03	-1.872967e-02	-1.764209e-02
## SPAC5H10.04	6.745446e-06	-4.019985e-04	-6.449720e-04	-3.845824e-04
## SPAC5H10.06c	4.623849e-03	-1.209457e-04	1.375250e-03	-6.791505e-03
## SPAC5H10.08c	-2.261570e-03	-4.551126e-03	2.341423e-03	-1.659837e-03
## SPAC5H10.09c	5.297065e-04	4.906410e-05	6.349345e-04	-6.729355e-04
## SPAC5H10.10	-2.770441e-03	9.806476e-04	-3.440674e-03	-1.232339e-03
## SPAC5H10.11	-2.722553e-04	6.914137e-05	-8.529112e-05	1.326587e-05
## SPAC5H10.12c	5.137345e-03	-5.225795e-05	1.094225e-03	-1.441800e-03
## SPAC5H10.13c	6.041821e-03	1.589661e-03	4.574698e-03	-3.734292e-03
## SPNCRNA.617	3.611207e-04	4.238515e-06	1.090210e-04	4.075041e-04
## SPAC13G6.01c	2.028765e-03	-8.894582e-04	-1.433272e-03	-6.850112e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	9.139737e-04	2.126461e-03	-5.858484e-05	-1.891791e-04
## SPNCRNA.618	1.583320e-05	-2.268428e-04	3.369676e-04	1.306512e-04
## SPNCRNA.620	5.897749e-05	-6.986279e-05	-7.261720e-05	1.660842e-04
## SPAC13G6.14	1.867829e-03	1.623526e-03	-3.882909e-04	7.823998e-04
## SPAC13G6.15c	5.180192e-04	-1.174929e-03	9.942412e-04	-1.959246e-05
## SPNCRNA.621	5.625739e-04	-3.576592e-04	-6.225235e-05	1.135942e-04
## SPAC24B11.05	6.499792e-04	-2.106905e-03	3.811620e-04	-1.888880e-04
## SPAC24B11.08c	1.213676e-03	-1.596128e-03	-2.097076e-03	-2.311269e-03
## SPNCRNA.142	-5.894820e-06	8.281255e-06	8.548960e-06	2.827486e-05
## SPAC24B11.09	-2.656863e-04	1.025411e-03	5.203302e-05	-2.720116e-03
## SPAC24B11.11c	5.459265e-03	-2.573787e-03	1.467637e-03	-1.096241e-03
## SPAC24B11.12c	3.820509e-03	-4.783541e-04	-6.833646e-03	6.024414e-03
## SPNCRNA.624	1.750498e-04	4.455501e-04	-7.475090e-05	-5.856512e-04
## SPAC806.02c	-2.832315e-03	-4.229159e-03	1.996333e-03	3.210990e-03
## SPNCRNA.625	2.170386e-04	-6.582282e-05	-1.641769e-04	-1.810439e-05
## SPAC806.11	1.219986e-04	2.099359e-04	6.685283e-05	-1.734969e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-4.651550e-04	8.720216e-06	-1.678174e-04	-3.924518e-04

## SPNCRNA.627	-3.178789e-05	2.437213e-05	6.689286e-05	7.070996e-05
## SPNCRNA.628	9.147361e-05	-8.214751e-05	-3.806908e-05	-4.710193e-05
## SPAC806.06c	3.655579e-03	3.571883e-04	2.587793e-03	3.158134e-03
## SPAC806.07	-1.349706e-03	-1.392120e-03	-1.694612e-03	-1.675083e-03
## SPNCRNA.630	-1.310701e-04	-3.285405e-04	2.802816e-04	-2.827918e-04
## SPAC1F5.11c	7.217147e-03	-6.102669e-03	-5.719965e-03	-5.194093e-03
## SPNCRNA.632	4.363034e-05	-1.838866e-04	1.724999e-04	7.202792e-05
## SPNCRNA.633	-1.996726e-04	-9.546203e-05	-1.707037e-04	-1.576660e-04
## SPAC1F5.07c	-1.264757e-03	1.866735e-03	-1.228978e-03	-2.709514e-03
## SPAC1F5.04c	7.108360e-03	2.739813e-03	5.792366e-04	-3.578092e-03
## SPAC1F5.02	-1.756311e-02	-2.572770e-02	-9.400714e-03	1.651201e-02
## SPNCRNA.148	-2.603841e-05	4.279541e-05	5.588664e-05	4.216861e-06
## SPAC18B11.10	4.317828e-03	-6.797577e-04	-1.300391e-03	-1.354024e-03
## SPNCRNA.27	-2.567248e-05	-1.522614e-05	5.966980e-06	-7.031430e-08
## SPNCRNA.635	1.887749e-05	5.697510e-05	-5.892878e-05	1.803473e-05
## SPAC18B11.09c	-9.018051e-04	4.729128e-05	9.091749e-05	-1.713389e-04
## SPAC18B11.08c	-2.409703e-04	-1.237609e-03	-6.332232e-04	7.422389e-04
## SPAC18B11.07c	1.319152e-03	-3.087943e-04	-2.526965e-03	1.119712e-03
## SPAC18B11.04	-8.686124e-06	-1.742423e-03	-6.091883e-04	-1.279771e-03
## SPNCRNA.636	-1.690246e-04	-1.082373e-03	1.082009e-03	-1.931487e-04
## SPAC18B11.02c	-2.418968e-03	3.759284e-04	5.416360e-05	1.891839e-03
## SPAC12G12.15	-1.621571e-04	-2.949589e-04	-1.400678e-03	2.494242e-04
## SPNCRNA.637	2.310762e-04	-1.049870e-04	4.230693e-06	1.081203e-04
## SPAC12G12.14c	9.919862e-04	-1.238957e-03	2.925423e-04	-3.604554e-05
## SPNCRNA.638	-6.326483e-05	-7.229256e-05	-9.144647e-05	1.482250e-05
## SPAC12G12.10	2.913824e-03	-8.383104e-04	7.111642e-04	-1.022021e-03
## SPAC12G12.09	5.271705e-03	-2.804085e-03	1.291519e-03	-1.104488e-04
## SPAC12G12.06c	-7.822934e-03	-4.999376e-03	9.021127e-04	1.592995e-03
## SPNCRNA.639	-5.090227e-05	6.403910e-05	3.658290e-05	-6.446192e-05
## SPAC12G12.03	4.655685e-03	-1.144971e-03	1.907769e-03	-4.269319e-03
## SPAC630.05	2.625174e-03	-9.013047e-04	1.032550e-03	-9.718558e-04
## SPAC630.15	-1.113117e-04	-2.642456e-04	-6.568180e-04	-1.190642e-03
## SPATRNPAPRO.01	8.205404e-04	4.835883e-04	-3.602025e-03	-1.159185e-03
## SPAC630.11	2.024550e-03	-3.006249e-03	2.705858e-03	-6.913532e-04
## SPAC630.12	1.412723e-03	-5.090278e-04	9.083828e-04	-1.996862e-03
## SPAC630.13c	4.973286e-03	-3.560996e-03	-7.023088e-04	-3.601246e-03
## SPAC630.14c	2.719324e-03	5.110608e-04	-1.576070e-04	-2.613584e-03
## SPAC1751.01c	6.891347e-04	6.273119e-04	-5.493722e-04	9.092596e-04
## SPAC1751.04	1.700807e-03	-7.021046e-04	2.996214e-04	-1.902062e-03
## SPAC1751.02c	3.240592e-04	-1.557017e-03	-1.219382e-03	-1.023807e-03
## SPAC31A2.02	-1.027095e-03	-2.102046e-03	-1.639815e-03	4.963611e-04
## SPNCRNA.643	-5.144400e-05	2.670371e-04	7.698124e-05	-2.035068e-04
## SPAC31A2.03	-1.634974e-04	-1.541125e-03	1.917473e-03	3.389625e-04
## SPAC31A2.04c	-5.106352e-04	-5.610600e-03	8.340192e-04	-1.520359e-04
## SPAC31A2.06	1.828650e-03	-3.599139e-03	1.030668e-03	1.323803e-03
## SPAC31A2.07c	4.880269e-03	5.069889e-05	4.003082e-03	-2.025640e-03
## SPAC31A2.09c	5.788932e-04	-2.356862e-03	-1.128694e-03	-2.722717e-04
## SPAC31A2.11c	3.082426e-03	1.402995e-03	2.340100e-03	-8.633730e-04
## SPAC31A2.12	2.532759e-03	2.280692e-03	-5.756991e-04	2.868503e-04
## SPAC31A2.13c	1.751755e-03	-9.656915e-04	-7.320748e-04	8.731561e-04
## SPAC31A2.14	5.530227e-03	-2.810354e-04	4.686467e-04	1.244877e-04
## SPAC31A2.16	4.094546e-03	-5.916768e-05	2.206220e-03	8.194527e-05
## SPAC13C5.01c	1.435536e-03	-4.084600e-03	-3.150257e-03	1.129557e-03
## SPNCRNA.644	3.193105e-05	4.722100e-05	2.095858e-04	-1.033312e-04

## SPAC13C5.04	3.283153e-03	-9.640665e-04	-2.920096e-03	4.322892e-03
## SPNCRNA.645	-1.563950e-04	-1.068253e-05	-4.037947e-04	-4.498817e-04
## SPAC13C5.05c	-1.180453e-03	-1.906551e-03	-7.666465e-04	1.086237e-03
## SPAC13C5.06c	2.282470e-03	-1.109522e-03	-9.628136e-04	5.463114e-04
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	3.243762e-02	4.321745e-02	-8.414724e-05	7.995242e-02
## SPAC23E2.02	3.211543e-03	-4.090381e-05	-1.478891e-03	-7.996728e-04
## SPRRNA.11	4.789292e-03	-9.170674e-03	1.039168e-02	9.289745e-03
## SPAC24H6.12c	5.682138e-03	-1.299604e-03	-1.969528e-03	3.837842e-03
## SPAC24H6.11c	5.392545e-03	1.764937e-04	-2.613218e-03	-1.638900e-03
## SPNCRNA.652	3.378283e-04	-5.026796e-04	7.141995e-04	-7.204295e-04
## SPAC24H6.09	7.188949e-04	-2.576415e-03	-4.752636e-04	-1.643260e-03
## SPAC24H6.07	-1.250962e-02	-1.137465e-02	1.273770e-02	3.079786e-03
## SPAC24H6.06	1.650879e-03	-9.870985e-04	2.937551e-04	-7.784860e-04
## SPAC24H6.04	-1.009242e-02	9.523759e-03	-5.362891e-03	-2.354423e-03
## SPNCRNA.653	3.990385e-05	-1.342404e-04	-6.454250e-05	-4.111195e-05
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	7.727674e-04	-6.145722e-04	8.262540e-05	1.874616e-05
## SPNCRNA.654	-1.355299e-05	6.526020e-05	-4.129119e-05	8.877911e-05
## SPAC24H6.01c	4.585066e-04	-7.243818e-04	-3.437712e-04	-1.491137e-03
## SPAC227.19c	6.370030e-04	-6.310860e-04	-4.029553e-05	-1.772607e-04
## SPNCRNA.655	1.879320e-04	-1.521897e-03	6.671919e-04	-1.496408e-03
## SPAC227.05	7.462431e-04	-1.497399e-03	-3.899578e-04	1.351669e-04
## SPAC227.06	-6.844502e-04	-1.974545e-03	9.537285e-04	1.220578e-03
## SPAC227.07c	1.767444e-03	-8.205430e-04	-4.761203e-04	6.363234e-04
## SPNCRNA.657	6.478637e-04	-1.218895e-03	-7.052198e-05	-5.978344e-04
## SPAC227.08c	-3.976826e-04	-9.131436e-04	8.954232e-04	-2.476992e-04
## SPAC227.09	-3.250056e-04	-1.086351e-03	-4.114611e-04	9.705929e-04
## SPAC227.10	-7.914864e-04	-8.223939e-04	1.588015e-03	1.252553e-04
## SPAC227.11c	-8.191184e-05	-1.080684e-03	-9.912759e-04	-1.041724e-03
## SPAC227.12	1.649786e-03	1.057607e-03	5.750481e-04	-1.369679e-03
## SPAC227.13c	-3.127750e-04	-5.599365e-03	3.218085e-03	2.916343e-04
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	1.140775e-03	9.704147e-05	9.863789e-04	-5.136876e-04
## SPAC2F7.04	2.540884e-03	-1.237174e-03	5.763756e-04	-6.157628e-04
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	2.087079e-04	-1.180348e-04	3.200629e-05	7.007425e-05
## SPNCRNA.661	2.766903e-04	6.604336e-04	-4.177835e-04	-1.550781e-04
## SPAC2F7.13c	-7.302273e-03	2.913972e-03	-7.031940e-05	6.235390e-03
## SPAC2F7.15	3.537489e-04	-1.768268e-03	-2.283441e-03	5.309535e-04
## SPAC13A11.01c	2.311912e-03	-4.998830e-03	-2.417942e-04	1.859810e-03
## SPAC13A11.03	-9.964317e-03	1.824062e-03	2.657348e-03	1.565286e-02
## SPAC13A11.04c	5.864299e-06	9.692924e-04	1.767771e-03	-1.525142e-03
## SPAC13A11.05	-3.259963e-03	-3.428749e-03	7.896579e-04	-5.282804e-03
## SPAC3H8.02	9.150162e-04	-3.498104e-04	6.929316e-05	-9.046391e-04
## SPAC3H8.03	6.620253e-04	-7.651756e-04	-7.664870e-04	4.599656e-04
## SPNCRNA.663	2.238598e-04	-5.799519e-06	-1.795132e-04	-2.101443e-04
## SPAC3H8.04	2.179395e-03	-5.887802e-03	3.143946e-03	-1.240316e-04
## SPNCRNA.156	-4.870947e-06	3.163609e-05	6.843099e-08	-1.554764e-05
## SPAC3H8.08c	3.160294e-03	2.972885e-04	1.509990e-03	4.161173e-04
## SPNCRNA.667	4.494280e-04	-1.130510e-04	-3.512919e-04	-1.210292e-04

## SPAC3H8.10	6.737540e-03	-6.137989e-03	-3.560515e-04	3.633162e-03
## SPAC1F3.01	6.683993e-04	-3.371066e-03	1.512025e-03	1.433148e-03
## SPAC1F3.02c	4.407670e-03	-4.325024e-04	-3.185055e-03	-5.529675e-04
## SPAC1F3.03	2.930161e-03	1.858502e-03	-2.024193e-03	-1.335743e-03
## SPAC1F3.04c	5.685420e-04	-1.084459e-03	-5.620404e-04	-2.344393e-03
## SPAC1F3.05	8.943638e-04	8.413267e-04	-1.381889e-03	7.016048e-04
## SPAC1F3.06c	9.012366e-03	4.199708e-03	-9.659535e-03	3.084855e-03
## SPAC1D4.01	8.201971e-04	6.873698e-04	-1.401604e-03	-9.810828e-04
## SPAC1D4.02c	1.878092e-04	1.307681e-03	-4.962089e-04	-1.383596e-03
## SPAC1D4.03c	-1.947766e-04	-5.014341e-04	-4.637232e-04	-8.531588e-04
## SPNCRNA.670	4.085215e-04	-1.796221e-04	-2.659418e-05	-3.230910e-04
## SPAC1D4.05c	1.617727e-03	-1.136105e-03	5.712270e-04	-6.695507e-04
## SPAC1D4.07c	-1.054865e-04	-1.233841e-04	-1.259332e-04	1.983916e-04
## SPAC1D4.10	2.111784e-04	-1.349211e-03	2.079090e-03	-1.846976e-03
## SPNCRNA.671	3.493727e-05	-5.240146e-04	1.050575e-04	-4.029181e-04
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	2.160340e-03	-1.426011e-03	3.364142e-04	-1.853253e-03
## SPAC1D4.14	2.632844e-03	-8.480467e-04	2.101287e-03	-2.046058e-03
## SPAC22F3.13	1.917146e-03	2.193662e-03	-1.539676e-03	-2.063684e-03
## SPNCRNA.675	-3.025769e-05	-1.388735e-04	-1.316418e-04	-1.973805e-04
## SPNCRNA.158	1.375451e-05	-3.451909e-05	8.213757e-05	2.726293e-05
## SPAC22F3.11c	1.283400e-03	-1.035608e-04	5.175206e-04	-1.615133e-04
## SPAC22F3.10c	-2.605375e-03	-2.242041e-03	-3.528347e-03	-1.291422e-03
## SPAC22F3.08c	1.414274e-03	-3.693896e-04	-6.778327e-04	-7.273377e-04
## SPAC22F3.07c	-8.561458e-04	-3.406219e-03	-6.928480e-04	3.630483e-04
## SPAC22F3.05c	2.467495e-03	-1.398990e-03	-1.210424e-05	-6.350810e-04
## SPNCRNA.676	1.003233e-04	-2.996470e-05	-5.464490e-05	2.380441e-04
## SPAC22F3.03c	4.743124e-05	-3.886620e-04	-2.754051e-04	-5.367454e-04
## SPAC1296.03c	6.162322e-04	-3.610232e-04	2.736072e-04	-8.382566e-04
## SPAC1296.04	1.865136e-03	7.545498e-04	-2.717373e-04	-4.260107e-04
## SPAC1296.05c	-1.279869e-03	9.903388e-04	1.489732e-03	4.717804e-04
## SPAPJ696.02	1.848113e-03	-9.553445e-04	-2.821821e-03	2.438308e-03
## SPAC22G7.01c	-9.380894e-03	9.423029e-04	-5.492400e-03	-7.218062e-04
## SPNCRNA.677	9.523216e-04	-3.239821e-04	2.140640e-04	3.453085e-04
## SPAC22G7.03	9.284298e-05	5.912184e-05	5.700759e-05	2.119454e-04
## SPNCRNA.678	1.691225e-04	-5.780163e-05	1.108629e-04	-4.631612e-05
## SPAC22G7.05	-3.112260e-03	1.017208e-04	-3.955756e-03	-1.691661e-03
## SPAC22G7.09c	4.585920e-03	1.504048e-03	5.323273e-04	-9.187085e-04
## SPAC22G7.10	1.853759e-03	-1.438518e-03	2.131966e-03	-1.151627e-03
## SPAC4G8.02c	-2.537783e-04	-3.917923e-03	-1.200181e-03	3.814629e-03
## SPAC4G8.03c	-4.190033e-04	1.404990e-03	-7.009892e-04	1.070438e-04
## SPAC4G8.06c	-3.682418e-04	-2.894992e-04	-2.080357e-03	-2.552549e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	2.407412e-04	-6.864559e-04	-5.283961e-06	-4.247093e-04
## SPAC4G8.11c	6.380784e-04	-6.274873e-04	-4.798136e-04	4.169884e-04
## SPAC4G8.12c	1.760201e-03	-6.457204e-04	-9.758342e-05	1.593015e-04
## SPAC4G8.13c	4.303381e-03	1.081633e-04	3.853463e-03	-1.234652e-03
## SPAC16C9.05	-3.527422e-04	-4.547502e-05	2.325879e-03	-7.545986e-04
## SPAC2G11.02	2.362907e-03	-4.845585e-03	7.701275e-05	-3.807690e-03
## SPAC2G11.03c	2.022056e-03	-3.887347e-04	1.707952e-04	-2.903229e-04
## SPAC2G11.06	-7.347955e-04	-9.637617e-04	-2.654238e-03	-3.476148e-04
## SPNCRNA.688	3.176589e-04	3.436869e-04	-1.114066e-04	3.662240e-04
## SPAC2G11.07c	-2.224892e-02	-9.358621e-03	3.365926e-03	2.627028e-03
## SPAC2G11.09	3.218899e-03	-3.489067e-03	9.432863e-04	-5.513202e-03

## SPAC2G11.12	5.928951e-03	1.958040e-03	-9.249710e-04	-3.474251e-03
## SPNCRNA.691	-2.064388e-04	-3.171992e-05	2.131291e-05	-1.861769e-04
## SPNCRNA.692	2.229144e-05	-1.467185e-04	-6.371959e-05	2.544684e-04
## SPAC521.02	1.590762e-03	-1.893294e-03	-6.482917e-04	-1.284849e-03
## SPAC521.03	7.177488e-03	-2.512423e-02	3.106404e-03	-1.062686e-02
## SPAC521.05	2.504843e-02	3.158887e-02	3.009746e-02	2.271180e-02
## SPAC23G3.01	-1.578118e-05	-1.059102e-02	-1.168595e-02	5.118715e-03
## SPNCRNA.694	3.756569e-05	-7.828589e-05	-2.311248e-04	2.094549e-04
## SPAC23G3.04	3.385587e-04	7.206232e-04	-1.751271e-04	-2.598057e-04
## SPAC23G3.06	-3.213615e-03	-1.400767e-02	1.375708e-02	2.160828e-02
## SPAC23G3.07c	1.672695e-03	-1.048152e-04	2.448048e-04	2.635012e-04
## SPAC23G3.08c	4.583777e-03	-1.532416e-03	1.996323e-03	-2.322174e-03
## SPAC23G3.10c	2.448534e-03	-9.018055e-04	9.453263e-05	-3.605413e-05
## SPAC22H12.01c	-2.890213e-05	-3.361382e-03	-2.975025e-05	1.524048e-03
## SPAC22H12.02	3.013894e-03	-2.944734e-03	4.387303e-04	8.624485e-04
## SPAC22H12.05c	1.783496e-03	8.376005e-05	1.669473e-04	9.641768e-04
## SPAC1687.01	1.360014e-03	-1.856238e-03	8.208905e-04	2.127470e-04
## SPAC1687.04	-4.648573e-04	-9.814442e-04	-5.802881e-04	-9.448884e-04
## SPAC1687.05	3.637695e-03	1.222595e-03	-5.202601e-04	-1.454314e-03
## SPAC1687.06c	1.054701e-02	-5.077610e-03	2.452825e-04	-8.409253e-03
## SPNCRNA.696	-9.065257e-05	-1.668110e-04	8.987860e-05	9.527676e-05
## SPAC1687.11	-2.152170e-03	-2.974135e-04	-4.121502e-03	-3.468189e-03
## SPAC1687.12c	2.086879e-04	6.077117e-04	-2.798355e-03	-1.108597e-03
## SPAC1687.14c	-8.100329e-04	-1.868435e-03	4.686626e-04	4.371617e-04
## SPAC1687.16c	8.780234e-04	-3.317283e-04	-8.572149e-04	-5.202174e-04
## SPNCRNA.160	4.348947e-05	1.897788e-05	-5.853491e-06	-6.130886e-05
## SPATRNAALA.01	3.020974e-04	-8.640801e-04	4.911979e-05	-3.736840e-04
## SPAC1687.17c	1.035140e-03	-7.476749e-04	-4.771670e-04	-8.792574e-04
## SPAC1687.18c	2.340074e-04	1.290384e-03	-3.501389e-03	-6.749092e-04
## SPAC1687.19c	-4.794047e-03	5.311058e-04	-4.214303e-04	6.240293e-03
## SPAC1687.20c	2.212038e-03	6.903286e-04	-2.974106e-04	2.276839e-04
## SPAC222.03c	1.074986e-03	-3.050047e-03	9.125457e-04	-1.473793e-03
## SPAC222.19	-1.425019e-04	3.088807e-04	-2.700950e-04	3.683111e-04
## SPAC222.04c	8.855258e-04	1.437584e-04	-1.712217e-03	-2.837155e-03
## SPAC222.06	-4.470760e-03	1.643301e-03	2.916970e-03	-1.151996e-04
## SPAC222.07c	2.242070e-03	-4.476658e-03	3.670179e-03	-7.659438e-04
## SPAC222.08c	2.554588e-03	-1.494455e-03	-4.346032e-04	-1.704618e-04
## SPSNRNA.02	1.483389e-01	-1.899424e-01	1.456131e-01	-1.055318e-01
## SPAC222.17	3.163259e-04	-2.221218e-05	-6.057717e-04	8.607960e-04
## SPNCRNA.701	2.519300e-04	3.237624e-04	-1.175888e-04	-9.743880e-05
## SPAC222.15	-3.389497e-06	-2.623066e-04	-6.835024e-05	-1.394143e-04
## SPAC222.18	5.562142e-04	7.481152e-04	9.630943e-04	-6.696110e-04
## SPAC222.16c	2.573919e-04	-4.067814e-04	5.702904e-04	-4.090011e-04
## SPAC821.05	3.208821e-03	-1.549080e-02	6.241174e-03	4.708928e-03
## SPNCRNA.702	-2.956924e-04	-2.379108e-04	-1.010663e-04	1.859006e-04
## SPAC821.06	-1.590924e-04	-2.666835e-04	-2.248699e-03	-5.825804e-04
## SPNCRNA.703	1.152898e-04	-3.156338e-04	-7.443970e-04	3.283344e-04
## SPAC821.08c	1.497809e-02	4.687200e-03	1.058235e-02	6.493444e-03
## SPAC821.09	3.951760e-02	2.627223e-02	1.632278e-02	2.291070e-02
## SPAC821.10c	4.321094e-02	-6.763927e-02	4.380168e-02	2.633656e-02
## SPAC821.12	2.146875e-03	-3.403994e-03	-2.783235e-03	-1.270832e-04
## SPNCRNA.220	-4.379410e-05	-4.590263e-05	3.478139e-05	-2.410849e-06
## SPAC139.01c	1.820695e-03	3.070754e-04	-1.089648e-03	3.313841e-03
## SPNCRNA.704	-1.842137e-04	-9.112766e-05	4.339530e-04	3.318281e-04

## SPAC139.02c	-1.664303e-03	-1.108891e-03	3.607709e-03	-5.847404e-03
## SPAC23C4.03	2.065936e-03	6.302140e-04	1.497515e-03	4.268266e-03
## SPAC23C4.05c	1.786654e-03	-1.166355e-03	6.722178e-04	-2.014527e-03
## SPAC23C4.06c	-1.213630e-03	7.690968e-04	-7.382937e-04	-2.552220e-03
## SPAC23C4.09c	-2.779155e-03	1.394716e-03	-2.835872e-03	1.797784e-04
## SPAC23C4.10	2.175647e-03	-9.620454e-04	6.376772e-04	1.607292e-04
## SPAC23C4.11	-4.568244e-04	-1.719202e-03	6.448199e-05	2.098284e-03
## SPAC23C4.13	-1.385516e-03	5.145399e-04	-4.361948e-04	8.912286e-04
## SPAC23C4.14	1.405772e-03	1.823975e-04	5.243561e-04	-8.248476e-04
## SPAC23C4.15	3.335610e-03	8.072743e-04	1.889253e-03	-1.180699e-04
## SPAC23C4.17	-9.824092e-04	-1.346303e-03	1.284889e-03	-7.084856e-04
## SPAC23C4.18c	1.957139e-03	-3.657945e-06	2.030941e-03	-2.206765e-04
## SPAC1A6.01c	-1.524072e-03	-1.085098e-03	-1.562319e-03	5.564145e-04
## SPAC1A6.02	-7.021417e-04	7.279593e-04	-8.880407e-04	-1.518098e-03
## SPAC1A6.03c	1.316992e-02	-7.525217e-03	-6.295265e-03	4.045444e-03
## SPAC1A6.04c	4.053563e-02	-6.840066e-03	5.876858e-03	-3.090341e-02
## SPNCRNA.710	4.446641e-04	2.498184e-05	-1.397800e-04	5.038511e-05
## SPAC1A6.06c	-1.664828e-04	-5.931824e-04	-2.568987e-05	-3.780561e-04
## SPAC1A6.08c	-7.268102e-04	-7.870427e-05	1.135285e-05	7.122122e-05
## SPAC30D11.14c	2.384021e-04	-2.414674e-04	-2.071875e-03	-8.784208e-05
## SPATRNASER.01	3.757433e-03	-1.061621e-03	-2.802341e-03	-8.546573e-04
## SPATRNAMET.01	1.012428e-03	-3.546601e-04	-2.683913e-04	1.229369e-04
## SPNCRNA.711	3.563009e-04	2.440182e-04	-1.701793e-04	-2.407936e-04
## SPAC30D11.07	5.835571e-04	2.847712e-04	-1.145774e-06	-7.506562e-04
## SPAC30D11.06c	1.768607e-03	-1.617998e-03	4.940349e-05	-1.661476e-03
## SPAC30D11.05	1.428869e-03	-4.071361e-04	7.761642e-04	-1.627283e-03
## SPAC30D11.02c	-7.678815e-05	-2.388569e-04	3.162487e-05	-1.276546e-05
## SPAC56F8.02	6.713731e-03	-4.098297e-04	-2.100376e-03	8.065927e-04
## SPAC56F8.04c	-1.352572e-05	-9.749034e-04	-2.429084e-03	1.114691e-03
## SPAC56F8.06c	2.100263e-03	-5.071183e-04	-2.853048e-04	3.752742e-04
## SPAC56F8.09	-2.555412e-03	-2.741649e-03	-4.213422e-04	-1.733746e-04
## SPNCRNA.716	1.428490e-03	-4.331167e-04	-2.016200e-03	2.001317e-04
## SPAC56F8.12	1.504010e-07	-7.017647e-05	-2.293628e-05	5.076816e-05
## SPAC56F8.16	8.823123e-03	1.297296e-04	6.499927e-04	-3.445165e-04
## SPAC22A12.02c	3.730099e-05	1.037089e-04	-1.062355e-04	1.019362e-04
## SPAC22A12.04c	-1.612572e-02	-1.230591e-02	1.483424e-02	5.427225e-03
## SPNCRNA.717	1.650116e-04	-3.239801e-05	-1.172492e-04	-4.351746e-05
## SPAC22A12.07c	5.145717e-03	-1.301437e-02	1.365501e-03	-5.331073e-05
## SPAC22A12.08c	-1.361896e-03	-4.502516e-04	-7.672050e-04	6.529906e-04
## SPAC22A12.10	-5.393169e-03	-8.707376e-04	1.141033e-03	4.705262e-03
## SPAC22A12.09c	1.285418e-03	4.876984e-04	-1.738940e-05	-3.381020e-04
## SPAC22A12.11	1.239684e-03	3.419363e-03	-8.583445e-03	-8.621264e-05
## SPAC22A12.12c	2.044471e-03	5.592416e-04	-1.198968e-03	-1.034598e-03
## SPAC22A12.14c	3.678276e-04	-1.261672e-03	-1.491333e-03	1.909692e-03
## SPNCRNA.719	4.139187e-05	-1.215219e-04	5.027451e-05	4.798226e-05
## SPAC22A12.17c	2.014935e-02	-2.026737e-02	-4.468759e-03	4.676738e-03
## SPNCRNA.168	6.952900e-05	-7.206563e-05	2.807746e-05	-1.428344e-04
## SPNCRNA.720	3.314273e-04	5.778433e-05	1.625309e-04	2.413242e-04
## SPNCRNA.721	9.482839e-04	-7.488611e-04	5.675773e-05	1.030086e-04
## SPAC4C5.02c	-8.889892e-05	-2.490189e-03	-6.605934e-04	-5.243163e-04
## SPAC4C5.03	3.005867e-03	-6.327768e-04	1.485128e-03	2.787784e-04
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	8.599707e-03	9.327409e-03	-2.377465e-02	-9.016290e-03

## SPNCRNA.724	9.367900e-04	5.119123e-04	6.307057e-04	-4.237080e-04
## SPAC10F6.02c	6.639678e-04	-2.538596e-03	1.442469e-04	1.235391e-03
## SPAC10F6.05c	-1.337026e-03	-3.944115e-03	2.138859e-03	-3.199896e-04
## SPNCRNA.725	9.055740e-04	-2.439414e-04	6.133653e-04	1.249204e-04
## SPAC10F6.10	-1.094548e-03	3.351334e-04	5.705779e-04	-2.856126e-04
## SPNCRNA.726	-7.237160e-06	8.721447e-05	7.584013e-05	-2.382942e-04
## SPAC10F6.15	-1.860521e-04	6.200237e-05	-1.202684e-04	1.815060e-04
## SPNCRNA.432	-6.697372e-05	-4.245500e-06	5.273867e-05	-3.509414e-05
## SPAC10F6.17c	-1.237680e-03	1.418875e-03	-7.718818e-04	-1.927672e-04
## SPAC56E4.03	-1.336661e-03	-4.774690e-03	2.793498e-03	-1.518838e-02
## SPAC56E4.07	9.326976e-04	-1.072216e-03	-2.787347e-03	1.352543e-03
## SPNCRNA.730	-2.732923e-04	-2.511107e-04	-3.471183e-05	1.124006e-05
## SPAC1420.02c	-1.172490e-02	3.300930e-04	-4.833485e-03	3.871954e-03
## SPAC1420.03	4.294938e-03	-6.329168e-03	6.390422e-04	-4.882661e-05
## SPAC1420.04c	4.632292e-04	-3.618667e-04	4.164638e-04	-4.432088e-04
## SPNCRNA.731	1.844448e-04	-5.554590e-05	-5.677427e-05	3.573253e-05
## SPAPB17E12.02	-5.859557e-05	-3.093188e-04	1.206237e-04	2.434598e-04
## SPAPB17E12.03	9.268285e-04	-1.116464e-03	-5.086878e-04	-2.799112e-04
## SPAPB17E12.05	-9.231949e-03	4.183899e-03	1.456435e-02	8.638431e-03
## SPAPB17E12.11	-9.136731e-04	-2.097385e-03	1.554294e-03	-3.614305e-05
## SPNCRNA.732	-1.249040e-04	-4.869668e-04	1.748096e-04	-2.818504e-04
## SPNCRNA.733	-1.436334e-04	1.261039e-04	-2.572489e-04	-3.187225e-04
## SPAC1565.03	2.877126e-04	-5.766026e-04	-3.710469e-05	1.426646e-04
## SPAC1565.05	2.676464e-03	-4.402279e-03	3.776881e-03	7.959283e-04
## SPAC1565.06c	1.613113e-03	-2.683953e-03	-3.159238e-04	1.056776e-03
## SPAC1565.07c	2.800934e-03	-1.264385e-03	-2.263574e-03	7.376468e-04
## SPATRNPAPRO.02	3.955329e-02	7.894432e-02	3.658414e-02	-6.988186e-02
## SPSNORNA.53	-2.097694e-02	3.117514e-03	-1.877875e-03	3.419631e-03
## SPAC6F12.06	-9.192175e-06	-6.600545e-03	-1.187360e-03	-1.002193e-04
## SPAC6F12.07	-1.923652e-03	-9.404677e-04	2.372194e-03	-1.516966e-04
## SPAC6F12.08c	2.928366e-03	-5.242565e-04	7.929795e-04	-7.376256e-04
## SPAC6F12.09	5.228332e-03	6.918707e-04	-1.397953e-03	-3.445641e-04
## SPAC6F12.12	3.149891e-03	-9.314818e-04	-6.929291e-04	-3.678837e-04
## SPAC6F12.13c	-4.661408e-03	-5.725596e-03	-2.818889e-03	3.556830e-03
## SPAC6F12.15c	1.430629e-03	1.908639e-03	-3.919881e-04	3.706423e-04
## SPAC19E9.01c	-1.417924e-03	-7.333697e-04	3.900287e-04	7.402954e-04
## SPAC19E9.02	1.532564e-03	2.583738e-03	1.582337e-03	2.368844e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	1.310017e-04	2.907942e-05	-1.606068e-04	1.772061e-04
## SPAC19E9.03	3.513846e-03	8.058225e-04	-2.073160e-03	-4.372436e-03
## SPAC57A10.03	-4.865716e-04	5.949212e-04	-1.236059e-03	1.131524e-03
## SPAC57A10.05c	3.402310e-03	2.389895e-03	4.265205e-04	-1.277452e-03
## SPAC57A10.06	-5.012654e-05	1.270121e-04	-4.046388e-04	1.302069e-04
## SPAC57A10.07	1.772255e-03	-1.246895e-03	-1.221123e-03	-1.013710e-03
## SPAC57A10.08c	1.722152e-04	2.719260e-04	-4.167997e-04	-3.744966e-04
## SPAC57A10.09c	-7.605659e-03	-5.479976e-03	3.044394e-03	7.533409e-05
## SPAC57A10.12c	-9.353680e-03	-1.053861e-02	1.051796e-02	-6.467549e-03
## SPAC20G8.04c	1.796734e-03	2.375042e-03	-5.500980e-03	-1.034072e-02
## SPAC20G8.05c	-2.096497e-03	-6.116943e-04	7.264473e-04	4.236201e-03
## SPAC20G8.06	2.339573e-02	-7.249661e-03	2.399965e-04	-1.546999e-03
## SPAC20G8.08c	3.715023e-03	1.145439e-03	-1.715201e-03	-3.019979e-03
## SPAC20G8.09c	-2.139809e-03	1.424644e-04	3.647433e-03	5.879866e-03
## SPAC20G8.10c	-9.164228e-05	-1.894816e-05	-1.427353e-04	-9.477692e-05
## SPAC3A12.04c	-2.706236e-03	-8.787311e-04	1.321274e-03	5.931039e-04

## SPAC3A12.19	3.111317e-04	9.815398e-04	-2.317201e-04	5.921634e-04
## SPAC3A12.07	2.541934e-03	-2.825693e-03	1.180936e-03	-4.308735e-04
## SPNCRNA.741	-1.579465e-04	-1.780743e-04	-1.506115e-05	-1.117558e-04
## SPAC3A12.11c	2.971587e-03	-7.276792e-05	5.810847e-04	2.184355e-03
## SPAC3A12.14	-6.763429e-03	-1.204586e-02	6.825268e-04	2.124765e-04
## SPAC3A12.15	2.140934e-03	-2.196262e-03	2.518031e-04	1.558829e-03
## SPSNORNA.48	3.770014e-06	7.623501e-06	-1.746214e-05	4.582391e-06
## SPAC3A12.18	-6.287423e-03	-9.270283e-03	-2.128372e-03	-1.214893e-02
## SPAC9.03c	1.807547e-04	-9.075694e-03	-5.136789e-03	-2.736460e-03
## SPAC9.05	1.249926e-03	-5.928240e-04	-4.632883e-04	8.406284e-04
## SPAC9.06c	2.495740e-04	-2.328292e-04	-8.397693e-04	-3.670693e-04
## SPAC9.08c	2.591009e-03	6.244670e-04	2.155778e-03	3.044111e-04
## SPAC9.09	5.837552e-03	1.091826e-02	-3.998730e-04	-2.881905e-02
## SPNCRNA.743	5.763528e-04	-9.224059e-05	7.612939e-04	2.700880e-04
## SPAC9.10	1.368287e-03	-3.753619e-04	1.702796e-04	-1.192669e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	3.579025e-03	-1.306823e-03	-1.251706e-03	2.304939e-04
## SPAC5D6.10c	7.882618e-06	-5.440350e-05	-9.509582e-06	-5.993241e-06
## SPAC5D6.09c	2.173917e-03	6.298976e-04	1.405233e-03	-5.826414e-04
## SPAC5D6.07c	1.029011e-03	-1.163222e-03	3.941915e-04	8.689980e-05
## SPAC5D6.04	3.065184e-03	-2.807145e-03	-2.871744e-05	-1.682619e-04
## SPAC5D6.02c	7.431847e-04	3.196117e-04	-2.982329e-04	-2.912246e-04
## SPAC57A7.10c	1.745450e-03	-2.605429e-03	-4.247214e-03	-1.556103e-03
## SPNCRNA.174	-2.745097e-05	-1.359412e-06	5.870403e-05	2.247424e-05
## SPAC57A7.08	2.734181e-03	-1.748159e-04	1.655715e-04	-7.473067e-04
## SPAC57A7.06	1.565428e-03	1.318126e-03	2.927934e-04	-3.446263e-03
## SPAC57A7.04c	-1.792623e-03	-1.695351e-02	-2.990482e-02	1.749149e-02
## SPAC167.07c	3.443149e-03	-2.216985e-03	1.762160e-03	6.883608e-04
## SPAC167.05	1.951623e-03	-8.641802e-04	-1.414718e-03	2.901274e-04
## SPAC167.04	-3.871747e-05	-2.581573e-03	9.149202e-04	3.400264e-04
## SPAC167.09	1.049082e-04	-8.280126e-05	6.879166e-04	6.750425e-05
## SPAC167.08	2.549381e-05	1.352316e-04	-7.791557e-05	-5.207888e-05
## SPAC1705.03c	4.943990e-02	9.254185e-03	2.039781e-02	1.142760e-03
## SPNCRNA.80	-2.542675e-05	4.343342e-05	-5.658684e-05	4.686471e-05
## SPNCRNA.745	-2.806662e-05	-6.032795e-05	-1.323898e-04	1.133355e-04
## SPNCRNA.81	-1.332598e-07	4.182252e-06	9.716423e-06	-5.321181e-06
## SPAC23H4.17c	-2.117792e-04	1.532347e-04	7.471121e-04	-5.529676e-05
## SPAC23H4.16c	1.051801e-03	-1.235389e-03	-8.326071e-04	1.766089e-04
## SPAC23H4.15	2.557317e-03	-2.875056e-03	-2.317196e-03	-1.593659e-03
## SPAC23H4.21	1.015210e-03	-2.614224e-04	9.350259e-05	-2.595973e-04
## SPAC23H4.13c	1.005787e-03	2.445675e-04	-8.621369e-04	-1.076000e-03
## SPAC23H4.12	-7.332852e-04	4.328803e-04	-5.696300e-04	-1.213542e-03
## SPAC23H4.08	-1.783033e-03	-8.026329e-04	3.658859e-04	-5.527690e-04
## SPAC23H4.07c	2.634818e-03	-1.846844e-03	3.247897e-04	-1.276004e-03
## SPAC23H4.05c	1.458526e-04	2.827676e-04	-8.163464e-05	-3.709877e-05
## SPNCRNA.746	-1.357986e-04	1.002764e-05	-3.261250e-04	5.110606e-05
## SPAC23H4.04	2.928185e-03	6.765292e-04	1.295839e-03	-6.733247e-04
## SPATRNNATHR.01	1.655097e-03	7.942355e-03	1.143019e-02	-1.113975e-02
## SPNCRNA.747	2.466402e-04	-8.929971e-05	1.095071e-04	1.415906e-05
## SPAP27G11.03	8.607617e-04	-1.043675e-04	-1.985724e-03	-5.808551e-05
## SPAP27G11.05c	2.180543e-03	1.038747e-03	9.439044e-04	4.287091e-04
## SPNCRNA.749	4.464369e-04	-6.569854e-05	1.729196e-04	3.820984e-04
## SPAP27G11.09c	1.276807e-04	-3.370157e-04	-2.128213e-03	-2.107022e-03
## SPAP27G11.14c	2.568794e-03	-4.989764e-04	-7.622798e-05	-4.986495e-05

## SPAP27G11.15	3.591756e-04	-7.528595e-04	-7.595115e-04	-1.712484e-04
## SPAC343.01c	1.761371e-03	2.042113e-03	7.928585e-04	-6.287227e-04
## SPAC343.03	2.223676e-04	-6.001059e-04	-1.358712e-04	-3.115538e-04
## SPAC343.04c	2.813753e-03	-2.439435e-03	-1.878865e-03	-1.424537e-03
## SPAC343.05	-7.049320e-04	-1.018275e-03	-6.672199e-04	3.059523e-03
## SPAC343.08c	4.636664e-03	-1.520333e-03	-1.459407e-03	-2.927926e-03
## SPAC343.07	1.131813e-06	-1.208976e-04	-2.653406e-04	-1.297083e-04
## SPNCRNA.752	-2.048133e-04	3.374302e-04	-6.501619e-04	-1.548313e-04
## SPAC343.10	-2.258132e-03	-1.371411e-03	-2.164853e-03	1.456511e-03
## SPAC343.11c	4.913681e-03	2.800501e-03	-1.247513e-03	-1.644364e-03
## SPAC343.20	-5.460237e-03	4.213455e-03	-1.924093e-03	1.647151e-03
## SPAC343.17c	1.433501e-03	3.985513e-05	-5.189235e-04	-1.128614e-04
## SPAC343.15	1.212786e-03	-1.037698e-04	-1.293964e-03	-1.307386e-03
## SPNCRNA.754	2.260305e-06	1.863471e-07	1.045773e-06	-7.020376e-06
## SPAC824.04	1.228572e-03	-1.769931e-03	5.218744e-04	-1.041292e-04
## SPAC824.05	2.481403e-03	-9.050879e-04	-1.716854e-03	-1.082087e-03
## SPAC824.07	-8.373027e-04	-2.774980e-04	-3.694524e-04	3.262772e-03
## SPAC824.08	2.414038e-03	3.026104e-04	-8.693661e-04	2.421319e-03
## SPATRNLALYS.01	4.942223e-03	-2.028544e-03	-2.711680e-03	5.091738e-03
## SPAC664.03	1.580820e-03	-1.241399e-03	-1.378656e-03	-1.458551e-04
## SPAC664.04c	5.115703e-03	1.663397e-03	-6.711482e-03	1.058783e-03
## SPAC664.07c	8.170398e-04	-1.110044e-04	5.356570e-05	-5.502443e-04
## SPAC664.08c	-5.076019e-03	-2.269174e-03	1.549697e-03	-1.958138e-03
## SPAC664.09	2.146873e-03	-1.455810e-03	-1.230116e-03	-3.439967e-03
## SPAC664.10	3.721675e-03	6.947512e-04	6.214118e-04	3.954167e-04
## SPAC664.11	-3.496714e-02	4.826092e-02	-5.105382e-02	-2.931106e-02
## SPAC664.12c	1.088161e-03	3.796316e-04	-5.831558e-04	7.764419e-04
## SPAC664.14	3.152890e-03	-1.208296e-03	6.208675e-03	-4.169931e-03
## SPNCRNA.758	-5.129427e-05	1.148820e-05	2.528585e-05	-5.363594e-06
## SPACUNK12.02c	4.287217e-04	7.519793e-04	-6.310385e-04	8.202331e-04
## SPAC105.01c	2.526129e-03	9.513860e-05	-7.566527e-04	-1.387554e-03
## SPAC17A5.18c	-2.727713e-04	-7.466085e-04	-1.414775e-04	-8.773954e-06
## SPAC17A5.02c	-1.041255e-03	-5.587067e-04	-5.548077e-04	9.060892e-04
## SPAC17A5.03	1.291866e-02	-5.904502e-03	1.137058e-02	1.367228e-03
## SPAC17A5.04c	8.742702e-04	1.092309e-03	3.929168e-04	-9.103549e-04
## SPAC17A5.19	8.646413e-04	2.875437e-04	2.701438e-04	-8.095963e-05
## SPAC17A5.06	2.393225e-03	3.086641e-04	-1.512671e-03	1.150371e-03
## SPAC17A5.08	1.533723e-04	-1.925517e-03	-3.782639e-03	9.372755e-04
## SPAC17A5.10	-1.078280e-04	-1.071325e-04	2.947901e-06	1.811509e-04
## SPAC17A5.11	6.712398e-04	-2.411458e-04	2.419413e-04	6.044385e-05
## SPAC17A5.12	3.719463e-03	9.572567e-04	-1.592513e-03	-1.396309e-03
## SPAC17A5.14	-5.751926e-03	-7.945920e-03	1.161115e-04	-1.244682e-03
## SPAC17A5.16	3.104929e-03	-2.340756e-03	-9.473518e-04	-3.555646e-03
## SPAC1610.01	-5.604686e-04	-1.402499e-03	2.541288e-04	-9.590569e-04
## SPAC1610.02c	1.098223e-03	-1.433504e-03	-9.058629e-04	1.437700e-03
## SPAC1610.03c	2.620563e-04	-1.532055e-04	-1.093333e-04	-3.550555e-05
## SPAC1610.04	1.374535e-03	-1.018399e-03	1.156147e-03	-1.070561e-03
## SPAC1002.02	1.064078e-04	-2.484977e-04	-5.999528e-04	3.149999e-04
## SPAC1002.03c	2.265889e-03	-1.112059e-03	6.280909e-03	1.126128e-03
## SPAC1002.04c	2.074263e-04	1.148258e-04	1.722753e-03	-1.453569e-04
## SPAC1002.05c	2.602763e-03	1.179016e-04	5.667244e-05	1.277333e-03
## SPAC1002.09c	-2.116704e-02	3.686363e-04	-1.219511e-02	-2.347866e-02
## SPAC1002.12c	-1.879894e-03	-7.521119e-04	-1.384307e-05	2.122080e-04
## SPAC1002.20	-8.463000e-04	-2.507608e-04	-2.501345e-05	2.171284e-04

## SPAC1002.19	1.487647e-02	-2.677503e-02	-6.292724e-03	-1.926402e-02
## SPAC1399.04c	2.939625e-03	3.110815e-04	7.991126e-04	-2.490031e-03
## SPAC1399.03	4.569099e-03	-2.232416e-04	4.405436e-03	-3.963139e-04
## SPAC1399.01c	1.402853e-03	2.566700e-04	8.398845e-05	-1.494097e-03
## SPAP11E10.02c	7.621669e-04	1.673804e-04	-3.057116e-04	-2.308711e-04
## SPAPB1A10.02	1.372193e-03	-2.595009e-04	8.846299e-04	4.936780e-04
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	4.076274e-03	-2.890945e-03	-2.286206e-03	1.140699e-03
## SPAPB1A10.07c	3.578060e-03	-1.962259e-03	1.727040e-03	-1.053115e-03
## SPNCRNA.767	4.794822e-04	5.018025e-04	4.967103e-04	-2.193927e-04
## SPNCRNA.768	-4.315715e-04	-1.340438e-04	2.176124e-04	5.868249e-04
## SPAPB1A10.08	3.288660e-04	4.548100e-04	7.079990e-04	-4.898372e-04
## SPAPB1A10.10c	1.024236e-03	-1.611243e-03	1.084657e-03	-2.282381e-04
## SPAPB1A10.11c	5.843476e-04	-1.034062e-03	-1.498803e-04	4.475322e-04
## SPAPB1A10.12c	1.308599e-03	1.803488e-04	-6.669849e-04	-2.984371e-03
## SPNCRNA.769	1.906320e-05	-3.093883e-04	-8.247181e-04	4.433209e-04
## SPNCRNA.770	-8.960925e-06	8.206064e-05	-9.890578e-05	-2.477071e-04
## SPAC140.02	-4.153524e-02	1.059428e-02	5.214625e-02	2.464065e-02
## SPNCRNA.771	-8.690362e-05	-7.390143e-04	1.556284e-04	4.988916e-04
## SPAC140.04	-2.068814e-04	-2.271758e-04	4.187518e-04	-2.654481e-04
## SPAC110.02	2.026135e-03	-1.369552e-03	1.429312e-03	9.100205e-04
## SPNCRNA.773	-1.415450e-04	1.407866e-04	1.838075e-04	9.964590e-05
## SPAC110.04c	4.122778e-04	-1.311249e-02	-1.487474e-02	-1.998419e-03
## SPAP14E8.02	3.673500e-03	1.003518e-02	1.002452e-03	4.337232e-03
## SPAP14E8.03	-4.053355e-04	-7.921904e-04	9.562156e-05	-1.211754e-03
## SPAP14E8.04	4.808213e-04	1.711753e-04	-3.946027e-04	-6.106379e-04
## SPAP14E8.05c	2.895820e-03	-5.818121e-03	-5.914318e-04	3.952267e-04
## SPAC3H1.03	1.404730e-03	-1.701806e-04	-3.961506e-04	-5.640394e-04
## SPNCRNA.775	1.509776e-04	5.700473e-05	-7.337921e-05	-2.530481e-04
## SPAC3H1.08c	9.913798e-04	-1.667583e-03	5.735277e-04	2.548664e-04
## SPNCRNA.776	1.704090e-04	7.436646e-05	-1.400675e-05	-6.181130e-04
## SPAC3H1.10	1.434726e-03	-2.347303e-04	-2.958669e-03	-2.449398e-03
## SPNCRNA.778	-6.667421e-05	-2.878287e-04	4.134418e-05	-6.432044e-05
## SPNCRNA.779	1.325762e-04	4.475419e-04	1.012677e-04	-8.783289e-05
## SPNCRNA.780	-1.022268e-04	-3.448961e-04	1.725948e-04	7.166413e-05
## SPNCRNA.782	3.078984e-04	3.709724e-04	-3.071620e-04	-4.406043e-04
## SPAC3H1.11	1.551052e-02	1.025335e-02	-2.016170e-04	-4.292928e-03
## SPAC3H1.14	9.620304e-04	-5.323687e-04	-5.642377e-05	1.529792e-04
## SPAC9G1.05	-5.643051e-03	-7.966898e-03	-1.321537e-03	5.545676e-03
## SPAC9G1.06c	3.078053e-03	-9.722959e-05	-2.838160e-03	-1.323497e-03
## SPAC9G1.07	1.026050e-03	-3.273713e-04	-3.817387e-04	-2.528450e-04
## SPAC9G1.11c	2.150872e-03	1.963551e-03	8.844130e-04	-1.836705e-03
## SPAC9G1.12	2.687510e-03	-2.009336e-03	-1.292890e-04	-1.245577e-03
## SPAC767.01c	-5.892110e-04	-1.490520e-02	-3.896213e-03	1.126116e-03
## SPNCRNA.786	-2.144449e-04	3.649986e-05	7.684329e-05	7.556645e-05
## SPAC17H9.01	3.298704e-03	2.808899e-04	-4.225821e-04	-5.288267e-04
## SPAC17H9.05	-4.213313e-03	-4.734807e-03	-1.647197e-03	-3.713180e-03
## SPAC17H9.06c	1.316060e-03	4.996037e-04	1.241428e-03	5.833138e-04
## SPAC17H9.07	3.402723e-04	-2.138260e-03	-1.583922e-03	6.478668e-04
## SPAC17H9.08	6.935783e-04	1.016800e-03	-5.271740e-04	-1.139741e-03
## SPAC17H9.11	-1.567737e-03	-2.252358e-03	1.676750e-03	-3.695657e-04
## SPNCRNA.788	9.001383e-05	-1.364402e-04	1.657391e-05	1.698347e-04
## SPAC17H9.18c	-3.192127e-05	-7.960299e-05	2.086375e-05	-7.359844e-06
## SPAC17H9.19c	-9.013214e-05	-2.495256e-05	-5.172060e-04	-3.188913e-05

## SPAC607.02c	1.706543e-03	1.061517e-04	3.755658e-04	9.887618e-04
## SPNCRNA.789	-3.816756e-04	8.147502e-05	5.040776e-04	6.100765e-05
## SPAC607.07c	2.524964e-03	-1.515427e-03	1.860626e-03	1.740306e-03
## SPAC607.08c	1.857297e-03	9.334877e-04	1.951766e-03	8.012998e-05
## SPNCRNA.186	6.118036e-05	-3.558425e-05	1.962476e-05	-1.334220e-04
## SPAC607.10	4.582309e-04	3.807080e-04	-1.181426e-03	-7.286388e-04
## SPNCRNA.790	-2.146058e-05	6.477811e-05	4.600010e-05	2.850037e-05
## SPAC3C7.01c	9.699599e-04	-3.164304e-03	-1.316174e-03	-1.189911e-03
## SPAC3C7.03c	2.322836e-03	-5.261187e-04	-5.658582e-04	-1.119819e-03
## SPAC3C7.04	6.091549e-03	-1.257222e-03	2.687850e-03	-1.741650e-03
## SPAC3C7.05c	9.510045e-03	-9.147220e-03	1.248456e-03	1.704518e-03
## SPAC3C7.06c	2.141178e-03	9.465345e-04	-4.412514e-04	4.993721e-04
## SPAC3C7.07c	2.943961e-03	-4.951198e-04	-9.317831e-04	-1.277090e-03
## SPAC3C7.10	1.322622e-03	-1.225555e-03	6.676359e-04	2.422699e-03
## SPAC3C7.11c	-1.421756e-02	-2.457536e-03	-1.652683e-02	-2.579405e-02
## SPAC3C7.12	4.382647e-03	2.512868e-04	3.180905e-03	-2.203152e-03
## SPAC3C7.13c	-1.748680e-03	6.180240e-04	-1.721230e-03	1.648482e-03
## SPNCRNA.792	-1.141758e-04	-3.122395e-04	6.600887e-06	4.666785e-04
## SPAC3C7.14c	1.358252e-02	-7.843814e-03	3.490492e-02	-3.285394e-02
## SPAC25A8.01c	5.343494e-03	-5.311369e-03	3.318138e-03	-1.132167e-03
## SPAC631.01c	1.785227e-03	4.474899e-04	-1.800276e-03	-1.028934e-03
## SPAC20H4.01	1.559292e-03	-1.704721e-03	-4.052943e-04	-2.302665e-03
## SPNCRNA.795	1.979661e-04	-1.009990e-05	6.961748e-04	1.995484e-04
## SPAC20H4.05c	4.711984e-04	5.307371e-04	-1.496993e-03	-4.560905e-06
## SPAC20H4.06c	-3.445692e-05	5.912333e-04	4.999561e-04	9.638417e-04
## SPAC20H4.07	5.098572e-05	1.887961e-04	-1.164817e-04	-5.400799e-04
## SPNCRNA.796	-1.404041e-04	4.333537e-05	-2.845596e-04	2.208169e-05
## SPAC20H4.11c	2.882422e-05	-6.395190e-04	5.048893e-05	-4.246611e-04
## SPAC23C11.02c	-5.852590e-03	6.035179e-03	-2.001656e-02	-2.108789e-02
## SPAC23C11.06c	1.186437e-03	5.218482e-03	-3.396299e-03	3.193662e-03
## SPNCRNA.798	1.140490e-03	-3.358483e-04	1.543264e-04	8.205669e-05
## SPAC23C11.07	1.500568e-04	2.239369e-05	1.060533e-04	-1.324724e-04
## SPAC23C11.12	7.098832e-04	3.376108e-04	-7.141256e-04	1.897989e-05
## SPAC23C11.13c	1.399650e-03	-2.332556e-03	1.386019e-03	1.794642e-03
## SPNCRNA.187	-3.401523e-05	-1.128190e-04	-8.869353e-06	-4.032201e-05
## SPAC23C11.16	1.479033e-03	-1.920779e-03	-1.119981e-04	-2.253485e-03
## SPAC13F5.03c	1.148503e-03	1.256831e-05	2.059855e-04	2.531649e-04
## SPAC13F5.04c	2.490071e-04	6.270723e-04	2.245718e-04	7.243120e-04
## SPAC13F5.05	1.986066e-03	-1.583399e-04	2.223566e-04	-1.609425e-03
## SPAC1783.01	-8.643366e-04	-1.901399e-03	2.607616e-03	-1.103755e-03
## SPAC1783.03	-7.449171e-05	-7.309209e-04	-5.191995e-04	9.364617e-05
## SPAC1783.05	3.553634e-03	-5.859351e-04	-1.370493e-03	-1.993102e-03
## SPAC18G6.03	1.542072e-03	-3.272403e-03	2.893420e-03	4.810834e-03
## SPNCRNA.805	-6.681219e-06	7.067358e-06	-3.214288e-05	-1.039432e-05
## SPNCRNA.188	-6.801213e-05	1.278088e-04	6.261630e-05	3.380466e-06
## SPAC18G6.15	-2.195181e-04	-5.365886e-04	2.652090e-03	-1.942721e-04
## SPAC13D6.01	-5.229209e-04	-3.210103e-04	1.362776e-03	-1.243011e-04
## SPNCRNA.807	-2.141663e-03	-1.302830e-03	-5.936969e-05	1.112895e-03
## SPAC13D6.03c	-3.199619e-04	3.601827e-04	-1.720155e-03	-2.409333e-03
## SPAC4G9.04c	1.855697e-03	-8.404132e-04	-5.962893e-04	-1.882350e-03
## SPAC4G9.03	-1.607706e-02	-7.657644e-03	-4.962746e-03	4.355080e-03
## SPAC4G9.05	2.896507e-04	-1.404447e-04	1.937462e-04	-3.704806e-04
## SPAC4G9.06c	1.519092e-03	-1.735472e-03	-6.889095e-04	-7.893417e-04
## SPNCRNA.808	-2.910655e-05	-3.768754e-04	-1.621089e-04	6.863198e-05

## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	-9.123032e-03	-3.969763e-03	-7.927091e-04	-6.954409e-03
## SPAC4G9.10	-4.453410e-03	7.906081e-04	1.249233e-03	-4.852288e-03
## SPAC4G9.11c	-4.031065e-04	-8.505776e-04	-7.584002e-04	1.845183e-03
## SPAC4G9.12	-2.614404e-03	-5.984915e-03	3.442433e-04	-1.574565e-03
## SPAC4G9.14	1.367127e-03	-3.320695e-04	9.239721e-04	1.077023e-03
## SPAC4G9.15	-6.236391e-03	-2.008539e-03	-4.675180e-03	5.210267e-03
## SPNCRNA.809	1.521654e-04	1.339400e-04	-4.184279e-05	-3.816905e-04
## SPAC4G9.19	3.191577e-04	3.247469e-05	-3.314347e-04	2.497371e-04
## SPAC4G9.20c	1.787744e-03	1.451796e-04	5.053155e-05	-1.116017e-03
## SPNCRNA.810	-4.305509e-04	-3.029465e-04	5.028461e-04	4.550434e-04
## SPAC13G7.01c	-3.516713e-04	-3.956731e-04	-3.425168e-03	2.902990e-03
## SPAC13G7.02c	-9.579670e-03	-3.776604e-02	3.153431e-02	-3.768772e-03
## SPAC13G7.03	7.417373e-04	-4.782085e-05	5.432682e-04	4.818079e-04
## SPAC13G7.04c	3.093500e-03	-1.122981e-03	-1.365066e-03	-1.176310e-03
## SPAC13G7.05	2.059712e-03	-1.015739e-05	-2.011696e-04	8.490180e-04
## SPAC13G7.06	1.081739e-03	-4.326178e-03	-1.441151e-03	-7.004978e-04
## SPAC13G7.10	1.180145e-03	-1.316171e-03	-1.324937e-04	7.871147e-04
## SPAC13G7.12c	2.215473e-03	-3.687432e-04	-1.692271e-03	-1.537262e-03
## SPAC13G7.13c	2.031313e-03	-7.529249e-04	2.621320e-04	-5.624804e-04
## SPNCRNA.812	-2.707978e-04	-7.604829e-04	4.754341e-04	-1.094061e-03
## SPNCRNA.813	9.663644e-05	-4.150999e-04	-1.731101e-04	7.128318e-04
## SPAC6C3.03c	-8.065031e-05	-5.558954e-05	-3.513187e-05	-2.429873e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-6.156323e-05	-4.786473e-05	-1.276564e-04	2.178836e-04
## SPNCRNA.815	-5.210993e-05	2.391964e-04	-6.984082e-04	-4.699444e-04
## SPAC6C3.08	1.251594e-03	-1.258687e-03	-1.306815e-03	9.151455e-04
## SPAC6C3.09	4.063734e-04	-2.169987e-03	6.750112e-04	2.128819e-04
## SPNCRNA.816	-3.367317e-04	-2.003413e-04	-2.469324e-05	2.594132e-05
## SPAC17G8.03c	6.649295e-04	-1.443443e-03	-2.828564e-04	-1.262231e-03
## SPAC17G8.15	3.248280e-04	-6.994828e-05	6.753104e-04	2.194109e-04
## SPAC17G8.04c	1.297253e-04	-2.206278e-03	3.113292e-04	-1.847278e-03
## SPAC17G8.06c	-2.103514e-02	2.070713e-02	-1.686743e-02	-8.920544e-03
## SPAC17G8.08c	3.962771e-04	-7.990741e-03	3.517205e-03	-2.211927e-03
## SPAC17G8.11c	4.364129e-03	-7.809711e-04	4.468508e-04	-1.345656e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	2.609174e-03	1.121590e-03	-1.362994e-03	-1.515184e-03
## SPAC17G8.14c	-1.457276e-03	-1.518922e-03	-3.246617e-03	-7.932074e-04
## SPNCRNA.818	3.943928e-06	-2.094745e-05	1.002106e-05	-8.503237e-06
## SPAC22H10.02	7.868394e-04	-7.925981e-04	-4.599808e-04	-7.386768e-04
## SPNCRNA.820	-6.528337e-05	4.754245e-05	1.641304e-04	6.048594e-05
## SPAC22H10.04	8.686232e-05	7.964543e-04	1.751902e-03	1.268366e-03
## SPAC22H10.05c	-3.962781e-03	-7.844776e-04	-6.640395e-04	-2.779988e-03
## SPAC22H10.06c	-4.821127e-05	-2.456092e-05	1.462605e-05	7.010813e-05
## SPAC22H10.07	2.490707e-03	-2.505297e-04	-1.222171e-04	-9.372977e-04
## SPAC22H10.08	3.812608e-04	2.311060e-03	1.212954e-03	3.960244e-05
## SPAC22H10.11c	2.473819e-05	-3.794879e-03	-4.446375e-03	5.845512e-04
## SPAC22H10.12c	-2.075295e-03	-8.518955e-03	-4.317124e-03	7.049191e-03
## SPAC15F9.01c	1.039084e-06	9.189015e-05	-1.914294e-04	2.553796e-05
## SPNCRNA.822	-6.190715e-05	4.788960e-06	4.539060e-05	-2.211085e-05
## SPNCRNA.193	-1.176687e-05	4.850535e-05	4.385351e-05	-3.653721e-05

## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	3.996738e-03	1.411831e-03	1.884501e-03	1.401328e-03
## SPAC6B12.04c	-2.930264e-05	-2.563062e-04	-1.400830e-03	-2.075462e-04
## SPNCRNA.824	-1.098990e-05	-2.598049e-04	1.068237e-04	2.628872e-04
## SPAC6B12.05c	1.814306e-03	-1.492060e-03	-2.621491e-03	-2.652010e-03
## SPAC6B12.06c	8.569292e-04	-4.708811e-04	2.607129e-04	2.113535e-04
## SPNCRNA.194	6.265428e-05	-6.711427e-05	-3.942882e-05	1.177389e-05
## SPNCRNA.825	8.996705e-05	-4.061410e-04	-2.290153e-04	1.681268e-04
## SPAC6B12.19	-4.869421e-04	-5.112818e-04	-5.460799e-04	1.427397e-04
## SPAC6B12.09	-1.427983e-04	-1.548732e-03	8.707434e-04	-3.526806e-04
## SPAC6B12.10c	1.735750e-04	7.717137e-04	-8.551504e-04	-8.062568e-04
## SPAC6B12.11	1.269771e-03	-5.365116e-04	-2.376695e-04	-6.142680e-04
## SPNCRNA.43	8.077571e-06	-5.384890e-06	1.968781e-05	3.438330e-05
## SPATRNATHR.02	1.279050e-03	-3.552030e-03	-1.266417e-03	1.927239e-03
## SPAC6B12.12	-9.635740e-03	-7.233001e-03	-9.709108e-03	5.319641e-03
## SPAC6B12.14c	-9.546019e-04	7.559664e-04	1.594102e-03	5.842457e-04
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	-9.903943e-06	5.421113e-05	-2.498328e-05	-1.744072e-05
## SPAC6B12.16	-1.813709e-04	-2.299375e-05	-2.063512e-04	1.871973e-05
## SPNCRNA.827	-3.914727e-04	-2.955361e-04	-2.107988e-04	1.337226e-04
## SPAC32A11.04c	-4.813825e-03	-1.809824e-03	-6.290761e-03	1.381568e-02
## SPAC32A11.01	5.870641e-04	-1.617508e-03	1.108096e-03	1.326023e-04
## SPAC32A11.03c	7.749338e-03	-1.250399e-03	3.052773e-03	-2.013114e-03
## SPAC19A8.15	-2.768490e-02	1.650702e-03	-9.698391e-03	-1.289258e-02
## SPAC19A8.14	5.003711e-04	7.252042e-04	-2.653796e-03	-7.033419e-05
## SPAC19A8.16	6.133879e-03	-2.659587e-03	3.203099e-04	4.565305e-03
## SPAC19A8.06	-8.586961e-04	-3.083145e-03	-1.147619e-03	-1.707967e-03
## SPAC23H3.02c	1.425460e-03	7.159761e-06	1.244777e-03	-4.625771e-04
## SPAC23H3.03c	-1.506234e-03	2.498060e-04	-1.206635e-03	-2.040549e-03
## SPNCRNA.558	-1.119695e-05	-3.564037e-06	-1.201400e-05	-3.189624e-05
## SPNCRNA.830	8.670394e-05	4.039499e-04	2.913023e-04	2.861171e-04
## SPAC23H3.07c	8.421280e-04	-9.773942e-04	-7.007960e-04	3.147928e-03
## SPAC23H3.09c	-2.184689e-02	-9.239278e-03	1.136789e-02	-1.661553e-02
## SPATRNACYS.02	1.009799e-03	-5.055389e-03	-5.182615e-04	-1.782299e-03
## SPAC23H3.10	4.643761e-03	-2.450871e-03	2.400770e-03	-1.380003e-03
## SPAC23H3.11c	1.356675e-03	1.183256e-03	-4.800629e-04	-1.037912e-03
## SPAC23H3.12c	7.297601e-04	-1.359321e-04	-2.314916e-04	-6.630510e-04
## SPAC23H3.14	1.050753e-03	2.623274e-03	7.714925e-04	-4.664571e-04
## SPNCRNA.832	-3.367015e-04	4.810833e-04	-2.006837e-04	3.147571e-04
## SPAC25H1.02	3.752567e-05	1.995371e-03	-1.109948e-04	6.102845e-04
## SPAC25H1.03	-1.679824e-04	-1.787099e-04	-9.617756e-04	5.472794e-04
## SPAC25H1.10c	2.717855e-04	-2.278498e-03	-5.949980e-04	2.850980e-03
## SPAC25H1.09	-3.488070e-04	6.340378e-04	5.811231e-04	4.501004e-04
## SPAC4A8.02c	-8.410935e-04	-3.040808e-04	2.422724e-03	-1.307791e-06
## SPAC4A8.03c	2.218907e-03	1.222359e-03	5.789929e-05	-5.376478e-05
## SPNCRNA.834	-3.152128e-04	-2.938349e-04	-1.079209e-04	-2.108353e-04
## SPNCRNA.835	2.251382e-06	-4.500119e-07	-1.441302e-05	-9.050584e-06
## SPAC4A8.06c	1.016964e-02	1.062185e-04	5.522513e-03	2.741007e-03
## SPAC4A8.09c	8.993702e-04	3.912761e-04	-8.540301e-04	-2.996044e-03
## SPAC4A8.11c	-4.538607e-02	2.714879e-02	-6.515126e-02	1.914361e-02
## SPAC4A8.13c	2.249392e-03	-1.164431e-02	6.922465e-04	7.015712e-03
## SPAC4A8.15c	-2.733002e-03	-1.300481e-03	-5.688774e-03	-2.688864e-03
## SPAC4A8.16c	-6.049871e-02	-1.470915e-02	1.496852e-02	2.215267e-03
## SPNCRNA.840	-1.424724e-03	-4.847894e-04	-1.012671e-04	6.060053e-06

## SPAC823.02	9.829103e-04	-2.903391e-03	1.590112e-03	1.464376e-03
## SPAC823.04	-1.940184e-03	-1.964432e-03	-5.915112e-04	-1.145679e-03
## SPAC823.05c	5.249052e-03	-7.972239e-04	5.172371e-03	-2.754546e-03
## SPAC823.06	-2.163873e-04	-9.267878e-05	2.412619e-04	-4.462250e-04
## SPAC823.08c	6.431904e-04	-1.893649e-03	-1.430543e-03	-2.537000e-03
## SPAC823.09c	-6.482191e-04	1.198643e-03	-5.089529e-04	1.985243e-04
## SPAC823.10c	4.083900e-04	-1.121796e-03	4.257106e-04	1.595631e-03
## SPAC823.15	-2.622957e-04	-5.235850e-04	-1.042457e-03	-7.433807e-04
## SPAC7D4.13c	3.160798e-03	-1.894273e-04	6.585149e-04	-1.111621e-03
## SPAC7D4.12c	3.257108e-04	-1.027509e-03	-8.580301e-04	-1.307897e-04
## SPAC7D4.10	2.191964e-03	1.286927e-03	-8.856692e-04	-6.610375e-04
## SPNCRNA.842	-1.302077e-04	-9.187498e-06	-4.617232e-05	2.473551e-05
## SPAC7D4.15c	6.823139e-04	-1.435493e-04	8.384519e-04	-4.151330e-04
## SPAC7D4.07c	-1.028611e-02	-2.848014e-02	3.321432e-03	3.668361e-03
## SPSNORNA.12	-4.952234e-02	-8.707932e-03	-1.024556e-02	4.997577e-02
## SPAC7D4.05	-8.606287e-05	-1.549437e-03	-8.570873e-04	-2.094982e-04
## SPAC7D4.02c	2.137782e-03	-8.127335e-04	4.371695e-04	2.369708e-04
## SPAC4F8.13c	1.199553e-02	1.101550e-03	2.683924e-03	-1.243089e-03
## SPAC4F8.11	5.561211e-03	-1.633212e-04	-1.966895e-03	2.055835e-03
## SPAC4F8.08	-1.999609e-04	-1.720912e-04	-1.302452e-04	7.948219e-05
## SPNCRNA.201	-4.587407e-05	-1.349839e-05	-1.099553e-04	-5.802319e-05
## SPAC4F8.06	-3.423983e-04	8.373689e-04	5.325716e-04	4.127203e-04
## SPAC4F8.05c	-3.414310e-04	-1.716986e-04	1.144619e-03	1.631719e-04
## SPAC4F8.04	1.416412e-03	-4.252309e-04	3.823856e-04	-7.847079e-04
## SPAC644.06c	1.410089e-03	-5.961824e-04	3.061178e-03	-3.816677e-04
## SPNCRNA.844	-5.695186e-04	4.373966e-04	4.160995e-04	8.830390e-04
## SPATRNLALYS.04	3.439825e-04	-1.336067e-03	8.415528e-04	-2.345000e-04
## SPAC644.07	8.676822e-04	-6.851127e-04	8.797632e-05	-4.199290e-04
## SPAC644.09	1.147776e-03	-1.292682e-03	1.102553e-03	-1.379329e-03
## SPAC644.10	8.569479e-04	-8.261391e-05	-4.346840e-04	-1.161409e-03
## SPAC644.12	2.605870e-03	2.418668e-03	-7.787664e-04	-2.202121e-03
## SPAC644.13c	1.935468e-03	-2.465031e-03	3.633753e-04	-2.592224e-03
## SPAC644.17c	-1.309186e-04	-1.571620e-04	-2.650864e-03	-2.014143e-03
## SPNCRNA.198	3.546038e-05	1.086389e-05	3.919031e-05	-2.843303e-05
## SPAC644.18c	2.097345e-04	-1.841721e-03	-1.753518e-03	-2.458425e-03
## SPAPB2B4.01c	5.727687e-04	6.742483e-04	-1.044584e-03	-5.484062e-04
## SPSNORNA.54	-1.564243e-02	2.496023e-03	-7.350340e-03	8.918052e-03
## SPNCRNA.846	-3.601948e-04	-4.497325e-04	3.830590e-04	-1.391720e-04
## SPAPB2B4.05	-1.242126e-03	-4.426431e-03	-8.366802e-04	-8.331583e-04
## SPAPB2B4.06	4.272259e-04	-4.960643e-04	-4.336159e-05	6.413344e-04
## SPAPB2B4.07	2.769598e-03	-1.112488e-03	6.215358e-04	-5.223389e-04
## SPAC6F6.01	4.855874e-03	-2.806382e-03	3.366733e-04	3.024954e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	7.542399e-05	-9.154740e-05	8.253174e-05	2.365057e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-6.538374e-05	-5.298010e-06	-9.404195e-05	1.099665e-04
## SPAC6F6.05	-2.971687e-04	-4.277377e-03	2.471836e-03	3.473005e-04
## SPAC6F6.06c	7.696553e-03	-7.804478e-04	6.305923e-03	2.793207e-03
## SPAC6F6.07c	-1.836794e-02	-2.653782e-02	1.791121e-02	-9.706177e-03
## SPAC6F6.12	2.468898e-03	-4.060827e-03	1.167185e-03	-3.498644e-04
## SPNCRNA.850	-3.153279e-04	-2.892668e-04	-8.297331e-06	1.435152e-05
## SPNCRNA.851	1.269531e-04	-2.579348e-04	-3.042018e-04	1.117679e-04
## SPAC6F6.19	6.879183e-04	4.495846e-05	4.789212e-04	-3.366397e-04
## SPAC6F6.15	-1.241835e-03	-2.481479e-03	-2.021612e-03	-3.830662e-04

## SPAC6F6.16c	7.929861e-04	5.362334e-04	1.361050e-03	6.399225e-05
## SPAC1805.01c	1.796638e-03	-1.301932e-03	2.501434e-03	5.056184e-04
## SPAC1805.02c	-4.279865e-03	-1.233706e-04	1.626205e-03	1.692514e-03
## SPAC1805.06c	-2.408436e-03	-2.690077e-03	4.788548e-04	3.006342e-03
## SPNCRNA.853	-1.448982e-05	-4.615184e-04	-1.247075e-04	2.567140e-04
## SPAC1805.07c	-2.373649e-04	4.035060e-04	-6.560508e-04	-4.873397e-04
## SPNCRNA.854	6.672049e-04	-4.446575e-04	5.803054e-04	7.076712e-04
## SPAC1805.08	-1.320196e-03	-2.175677e-04	-1.256858e-03	-6.477900e-06
## SPAC1805.18	-8.234354e-05	-7.381461e-04	5.188110e-04	1.271759e-04
## SPAC1805.09c	-1.072072e-03	5.658044e-05	-1.154282e-04	-1.748242e-04
## SPAC1805.10	2.153157e-03	-8.273892e-04	-1.173650e-03	-7.914238e-04
## SPAC1805.12c	-2.022548e-02	-1.240878e-02	5.107173e-03	1.562169e-02
## SPAC1805.13	-1.911404e-02	3.681175e-03	2.448829e-02	1.149790e-02
## SPATRNALEU.02	-6.985972e-03	-2.339891e-03	-1.693367e-03	-9.607613e-03
## SPAC1B2.02c	3.324766e-04	-1.892119e-04	1.893892e-04	2.683863e-03
## SPAC1B2.03c	2.008859e-02	-1.569860e-02	3.835296e-02	3.447989e-03
## SPAC1B2.04	-4.946379e-03	-5.360644e-03	1.033022e-03	2.899846e-03
## SPAC1B2.05	1.354731e-03	-1.058464e-03	1.180735e-04	-7.267153e-07
## SPAC3F10.03	-4.921636e-04	3.736069e-03	-1.186722e-02	5.365682e-04
## SPAC3F10.04	-2.062347e-03	9.527286e-04	-3.569176e-03	-4.648979e-06
## SPAC3F10.06c	2.358098e-03	-3.169629e-04	-2.913559e-04	-1.578404e-03
## SPNCRNA.855	2.854819e-05	-1.593349e-04	8.870000e-05	-6.713194e-05
## SPAC3F10.09	-6.782983e-04	-3.307829e-04	6.328367e-04	-4.096066e-03
## SPAC3F10.11c	9.235866e-03	-5.798726e-03	5.555036e-03	6.397793e-03
## SPATRNNATHR.03	-2.344586e-03	1.667497e-03	5.853304e-04	-9.326241e-04
## SPAC3F10.15c	6.735657e-04	6.151912e-04	-1.790828e-04	-1.024966e-03
## SPAC3F10.13	2.122918e-03	-3.217822e-04	3.747016e-04	2.648294e-04
## SPAC3F10.16c	-3.425402e-03	-3.259981e-03	-1.854746e-03	-3.761550e-03
## SPAC3F10.17	-2.260136e-03	-9.199832e-04	3.510850e-03	-5.806585e-04
## SPAC3F10.18c	3.558175e-02	-2.838817e-02	3.816228e-02	-1.021589e-02
## SPAC8F11.03	1.967905e-03	-1.826022e-03	4.716520e-04	-2.643385e-03
## SPNCRNA.856	1.806320e-04	9.685497e-06	-1.861477e-05	-1.157466e-04
## SPAC8F11.04	-2.918359e-03	-2.986765e-03	-5.228748e-04	-2.415571e-03
## SPAC8F11.08c	-3.565314e-04	7.903203e-03	-8.946964e-03	1.236351e-02
## SPAC8F11.09c	-2.827648e-03	9.669545e-04	1.246253e-03	2.195941e-03
## SPNCRNA.857	-7.853704e-05	-1.862309e-04	-1.426718e-03	-4.938623e-04
## SPACUNK4.17	-3.825798e-02	6.109596e-02	-2.886702e-02	4.784428e-02
## SPACUNK4.19	-9.137441e-05	1.688159e-04	2.586323e-05	9.365554e-05
## SPACUNK4.16c	6.902167e-03	-7.614845e-03	-6.061402e-03	9.620568e-03
## SPACUNK4.15	-6.979974e-04	-8.963265e-03	5.425563e-04	-3.407377e-05
## SPACUNK4.14	2.906381e-04	3.188830e-05	-1.443934e-04	2.451591e-04
## SPNCRNA.56	1.440705e-04	1.231439e-07	-7.799543e-05	-1.503760e-06
## SPACUNK4.12c	4.120487e-03	-5.046243e-03	-7.434455e-04	8.870273e-04
## SPACUNK4.11c	2.291508e-04	6.102735e-04	4.534317e-04	-7.434710e-04
## SPACUNK4.20	-3.043876e-04	-5.612898e-05	-1.827433e-04	-2.886014e-04
## SPACUNK4.09	3.599692e-04	9.734085e-04	-2.022079e-03	-9.400764e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	6.905410e-03	-1.504110e-03	1.249742e-03	4.124849e-04
## SPAPYUK71.03c	1.040842e-02	-8.280538e-03	-7.770818e-04	-1.423569e-03
## SPNCRNA.209	9.862418e-05	1.094396e-05	-8.729785e-05	3.632365e-05
## SPAC513.04	2.748581e-05	-1.172086e-04	-1.110647e-05	6.429317e-05
## SPAC513.06c	4.928460e-04	-2.929151e-03	1.273479e-03	2.739993e-03
## SPAC513.07	-3.296288e-03	-2.249680e-02	1.255288e-02	-6.464417e-03
## SPAC2E1P3.02c	-3.801115e-04	5.962421e-05	7.742983e-05	-2.021384e-04

## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-1.548038e-04	-1.689834e-04	-4.905335e-05	-7.048358e-05
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-3.758221e-03	2.224091e-03	-1.277083e-03	2.690106e-03
## SPNCRNA.861	-8.426898e-04	-2.053349e-04	-1.347907e-04	-1.516410e-04
## SPNCRNA.862	1.595292e-03	-1.601362e-03	7.870720e-04	-9.214950e-04
## SPNCRNA.863	-1.545440e-03	2.270543e-03	6.696216e-04	-3.574000e-03
## SPAPB24D3.01	4.341646e-03	-4.400330e-05	-1.435557e-03	-2.692198e-04
## SPAPB24D3.02c	5.230569e-03	1.164418e-03	9.118220e-04	-2.100038e-03
## SPAPB24D3.03	-1.863099e-04	1.050768e-03	2.101259e-03	2.023117e-04
## SPAPB24D3.04c	1.842737e-03	1.235333e-03	1.212199e-03	-7.592107e-04
## SPAPB24D3.07c	1.129252e-02	-8.271831e-03	-7.855029e-03	-4.927250e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	7.870442e-03	2.048647e-03	2.505896e-03	1.721901e-03
## SPAPB24D3.10c	1.842976e-03	6.483523e-04	-8.337749e-04	9.078332e-05
## SPNCRNA.867	-1.246821e-04	2.727140e-04	4.760253e-05	-1.372674e-04
## SPNCRNA.868	-6.688144e-05	2.543129e-05	-5.899241e-05	1.073406e-05
## SPNCRNA.869	-1.591611e-05	-1.036785e-04	3.559964e-06	-3.057158e-05
## SPAPB1A11.04c	5.550362e-03	1.349705e-03	2.088762e-03	-4.385616e-04
## SPAC31G5.02	3.558162e-03	-4.253326e-03	-6.369191e-04	-1.578759e-03
## SPNCRNA.870	-6.208966e-05	1.623335e-05	-5.028501e-05	5.305347e-05
## SPAC31G5.04	-6.596400e-03	1.399681e-03	3.685601e-03	-1.019729e-02
## SPAC31G5.06	-9.773285e-05	6.741944e-05	-4.648631e-04	2.752463e-04
## SPNCRNA.871	5.657328e-05	5.236307e-05	-2.684243e-04	1.580855e-04
## SPAC31G5.08	1.886346e-03	-1.114596e-04	-1.756087e-03	-2.693272e-03
## SPNCRNA.71	1.631796e-04	-1.538395e-04	-2.353275e-04	-3.227063e-05
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	2.178183e-03	-4.939885e-04	-1.218285e-03	9.098929e-04
## SPAC31G5.11	1.256899e-02	2.716305e-03	5.459455e-03	-1.703562e-03
## SPAC31G5.21	1.818899e-04	4.246990e-04	-8.004194e-04	2.987548e-04
## SPNCRNA.874	-2.018087e-04	-2.365977e-05	1.955490e-05	-1.426602e-04
## SPAC31G5.14	1.336967e-04	4.034662e-03	1.324436e-03	-5.794827e-03
## SPAC31G5.16c	-5.603917e-03	4.394518e-05	-1.410742e-03	-1.569873e-03
## SPAC31G5.18c	2.996199e-04	-1.591036e-03	2.530638e-04	2.537019e-04
## SPAC31G5.19	5.084316e-03	1.537695e-03	-5.854237e-04	-2.585001e-03
## SPNCRNA.876	4.000215e-04	1.892669e-05	4.905697e-04	-4.232475e-04
## SPNCRNA.877	-4.614254e-05	1.020601e-04	-8.169665e-05	-1.997030e-04
## SPAC1786.02	1.022288e-02	4.952471e-03	-4.922118e-03	-1.045452e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	3.875500e-03	2.088982e-04	1.168116e-03	-1.380919e-03
## SPAC24C9.02c	4.149787e-04	-1.699695e-03	-4.200536e-04	7.574201e-04
## SPAC24C9.04	2.885165e-03	-2.243898e-03	2.355785e-03	-8.041466e-04
## SPAC24C9.05c	-1.112029e-03	-5.592273e-04	-2.715901e-03	9.296284e-04
## SPAC24C9.07c	1.971873e-03	-5.654841e-04	-7.085098e-05	-4.900420e-04
## SPNCRNA.881	-2.546239e-04	4.198330e-05	2.405293e-04	3.858300e-05
## SPNCRNA.882	1.709600e-05	4.605772e-06	4.429091e-05	7.988040e-05
## SPAC24C9.08	7.207544e-03	-1.850552e-03	-1.357167e-04	-2.714273e-03
## SPAC24C9.10c	5.429931e-04	-7.603036e-04	-6.448296e-04	-1.484890e-03
## SPAC24C9.11	-1.485787e-03	-2.859721e-03	-6.580105e-04	2.185027e-03
## SPAC24C9.12c	2.998562e-03	-2.885654e-03	7.669803e-03	-1.633290e-03
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	-1.538842e-03	-3.551697e-03	-2.877268e-03	-2.026928e-03
## SPNCRNA.884	-3.934084e-05	-2.765823e-05	-1.632714e-06	-1.598988e-05
## SPATRNALYS.05	-2.361317e-04	-3.390887e-04	2.329384e-04	-1.677481e-04

## SPAC16A10.05c	-7.527443e-05	-8.587089e-04	7.147633e-04	1.974207e-04
## SPAC16A10.06c	-1.030596e-03	-7.612164e-04	1.218993e-03	4.915186e-04
## SPAC16A10.07c	4.688209e-03	4.201399e-04	1.009262e-03	-2.256896e-03
## SPNCRNA.885	7.358183e-04	3.420311e-05	5.871324e-04	2.050949e-04
## SPAC16A10.08c	3.169604e-04	2.548726e-04	4.301148e-04	-4.166530e-04
## SPAC589.03c	8.110330e-05	-8.578122e-04	-1.414360e-04	2.330348e-04
## SPAC589.06c	-2.635901e-03	-8.145392e-03	1.146910e-02	7.582706e-03
## SPAC589.08c	2.877116e-04	-7.264590e-04	1.708843e-04	-1.449751e-04
## SPAC589.11	2.834624e-04	-4.219751e-04	-8.836551e-06	-8.813884e-05
## SPAC688.02c	9.231655e-04	1.745740e-04	-7.962319e-05	-7.787013e-04
## SPAC688.06c	3.483178e-04	-2.005428e-04	-1.209324e-04	-2.456469e-04
## SPAC688.07c	7.440294e-03	-3.055892e-03	-1.830057e-03	-9.708693e-04
## SPAC688.08	5.080794e-03	3.108825e-03	2.512627e-03	-6.301220e-04
## SPAC688.09	-3.460651e-04	1.583179e-03	-4.380854e-03	8.092526e-04
## SPNCRNA.888	-1.150023e-04	-1.534027e-04	-2.846258e-04	-6.318790e-04
## SPNCRNA.889	-1.363780e-04	-2.769677e-04	-1.424603e-04	-2.279292e-04
## SPAC688.13	-3.116084e-04	-7.618167e-04	3.422255e-04	5.765585e-05
## SPNCRNA.890	6.145430e-05	-1.913713e-04	-2.937529e-04	3.313192e-04
## SPAC688.14	-2.772261e-04	3.162287e-04	-1.401983e-03	1.433922e-03
## SPAC688.16	3.730912e-04	-2.000090e-03	-8.194399e-04	-7.219827e-04
## SPNCRNA.891	1.938844e-04	-4.053569e-04	-1.427833e-05	-1.589776e-04
## SPAC3G9.15c	4.068908e-04	-9.268408e-04	-1.144064e-03	-1.913618e-04
## SPNCRNA.216	7.612415e-06	-3.690568e-06	-2.255668e-05	-1.944240e-06
## SPAC3G9.13c	2.553264e-03	-1.250635e-04	1.492913e-03	5.668205e-04
## SPNCRNA.217	4.747822e-05	8.276272e-05	9.331724e-05	6.457717e-05
## SPAC3G9.11c	3.310088e-04	-1.454383e-04	-5.631370e-04	-9.286826e-05
## SPAC3G9.17	1.324011e-04	-3.569569e-04	-1.891862e-04	1.528010e-04
## SPATRNNATHR.04	-5.392680e-03	3.120020e-02	-1.932163e-02	5.429755e-03
## SPNCRNA.218	7.419803e-05	9.083208e-05	-6.044152e-04	-2.471693e-04
## SPNCRNA.892	5.473763e-04	-7.747995e-04	-4.666603e-04	8.297041e-04
## SPAC3G9.09c	-2.615631e-02	-7.653594e-03	-6.291200e-03	8.508050e-05
## SPAC3G9.07c	1.995194e-03	7.582662e-04	1.895320e-03	1.244486e-03
## SPAC3G9.06	-1.248131e-02	2.288205e-03	-1.086866e-03	8.539530e-04
## SPAC3G9.03	-9.161950e-03	7.476997e-03	-1.328903e-02	3.082914e-02
## SPAC3G9.01	5.731154e-04	1.352942e-04	-1.518215e-04	-2.936371e-04
## SPAC1486.01	2.795133e-03	-6.074699e-03	1.005785e-03	7.761747e-03
## SPAC1486.05	2.867182e-02	8.151049e-03	1.005692e-02	7.339248e-03
## SPNCRNA.894	1.723619e-04	-5.492192e-04	7.069896e-06	-1.390010e-04
## SPAC1486.11	-1.983722e-04	-3.478195e-04	4.800129e-04	2.409274e-04
## SPAC1486.07c	6.047933e-04	-2.520002e-04	9.576981e-04	-1.754168e-03
## SPAC1486.08	2.051064e-03	-1.210694e-03	3.944840e-04	-1.007227e-03
## SPAC1486.10	6.060055e-03	1.847597e-05	1.665008e-03	-2.285679e-03
## SPAC6G10.02c	1.058020e-02	2.844389e-03	1.968906e-03	-5.962159e-03
## SPAC6G10.03c	-6.527168e-04	-2.051402e-03	3.709251e-04	-1.039075e-03
## SPAC6G10.04c	-8.224161e-03	-3.963552e-03	-6.222585e-03	-6.835417e-04
## SPAC6G10.05c	4.415285e-03	8.383852e-04	4.913215e-03	-2.392055e-03
## SPNCRNA.896	6.972435e-04	9.486943e-05	1.086589e-03	1.007509e-04
## SPAC6G10.07	4.015158e-03	-4.169107e-03	3.554231e-04	2.265682e-03
## SPAC6G10.08	-8.441513e-03	-8.036960e-03	5.067253e-03	-5.570662e-03
## SPAC6G10.09	-4.173370e-03	6.596650e-04	-4.656784e-03	6.686690e-03
## SPAC6G10.10c	-1.159379e-04	2.698001e-04	1.976682e-04	-8.203602e-04
## SPAC6G9.02c	-2.604783e-03	-9.630414e-03	-3.615220e-03	-1.712946e-03
## SPAC6G9.03c	1.548996e-03	-2.562208e-04	-1.160582e-03	1.869800e-04
## SPAC6G9.09c	-1.821217e-04	-6.287957e-03	-2.419557e-04	5.084773e-03

## SPAC6G9.12	-1.138483e-03	-2.348835e-03	-4.157361e-03	-8.494750e-04
## SPNCRNA.899	1.190897e-04	1.396681e-05	-7.882599e-05	-1.006377e-04
## SPAC6G9.15c	1.641532e-03	1.604686e-03	-1.096556e-03	-2.895750e-04
## SPAPB1E7.01c	-7.482066e-04	1.231707e-03	-4.673862e-04	-8.086340e-04
## SPAC652.01	1.564457e-03	-8.742032e-04	1.024539e-03	5.056249e-04
## SPAPB1E7.03	4.439002e-04	-1.601317e-03	-1.390351e-03	1.215779e-03
## SPAPB1E7.04c	1.799810e-02	1.356882e-02	1.472179e-02	1.423984e-02
## SPAPB1E7.06c	1.554405e-03	-7.511782e-05	-7.781671e-04	-6.907709e-04
## SPNCRNA.900	2.625468e-04	-3.378567e-04	-6.983582e-05	8.178715e-07
## SPAPB1E7.07	-1.917970e-02	3.919284e-02	-9.932771e-03	-4.541077e-02
## SPNCRNA.901	-1.710553e-04	-1.926585e-04	-1.625914e-04	2.164121e-04
## SPSNORNA.43	-5.749560e-06	-9.515051e-08	1.485567e-06	1.139592e-06
## SPAPB1E7.10	4.780651e-04	3.619166e-04	1.122333e-04	-1.017339e-03
## SPAC2E1P5.01c	4.095329e-03	-8.717895e-04	2.553124e-03	-3.108851e-03
## SPAC2E1P5.03	-2.284847e-03	3.392078e-03	-1.486052e-03	-9.962678e-04
## SPAC2E1P5.05	-1.781255e-04	8.663643e-05	-2.362831e-05	-1.176413e-03
## SPAC26A3.02	5.150597e-03	1.295591e-03	2.006826e-03	9.300738e-04
## SPAC26A3.05	-4.507639e-02	-3.162983e-02	-6.473827e-03	1.864478e-02
## SPAC26A3.08	-2.929570e-03	-1.827319e-03	1.212669e-03	-2.091548e-03
## SPAC26A3.09c	2.822894e-03	-2.224641e-03	8.427955e-04	-2.027844e-03
## SPAC26A3.10	8.306987e-03	2.021619e-03	1.850074e-03	-1.578958e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	3.392601e-03	9.194534e-04	3.971843e-05	-2.136035e-03
## SPAC8E11.12	-1.840890e-04	-8.627194e-05	6.548269e-06	6.755436e-05
## SPNCRNA.903	1.246549e-04	1.046379e-04	-9.136013e-05	-4.851345e-06
## SPAC8E11.08c	-7.396917e-05	-1.328994e-05	-4.811006e-04	-5.318447e-04
## SPAC8E11.06	1.161266e-04	-1.361839e-04	-4.642474e-05	-2.754641e-04
## SPAC8E11.04c	-2.430204e-03	-3.120978e-03	5.386503e-04	3.159680e-04
## SPNCRNA.904	5.176839e-04	-6.195853e-05	-9.370779e-05	7.083442e-04
## SPAC8E11.03c	-1.514338e-05	5.531697e-05	-2.001078e-04	4.624514e-06
## SPAC8E11.02c	-7.053168e-03	-7.406154e-03	-8.418134e-03	-1.174075e-02
## SPAC959.02	-2.897818e-03	-1.363098e-03	-3.329148e-03	3.508049e-04
## SPAC959.03c	-3.474367e-03	-4.095413e-03	-5.735930e-04	7.770317e-04
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	1.659858e-04	-4.177498e-04	-1.041559e-03	8.662122e-04
## SPAC959.05c	9.753887e-04	-5.078461e-04	1.710733e-04	-3.846906e-04
## SPAC959.07	-7.787870e-03	-1.990253e-02	1.462521e-02	2.023303e-02
## SPAC959.09c	8.176774e-06	-6.689311e-04	-1.865490e-04	1.429977e-04
## SPAP32A8.02	-9.773648e-04	2.478001e-04	5.610100e-04	2.792390e-04
## SPAP32A8.03c	3.941801e-03	-4.264760e-04	-1.354873e-03	2.124252e-04
## SPAC3H5.10	-4.534001e-02	-5.514624e-02	-2.983246e-02	1.008296e-02
## SPAC3H5.08c	4.847260e-03	-4.948908e-05	2.752555e-05	-2.323744e-03
## SPAC3H5.06c	3.336365e-03	1.323454e-04	-1.539631e-03	2.355975e-04
## SPAC3A11.13	5.804669e-04	-1.211215e-03	-1.178972e-05	-1.282166e-04
## SPAC3A11.12c	-3.749671e-03	-9.257578e-03	-1.467533e-03	-4.061653e-03
## SPAC3A11.10c	2.531540e-03	3.136574e-04	-5.419783e-04	-8.436518e-04
## SPAC3A11.09	4.580101e-03	-2.934906e-03	3.751553e-04	-2.586448e-04
## SPNCRNA.909	-4.896821e-04	-1.401656e-04	-2.932665e-04	-2.024368e-04
## SPNCRNA.910	1.307342e-05	3.937182e-04	2.317744e-04	9.191349e-05
## SPAC3A11.05c	4.811319e-04	4.998222e-04	2.798271e-05	2.589832e-04
## SPAC3A11.04	-2.829418e-04	-7.465011e-04	2.859138e-04	6.090940e-04
## SPAC3A11.03	2.591904e-04	-1.112715e-03	4.122586e-04	-9.988839e-04
## SPAC3A11.02	7.665922e-04	-1.481500e-03	4.649664e-03	-1.242647e-03
## SPAC328.04	2.463266e-03	3.086468e-03	8.533347e-04	-2.514437e-04

## SPAC328.05	1.711862e-03	-6.731262e-04	2.760246e-04	-2.711998e-04
## SPAC328.06	2.730137e-03	-3.140654e-03	-5.863422e-03	4.376339e-03
## SPAC328.08c	2.742654e-04	4.839552e-04	2.968554e-04	-2.391514e-04
## SPAC328.10c	7.549338e-03	-1.119653e-02	-1.173511e-02	5.063511e-03
## SPNCRNA.222	-2.909187e-05	5.807302e-05	1.656469e-05	-4.316575e-05
## SPAC16E8.02	6.348978e-04	-9.616597e-04	-8.560485e-04	1.462341e-04
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	2.064372e-05	-3.417290e-04	-3.044518e-04	2.642350e-04
## SPAC16E8.06c	-2.819536e-03	-2.430597e-03	6.369202e-04	-3.965687e-03
## SPAC16E8.07c	-4.699112e-03	-1.051436e-02	5.829323e-03	3.968075e-03
## SPAC16E8.09	2.539517e-03	-2.691792e-03	7.570257e-04	-1.764575e-04
## SPAC16E8.13	2.689479e-04	2.128571e-04	-4.778338e-04	8.127282e-06
## SPAC16E8.15	-5.473474e-03	-2.200148e-03	-8.489827e-05	8.545027e-05
## SPAC16E8.18c	1.384180e-03	-2.318631e-04	8.315789e-04	-5.089115e-04
## SPAC1B1.01	1.635942e-03	-2.592908e-03	1.227377e-04	-1.494952e-03
## SPNCRNA.915	1.500472e-04	9.001608e-05	-1.041083e-04	-1.122733e-04
## SPAC17A2.01	1.219091e-03	9.196303e-04	1.887737e-04	-5.050613e-04
## SPAC17A2.02c	-5.952903e-05	-7.348466e-03	3.090451e-03	-4.614874e-03
## SPAC17A2.04c	3.002686e-03	-1.947035e-03	-1.104712e-03	-5.389256e-04
## SPNCRNA.124	1.503453e-06	3.577332e-05	8.764368e-06	-4.072328e-05
## SPATRNNATRP.01	5.576401e-04	3.460021e-04	-9.260347e-05	4.809181e-04
## SPAC17A2.05	-3.313379e-05	-5.132917e-03	1.315022e-03	-6.477060e-05
## SPAC17A2.06c	4.836934e-03	-4.455994e-03	2.482339e-03	1.308576e-03
## SPAC17A2.07c	-1.700499e-04	5.148876e-06	2.290628e-04	-1.045042e-03
## SPAC17A2.08c	8.454297e-04	-2.046539e-04	-9.119399e-04	-4.835453e-04
## SPAC17A2.09c	1.308752e-02	5.413803e-03	2.514056e-03	-5.957433e-03
## SPAC17A2.10c	4.123242e-04	-1.890210e-04	1.104050e-04	-6.239145e-04
## SPAC17A2.11	3.447847e-05	5.809309e-05	1.187889e-04	-4.260692e-05
## SPNCRNA.920	3.262340e-04	-8.298205e-04	2.549217e-04	-2.076814e-06
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	1.031086e-03	2.193895e-04	1.423536e-03	-5.418982e-04
## SPATRNNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	4.523933e-03	-1.207183e-03	-1.784346e-03	-8.726077e-04
## SPAC17G6.05c	2.323582e-03	4.667005e-04	-2.668316e-04	9.859272e-04
## SPAC17G6.06	-2.922711e-03	-5.697700e-03	-1.120467e-02	7.886980e-04
## SPAC17G6.08	1.806402e-03	2.890395e-04	1.249825e-04	9.702101e-04
## SPAC17G6.10	3.196754e-03	-1.581892e-03	4.956684e-04	-1.464455e-03
## SPAC17G6.11c	2.288488e-03	-4.561081e-03	2.043312e-03	-1.727138e-03
## SPNCRNA.921	1.883007e-06	-4.488088e-05	-1.530554e-06	7.542717e-05
## SPAC17G6.13	-1.620227e-03	-1.118858e-02	4.503088e-03	7.556682e-03
## SPAC17G6.14c	-1.434533e-02	-1.197557e-02	-5.040566e-03	-2.187314e-05
## SPAC17G6.15c	1.039543e-03	-2.039858e-03	-7.565509e-04	-1.739635e-03
## SPAC17G6.16c	1.085374e-03	-3.886064e-03	-2.623055e-03	6.524245e-04
## SPAC17G6.17	2.557951e-03	8.909498e-04	1.576254e-03	4.055765e-04
## SPAC1142.01	1.510373e-03	-1.251923e-03	4.649725e-04	-2.906530e-03
## SPAC1142.02c	-3.658684e-03	-4.001821e-03	-2.301334e-03	1.388308e-03
## SPAC1142.04	3.417860e-03	-4.269101e-03	-1.319460e-03	1.276779e-03
## SPNCRNA.923	-4.627694e-05	6.003595e-05	4.337982e-05	-4.337639e-05
## SPAC1142.05	-3.126948e-03	5.237011e-03	-1.120199e-03	-6.185014e-03
## SPAC1142.06	-1.606770e-03	-3.085487e-03	-1.368785e-03	-3.043184e-04
## SPAC1142.07c	2.112288e-03	-6.056845e-04	2.445425e-04	2.750568e-04
## SPAC1142.08	-8.042388e-04	4.200334e-04	-1.045215e-04	-5.110486e-06
## SPAC1142.09	9.471558e-06	1.014920e-04	-4.727669e-05	-2.047952e-05

## SPNCRNA.925	-4.964259e-04	-7.595484e-05	-2.262304e-04	-9.262160e-04
## SPAC8C9.04	3.967571e-03	6.659259e-03	-5.946377e-03	-4.792333e-03
## SPAC8C9.07	-2.296265e-03	-1.714816e-03	-4.741053e-04	9.799574e-04
## SPAC8C9.08	6.882399e-03	-1.642988e-02	2.473382e-02	5.162961e-03
## SPAC8C9.09c	2.501946e-03	4.828580e-04	3.999778e-04	4.654071e-05
## SPAC8C9.11	1.036673e-03	-4.440791e-04	-3.374134e-04	-8.173098e-04
## SPNCRNA.228	-2.182242e-04	-3.147975e-04	3.742298e-04	4.504112e-04
## SPAC8C9.19	5.982813e-05	7.810736e-05	4.086483e-04	2.334235e-04
## SPAC8C9.12c	4.124961e-03	-3.457061e-03	3.366617e-03	-2.377540e-03
## SPAC8C9.14	6.847772e-03	6.416645e-04	4.915770e-03	-5.233825e-04
## SPAC8C9.15c	-2.003613e-03	-2.644292e-04	-6.475207e-03	1.950668e-03
## SPNCRNA.926	3.737413e-04	-8.515558e-05	1.120213e-03	-7.030657e-04
## SPAC15A10.17	4.288967e-04	-1.525386e-05	5.766254e-04	5.757914e-05
## SPAC15A10.06	5.298940e-04	8.854611e-05	1.500315e-04	9.030620e-05
## SPNCRNA.927	2.284010e-05	-9.469248e-05	6.682897e-05	-7.345334e-05
## SPAC15A10.08	-3.495021e-03	-1.148366e-04	-9.065508e-05	5.523493e-04
## SPAC15A10.09c	-7.783849e-05	8.492937e-05	2.562751e-03	8.409540e-04
## SPNCRNA.928	-1.052696e-04	3.646270e-04	-8.790412e-05	-6.350727e-04
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	5.984563e-03	3.405564e-03	7.585559e-03	2.914488e-03
## SPAC15A10.11	1.076887e-02	-5.923234e-03	-2.549186e-03	2.477056e-03
## SPAC15A10.12c	1.483906e-04	-2.058954e-04	-1.265973e-03	-2.686535e-03
## SPAC15A10.13	4.613775e-03	2.709950e-04	4.051214e-04	-1.764593e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	1.985795e-04	4.487636e-04	1.663250e-04	-7.403532e-04
## SPAC15E1.03	-3.390395e-02	-8.509195e-03	1.480378e-02	1.013448e-02
## SPAC15E1.05c	-3.083265e-05	1.240099e-04	3.083281e-04	-7.176361e-04
## SPAC15E1.09	1.578955e-03	-1.742355e-03	5.207078e-04	-9.359092e-04
## SPAC15E1.10	4.381055e-04	-8.523238e-04	2.025334e-04	8.883418e-04
## SPNCRNA.932	2.078051e-04	-9.009383e-05	-1.369504e-04	2.842598e-04
## SPAP7G5.02c	-2.028590e-02	-9.614573e-03	1.345059e-02	5.445728e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	-1.140090e-02	-7.235028e-03	2.864594e-03	7.120678e-03
## SPNCRNA.934	2.191452e-03	-8.827791e-04	2.603118e-04	-2.062982e-03
## SPNCRNA.935	-3.285980e-04	4.435268e-04	1.168127e-03	-3.459037e-04
## SPNCRNA.84	-1.168330e-05	-1.136626e-05	2.385158e-05	1.763137e-05
## SPNCRNA.230	-1.845833e-05	4.118723e-06	-1.682061e-05	-1.413206e-05
## SPNCRNA.231	2.103586e-05	-4.063525e-05	-1.739994e-05	1.926780e-05
## SPNCRNA.232	8.561935e-06	-1.659023e-07	1.940900e-05	-1.418240e-05
## SPATRNAILE.03	1.382310e-04	-1.205275e-04	-1.203203e-03	-3.213800e-04
## SPNCRNA.233	-4.627937e-06	5.462817e-06	-7.290657e-06	-1.740870e-05
## SPATRNAGLU.04	1.052491e-02	1.119472e-02	8.145988e-03	4.185316e-03
## SPATRNAALA.05	2.307245e-04	-9.016174e-04	3.098468e-04	5.969296e-05
## SPNCRNA.234	-1.584384e-05	9.852799e-06	5.252718e-05	3.725694e-05
## SPAC1556.01c	1.784119e-03	-1.289542e-03	-1.028565e-03	-4.792019e-04
## SPAC1556.03	2.550388e-03	6.112804e-04	-1.718672e-03	-1.124597e-03
## SPAC1556.04c	2.461262e-04	3.078102e-04	-1.924889e-04	1.413067e-04
## SPAC1556.05c	2.898880e-04	-1.187866e-03	-4.288794e-05	4.107505e-04
## SPAC1F12.02c	-2.811693e-02	-6.192690e-02	-9.607695e-02	2.223339e-02
## SPAC1F12.03c	1.099565e-03	2.249503e-05	-2.836967e-05	4.201682e-04
## SPAC1F12.04c	2.201253e-03	-1.701754e-03	9.898198e-04	-1.104009e-03
## SPAC1F12.05	4.188865e-03	-9.201941e-04	2.435906e-03	-3.682403e-04
## SPAC1F12.07	-4.248043e-03	-5.268767e-03	3.572138e-04	-1.894051e-03
## SPNCRNA.937	7.473868e-04	-4.139294e-04	2.254967e-04	3.474547e-04

## SPAC4H3.01	1.722877e-05	2.453223e-03	-9.526668e-04	-3.064674e-03
## SPAC4H3.03c	5.098351e-04	-6.314737e-03	1.283964e-03	4.441322e-04
## SPAC4H3.06	3.452877e-04	8.145311e-04	-1.113309e-03	-3.300385e-04
## SPAC4H3.09	1.047655e-03	4.998196e-04	2.520264e-04	5.057032e-04
## SPNCRNA.941	2.240439e-05	-5.526930e-05	8.651365e-05	7.898540e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-3.012686e-04	-5.715795e-05	1.543247e-04	-2.306582e-05
## SPNCRNA.942	2.936351e-04	7.621675e-05	-3.405927e-05	5.699194e-05
## SPAC4H3.12c	-8.253701e-05	-3.586116e-04	-4.977201e-06	1.246585e-04
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	1.194022e-03	-5.265546e-03	-2.459743e-04	-2.025575e-03
## SPAC1071.02	-2.730482e-03	-5.779476e-03	6.986577e-04	-3.171405e-04
## SPAC1071.03c	8.278156e-04	-2.487023e-03	-5.609975e-04	6.404750e-04
## SPNCRNA.237	1.547824e-04	1.809507e-05	-9.544344e-05	-3.424336e-06
## SPNCRNA.943	-2.158292e-04	-1.454805e-04	-2.228355e-05	7.754024e-05
## SPAC1071.05	8.711623e-04	1.282454e-03	2.436383e-03	-2.280536e-03
## SPAC1071.06	7.837837e-04	-1.738549e-03	8.730556e-04	5.000626e-05
## SPAC1071.08	3.998332e-03	6.060803e-03	8.898397e-03	-5.944451e-04
## SPAC1071.10c	1.509648e-01	-7.214400e-02	1.768571e-02	-1.710524e-02
## SPNCRNA.93	-6.485416e-07	-9.668785e-06	-2.935620e-05	-1.109105e-04
## SPAC1071.13	6.260373e-04	-6.935264e-05	-2.050753e-04	-8.463382e-04
## SPNCRNA.945	-2.927437e-04	-2.289194e-04	-3.338236e-05	-5.625778e-05
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	8.861646e-04	3.778005e-05	-7.101376e-04	1.019876e-04
## SPAC926.02	-1.089614e-04	3.436366e-04	-5.126218e-04	-7.701968e-05
## SPNCRNA.946	2.781159e-04	-1.063717e-04	-6.227666e-04	9.334079e-05
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	4.461031e-04	-1.011263e-04	-3.263964e-04	-6.702166e-04
## SPAC926.04c	1.303595e-02	-1.838259e-01	7.739223e-02	-8.622758e-02
## SPRRNA.18	-1.683495e-02	-1.128340e-02	-1.578018e-02	1.797911e-03
## SPAC926.05c	-1.096124e-04	-4.366897e-04	-2.749436e-04	8.351458e-04
## SPAC926.09c	-4.200241e-02	2.262866e-02	-3.416835e-02	1.528683e-02
## SPAC323.01c	1.528111e-04	2.412802e-04	7.340756e-04	-1.144441e-04
## SPNCRNA.948	2.527275e-04	7.002574e-05	-3.411668e-04	-3.092882e-05
## SPAC323.06c	9.096556e-04	-7.730098e-04	-1.311982e-04	-6.698815e-04
## SPAC323.07c	6.519429e-03	-1.655568e-04	3.506305e-03	-2.549976e-03
## SPAC2F3.02	8.706769e-04	-1.878438e-03	-3.393186e-04	1.299474e-03
## SPAC2F3.03c	-1.357440e-03	-4.468069e-03	1.851961e-03	-4.356439e-03
## SPAC2F3.04c	1.602675e-03	-1.318499e-03	6.954808e-04	-2.386075e-03
## SPAC2F3.05c	3.856406e-03	2.428198e-04	-3.756329e-04	-1.470858e-03
## SPAC2F3.06c	-5.736274e-03	-1.237424e-02	1.580382e-03	-3.427854e-03
## SPAC2F3.08	4.259238e-04	1.938564e-03	-1.274962e-03	1.820801e-03
## SPNCRNA.949	7.292739e-04	1.806220e-03	-4.471703e-05	-9.793847e-04
## SPNCRNA.950	-7.310751e-06	2.426996e-05	-1.958675e-05	-1.637156e-05
## SPAC2F3.18c	4.220092e-04	-4.433349e-03	4.301790e-03	2.175156e-03
## SPAC2F3.11	6.892404e-06	-1.820772e-03	1.500597e-04	-3.284766e-03
## SPNCRNA.240	5.906149e-05	1.704168e-05	5.894224e-06	-3.317120e-05
## SPAC11G7.01	8.084415e-03	-1.482749e-03	1.710689e-03	-4.753154e-03
## SPAC11G7.02	-1.926627e-03	-2.859385e-03	-2.240467e-03	-2.841463e-03
## SPAC11G7.03	1.334174e-03	-1.924840e-03	-3.550420e-03	1.535380e-03
## SPAC11G7.04	-4.313869e-03	-1.071546e-02	-7.903143e-03	3.495977e-03
## SPAPB18E9.01	-2.211446e-04	-2.159437e-03	4.749429e-04	-1.770962e-04
## SPAPB18E9.05c	9.786169e-03	-5.999668e-04	-1.556118e-03	-1.082186e-03
## SPAPB15E9.01c	1.334768e-01	-1.723511e-02	2.244326e-02	-2.307774e-02

## SPAPB15E9.02c	1.421561e-03	-4.497446e-04	2.251809e-04	5.360370e-05
## SPAC27E2.02	2.223283e-03	-3.000766e-04	-1.033105e-03	4.507233e-04
## SPNCRNA.53	7.929581e-06	-3.060499e-06	-7.863688e-06	5.593405e-06
## SPAC27E2.14	2.179059e-04	-6.589947e-04	-2.970170e-04	-5.278838e-04
## SPAC27E2.05	2.442910e-03	1.716766e-03	-1.739998e-03	-1.403833e-03
## SPAC27E2.09	5.633829e-03	-5.490680e-03	-4.273816e-03	-2.517389e-03
## SPAC27E2.10c	7.812679e-04	2.271639e-04	7.462369e-04	7.171102e-04
## SPAPJ698.03c	-7.484677e-04	-1.900760e-03	-7.403875e-04	-2.463141e-03
## SPAC19G12.02c	9.945914e-04	1.476554e-06	9.523163e-04	1.293018e-04
## SPAC19G12.04	-1.929723e-04	-1.389997e-04	1.648955e-04	2.728014e-04
## SPAC19G12.06c	-7.719728e-04	7.739757e-03	3.343979e-03	6.447663e-03
## SPAC19G12.07c	2.386177e-03	1.631106e-03	9.942612e-04	-1.354394e-03
## SPAC19G12.08	5.569668e-03	-9.642930e-04	2.782358e-04	-4.238115e-03
## SPATRNALEU.04	1.474158e-02	1.398773e-02	2.338747e-02	5.218780e-02
## SPAC19G12.09	2.326925e-03	-4.404995e-03	1.694145e-03	3.312950e-03
## SPAC19G12.13c	1.505807e-03	-6.805189e-04	-7.690342e-04	-3.526767e-04
## SPAC19G12.14	3.562542e-03	-5.061068e-04	9.561037e-04	-2.071299e-04
## SPAC23A1.07	7.828343e-04	4.574589e-04	1.009575e-03	-9.695070e-06
## SPAC23A1.08c	-9.009287e-03	-1.004962e-02	1.450951e-02	3.126236e-02
## SPAC23A1.10	2.399694e-02	-1.642142e-02	8.324051e-02	1.974258e-02
## SPAC23A1.15c	-1.883782e-03	-1.665320e-03	-5.750520e-04	1.358616e-03
## SPAC23A1.16c	-3.415675e-05	2.939518e-05	-1.323465e-04	-1.516032e-04
## SPNCRNA.341	-4.696110e-05	-3.140007e-05	-6.300309e-06	-5.529539e-07
## SPAC26H5.04	3.346218e-05	1.194334e-03	1.549571e-03	2.006760e-03
## SPNCRNA.961	2.235502e-05	4.759806e-04	-3.496415e-04	-1.855449e-04
## SPAC26H5.07c	8.627423e-03	-8.340466e-03	3.052812e-03	-6.002050e-03
## SPAC26H5.08c	3.823402e-03	2.122915e-03	-6.594888e-04	-2.904295e-03
## SPNCRNA.962	-6.048709e-06	-1.765882e-06	-6.267724e-06	-1.116767e-05
## SPNCRNA.306	-5.270091e-06	1.708430e-05	-4.112099e-06	9.812917e-06
## SPAC26H5.09c	-4.849220e-03	-3.041673e-04	-7.292769e-03	-5.359641e-03
## SPAC26H5.10c	5.541300e-04	2.357806e-02	4.568380e-02	6.623940e-03
## SPNCRNA.964	-1.665607e-04	-7.309595e-05	2.766306e-04	-1.689054e-04
## SPNCRNA.965	3.052827e-04	-3.476943e-04	-2.501094e-05	4.253365e-04
## SPNCRNA.242	-6.643367e-02	1.609324e-01	1.198164e-01	2.357558e-01
## SPSNORNA.13	-8.331130e-02	8.588288e-02	7.035419e-02	1.563846e-01
## SPAC25B8.02	2.076171e-03	-5.069844e-04	1.961375e-04	-9.506516e-04
## SPAC25B8.03	5.337375e-03	-2.569252e-03	-8.233066e-04	-4.023555e-03
## SPAC25B8.04c	1.245522e-03	6.509980e-04	-9.580967e-05	1.452101e-04
## SPAC25B8.05	-4.002506e-05	2.769207e-04	5.424732e-04	7.626517e-04
## SPAC25B8.07c	2.712697e-04	-2.046985e-03	7.323113e-04	-1.473341e-04
## SPAC25B8.20	-1.469988e-04	-8.197417e-04	-2.474681e-04	-1.164189e-04
## SPNCRNA.967	4.312294e-04	-4.013261e-04	-2.598487e-04	3.292780e-05
## SPAC25B8.10	-3.105073e-03	-2.031998e-04	-1.747082e-03	-1.368955e-04
## SPAC25B8.11	4.799242e-03	-3.510896e-03	-4.809193e-04	-1.173822e-03
## SPNCRNA.968	5.281125e-04	6.099327e-04	-1.292639e-04	9.733345e-04
## SPAC25B8.13c	1.000396e-02	5.022569e-03	-2.750017e-03	-2.469532e-03
## SPRRNA.19	-4.622828e-05	-9.539485e-04	6.000867e-04	-2.773075e-04
## SPAC25B8.14	1.069671e-04	-3.209459e-04	4.879485e-04	2.132054e-03
## SPAC25B8.15c	-5.320249e-04	-5.872913e-04	1.701000e-04	-7.304632e-04
## SPAC25B8.16	4.074426e-03	2.828067e-03	-8.149275e-04	-2.011837e-03
## SPNCRNA.970	-2.047098e-04	-2.013721e-05	-1.806305e-04	1.598881e-04
## SPNCRNA.971	-2.345175e-04	-1.083867e-04	-3.076262e-04	2.006621e-04
## SPAC694.03	1.475599e-04	1.411315e-04	-1.340006e-03	-2.486755e-05
## SPAC694.04c	-7.935968e-04	-1.324579e-03	1.146823e-03	1.715682e-03

## SPNCRNA.972	-1.114914e-04	-4.716994e-04	6.538078e-04	-5.498469e-04
## SPAC1F7.02c	-2.004803e-03	-4.557608e-03	2.019946e-03	4.605465e-04
## SPAC1F7.03	1.087373e-02	3.576992e-04	6.818633e-03	3.719654e-03
## SPAC1F7.06	1.122917e-04	-3.786238e-05	-9.693136e-05	1.146808e-04
## SPAC1F7.07c	8.695465e-03	-9.560801e-03	8.478984e-03	2.895323e-03
## SPSNORNA.14	-5.362271e-06	9.006545e-06	9.074899e-06	2.602085e-05
## SPRRNA.20	-2.189527e-02	-3.983888e-03	-2.828407e-02	-3.661897e-02
## SPAC1F7.10	1.462631e-03	1.776135e-04	2.447320e-05	-6.314286e-04
## SPAC1F7.11c	1.985064e-03	-4.058834e-04	1.372485e-03	-3.813963e-04
## SPAC1F7.12	6.185339e-04	-3.619285e-03	1.153100e-03	4.155556e-03
## SPAC21E11.03c	-6.067793e-03	9.278616e-05	-1.612746e-03	8.900901e-04
## SPAC21E11.05c	8.622129e-04	-6.971666e-04	7.536626e-04	6.847782e-04
## SPAC21E11.08	4.560352e-03	-3.133175e-03	-4.476045e-03	6.199332e-04
## SPATRNASER.03	1.164050e-03	-5.290666e-04	2.243863e-03	1.091361e-03
## SPATRNAMET.03	1.230745e-03	-3.092961e-04	9.255112e-04	-1.127668e-03
## SPAC2C4.05	2.720231e-03	-5.374974e-03	6.229263e-03	-1.529746e-03
## SPAC2C4.06c	1.959357e-04	6.958347e-04	1.651778e-03	-1.330195e-03
## SPAC2C4.08	2.298491e-04	-2.595029e-05	-8.003673e-05	-2.284915e-05
## SPAC2C4.11c	-1.831957e-03	-9.010088e-04	9.042606e-04	-1.937816e-03
## SPAC2C4.12c	-1.989552e-03	-1.125046e-03	1.974978e-03	3.318407e-03
## SPAC2C4.14c	-1.747506e-03	-2.487129e-03	-8.187308e-05	-2.240555e-03
## SPAC2C4.15c	5.272027e-06	-1.020487e-03	-3.804471e-03	2.468024e-03
## SPAC2C4.16c	1.429331e-02	6.590076e-03	-4.788892e-02	4.466661e-02
## SPNCRNA.974	-1.123888e-03	-9.725818e-04	-5.217781e-04	5.139370e-04
## SPNCRNA.975	4.939401e-04	2.921951e-06	-3.306866e-04	-1.141654e-04
## SPNCRNA.976	1.865385e-04	-3.856480e-04	2.211986e-04	-3.274202e-04
## SPAC25G10.01	-1.019495e-03	-2.223483e-03	2.260533e-03	-1.431763e-03
## SPAC25G10.05c	-8.232820e-03	-9.269291e-03	3.706017e-03	-5.723006e-03
## SPAC25G10.06	9.212217e-03	-5.102727e-03	-2.588221e-02	-5.114125e-03
## SPAC25G10.07c	2.342482e-03	-2.839470e-05	1.478297e-04	9.194804e-04
## SPAC25G10.09c	1.890366e-02	5.478894e-04	-4.783049e-03	-5.840669e-03
## SPAC27F1.02c	-2.064223e-03	2.130538e-03	-6.432858e-03	-4.300846e-03
## SPAC27F1.03c	6.667630e-04	-4.285004e-04	-1.122694e-03	-1.100897e-03
## SPAC27F1.04c	3.563695e-04	-4.553939e-04	-7.506857e-04	-1.873092e-04
## SPAC27F1.07	3.606336e-03	-8.479939e-03	3.494254e-03	-2.062357e-05
## SPAC27F1.08	3.007532e-03	-2.952653e-03	2.433621e-03	-1.756036e-03
## SPAC27F1.09c	5.281758e-03	-2.494477e-03	-1.092563e-03	-1.938737e-03
## SPAC23D3.01	3.724905e-03	1.063532e-03	1.218263e-03	-3.318598e-04
## SPAC23D3.02	2.345288e-03	3.511590e-04	4.469515e-04	-4.924110e-04
## SPAC23D3.03c	1.961258e-03	-2.648077e-03	2.977270e-03	-4.237724e-03
## SPNCRNA.979	-4.888746e-04	5.103280e-04	1.058506e-03	-1.104881e-03
## SPAC23D3.08	2.146100e-03	4.696655e-04	-2.926206e-03	-2.167192e-03
## SPAC23D3.11	7.038573e-04	-1.360569e-03	1.857245e-03	1.963178e-03
## SPNCRNA.980	5.452880e-04	-1.130788e-04	-2.207555e-04	-1.375876e-04
## SPAC23D3.17	-2.974415e-04	8.888104e-04	-6.111112e-04	-4.989763e-04
## SPNCRNA.981	-1.267520e-04	3.751741e-04	3.380967e-04	1.914319e-07
## SPAC30.01c	1.103523e-02	-6.461064e-03	-1.523129e-03	1.356134e-04
## SPAC30.02c	7.487650e-04	-1.264974e-03	8.585651e-04	1.940769e-03
## SPAC30.04c	1.018729e-02	-2.459960e-03	7.706065e-04	1.183818e-03
## SPAC29E6.01	1.493684e-03	-1.333759e-03	-5.239437e-04	-1.346087e-03
## SPAC29E6.03c	3.293557e-03	-5.514037e-04	3.521006e-03	1.236390e-04
## SPAC29E6.05c	1.587166e-03	-6.937914e-05	5.427245e-04	-4.456144e-05
## SPAC29E6.04	9.329650e-04	-1.548326e-03	-5.545855e-04	-7.953324e-04
## SPAC29E6.07	2.786302e-04	-1.290754e-04	-1.700793e-04	-2.614367e-05

## SPAC29E6.08	-1.057698e-02	-4.692881e-03	5.446186e-03	2.055411e-03
## SPAC16.01	1.556010e-03	-8.028710e-04	-1.254310e-03	1.290713e-03
## SPNCRNA.986	-2.195444e-04	-7.290523e-05	-4.520907e-04	-2.218652e-04
## SPAC16.03c	-1.568801e-03	6.399489e-04	-1.010205e-03	1.706312e-03
## SPAC16.05c	-1.395402e-02	-6.847417e-03	1.473002e-03	-2.231860e-04
## SPAC9E9.01	-3.999420e-05	5.521743e-05	1.187522e-04	-1.846801e-04
## SPAC9E9.17c	-5.321290e-07	-2.811252e-05	-1.397215e-05	5.968175e-05
## SPNCRNA.987	-1.021568e-05	3.001544e-05	-9.323475e-05	-7.734846e-05
## SPNCRNA.12	-1.136521e-05	-4.738605e-06	-1.566585e-05	-5.456414e-05
## SPAC9E9.03	1.736401e-02	3.661484e-02	-1.080762e-02	-4.997928e-02
## SPAC9E9.04	-7.358702e-04	-2.426461e-03	-2.051237e-03	2.644703e-03
## SPAC9E9.09c	2.377054e-02	-8.395995e-04	8.882015e-02	-2.483721e-02
## SPNCRNA.989	2.595945e-04	6.258554e-04	1.824158e-04	6.351127e-05
## SPAC9E9.15	1.475320e-03	-1.206881e-03	-9.698586e-04	1.537326e-04
## SPNCRNA.311	-4.152128e-05	-3.537794e-05	1.997740e-05	8.317578e-05
## SPNCRNA.991	-6.324706e-05	-1.328492e-04	-1.004400e-04	2.191214e-04
## SPAC17C9.14	-4.622144e-04	-6.046156e-04	-3.037682e-04	3.999770e-04
## SPAC17C9.10	2.414763e-03	-3.025854e-03	-2.451590e-03	-2.484644e-03
## SPAC17C9.07	1.668230e-03	-4.276164e-04	1.295491e-03	-1.412695e-03
## SPAC17C9.05c	4.040999e-04	-2.740967e-04	1.861582e-04	-3.667949e-04
## SPAC17C9.01c	1.446200e-03	1.087430e-03	-2.131838e-03	-2.482868e-03
## SPAC1851.04c	-1.337005e-04	-1.483456e-03	-1.753304e-03	-7.274431e-05
## SPAC27D7.02c	2.458972e-03	-6.881008e-04	-4.118241e-04	-7.027475e-04
## SPNCRNA.993	-7.551476e-05	8.278229e-06	-1.376859e-04	2.322396e-05
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-3.901947e-03	9.865864e-04	-3.061794e-03	-1.127184e-03
## SPNCRNA.995	-5.250864e-05	3.195241e-04	-1.077326e-03	5.513868e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	-2.136983e-04	-3.687719e-04	2.946219e-04	-1.965665e-04
## SPAC637.03	-1.229085e-03	4.642039e-03	-3.287370e-04	-4.153982e-04
## SPAC637.04	2.044792e-03	-2.241264e-04	-7.292930e-04	2.036927e-03
## SPAC637.05c	3.966035e-05	-8.613347e-04	-2.560031e-03	-1.810306e-03
## SPAC637.06	2.980890e-03	5.151136e-03	2.101976e-03	7.812569e-03
## SPAC637.09	-1.777607e-03	9.982101e-04	-3.869638e-03	-5.990612e-03
## SPNCRNA.999	-4.269819e-05	-2.965693e-04	-2.331661e-05	1.078334e-04
## SPAC637.11	2.296666e-03	-1.483074e-03	3.258876e-04	-8.295975e-04
## SPAC637.12c	2.255603e-03	-1.387186e-03	1.154704e-05	-2.387894e-04
## SPNCRNA.1000	-1.741680e-04	-1.524916e-04	-1.649371e-04	1.825981e-04
## SPAC637.13c	-6.867928e-04	-5.788371e-04	-8.807320e-05	7.003280e-04
## SPNCRNA.249	-3.772067e-04	-1.713795e-04	-1.258503e-04	-4.537896e-05
## SPAC31F12.01	5.819902e-03	-2.167310e-04	-1.629413e-03	-4.243860e-03
## SPAC12B10.02c	-2.452551e-04	-2.540387e-03	-1.239451e-03	-2.584619e-03
## SPAC12B10.03	3.322308e-03	-6.946832e-04	2.205286e-03	-5.329087e-04
## SPNCRNA.1001	-2.285781e-05	-1.748683e-04	-2.244321e-04	-6.567888e-04
## SPAC12B10.04	1.484260e-03	-1.489312e-03	-3.478560e-04	6.812110e-04
## SPAC12B10.07	-3.595483e-03	-2.859179e-03	-2.341141e-03	2.883792e-03
## SPAC12B10.08c	8.769069e-04	-3.195281e-04	9.204152e-04	1.955866e-05
## SPAC12B10.09	-5.591138e-04	1.099870e-03	-9.715884e-04	-3.493257e-04
## SPAC12B10.10	5.895742e-04	8.509155e-04	-7.708740e-05	8.878856e-04
## SPNCRNA.1003	-8.341431e-05	1.575850e-04	-1.241592e-04	-3.146337e-04
## SPAC12B10.15c	3.150343e-05	-2.438275e-05	-5.890982e-04	-8.517297e-04
## SPNCRNA.1004	4.175218e-06	-4.277977e-04	-1.886239e-04	3.037676e-04
## SPAC1093.07	1.011702e-03	5.999241e-04	-4.512393e-05	-3.677262e-04

## SPAC1093.01	1.409501e-02	-1.173695e-02	1.204357e-02	-6.951041e-03
## SPAC1093.02	2.038252e-03	-4.938770e-03	3.504444e-03	-2.672712e-03
## SPAC1093.03	1.787760e-03	-2.538978e-03	1.302130e-03	-8.062202e-04
## SPAC1093.04c	-1.505891e-04	-1.222078e-03	-7.363518e-04	2.533893e-04
## SPAC1093.06c	1.014433e-02	4.515290e-04	1.143934e-05	-4.364375e-03
## SPNCRNA.1006	2.179452e-05	1.750089e-06	-1.139757e-04	-2.240541e-04
## SPAC30C2.02	-7.162905e-04	-2.541730e-03	-1.217970e-03	-3.484011e-04
## SPAC30C2.04	-1.008761e-02	4.513876e-03	-4.953942e-04	5.465672e-03
## SPAC30C2.05	1.597036e-03	-1.601035e-03	-1.100302e-04	8.823985e-04
## SPAC30C2.07	1.765018e-03	8.607525e-04	2.990693e-03	1.175275e-03
## SPNCRNA.1008	1.082779e-03	2.206655e-04	-9.709384e-05	-5.525105e-04
## SPAC1635.01	-5.502622e-04	6.871090e-05	-5.617448e-03	-4.532559e-03
## SPNCRNA.1009	9.061837e-05	-6.490375e-05	-1.470743e-04	1.859847e-05
## SPAC144.02	2.579834e-03	4.304347e-04	1.443371e-04	1.118677e-03
## SPAC144.03	-9.008126e-03	-2.527936e-03	-1.006459e-02	-5.620149e-03
## SPAC144.04c	6.966554e-04	-6.978966e-03	-1.122989e-04	2.538100e-03
## SPAC144.05	3.660873e-03	-2.635044e-04	-1.253942e-03	1.348787e-03
## SPAC144.10c	-1.634376e-03	-4.236337e-03	5.592002e-05	2.716231e-03
## SPNCRNA.1013	-7.694751e-05	1.426731e-04	-8.641723e-05	-9.176738e-05
## SPNCRNA.1014	-2.011675e-04	-4.017414e-04	9.104205e-05	2.505665e-04
## SPAC144.12	1.551115e-03	-1.331810e-03	1.725556e-03	-1.339491e-03
## SPAC144.13c	1.256577e-03	1.462345e-03	9.486124e-04	-1.226996e-03
## SPAC144.16	1.107676e-03	-1.327207e-03	1.582571e-05	-2.038162e-04
## SPNCRNA.1016	-4.422610e-04	1.636226e-05	1.584294e-04	3.827796e-04
## SPNCRNA.1017	2.286710e-05	6.002065e-05	-2.921557e-05	-9.478629e-05
## SPAC1834.03c	3.517446e-04	1.120678e-02	9.225143e-03	1.079472e-02
## SPAC1834.04	-2.239778e-02	8.267645e-03	-2.614614e-03	9.927792e-03
## SPAC1834.05	4.321818e-03	6.806364e-04	4.439209e-03	3.833165e-03
## SPAC1834.08	7.598154e-03	-5.160000e-03	-4.480297e-03	-1.514460e-03
## SPATRNATHR.05	2.750824e-03	-3.468832e-03	4.873350e-04	-6.276736e-04
## SPAC1834.10c	2.496053e-03	-3.393004e-04	1.056943e-03	2.275510e-04
## SPAC1834.13	4.290654e-05	-2.930412e-05	-2.641101e-05	5.413165e-06
## SPAC17D4.01	5.738450e-03	1.353453e-02	-7.188521e-04	8.532988e-03
## SPAC17D4.02	6.396063e-04	-1.067374e-03	7.484709e-04	2.136323e-04
## SPAC17D4.04	-1.274195e-03	8.349221e-04	-3.307750e-04	-1.912960e-03
## SPAC458.02c	-5.060204e-03	-1.073376e-03	-8.771403e-03	-3.382631e-04
## SPNCRNA.1019	4.658529e-05	-1.152232e-04	5.525195e-05	-1.436566e-04
## SPAC458.03	3.220143e-03	-2.590449e-03	7.157087e-05	-6.131346e-05
## SPNCRNA.1020	1.824936e-05	-2.656997e-04	2.448110e-04	1.260906e-04
## SPAC458.07	1.595737e-04	9.838187e-04	-7.445017e-04	4.425932e-05
## SPAPYUG7.02c	1.711039e-03	-2.833533e-03	1.529853e-03	-2.857218e-03
## SPNCRNA.1022	-1.120507e-04	-4.503579e-05	9.092175e-05	-4.618773e-04
## SPAC1782.01	4.936206e-03	-2.626066e-03	-3.621208e-03	1.328796e-04
## SPAC1782.03	2.073599e-04	-2.016305e-04	-4.810599e-04	-7.105569e-04
## SPAC1782.06c	-2.169347e-03	-3.712701e-03	1.000914e-03	1.009592e-03
## SPNCRNA.1023	-1.422860e-04	2.758831e-04	2.243980e-04	-5.934587e-05
## SPAC1782.09c	9.135260e-04	9.050390e-04	6.491002e-04	3.766831e-04
## SPAC1782.10c	-6.349160e-03	-1.247629e-02	-1.764988e-04	-6.101310e-04
## SPAC1782.11	1.146889e-03	-4.709709e-03	-1.288023e-03	2.334684e-03
## SPAC11H11.02c	1.856217e-03	-6.232999e-05	-1.163575e-03	4.459212e-04
## SPAC11H11.01	-6.019743e-04	2.012982e-04	-7.183117e-04	1.419713e-04
## SPAC11H11.03c	3.833398e-04	-6.319267e-04	-9.817777e-04	-8.526765e-04
## SPAC11H11.04	2.411493e-05	-4.941363e-05	5.045693e-05	-3.158203e-04
## SPAC11H11.06	3.967902e-04	-1.286369e-02	-8.838931e-03	-8.326406e-05

## SPAC22F8.03c	-1.097774e-05	-6.231042e-06	2.618246e-05	3.613674e-05
## SPAC22F8.07c	1.548030e-03	2.133811e-04	5.012690e-04	-2.438376e-03
## SPAC22F8.08	6.474329e-03	-7.747720e-03	4.605260e-03	-3.056476e-03
## SPAC22F8.11	8.067444e-03	-1.329103e-03	-1.175573e-03	5.481489e-04
## SPAC22F8.12c	1.202528e-03	-1.607531e-04	4.502224e-05	-1.507924e-03
## SPAC20G4.02c	2.543133e-03	-1.343930e-03	1.513045e-03	7.246130e-04
## SPAC20G4.03c	2.699351e-03	-5.078714e-03	-2.152712e-03	-1.583364e-03
## SPAC20G4.04c	7.326488e-04	-1.247083e-03	-5.929311e-04	8.988023e-04
## SPNCRNA.1027	1.017330e-04	1.124672e-03	7.387511e-05	-2.135292e-04
## SPAC20G4.09	1.152771e-04	8.180547e-05	3.697462e-04	7.852840e-05
## SPAC20G4.07c	1.734913e-03	-4.463518e-04	2.894561e-04	-2.430758e-03
## SPAC4F10.03c	2.803239e-03	3.719420e-04	2.350957e-03	-3.098486e-03
## SPAC4F10.04	4.236203e-04	1.952246e-04	2.067225e-05	3.866264e-04
## SPNCRNA.1028	3.536761e-04	-1.679488e-04	-4.056748e-04	-3.078130e-04
## SPAC4F10.08	2.023250e-04	-7.286296e-04	-2.418068e-04	-5.071377e-05
## SPAC4F10.12	2.430017e-03	-5.432378e-05	1.121419e-03	-1.252512e-03
## SPAC4F10.13c	2.175596e-02	5.696816e-03	8.139963e-03	-2.056134e-03
## SPNCRNA.1030	1.683800e-04	-1.433788e-04	2.815063e-04	-5.202455e-05
## SPAC4F10.15c	1.700552e-03	-6.513640e-04	-4.409220e-04	-6.165862e-04
## SPAC4F10.16c	6.263302e-03	-2.473019e-03	4.159437e-03	-3.006226e-03
## SPAC4F10.18	3.392746e-03	1.456310e-03	-3.851935e-04	-1.259150e-03
## SPAC4F10.19c	3.418001e-04	1.138204e-04	3.651802e-04	1.869258e-08
## SPAC19B12.01	-9.440007e-03	-5.191258e-03	3.420720e-04	2.898951e-03
## SPNCRNA.255	6.271211e-05	3.470019e-05	-3.386921e-05	1.160056e-04
## SPAC19B12.03	2.356076e-02	-8.336779e-03	4.036465e-03	-2.163097e-03
## SPNCRNA.1034	-4.367466e-05	-5.945131e-04	-3.523785e-04	-1.855649e-04
## SPAC19B12.04	-1.338669e-02	-2.018360e-02	3.909896e-03	1.761061e-02
## SPAC19B12.07c	9.490827e-04	-7.280575e-04	8.412457e-04	3.513832e-04
## SPAC19B12.10	4.336082e-06	3.037023e-04	-5.037679e-04	-5.645032e-04
## SPAC19B12.12c	8.297592e-04	-4.632979e-04	1.297055e-04	4.069348e-05
## SPAC19B12.13	2.980064e-04	-2.522196e-04	1.192696e-04	7.833983e-05
## SPNCRNA.1035	-9.289746e-05	-3.190628e-04	-2.837164e-04	2.493877e-04
## SPAPB8E5.04c	2.880064e-03	-2.132600e-03	-4.672760e-04	6.250138e-04
## SPAPB8E5.06c	1.817063e-03	-4.790977e-03	1.569901e-02	1.162518e-02
## SPAC1B3.01c	-3.984943e-03	-6.667597e-03	4.443403e-03	4.244386e-03
## SPAC1B3.02c	-2.526288e-03	-2.430203e-03	-1.299674e-03	5.919401e-03
## SPNCRNA.1036	-1.344841e-04	-5.853033e-05	-1.927489e-04	1.423867e-04
## SPAC1B3.03c	5.796806e-04	-3.457626e-02	7.870492e-03	-1.233043e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	-5.017610e-04	-5.843166e-05	2.047844e-04	8.066664e-05
## SPNCRNA.1038	-1.869515e-02	6.593347e-03	-1.945728e-03	3.790847e-02
## SPAC1B3.07c	1.728317e-03	-1.139869e-03	9.595897e-04	8.321123e-06
## SPAC1B3.08	3.361774e-04	-1.784391e-03	1.777523e-03	-7.453738e-04
## SPAC1B3.10c	2.855958e-03	-4.322354e-04	3.803222e-04	5.279933e-04
## SPAC1B3.11c	2.346807e-05	-3.353222e-04	-7.612915e-05	5.054054e-05
## SPAC1B3.20	1.360831e-04	6.946924e-04	-4.955939e-04	5.605579e-04
## SPAC1B3.13	-4.323319e-03	-2.885945e-03	7.267046e-04	-2.816254e-03
## SPAC1B3.15c	-9.393643e-05	-1.134197e-03	2.652363e-04	-3.142391e-04
## SPAC1B3.16c	-1.055314e-02	1.982107e-03	2.694395e-02	-4.851891e-02
## SPNCRNA.1039	5.913539e-05	-7.569918e-06	6.101535e-05	-3.054297e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	2.434335e-03	-2.706490e-04	1.012314e-03	1.387575e-03
## SPAC1952.05	2.291725e-03	-1.529680e-03	2.297769e-03	-1.181395e-04
## SPAC1952.06c	1.997798e-03	7.705827e-04	-1.128429e-05	-1.327262e-03

## SPAC1952.08c	-6.106230e-04	7.796201e-04	-2.253513e-04	-1.220165e-03
## SPAC1952.11c	7.355163e-04	9.928259e-04	-6.630258e-04	-8.046116e-04
## SPAC1952.13	-8.754200e-04	-1.999305e-03	-9.248666e-04	-1.349408e-03
## SPAC1952.14c	1.576106e-03	5.372444e-04	7.154565e-05	2.569520e-04
## SPAC1952.15c	-5.552967e-04	-3.313082e-04	-1.561394e-04	4.365094e-04
## SPAC890.02c	1.224139e-03	-1.034229e-03	-1.636745e-03	5.669350e-04
## SPAC890.05	-1.466122e-04	-6.666500e-04	-1.967827e-03	-2.193439e-04
## SPAC890.07c	-7.858657e-04	-8.851135e-04	3.089821e-03	1.156682e-03
## SPAC890.08	2.025156e-02	2.065285e-03	-1.425966e-03	1.483339e-02
## SPNCRNA.258	-4.248238e-06	1.604488e-04	-2.914373e-05	1.654342e-04
## SPAC22E12.01	1.769981e-03	-3.367259e-04	8.914978e-05	6.413489e-04
## SPAC22E12.02	1.826591e-04	-1.027622e-03	-1.150450e-03	6.512921e-04
## SPAC22E12.03c	2.627478e-03	1.037649e-03	-2.683447e-04	1.456876e-03
## SPAC22E12.05c	6.740329e-04	-5.606135e-03	1.434296e-03	1.793943e-03
## SPAC22E12.06c	4.414025e-03	-6.320236e-04	7.214862e-04	-1.209856e-04
## SPAC22E12.07	-7.847160e-03	-6.886380e-03	1.332477e-03	-2.816116e-03
## SPAC22E12.08	1.788045e-04	-7.002127e-04	-3.280228e-04	-2.504063e-04
## SPAC22E12.11c	4.171289e-03	3.045286e-04	-2.515601e-03	-3.318310e-03
## SPAC22E12.14c	1.534684e-03	-5.180319e-04	6.720247e-03	-5.114950e-04
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	4.301920e-04	4.603185e-06	1.357447e-03	-9.397681e-04
## SPAC1006.05c	8.176800e-04	6.644839e-04	9.245245e-04	2.479994e-03
## SPAC1006.06	5.550391e-03	-7.350338e-04	-2.236001e-03	-3.041570e-03
## SPAC1006.07	-4.328470e-02	-7.652163e-02	4.768959e-02	8.008839e-02
## SPAC1006.08	-1.299495e-03	-7.985258e-04	-8.148052e-04	2.147352e-03
## SPAC1006.09	6.542815e-03	7.712415e-04	-1.451781e-05	-9.921881e-04
## SPAC1250.05	2.170206e-03	-1.458430e-03	-2.568650e-03	-3.551062e-03
## SPAC1250.04c	-1.875633e-04	6.696621e-04	-1.059805e-04	-8.578327e-04
## SPAC1250.03	1.459265e-04	-6.215693e-04	-6.671781e-04	-4.426518e-04
## SPAC1250.02	-8.895662e-05	8.599684e-05	2.970569e-04	-9.276439e-05
## SPNCRNA.1046	-7.302756e-05	7.490100e-07	-4.182149e-05	-2.221581e-05
## SPAC29A4.20	1.464376e-04	-1.084097e-03	-5.377130e-04	8.733322e-04
## SPAC29A4.19c	2.908063e-03	-3.222561e-03	3.101632e-03	-2.201682e-03
## SPAC29A4.17c	-6.155193e-04	-2.887958e-05	-2.369677e-06	5.950097e-05
## SPAC29A4.16	1.470806e-02	-1.835532e-03	7.243012e-03	4.182116e-03
## SPAC29A4.15	-4.884199e-03	-4.623027e-03	-5.393709e-03	8.616753e-03
## SPNCRNA.1047	3.090818e-04	-5.552004e-06	-1.490529e-04	-1.861643e-04
## SPAC29A4.12c	5.223703e-05	2.832016e-04	8.908711e-05	-1.276639e-04
## SPAC29A4.09	7.499302e-04	2.823480e-04	-1.309722e-03	1.769794e-04
## SPAC29A4.08c	-3.177622e-03	-2.104168e-03	-4.124599e-04	-2.157077e-03
## SPAC29A4.07	1.148192e-03	-2.407045e-04	-7.296889e-04	-1.303217e-03
## SPAC29A4.06c	1.442014e-03	8.250017e-05	1.642889e-04	-7.622227e-04
## SPAC29A4.04c	-8.906908e-03	-8.435818e-03	-1.791617e-03	8.218990e-03
## SPAC29A4.02c	1.078401e-02	-3.002547e-03	-3.665053e-03	1.445296e-03
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	3.178912e-04	2.724012e-03	-2.084971e-03	4.936419e-03
## SPSNORNA.16	9.248076e-03	-5.625634e-02	-3.063222e-02	3.029993e-02
## SPAC26F1.13c	-1.383834e-02	-3.164661e-03	1.857385e-03	6.173817e-03
## SPAC26F1.11	-2.816999e-04	5.008582e-05	-1.966401e-04	3.543453e-04
## SPAC26F1.07	-1.783437e-02	-2.891895e-02	1.622461e-02	4.732187e-03
## SPAC26F1.05	-5.635098e-04	5.800453e-04	1.927238e-04	-4.969720e-04
## SPNCRNA.1056	1.203332e-04	-4.007074e-05	-2.729896e-05	-1.528685e-04
## SPAC26F1.04c	-5.506109e-04	-4.389749e-03	1.535641e-03	5.664721e-05
## SPAC26F1.03	-2.202774e-02	3.978446e-03	-1.062296e-02	4.418639e-03

## SPAC26F1.01	2.987030e-03	4.088519e-04	1.556034e-03	-4.856810e-04
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	9.078992e-05	-7.021150e-05	-7.427657e-05	2.251656e-04
## SPAC19D5.01	-2.608353e-02	-5.865802e-03	-8.107487e-03	1.300001e-02
## SPAC19D5.02c	8.913880e-04	-1.587567e-03	9.208842e-04	1.961570e-03
## SPAC19D5.04	1.676091e-02	-1.327917e-02	1.153323e-03	-5.837518e-03
## SPAC19D5.05c	6.781729e-04	-1.171856e-03	-5.422422e-04	-8.088290e-04
## SPAC19D5.11c	-9.797025e-05	-1.142602e-04	1.387668e-05	3.577840e-05
## SPNCRNA.1060	-6.116144e-04	-2.227241e-04	-1.452180e-04	-1.210965e-04
## SPAC14C4.01c	8.178331e-04	1.320926e-03	-1.815492e-03	-8.970682e-04
## SPAC19D5.07	9.107998e-05	-5.331322e-05	-3.099836e-04	-4.357450e-04
## SPNCRNA.1062	-4.976269e-06	-6.426547e-05	-2.492281e-04	-2.661445e-04
## SPAC14C4.03	1.311482e-04	1.728462e-04	-1.394189e-04	-3.141204e-04
## SPAC14C4.04	6.445381e-04	-1.997042e-03	-5.560554e-04	-1.757970e-03
## SPAC14C4.05c	4.809470e-04	5.579757e-04	-2.578859e-05	-1.044205e-03
## SPAC14C4.07	6.610287e-03	1.607753e-04	1.804767e-03	-9.419137e-05
## SPAC14C4.08	-1.410398e-04	2.773532e-04	6.030481e-04	-6.732935e-05
## SPAC14C4.09	5.300462e-03	6.171584e-03	2.895221e-03	2.504414e-03
## SPAC14C4.10c	1.006929e-04	-1.618683e-04	2.352872e-04	-6.586130e-04
## SPAC14C4.11	-6.889118e-03	-1.116023e-02	2.090866e-03	5.433108e-03
## SPNCRNA.261	-7.928639e-05	4.268407e-04	-1.515849e-04	2.619052e-04
## SPAC14C4.13	3.658029e-03	7.569037e-04	-1.302090e-05	6.822381e-04
## SPAC14C4.14	8.400596e-03	-1.044638e-02	-3.873144e-03	-4.243472e-03
## SPAC14C4.15c	2.372304e-03	1.278639e-03	1.509095e-03	-1.784129e-03
## SPAPJ760.03c	-7.661512e-04	-4.227564e-04	1.976234e-03	2.232839e-03
## SPNCRNA.1064	-2.128090e-05	-5.761406e-05	1.323922e-04	-2.052437e-04
## SPAC2H10.02c	1.700849e-04	7.872908e-04	4.225222e-04	1.863071e-04
## SPAC11E3.03	1.109659e-03	3.400431e-04	-5.338393e-04	8.672316e-05
## SPAC11E3.04c	-1.573719e-03	-3.692934e-04	4.875862e-04	-9.199981e-04
## SPAC11E3.07	4.296240e-03	-1.436105e-03	-4.472773e-04	-7.735880e-03
## SPAC11E3.08c	-5.125819e-05	-7.468085e-04	-8.269564e-05	2.610330e-04
## SPAC11E3.12	1.348916e-03	1.184016e-03	1.003106e-03	-1.502580e-03
## SPAC11E3.13c	2.609233e-03	3.054720e-03	-2.500205e-03	2.186995e-03
## SPNCRNA.1068	1.907564e-04	1.485130e-04	-3.044629e-04	-7.823536e-05
## SPAC11E3.15	-2.083977e-02	-6.004247e-02	8.734707e-03	1.686097e-02
## SPNCRNA.1070	3.476069e-04	-1.616837e-04	-2.404644e-05	-7.379161e-05
## SPAP8A3.05	1.267664e-03	6.703620e-04	-1.196993e-03	7.830464e-04
## SPAP8A3.06	-6.334934e-04	-4.343329e-03	-6.012190e-04	-3.205210e-03
## SPNCRNA.525	-5.916118e-05	-6.686805e-05	2.961865e-04	-7.886119e-05
## SPNCRNA.1073	1.271607e-05	4.515964e-04	-2.492242e-04	-3.208633e-04
## SPAP8A3.10	3.805551e-03	-6.383572e-04	-1.639967e-04	-9.010458e-04
## SPAP8A3.12c	-2.803477e-04	-2.580133e-03	-3.468836e-03	1.651832e-02
## SPAP8A3.13c	4.613858e-03	1.997182e-04	2.234952e-03	-7.472934e-04
## SPAC4D7.01c	-1.719720e-05	-3.976402e-03	-3.214425e-04	-2.208474e-03
## SPNCRNA.1075	9.587103e-05	-1.681922e-04	-1.111690e-04	1.470930e-04
## SPAC4D7.04c	9.385518e-04	-3.905623e-03	-2.194194e-03	-1.530795e-03
## SPAC4D7.05	-9.964956e-03	-8.901284e-03	6.298921e-03	1.061519e-02
## SPAC4D7.06c	5.049305e-04	-1.754166e-03	-1.009117e-03	1.939483e-04
## SPNCRNA.1077	1.864435e-04	1.639342e-04	3.620789e-04	-1.628413e-04
## SPAC4D7.07c	2.275142e-03	-8.128913e-04	2.020279e-04	-9.608468e-04
## SPAC4D7.08c	5.377251e-03	-8.845773e-03	6.387068e-03	9.290616e-03
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	-1.990595e-04	-6.441216e-05	-3.414841e-05	-2.177682e-05

## SPAC4D7.09	-5.107893e-03	-6.542920e-04	1.120153e-03	3.408460e-03
## SPAC4D7.14	1.532835e-04	3.727139e-04	2.262427e-04	-3.707055e-04
## SPAC3G6.04	1.808357e-03	-5.140854e-04	-9.483492e-04	-8.091478e-04
## SPAC3G6.06c	9.445851e-04	5.682857e-04	-1.625324e-03	5.307781e-04
## SPAC3G6.07	9.831897e-04	-5.919823e-04	-1.070266e-04	1.820395e-04
## SPAC3G6.11	2.709456e-03	1.529536e-03	2.616141e-03	9.767343e-04
## SPAC3G6.13c	4.442764e-02	-3.884200e-02	1.997833e-02	-1.382549e-02
## SPNCRNA.267	1.857220e-04	-6.563522e-06	-3.278032e-05	-1.310946e-04
## SPAC29B12.02c	6.272381e-03	1.924123e-03	6.932424e-04	-8.492100e-04
## SPAC29B12.04	-1.315942e-02	7.236645e-03	4.153861e-03	-1.438125e-02
## SPAC29B12.05c	2.681692e-04	2.568827e-04	-3.519631e-04	-4.324269e-04
## SPNCRNA.1081	-2.027505e-04	-7.396500e-04	-1.487222e-04	2.328484e-04
## SPAC29B12.06c	3.141432e-03	-1.805550e-05	2.255156e-03	-1.317035e-04
## SPAC29B12.07	1.193885e-02	-2.783042e-03	-4.316387e-04	-1.544687e-03
## SPNCRNA.1082	1.953587e-04	-3.402280e-04	-1.132795e-04	-3.545432e-04
## SPNCRNA.270	1.956989e-05	-4.396909e-05	-6.160518e-05	-3.417658e-05
## SPAC29B12.08	5.830241e-03	-9.239084e-04	1.437931e-03	-1.267993e-03
## SPAC29B12.10c	1.838541e-02	2.925901e-04	9.411466e-03	-7.272941e-05
## SPAC29B12.11c	3.364420e-03	-3.806070e-04	1.625889e-03	-2.854297e-03
## SPATRNASER.04	3.802372e-03	-6.190512e-03	3.009937e-03	3.590448e-03
## SPAC29B12.13	-2.489313e-05	6.415139e-04	-2.140682e-04	3.441673e-04
## SPNCRNA.271	2.674438e-05	5.019773e-05	1.522735e-05	-4.233305e-06
## SPNCRNA.272	-1.559141e-05	3.031837e-05	-3.017176e-05	-3.293008e-05
## SPAC1039.01	2.945645e-03	1.177771e-03	-1.686580e-05	-3.731581e-04
## SPAC1039.02	7.349918e-03	1.098484e-02	1.378263e-02	1.382447e-02
## SPAC1039.03	1.946573e-03	5.640900e-04	3.542659e-04	-1.221151e-03
## SPAC1039.05c	1.460859e-03	2.495743e-03	1.813717e-03	5.219319e-04
## SPNCRNA.1084	8.013127e-05	1.066219e-04	-7.757079e-05	-4.881802e-05
## SPAC1039.06	6.203842e-05	-1.655345e-03	-9.944754e-04	-7.416426e-04
## SPNCRNA.1085	6.597996e-05	3.176675e-05	-7.223245e-05	-1.629247e-05
## SPAC1039.08	3.996232e-04	2.898048e-05	-7.234136e-04	-7.165690e-04
## SPNCRNA.1086	4.137601e-05	-8.705154e-05	-9.167427e-05	-2.350239e-04
## SPNCRNA.275	-5.498689e-07	5.452463e-05	9.894679e-05	-6.863109e-05
## SPAC1039.09	5.341833e-04	-7.906868e-04	-2.426745e-04	-1.276815e-04
## SPAC1039.11c	-1.976611e-04	6.912878e-04	-9.315103e-04	-1.941357e-04
## SPNCRNA.1087	3.197477e-04	2.348031e-04	-1.254933e-03	3.500348e-04
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-2.037109e-04	7.893553e-05	-1.604037e-06	-5.155656e-04
## SPNCRNA.1089	3.927898e-05	8.832501e-05	-2.238029e-04	4.969857e-05
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	2.072477e-02	7.749466e-04	9.901874e-03	1.100579e-02
## SPNCRNA.278	-2.490963e-05	2.201032e-04	2.127344e-04	-3.631193e-05
## SPAC922.06	-1.449148e-05	-1.000895e-03	-4.338078e-05	2.120399e-04
## SPAC922.07c	-3.798597e-04	-9.249337e-04	-7.180563e-04	-1.171534e-03
## SPNCRNA.1090	3.090532e-04	-1.786779e-04	-6.699733e-05	-2.581702e-04
## SPNCRNA.1091	1.275777e-04	1.940099e-04	-3.185067e-04	-7.131137e-05
## SPNCRNA.1093	-8.682358e-05	2.713890e-05	5.171791e-06	4.973584e-05
## SPAC869.06c	8.527793e-05	6.448587e-05	-4.109229e-04	7.823859e-04
## SPNCRNA.279	-3.752977e-05	1.991381e-05	-4.291627e-06	-3.476492e-05
## SPAC869.05c	-4.508208e-04	1.295397e-03	-9.366598e-04	2.319742e-04
## SPAC869.04	3.147568e-06	1.208370e-05	-2.685405e-05	-1.964787e-05
## SPAC869.03c	-9.123029e-05	5.677383e-05	-4.482685e-05	1.375910e-04
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	9.051174e-05	-1.578064e-04	2.425406e-05	7.752987e-05

## SPAC869.02c	-6.640953e-03	5.363026e-05	5.853936e-04	6.700487e-03
## SPAC869.01	-1.242762e-04	2.774628e-05	1.191694e-05	1.216375e-04
## SPAC186.01	-3.642425e-04	9.053512e-04	6.970571e-04	7.305846e-04
## SPNCRNA.96	1.238888e-05	-1.477841e-05	-2.617730e-05	2.598045e-05
## SPAC186.03	-1.818831e-06	-1.657525e-05	1.864464e-06	9.087227e-05
## SPAC186.04c	2.587236e-04	-8.962136e-05	-1.630138e-04	-8.007513e-06
## SPAC186.06	9.015700e-05	-7.740781e-05	2.373107e-04	1.608224e-05
## SPNCRNA.310	1.245610e-06	-1.590693e-06	-7.446202e-06	-9.982124e-06
## SPAC750.01	-9.408647e-04	-1.313226e-03	6.219662e-04	-1.101600e-04
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	4.877354e-05	2.597007e-05	-4.945265e-05	1.561620e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	-4.161897e-05	3.674180e-05	-4.730149e-05	4.261529e-05
## SPAC212.08c	6.031805e-05	-4.139935e-05	-6.481738e-05	1.835425e-04
## SPAC212.07c	-1.825853e-04	-6.727722e-05	5.098962e-05	6.846553e-05
## SPAC212.06c	-9.088315e-05	1.657309e-05	5.353536e-05	-3.581479e-05
## SPAC212.05c	1.465249e-05	2.179621e-05	1.021705e-05	-4.935947e-05
## SPAC977.01	1.199231e-05	1.229135e-05	-1.376987e-05	-2.175420e-05
## SPAC977.18	2.436145e-05	-9.170922e-06	1.214687e-05	2.568824e-05
## SPAC977.02	-4.066481e-05	2.966936e-05	-2.154326e-05	6.079796e-05
## SPAC977.06	2.573772e-05	4.332115e-05	5.578360e-05	2.704266e-05
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	2.483876e-04	-5.995152e-04	-1.629240e-04	6.989182e-04
## SPAC977.10	1.065994e-03	-4.597591e-03	-1.942930e-03	2.042147e-03
## SPAC977.12	2.549464e-03	-1.087872e-03	5.098512e-03	1.703203e-03
## SPAC977.14c	-1.314918e-02	-7.189270e-03	1.483926e-03	-2.570614e-03
## SPAC977.17	1.053847e-03	1.502535e-03	-6.925845e-04	5.090043e-04
## SPNCRNA.137	1.343041e-05	2.863376e-05	-5.029759e-05	-4.441988e-05
## SPNCRNA.83	3.788300e-04	-4.512418e-04	-3.036589e-04	3.451939e-04
## SPAPJ695.02	7.053871e-06	-8.485823e-05	-1.528531e-04	1.063154e-06
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-2.074463e-05	1.500473e-04	-6.716985e-05	2.988054e-04
## SPAC1F8.02c	-8.715035e-05	-2.585657e-05	-1.460375e-05	3.250432e-05
## SPAC1F8.03c	5.516962e-03	-1.197501e-02	1.078873e-02	7.642276e-03
## SPNCRNA.604	-3.321622e-05	-5.744658e-04	5.536188e-05	2.790531e-05
## SPNCRNA.139	-2.561188e-06	-3.858980e-06	-6.897982e-06	1.769991e-06
## SPNCRNA.605	3.150666e-03	-1.171974e-04	7.571953e-04	3.449568e-04
## SPAC1F8.04c	-4.194643e-04	-7.869664e-05	-4.627777e-04	2.123569e-04
## SPNCRNA.606	1.339384e-05	-4.748769e-05	7.661314e-05	-2.771382e-04
## SPAC1F8.05	5.180735e-04	-3.042746e-04	1.173053e-04	9.826558e-04
## SPAC1F8.07c	1.655567e-01	-4.264972e-02	-1.634436e-02	2.736484e-02
## SPAC11D3.04c	-7.292605e-04	-3.084160e-03	-2.624929e-03	9.798899e-04
## SPAC11D3.06	-5.112670e-04	9.687776e-04	-4.014638e-04	-1.072220e-03
## SPAC11D3.09	-2.590011e-04	4.005785e-04	7.291317e-04	-1.281612e-03
## SPAC11D3.10	6.229142e-04	-4.065700e-04	-8.376443e-04	1.465512e-04
## SPAC11D3.13	1.731978e-03	-4.008804e-03	2.507214e-03	8.939899e-04
## SPAC11D3.15	6.272623e-03	-3.018210e-03	-1.326892e-03	-2.358981e-03
## SPAC11D3.17	1.900689e-03	5.977487e-04	-1.573665e-04	-1.501994e-03
## SPNCRNA.611	7.329377e-04	2.403133e-04	-5.704095e-04	3.367320e-04
## SPAC5H10.02c	2.481665e-04	1.720708e-04	-1.708483e-04	7.959549e-04
## SPNCRNA.613	-2.552453e-04	-8.192556e-05	1.332632e-04	-1.972983e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-1.084409e-03	-6.339513e-05	-4.133799e-04	-6.496997e-04
## SPAC5H10.07	-1.930447e-04	-2.708766e-06	2.414531e-04	-5.531278e-05

## SPNCRNA.614	-2.391797e-04	1.460934e-04	-2.351847e-04	-2.868607e-04
## SPNCRNA.615	6.715080e-05	2.883240e-05	-1.925512e-05	-1.290809e-04
## SPNCRNA.616	-3.622103e-04	-1.282514e-04	3.682844e-04	1.927745e-04
## SPAC13G6.02c	-3.255688e-02	-3.068388e-02	2.413549e-02	1.831950e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-8.471205e-04	-3.082975e-03	3.243852e-04	-1.211962e-03
## SPAC13G6.05c	-3.083815e-04	2.544541e-04	2.065702e-05	-8.482286e-04
## SPAC13G6.06c	6.045603e-03	4.568245e-04	2.074692e-03	1.554270e-04
## SPAC13G6.07c	-5.103363e-02	9.305891e-03	8.673327e-03	1.410961e-03
## SPAC13G6.08	4.096624e-04	-1.007255e-04	-8.227190e-05	8.907842e-04
## SPNCRNA.619	-2.656340e-04	-1.166993e-04	-7.154525e-04	-5.259648e-04
## SPAC13G6.09	1.377753e-03	-3.687278e-04	2.485720e-03	-1.702494e-03
## SPAC13G6.10c	4.441288e-02	-6.642871e-03	5.566171e-03	-1.357954e-02
## SPAC13G6.11c	2.421789e-03	2.824248e-03	9.300645e-04	-1.689771e-03
## SPAC13G6.12c	-5.846675e-04	-1.295003e-03	1.707870e-03	-1.819618e-03
## SPAC13G6.13	1.953442e-05	-3.341668e-05	2.265375e-05	-1.165597e-05
## SPAC24B11.06c	3.166061e-03	-2.814336e-03	-1.828991e-03	-2.275976e-03
## SPNCRNA.622	1.226812e-03	-2.171691e-03	-7.567335e-04	2.202271e-04
## SPAC24B11.07c	3.161226e-03	-1.348625e-03	1.544472e-04	-1.659527e-03
## SPNCRNA.623	5.962384e-04	4.847389e-04	9.849013e-05	5.368689e-04
## SPAC24B11.10c	3.599469e-03	7.366982e-04	7.678924e-04	-1.973096e-03
## SPAC24B11.14	2.985581e-04	-1.672057e-04	1.844038e-04	6.395507e-04
## SPAC24B11.13	3.516161e-03	7.163556e-04	-1.167353e-03	2.678566e-03
## SPAC806.03c	-2.534731e-03	-8.291789e-03	3.062335e-03	-7.887989e-04
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	3.357643e-04	2.368163e-03	-4.862597e-03	-1.402558e-03
## SPAC806.05	4.947426e-05	2.304026e-03	-1.481237e-03	-1.198705e-03
## SPNCRNA.629	-2.457550e-04	-2.696067e-04	1.273849e-04	6.451209e-05
## SPAC806.08c	2.081130e-03	-2.164511e-04	2.113308e-04	-5.976767e-04
## SPAC1639.01c	6.869922e-03	-5.026346e-03	3.599858e-04	2.625837e-03
## SPAC1639.02c	4.445132e-03	6.491825e-04	4.576968e-03	4.754145e-04
## SPNCRNA.631	-9.141540e-06	2.351753e-05	-1.174072e-05	-1.499673e-05
## SPAC1F5.10	-1.490957e-03	-3.166621e-05	-1.304188e-03	3.379839e-03
## SPNCRNA.634	2.760156e-04	3.245395e-04	-3.741478e-04	-6.393025e-04
## SPAC1F5.09c	-2.781539e-04	-5.946641e-05	7.282304e-05	8.204958e-05
## SPAC1F5.08c	1.256358e-03	-1.020308e-03	1.618401e-03	-1.672207e-03
## SPAC1F5.06	4.696292e-03	-2.380061e-04	-1.244955e-03	-3.222055e-03
## SPAC1F5.05c	-2.831686e-04	-9.362416e-04	-1.685116e-04	1.044308e-04
## SPAC1F5.03c	3.057325e-03	-5.355088e-03	1.171825e-03	-5.047298e-04
## SPAC18B11.11	5.235442e-03	2.114438e-04	3.529387e-04	8.528188e-04
## SPAC18B11.06	2.594914e-04	-2.057094e-03	-2.914520e-03	-1.136645e-03
## SPAC18B11.05	1.726574e-03	-1.265210e-03	-7.567142e-04	-8.045692e-04
## SPAC18B11.03c	5.655390e-04	-7.296661e-04	-6.444637e-05	3.469346e-04
## SPAC12G12.16c	1.005038e-03	-1.043582e-03	-6.341357e-04	-3.890233e-04
## SPAC12G12.13c	2.313046e-03	-1.008437e-03	-4.882261e-04	-1.299629e-03
## SPAC12G12.12	1.579906e-03	-2.020785e-03	1.967571e-03	9.072295e-04
## SPAC12G12.11c	1.308957e-03	-1.401784e-03	1.024942e-03	-1.565800e-03
## SPAC12G12.17	1.219099e-03	8.474436e-04	1.414681e-03	1.250031e-05
## SPAC12G12.08	6.321998e-05	-3.936811e-04	-6.111701e-04	-1.766295e-03
## SPAC12G12.07c	1.620065e-04	-6.897221e-03	-3.750034e-03	2.480555e-03
## SPAC12G12.05c	1.106778e-03	-2.461610e-03	1.417848e-03	2.603720e-05
## SPSNORNA.29	-1.689229e-02	8.254778e-03	-7.038599e-03	-5.821618e-03

## SPAC12G12.04	-2.963408e-02	-5.202950e-02	2.431307e-02	-3.259980e-02
## SPAC12G12.02	-5.770931e-04	1.177538e-04	4.367587e-04	-1.960692e-03
## SPNCRNA.640	1.796607e-04	-2.443189e-04	-3.584427e-05	1.931915e-04
## SPAC12G12.01c	2.578687e-03	-5.204642e-04	-3.358335e-03	1.442016e-04
## SPAC630.04c	2.221403e-04	-7.473316e-04	2.775259e-04	-7.425094e-04
## SPAC630.03	4.212108e-04	-3.433380e-03	-3.797630e-03	-3.479366e-03
## SPAC630.06c	3.494222e-04	1.324895e-03	1.336788e-03	-8.209455e-04
## SPAC630.07c	3.820765e-04	-6.051651e-04	2.323605e-04	1.251748e-03
## SPNCRNA.641	1.408370e-04	-5.393270e-06	-1.793751e-04	2.571805e-04
## SPAC630.08c	1.363678e-02	-1.153829e-02	-2.877930e-04	2.664341e-03
## SPNCRNA.642	-1.308100e-04	-1.053085e-04	-1.400647e-05	-1.804988e-04
## SPAC630.09c	-8.060595e-04	-5.548660e-04	-1.961138e-03	3.005659e-04
## SPAC630.10	8.974080e-04	-8.648687e-04	5.661001e-04	-9.720088e-04
## SPAC1751.03	-6.716369e-03	-6.298038e-03	9.075606e-03	4.922886e-03
## SPAC31A2.05c	-1.522227e-06	-8.901296e-04	-7.363706e-04	2.889620e-04
## SPAC31A2.08	1.633119e-04	-2.139471e-03	4.638521e-04	-1.851384e-03
## SPAC31A2.10	7.751127e-07	-1.493913e-03	-5.136344e-04	6.165942e-04
## SPAC31A2.15c	1.758399e-03	-2.623572e-03	-2.386998e-03	-1.186120e-03
## SPAC13C5.02	1.001818e-03	-3.050129e-04	-1.266858e-03	-1.119268e-03
## SPAC13C5.03	8.403011e-04	2.928127e-05	2.616380e-04	2.398893e-04
## SPSNORNA.01	-1.241154e-02	-1.187514e-02	-5.367698e-03	2.493708e-02
## SPNCRNA.646	-4.117392e-04	-1.189901e-03	-2.638586e-04	5.141572e-04
## SPAC13C5.07	-1.084528e-02	1.714086e-03	1.487346e-03	7.794218e-03
## SPNCRNA.647	-9.199872e-05	3.711946e-04	-6.204216e-04	-9.576964e-04
## SPNCRNA.648	6.815523e-04	-3.030338e-04	1.523976e-04	-9.900571e-05
## SPAC23E2.01	1.727033e-03	3.849143e-03	-2.166772e-04	-6.242221e-03
## SPNCRNA.649	-1.444438e-04	2.689787e-05	-5.858340e-05	1.537641e-04
## SPAC23E2.03c	7.663122e-04	3.519263e-04	-2.574740e-04	-3.925604e-04
## SPNCRNA.650	1.307052e-04	1.353921e-04	8.637502e-07	8.840453e-05
## SPAC24H6.13	1.689927e-02	9.334924e-03	1.029366e-02	9.162660e-04
## SPNCRNA.651	1.502894e-04	-3.228133e-04	4.521754e-04	2.001853e-04
## SPAC24H6.10c	1.314720e-02	-9.774130e-03	5.103724e-03	1.415237e-03
## SPAC24H6.08	3.935892e-05	7.869774e-04	-7.485021e-05	-4.065698e-04
## SPAC24H6.05	3.216544e-03	1.125083e-03	1.530246e-03	-3.009254e-03
## SPAC24H6.03	8.440711e-04	-4.642281e-04	-1.076550e-03	-9.829971e-04
## SPNCRNA.47	2.560948e-04	1.352349e-04	1.983649e-04	-1.111342e-04
## SPAPB21F2.02	8.889623e-03	-6.197142e-04	3.447552e-03	1.945039e-03
## SPAPB21F2.03	8.906322e-04	-1.601238e-03	8.486448e-05	5.330836e-05
## SPAC227.01c	1.655309e-03	-1.723885e-03	-2.017391e-04	-3.509657e-05
## SPAC227.02c	2.340119e-03	1.841343e-04	1.490159e-03	-1.703801e-04
## SPAC227.03c	1.261094e-03	3.642375e-04	6.680607e-04	-6.840235e-04
## SPNCRNA.656	-2.725027e-05	-5.457253e-05	-4.746440e-05	-2.489712e-04
## SPAC227.04	3.063074e-05	8.432915e-05	5.756020e-04	-3.129253e-04
## SPNCRNA.658	-5.297542e-04	-2.379505e-04	-1.514950e-05	5.808047e-05
## SPAC227.14	1.712448e-04	1.586808e-03	1.411456e-03	-4.987379e-04
## SPAC227.15	5.359385e-03	-1.925445e-03	1.029399e-03	-4.753695e-03
## SPNCRNA.659	7.288464e-04	7.564307e-04	-4.049949e-04	3.430568e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	-9.064046e-04	2.532920e-03	-7.277476e-04	-3.136437e-03
## SPAC227.18	-3.292899e-03	-7.167505e-06	-2.276790e-03	-1.098375e-02
## SPAC2F7.02c	3.866222e-03	1.384983e-04	2.406531e-04	7.931921e-05
## SPAC2F7.03c	3.502690e-03	-6.203385e-04	-1.109950e-03	2.388717e-05
## SPAC2F7.05c	-2.067424e-02	-3.942036e-03	-2.260861e-02	-5.218368e-03
## SPAC2F7.06c	2.383586e-04	-9.522834e-05	-1.684530e-04	-9.356706e-05

## SPAC2F7.07c	2.610106e-03	-2.168840e-03	-1.795596e-03	1.582387e-03
## SPAC2F7.08c	2.241910e-03	1.630526e-03	4.593841e-04	-3.170531e-04
## SPAC2F7.09c	2.886035e-03	9.098599e-05	4.997546e-04	-1.551593e-03
## SPAC2F7.10	1.075701e-03	-2.716351e-03	6.977064e-04	-2.083811e-03
## SPAC2F7.11	4.595498e-03	-3.441369e-03	-2.839186e-03	-1.828542e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-2.083993e-04	2.208591e-04	-1.980439e-03	-5.112329e-05
## SPAC2F7.16c	7.380746e-03	2.284544e-04	1.229275e-03	6.987496e-04
## SPAC2F7.17	-9.596668e-04	1.712828e-03	-4.418672e-04	7.232864e-04
## SPAC13A11.02c	-2.740492e-03	-7.430882e-03	-6.344777e-03	4.752884e-04
## SPNCRNA.155	8.641688e-05	2.480080e-05	-6.881765e-05	-4.609006e-05
## SPNCRNA.662	1.263621e-04	1.434633e-06	-4.375346e-05	5.427724e-05
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-3.589831e-04	5.078433e-04	8.474488e-04	-1.458976e-04
## SPAC3H8.05c	4.427303e-03	-2.417933e-03	-2.067411e-03	-2.250240e-03
## SPNCRNA.664	2.414557e-04	1.862481e-04	-3.864134e-05	-3.531843e-04
## SPNCRNA.665	-2.016297e-04	-2.140602e-04	-5.358444e-05	7.301744e-05
## SPAC3H8.06	9.860391e-04	-5.807291e-03	2.031473e-03	-1.632038e-03
## SPAC3H8.07c	3.778950e-04	3.345716e-04	-7.675510e-04	-1.256712e-04
## SPNCRNA.666	1.012719e-03	5.160398e-05	1.777254e-03	-1.235213e-04
## SPAC3H8.09c	5.033897e-03	-3.661401e-03	1.459889e-04	-3.904652e-04
## SPAC1F3.07c	2.630395e-03	1.081227e-03	-7.007792e-04	-8.019056e-04
## SPNCRNA.668	1.436788e-04	-3.865723e-06	4.925577e-04	-3.607415e-04
## SPAC1F3.08c	-9.391187e-07	1.113311e-05	-2.381604e-06	-1.933957e-05
## SPAC1F3.09	7.475397e-03	-4.632974e-03	9.669347e-03	2.762808e-03
## SPNCRNA.669	2.639245e-04	-2.051318e-04	-1.363751e-04	-5.918347e-04
## SPAC1F3.10c	1.021129e-03	7.559593e-04	5.977924e-04	5.784601e-04
## SPAC1D4.04	-2.276053e-03	1.453852e-05	-8.511306e-04	1.293163e-03
## SPAC1D4.06c	-1.851254e-04	2.679556e-04	1.435505e-04	1.079774e-04
## SPAC1D4.08	4.607131e-03	-3.374315e-03	4.376096e-03	-2.505878e-03
## SPAC1D4.09c	9.955550e-04	-7.441281e-04	1.342818e-04	-6.437984e-04
## SPAC1D4.11c	7.822347e-03	8.509987e-04	-3.582782e-05	-1.328319e-03
## SPNCRNA.672	4.629968e-04	3.036024e-04	2.950225e-04	1.848235e-04
## SPNCRNA.673	-1.575846e-05	1.780181e-04	6.100531e-06	-1.304318e-04
## SPAC1D4.13	1.470423e-03	1.434108e-04	2.291249e-04	9.263580e-04
## SPNCRNA.674	4.748614e-04	4.002533e-04	-3.840316e-05	9.556129e-05
## SPAC22F3.12c	5.939527e-04	1.860793e-04	-1.148362e-03	-2.102167e-04
## SPAC22F3.09c	-5.328350e-04	2.056162e-04	-1.648031e-04	6.064143e-04
## SPAC22F3.15	-1.945021e-04	-7.395634e-04	5.587165e-04	-2.061066e-04
## SPAC22F3.06c	6.877175e-03	2.941043e-03	-7.346851e-03	-8.763996e-04
## SPAC22F3.04	-1.022034e-04	5.073072e-05	2.313240e-05	8.654634e-05
## SPATRNAVAL.02	5.805973e-03	-9.687355e-03	8.667996e-02	4.634201e-02
## SPAC22F3.02	-4.514839e-04	9.144947e-05	-2.779714e-04	-2.407137e-04
## SPAC1296.01c	2.470459e-04	-4.566899e-03	-6.968022e-04	3.172600e-04
## SPAC1296.02	-3.001633e-04	-3.576966e-03	2.413008e-03	3.756703e-03
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	2.619086e-03	1.525922e-03	3.276497e-05	3.099717e-05
## SPAC1296.06	-3.612298e-04	-4.835579e-04	-8.019765e-04	3.189189e-05
## SPAC22G7.02	2.625170e-03	2.390232e-03	1.719374e-03	1.993815e-03
## SPAC22G7.04	-1.274108e-03	-1.518658e-03	-3.944318e-04	3.191234e-03
## SPAC22G7.06c	-4.899246e-02	-4.891084e-02	3.356629e-02	1.434287e-02
## SPAC22G7.07c	2.574357e-04	-8.791351e-05	-1.198904e-04	-5.221495e-04
## SPAC22G7.08	-9.735247e-04	-3.885323e-04	-2.587734e-04	-7.132794e-04
## SPAC22G7.11c	7.578352e-04	-1.227540e-05	6.364262e-04	4.887664e-04

## SPNCRNA.679	1.996244e-04	-1.386424e-04	-3.297402e-04	1.778363e-05
## SPNCRNA.680	3.137239e-04	1.590546e-04	-2.949562e-04	-2.190666e-04
## SPAC4G8.04	-2.490067e-03	-1.001050e-03	1.652424e-04	6.888930e-04
## SPAC4G8.05	-5.856242e-04	-1.928697e-03	-1.026522e-03	-1.906446e-03
## SPAC4G8.07c	-6.712531e-04	7.991010e-04	-1.323450e-03	1.168490e-03
## SPNCRNA.681	4.973185e-06	7.763904e-07	-6.199871e-06	-2.145205e-05
## SPNCRNA.682	3.709440e-04	-1.333708e-04	1.654923e-04	-3.486651e-04
## SPAC4G8.09	2.035037e-03	-8.349127e-04	1.247750e-03	-2.209719e-03
## SPNCRNA.683	1.844779e-07	2.807489e-05	2.308917e-04	3.468528e-04
## SPAC4G8.10	-7.581019e-04	-7.339789e-04	1.017517e-03	5.164304e-04
## SPNCRNA.684	-1.900726e-04	-3.082909e-04	2.321333e-04	-9.001879e-05
## SPAC16C9.01c	-8.557444e-05	-1.914013e-03	8.546438e-04	-3.037159e-04
## SPNCRNA.685	-2.595347e-04	-6.487293e-05	1.143249e-04	8.697652e-05
## SPNCRNA.686	-4.182433e-04	-7.335222e-04	3.648029e-04	-1.556033e-04
## SPAC16C9.02c	-3.026577e-04	-4.517049e-03	3.731714e-03	-5.633206e-03
## SPAC16C9.03	-3.622707e-03	-2.928992e-03	-5.405711e-03	2.240432e-03
## SPAC16C9.04c	1.339555e-03	-3.760930e-04	4.400738e-04	-1.714915e-03
## SPNCRNA.687	-9.050069e-05	-4.614070e-04	1.466215e-04	-5.227137e-05
## SPAC16C9.06c	-1.184572e-03	-3.080155e-03	1.013592e-03	-5.584083e-03
## SPAC16C9.07	5.750482e-03	-1.470630e-03	1.949230e-03	1.369075e-03
## SPAC2G11.04	1.865548e-05	3.052484e-04	-6.711441e-04	-1.241394e-03
## SPAC2G11.05c	-7.357386e-04	-4.590127e-04	1.740136e-04	-9.439079e-04
## SPAC2G11.08c	8.388964e-04	3.060144e-04	-1.806229e-04	-4.345615e-04
## SPAC2G11.10c	9.700587e-04	4.923052e-05	2.956494e-04	5.180975e-04
## SPNCRNA.689	2.073934e-04	1.760182e-04	4.870688e-04	-2.054858e-04
## SPAC2G11.11c	3.113499e-03	-4.816748e-04	1.368499e-03	-1.023260e-03
## SPNCRNA.690	-1.145133e-05	2.483866e-04	-9.635637e-05	-2.012046e-04
## SPAC2G11.13	2.746304e-03	4.598567e-04	1.544861e-03	-1.132803e-03
## SPAC2G11.14	5.995206e-03	5.008502e-03	-5.875725e-03	6.697565e-04
## SPAC2G11.15c	4.207826e-04	7.763880e-05	5.921806e-04	-1.721978e-04
## SPAC521.04c	2.373698e-03	-3.139518e-04	4.127400e-03	-4.836433e-03
## SPNCRNA.693	-6.655254e-06	5.173935e-05	-3.965932e-05	-1.654459e-05
## SPAC23G3.02c	3.802371e-03	-4.506494e-03	2.143296e-03	-6.411718e-03
## SPAC23G3.03	1.437827e-04	2.265684e-04	-7.599956e-04	2.222133e-04
## SPAC23G3.05c	9.140284e-04	-1.642065e-04	-2.104798e-04	-2.405394e-04
## SPAC23G3.09	1.509149e-03	6.941553e-04	1.753943e-03	8.061367e-04
## SPAC23G3.11	5.091772e-03	-6.240383e-03	-1.116466e-03	2.487797e-03
## SPAC23G3.12c	1.722587e-03	-1.758067e-03	-3.787074e-03	4.128949e-03
## SPAC22H12.03	-8.736248e-05	-2.736015e-04	-8.703396e-04	-4.539040e-04
## SPAC22H12.04c	-9.956448e-02	-5.794874e-02	-4.084695e-02	-6.695991e-03
## SPAC1687.02	4.327898e-04	4.066077e-04	6.131926e-05	7.652159e-04
## SPAC1687.03c	-1.352799e-03	-2.132171e-03	8.315396e-04	3.615220e-03
## SPNCRNA.695	3.315901e-04	3.836579e-04	3.914318e-05	-1.829469e-04
## SPRRNA.12	-1.809305e-01	1.438415e-01	9.199651e-03	6.611656e-02
## SPAC1687.07	4.706420e-04	-1.562061e-04	1.720363e-05	2.167785e-04
## SPAC1687.08	-3.809429e-04	-1.960829e-04	2.806664e-04	4.905836e-04
## SPAC1687.09	3.020298e-03	2.068158e-03	7.840460e-04	-4.738418e-03
## SPAC1687.10	3.655212e-04	-9.379452e-05	6.232161e-04	1.279494e-03
## SPAC1687.13c	7.152771e-04	-7.714768e-04	-1.149488e-04	3.022097e-04
## SPAC1687.23c	2.284795e-06	-5.217184e-07	1.690768e-05	-1.223841e-05
## SPAC1687.15	3.006175e-03	1.769018e-04	1.292514e-04	-2.510926e-03
## SPNCRNA.697	-2.663368e-07	-8.673118e-05	-4.480813e-04	5.081459e-05
## SPAC1687.21	-1.384200e-04	-1.488898e-03	-3.100790e-03	-1.720600e-03
## SPAC1687.22c	1.030125e-03	-1.969560e-03	-1.251764e-03	2.927351e-04

## SPNCRNA.698	4.172225e-04	-4.001519e-05	5.889034e-05	-2.410941e-04
## SPNCRNA.699	-2.543025e-04	-2.673392e-04	-4.439272e-04	-6.870694e-04
## SPAC222.05c	3.100851e-04	-9.562881e-04	-2.639339e-04	-9.423831e-04
## SPNCRNA.700	2.134524e-04	1.925152e-04	1.129332e-04	-3.638904e-04
## SPATRNAGLU.02	1.327048e-02	1.706650e-01	1.868368e-01	-3.098634e-01
## SPAC222.09	3.445787e-03	2.228584e-04	4.199262e-04	-3.450761e-03
## SPAC222.10c	2.370912e-03	1.121714e-03	-1.117063e-03	1.588417e-03
## SPAC222.11	-5.088580e-03	1.820922e-03	-4.159089e-03	1.664995e-03
## SPAC222.12c	-5.166352e-03	-2.946824e-02	-8.611046e-03	6.523164e-03
## SPAC222.13c	7.916769e-04	-1.282533e-03	1.520830e-03	-9.409427e-04
## SPAC222.14c	5.117950e-04	-3.340464e-03	-3.652098e-03	1.414575e-03
## SPNCRNA.50	-1.036372e-06	3.029155e-06	6.458869e-05	-1.067575e-04
## SPAC821.03c	1.800417e-03	4.450982e-05	4.781894e-03	-1.745212e-03
## SPAC821.04c	2.139371e-03	1.131649e-03	-1.529169e-04	1.888167e-04
## SPSNRNA.03	-3.751724e-02	-3.875779e-02	7.490451e-02	-3.675863e-02
## SPAC821.07c	3.112632e-03	-2.624532e-03	2.776887e-03	-5.391288e-04
## SPNCRNA.163	8.711459e-05	1.088772e-04	8.413057e-05	3.314049e-05
## SPNCRNA.164	6.278195e-06	6.460421e-06	-8.075388e-06	2.764791e-05
## SPAC821.11	-1.056032e-02	1.746140e-03	-1.977473e-03	-6.960832e-03
## SPAC821.13c	7.536073e-03	7.110795e-04	-1.962308e-04	-2.145520e-03
## SPAC139.03	8.165932e-04	7.945812e-04	-9.947201e-04	5.340790e-04
## SPAC139.04c	-3.911394e-04	-5.464101e-04	1.326064e-03	7.571101e-04
## SPNCRNA.705	7.842983e-05	-1.235656e-04	-4.802193e-05	-1.191032e-04
## SPAC139.05	-3.957473e-04	2.783342e-02	-1.112860e-02	1.460986e-02
## SPNCRNA.706	4.745290e-04	6.055285e-04	-1.320230e-04	-1.197387e-03
## SPAC139.06	8.688170e-04	1.939083e-04	3.519003e-04	-2.063334e-03
## SPNCRNA.707	-7.324929e-06	1.500035e-04	2.941343e-04	6.280987e-05
## SPAC23C4.02	4.558076e-03	4.568710e-03	-6.423392e-03	-1.643747e-04
## SPAC23C4.04c	4.105775e-04	2.031251e-04	-5.293497e-04	-1.045740e-03
## SPAC23C4.07	4.187338e-04	5.697337e-04	6.427399e-04	-1.231834e-04
## SPAC23C4.08	9.036843e-04	-1.292456e-03	3.328611e-03	2.185374e-03
## SPNCRNA.708	5.832623e-04	-5.174472e-04	-3.564509e-04	-2.351967e-04
## SPAC23C4.12	9.982758e-04	-1.349946e-03	-3.728365e-04	-9.309500e-04
## SPAC23C4.16c	-4.856360e-04	2.237700e-03	-9.992398e-04	9.614554e-04
## SPNCRNA.709	3.546405e-04	-3.248033e-04	-1.213756e-04	2.488389e-04
## SPNCRNA.166	-1.676788e-05	-4.093714e-05	-2.143105e-04	-1.065620e-04
## SPAC23C4.19	3.250485e-03	-1.828919e-03	-2.871522e-03	-4.738022e-03
## SPAC1A6.11	-5.054675e-05	1.055444e-04	3.243450e-05	1.291211e-04
## SPAC1A6.05c	2.082065e-03	-8.812581e-04	-3.272452e-03	2.939266e-04
## SPAC1A6.07	3.556858e-03	1.740787e-03	-2.132775e-03	4.068691e-04
## SPAC1A6.09c	7.902541e-03	-3.752509e-03	3.337539e-03	-1.711589e-03
## SPAC1A6.10	-4.867624e-03	-4.961467e-03	7.776049e-04	-1.550058e-03
## SPAC30D11.13	8.455957e-04	-2.522114e-03	4.482739e-04	-1.835119e-03
## SPAC30D11.12	-5.326378e-03	-1.856088e-03	-7.222100e-03	-8.696050e-03
## SPAC30D11.11	3.310655e-03	-5.248989e-04	1.981259e-03	-4.648171e-05
## SPAC30D11.10	3.421668e-03	3.629178e-04	-1.182444e-03	-8.348712e-04
## SPNCRNA.712	1.362984e-04	-2.101949e-04	-3.549387e-04	-1.290948e-04
## SPAC30D11.09	1.067103e-03	1.249711e-04	-2.059728e-04	-9.594515e-04
## SPAC30D11.08c	1.204268e-04	-8.383567e-04	-6.823685e-05	-1.708191e-04
## SPAC30D11.04c	1.272431e-02	1.687855e-03	-8.167883e-04	-6.555364e-03
## SPAC30D11.03	-1.066640e-03	-2.377588e-03	1.271523e-05	-2.868907e-03
## SPAC30D11.01c	2.309370e-03	-1.892441e-03	-1.066131e-03	-1.004889e-03
## SPNCRNA.713	3.072629e-04	1.778352e-04	-1.932882e-04	-5.361647e-05
## SPNCRNA.714	2.530210e-05	-4.195579e-05	-2.720190e-05	1.834880e-05

## SPAC56F8.03	-9.000207e-03	7.470804e-03	-2.306233e-03	5.540365e-03
## SPAC56F8.05c	-7.261883e-04	-5.461160e-03	-3.432518e-03	-1.310355e-02
## SPNCRNA.715	-1.318444e-04	1.080782e-04	-1.078733e-04	4.387524e-04
## SPAC56F8.07	-2.134043e-04	-9.927084e-05	1.139438e-03	-1.608537e-03
## SPAC56F8.08	-4.914460e-05	4.817439e-04	-2.877191e-03	2.871753e-03
## SPAC56F8.10	-4.338696e-03	-3.547616e-03	1.076449e-03	2.655139e-03
## SPAC56F8.11	1.631092e-03	-5.234578e-04	4.653083e-04	2.160898e-03
## SPAC56F8.14c	-4.199658e-05	6.730093e-04	1.735404e-03	-8.155047e-04
## SPAC56F8.13	-3.684313e-04	-4.368025e-04	3.300390e-04	5.523486e-04
## SPAC56F8.15	9.169293e-04	2.892728e-04	-1.003830e-04	-3.514645e-04
## SPAC22A12.01c	3.718683e-03	-1.031369e-03	1.628686e-03	-6.439924e-04
## SPAC22A12.03c	9.152544e-04	-2.242263e-03	1.308994e-03	1.462754e-03
## SPAC22A12.05	1.462959e-03	-1.483494e-03	2.358825e-03	-2.392166e-04
## SPAC22A12.06c	-1.295141e-05	-9.105859e-05	-8.092329e-04	-1.609850e-03
## SPNCRNA.718	3.040135e-04	-1.006937e-04	2.715979e-04	-7.247536e-05
## SPAC22A12.13	1.213865e-03	3.416910e-04	9.788351e-04	3.552643e-04
## SPAC22A12.15c	-3.186985e-02	-1.673943e-01	9.967998e-02	1.277883e-02
## SPAC22A12.16	-2.913661e-02	2.071892e-02	-1.032908e-02	-6.999192e-03
## SPAC4C5.01	8.945614e-04	1.221268e-03	5.713266e-04	-1.638385e-03
## SPATRNAALA.02	1.484328e-03	-8.536498e-05	5.848322e-04	-1.615544e-04
## SPNCRNA.722	8.271126e-04	4.743286e-04	-5.084510e-05	-1.131899e-05
## SPAC4C5.04	-6.076702e-04	-5.635424e-04	8.813824e-04	-6.551101e-04
## SPNCRNA.723	6.262757e-04	-1.089477e-04	-2.585339e-05	-2.316792e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-6.879611e-03	-3.498990e-02	1.446608e-02	1.893614e-02
## SPAC10F6.04	2.642899e-03	3.606792e-04	7.387286e-04	-1.651775e-03
## SPAC10F6.06	1.749692e-03	-2.975009e-02	3.242101e-03	4.737235e-03
## SPAC10F6.07c	7.674915e-04	-2.172805e-04	-4.921883e-04	2.494809e-04
## SPNCRNA.554	1.655299e-04	-2.046360e-04	-1.845527e-04	6.161493e-05
## SPAC10F6.08c	6.967309e-05	-6.527461e-04	-3.768274e-04	-1.773615e-04
## SPAC10F6.09c	1.319241e-03	3.048202e-03	-2.570838e-03	-1.036527e-03
## SPAC10F6.11c	2.707239e-03	-1.031492e-04	-8.074897e-04	-2.879607e-04
## SPAC10F6.12c	-4.707633e-04	-6.136707e-04	1.413472e-03	1.428826e-03
## SPAC10F6.13c	-8.606598e-03	-6.372117e-03	-1.522182e-03	-3.731529e-05
## SPAC10F6.14c	-1.798425e-04	-1.065200e-03	-1.774485e-03	3.513340e-04
## SPNCRNA.82	-5.744586e-06	5.399235e-06	-2.334606e-05	3.752707e-05
## SPNCRNA.727	-7.359847e-05	-4.898530e-04	-6.409970e-05	1.621252e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-4.216244e-04	6.015391e-05	-5.196457e-04	-1.662141e-03
## SPNCRNA.729	1.135085e-05	1.236615e-05	-3.854701e-05	1.012800e-04
## SPAC10F6.16	4.525060e-03	-1.154851e-03	-1.029953e-04	3.871883e-03
## SPAC56E4.02c	6.107076e-04	-3.975840e-04	-2.969579e-04	-4.419677e-05
## SPAC56E4.04c	-7.508543e-02	-7.416059e-02	-2.944981e-02	1.094495e-02
## SPAC56E4.05	1.047068e-03	-3.580647e-03	1.915621e-03	5.579282e-05
## SPAC56E4.06c	1.515011e-03	-9.276834e-04	1.132216e-03	-4.656785e-04
## SPAC1420.01c	6.275111e-03	-3.019778e-04	-1.350483e-03	-2.966993e-03
## SPAPB17E12.04c	5.955038e-04	-5.322231e-04	-1.848133e-03	5.682251e-04
## SPAPB17E12.06	7.533470e-04	-2.599724e-04	3.961991e-04	-4.200301e-04
## SPAPB17E12.07c	2.762264e-04	-9.801467e-04	-4.916248e-04	-1.242622e-03
## SPAPB17E12.08	7.372122e-04	-8.915189e-04	8.144013e-04	-5.141844e-04
## SPAPB17E12.10c	3.699680e-04	6.787523e-04	-2.991412e-04	3.595266e-04
## SPAPB17E12.09	-1.209771e-05	-3.339452e-06	-1.726980e-05	-4.787698e-05
## SPAPB17E12.12c	1.675982e-05	-1.835771e-03	6.276508e-04	-5.983870e-05
## SPAPB17E12.14c	2.316549e-03	-5.038041e-04	1.720945e-03	-2.372634e-04

## SPAPB17E12.13	-7.622118e-05	-1.141017e-02	7.328341e-03	-4.727470e-03
## SPAC1565.01	2.523266e-03	-2.684533e-03	2.186891e-03	3.022693e-03
## SPAC1565.02c	9.301900e-04	6.107474e-04	-2.086661e-03	-3.558274e-04
## SPAC1565.04c	1.520320e-04	-3.646667e-04	-2.128880e-04	2.320556e-04
## SPNCRNA.169	1.825552e-05	2.117424e-05	-1.234998e-05	-3.381669e-05
## SPAC1565.08	-3.111868e-02	-3.878616e-02	9.237119e-03	-1.114537e-02
## SPAC6F12.02	3.323226e-03	1.044873e-03	1.800061e-03	-1.116539e-03
## SPAC6F12.03c	3.573816e-04	-3.428094e-04	-1.012260e-03	-1.787228e-03
## SPAC6F12.04	2.519898e-03	-4.542286e-03	1.488394e-03	3.140101e-03
## SPAC6F12.05c	-2.184205e-03	-2.119257e-03	8.534511e-04	1.551450e-03
## SPAC6F12.10c	-2.390438e-02	-2.660443e-03	1.337719e-02	-9.304935e-03
## SPNCRNA.734	-3.737245e-05	-9.232025e-06	-1.993048e-05	1.248957e-07
## SPAC6F12.11c	2.511381e-03	-7.520208e-04	-7.372550e-04	-5.582940e-04
## SPAC6F12.14	2.028505e-03	-2.994672e-03	1.545216e-03	5.850653e-04
## SPNCRNA.735	2.163327e-04	3.044560e-04	6.558250e-05	-1.690982e-04
## SPAC6F12.16c	-2.343500e-03	-4.519436e-03	-3.995691e-03	8.445510e-05
## SPAC6F12.17	5.422942e-03	7.766624e-04	1.403767e-04	-2.773584e-06
## SPNCRNA.736	1.177567e-03	-4.433227e-04	-3.421011e-04	-3.040515e-04
## SPNCRNA.737	-5.125230e-05	-1.495342e-04	-1.127172e-04	3.958108e-05
## SPAC57A10.02	3.814760e-03	-2.054283e-03	-2.755913e-04	-2.911399e-03
## SPNCRNA.739	-1.816642e-04	-1.125223e-04	-1.651955e-05	2.297383e-04
## SPAC57A10.04	1.286902e-04	-5.174069e-04	4.067404e-04	2.357053e-04
## SPAC57A10.14	1.145372e-03	-7.058139e-04	-4.929391e-05	-2.852428e-04
## SPAC57A10.10c	-3.348403e-03	3.191320e-03	-6.596578e-04	2.617792e-03
## SPAC57A10.11c	1.224292e-03	-2.322069e-03	-2.186583e-03	-1.005690e-03
## SPAC20G8.01	-4.162446e-04	3.225695e-04	-7.345604e-04	-1.770429e-03
## SPAC20G8.02	4.832837e-03	2.537690e-03	1.226157e-04	-1.631699e-04
## SPNCRNA.58	-9.100470e-05	-5.634622e-04	-5.830014e-04	-5.687442e-04
## SPAC20G8.03	4.587307e-04	2.921673e-03	-6.614715e-03	-5.634737e-03
## SPNCRNA.740	-3.184499e-04	2.544016e-04	7.866775e-04	4.260232e-04
## SPAC20G8.07c	1.954343e-04	7.297383e-04	2.231452e-03	5.089323e-03
## SPATRNCYS.01	3.960479e-03	1.887428e-03	2.834648e-03	2.782684e-04
## SPAC3A12.02	-6.207186e-05	-1.086108e-03	-5.236688e-04	-1.478455e-03
## SPAC3A12.03c	5.316634e-04	-2.164586e-03	1.447222e-03	1.932315e-04
## SPAC3A12.05c	2.231953e-03	-3.265807e-03	2.784053e-04	-6.073646e-04
## SPAC3A12.06c	3.073684e-03	1.209716e-03	-1.401182e-03	-1.802067e-03
## SPAC3A12.08	-1.107541e-05	7.224179e-05	-1.394055e-03	4.314311e-04
## SPAC3A12.09c	1.446061e-03	-2.232058e-04	1.384640e-03	5.887308e-04
## SPAC3A12.10	-3.460457e-03	-3.792079e-03	4.383187e-03	1.998924e-02
## SPAC3A12.12	2.488186e-04	1.835204e-04	5.634336e-04	2.764500e-04
## SPAC3A12.13c	3.915704e-03	1.273212e-03	2.926509e-03	3.272204e-03
## SPATRNCYS.03	1.946923e-03	-1.408319e-04	5.233235e-03	6.282626e-04
## SPAC3A12.16c	3.111782e-03	-2.249950e-03	2.834245e-03	1.108534e-03
## SPAC3A12.17c	9.060517e-04	-9.377849e-04	2.159250e-03	4.346740e-06
## SPAC9.02c	-1.248350e-03	-1.104014e-03	-3.908928e-04	-6.647321e-04
## SPAC9.04	2.362160e-05	2.190273e-05	-2.652935e-05	-5.337069e-05
## SPAC9.07c	6.621640e-03	-1.324448e-02	6.290179e-03	-3.378743e-03
## SPNCRNA.742	4.426082e-05	3.778670e-04	-5.368176e-04	-6.740886e-04
## SPATRNCYS.02	-1.233510e-02	-3.890170e-02	2.905343e-02	1.725511e-02
## SPAC9.11	6.895341e-04	-4.880567e-04	5.270849e-05	-2.061304e-04
## SPAC9.12c	9.628059e-04	9.550469e-04	9.829459e-04	-2.701937e-04
## SPAC9.13c	1.955173e-03	-5.065912e-04	5.223693e-04	-4.325121e-04
## SPAC5D6.13	-1.414166e-03	-1.036569e-03	7.455542e-04	-1.580428e-03
## SPAC5D6.08c	1.061455e-03	1.759692e-04	5.812628e-04	4.953417e-05

## SPAC5D6.06c	1.437449e-03	-4.353096e-04	1.001735e-03	1.033471e-03
## SPAC5D6.05	-2.047479e-03	-1.069526e-03	2.428176e-04	-8.229076e-05
## SPAC5D6.01	1.191449e-02	-4.009058e-03	3.079967e-04	7.374664e-03
## SPNCRNA.173	3.213611e-05	1.468009e-04	-3.592082e-05	3.338559e-05
## SPAC57A7.13	2.911454e-03	8.141338e-04	1.003495e-03	-1.040330e-03
## SPAC57A7.12	-3.252221e-02	-1.317521e-02	5.181979e-03	1.748863e-02
## SPAC57A7.11	7.624244e-03	5.081242e-04	4.721309e-04	-2.148386e-05
## SPAC57A7.09	1.258002e-03	9.694158e-04	-1.655500e-04	-1.234758e-03
## SPATRNALEU.01	5.290070e-03	-9.802135e-03	-2.885720e-04	2.916121e-03
## SPAC57A7.07c	2.054012e-03	3.730129e-04	1.650043e-03	-1.265698e-04
## SPNCRNA.744	1.546141e-05	1.265731e-04	-1.276270e-04	2.016201e-04
## SPAC57A7.05	-2.916935e-03	9.006468e-03	-2.713322e-03	4.387566e-03
## SPAC57A7.15c	-2.191190e-04	-7.426976e-04	-5.325707e-05	-3.420416e-05
## SPAC167.06c	2.147524e-03	-1.577171e-03	-5.709846e-04	2.374144e-04
## SPAC167.02	2.121566e-03	2.481451e-05	-6.026081e-04	8.528930e-04
## SPAC167.03c	-5.237002e-04	-1.935778e-03	1.596746e-05	-2.673448e-04
## SPAC167.01	3.137338e-03	-1.465739e-03	1.844545e-03	-2.943842e-03
## SPNCRNA.555	8.288039e-06	7.904580e-05	-5.640957e-05	-5.704940e-05
## SPRRNA.53	-3.236125e-02	-9.647325e-02	-2.207109e-01	-2.225643e-01
## SPAC1705.02	-3.142467e-04	-2.140443e-04	-4.266285e-04	5.923982e-04
## SPNCRNA.175	5.836327e-06	-8.183583e-05	-6.232211e-05	-6.505869e-05
## SPAC23H4.18c	-1.684172e-04	-2.590698e-03	-1.090400e-03	-2.386417e-05
## SPAC23H4.14	2.070211e-03	-8.611002e-04	-2.112094e-04	-2.842517e-04
## SPAC23H4.11c	3.392255e-04	-5.359746e-04	3.291796e-04	-4.137447e-04
## SPAC23H4.10c	-2.678304e-03	-6.400062e-04	-2.455647e-03	-1.718466e-03
## SPAC23H4.09	-1.283059e-03	-1.722997e-02	3.442134e-03	-3.803000e-03
## SPAC23H4.06	1.312481e-02	-1.843709e-03	-1.714235e-03	-8.387846e-03
## SPAC23H4.03c	4.297379e-03	-6.478585e-04	5.564700e-04	-1.799966e-04
## SPAC23H4.02	1.174069e-03	-4.612257e-04	-9.502834e-04	3.027310e-04
## SPAC23H4.01c	1.297713e-03	-6.381006e-04	5.506278e-04	7.598551e-04
## SPAP27G11.02	1.308368e-03	7.325643e-04	-1.512842e-03	1.076246e-03
## SPNCRNA.748	-4.951047e-05	2.409799e-05	8.976435e-05	-4.217373e-05
## SPAP27G11.04c	1.367377e-03	-2.281821e-03	-9.825883e-04	-4.839119e-04
## SPAP27G11.06c	-1.210651e-03	-1.875041e-03	-5.424695e-04	1.139847e-03
## SPAP27G11.07c	-1.036507e-03	-3.897782e-04	8.441048e-04	-5.059364e-04
## SPAP27G11.08c	-2.543018e-04	-1.656785e-04	-1.412131e-04	5.314669e-04
## SPAP27G11.10c	9.584502e-03	-5.454303e-03	3.001217e-03	7.710669e-05
## SPAP27G11.11c	-3.940144e-05	-3.038048e-05	-1.960246e-05	7.912857e-06
## SPNCRNA.750	1.703905e-04	-6.295296e-05	5.627956e-05	-4.927178e-05
## SPAP27G11.16	9.997141e-04	-6.915902e-04	-5.234543e-04	4.660940e-05
## SPAP27G11.12	5.890726e-03	1.964574e-03	2.733832e-03	-2.282402e-03
## SPAP27G11.13c	-2.849736e-03	-7.372670e-03	2.995058e-04	-3.178537e-04
## SPAC343.02	-1.037039e-04	-4.513322e-04	-6.764927e-04	1.254153e-03
## SPATRNAGLY.01	5.146805e-03	-2.636180e-03	6.303637e-03	-1.391876e-02
## SPNCRNA.751	7.188673e-05	8.060689e-05	-1.020581e-04	-1.527789e-04
## SPAC343.06c	1.909754e-03	-1.054608e-03	2.113946e-03	9.672444e-05
## SPAC343.09	-4.628118e-04	-5.727294e-03	2.411826e-03	-3.220854e-05
## SPNCRNA.753	-1.445698e-04	1.777692e-06	4.443625e-05	-1.828585e-05
## SPAC343.21	-1.311277e-04	4.013691e-04	-1.644521e-04	-1.921442e-04
## SPAC343.12	5.602218e-03	4.549166e-02	-7.328410e-03	2.056076e-02
## SPAC343.13	-1.018743e-03	1.346068e-03	-3.882457e-04	1.962786e-04
## SPAC343.14c	-1.661971e-03	-3.073137e-03	-5.384745e-04	9.234162e-04
## SPAC343.16	-9.315886e-03	6.968141e-03	8.298710e-03	-1.067861e-02
## SPAC343.18	-2.657513e-04	-2.098537e-03	2.297392e-03	3.282306e-04

## SPAC343.19	5.698364e-03	1.072135e-03	2.377242e-03	-1.331909e-03
## SPAC824.02	7.829095e-03	-1.974220e-03	-1.764714e-03	-2.563154e-03
## SPAC824.03c	1.302778e-03	-2.095371e-03	2.589365e-04	-8.050178e-04
## SPNCRNA.755	3.066618e-04	-6.244141e-05	5.535489e-05	3.761342e-05
## SPAC824.06	1.686359e-03	-9.507143e-04	-2.495505e-03	-5.022049e-04
## SPAC824.09c	1.387196e-03	-1.190437e-03	1.646318e-03	4.397569e-04
## SPNCRNA.177	3.584406e-05	1.156068e-04	-2.333536e-05	-1.610561e-04
## SPAC664.01c	1.423376e-03	2.502132e-03	-9.698924e-05	-1.692127e-03
## SPAC664.02c	-6.628805e-04	-2.762730e-03	-2.624326e-04	-1.123570e-03
## SPAC664.05	4.057367e-03	-4.775012e-03	5.201539e-03	-1.752645e-02
## SPNCRNA.756	6.404276e-04	5.744915e-04	3.287270e-04	-5.794176e-04
## SPAC664.06	-4.600644e-03	-1.004158e-02	1.646868e-03	-2.832188e-03
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	7.910378e-06	5.963489e-05	-1.811912e-04	-5.870216e-06
## SPAC664.13	1.411129e-04	-6.404580e-04	2.686170e-04	-7.256783e-04
## SPATRNLAYS.02	1.023140e-03	-2.864529e-05	3.027206e-04	1.267112e-03
## SPAC664.15	-2.311840e-05	7.494113e-04	-4.670786e-04	-1.333505e-03
## SPAC105.02c	2.129883e-03	-7.834566e-03	-1.276154e-03	7.986865e-04
## SPATRNLAYS.01	2.431891e-03	3.380833e-03	-4.819670e-03	7.682651e-03
## SPAC105.03c	2.916305e-03	-2.358650e-03	1.172529e-03	-1.826114e-03
## SPAC17A5.01	2.020744e-03	-1.389733e-03	5.659981e-05	-6.355890e-04
## SPNCRNA.759	8.946611e-05	3.318815e-05	2.603002e-04	4.159627e-04
## SPNCRNA.556	1.781683e-04	1.029800e-04	-1.406479e-04	-1.915285e-04
## SPAC17A5.05c	8.080577e-04	-3.581842e-04	-2.489038e-04	-5.819212e-04
## SPAC17A5.07c	1.572392e-03	-1.616991e-03	-2.377234e-03	-1.178960e-03
## SPAC17A5.09c	3.363065e-04	-2.220627e-03	-1.119912e-03	1.572425e-03
## SPATRNLAYS.01	-4.021966e-04	-1.077399e-03	-1.815397e-04	-8.072901e-04
## SPNCRNA.760	8.575320e-05	3.257863e-04	1.432077e-05	-3.634307e-04
## SPNCRNA.761	1.951422e-04	2.032008e-04	-1.364009e-04	-6.446276e-04
## SPAC17A5.13	-1.652684e-03	-4.123104e-04	5.191709e-04	-1.034651e-03
## SPAC17A5.15c	-1.441631e-02	-1.496520e-03	-3.035225e-03	1.181821e-02
## SPNCRNA.762	3.038519e-03	-1.286869e-03	-5.288503e-05	7.658281e-05
## SPAC1002.01	8.972810e-05	-2.124981e-04	-9.374304e-06	-3.027850e-04
## SPAC1002.06c	1.996387e-05	-6.829469e-05	-7.177234e-05	9.381146e-05
## SPAC1002.07c	-1.945292e-04	-2.366448e-04	-1.504874e-03	-3.238248e-03
## SPAC1002.08c	2.636760e-03	-1.831739e-03	1.155346e-03	4.995117e-04
## SPNCRNA.763	-4.341019e-05	2.463729e-04	-4.950741e-04	-1.055866e-03
## SPAC1002.10c	6.655822e-04	-3.135596e-04	4.497861e-04	-6.665471e-04
## SPAC1002.11	3.351846e-03	-9.467523e-05	3.255387e-03	4.386637e-04
## SPAC1002.13c	7.461429e-02	-2.382844e-02	3.146441e-02	-3.097129e-02
## SPAC1002.15c	-1.843499e-04	-6.803198e-04	-3.255949e-04	-1.457829e-03
## SPAC1002.14	-4.583636e-03	-3.782748e-03	-1.005864e-03	-1.626098e-03
## SPAC1002.16c	-1.498870e-04	-1.990659e-04	-5.256228e-04	-3.390113e-04
## SPAC1002.17c	9.711101e-03	-1.659166e-02	-3.453317e-03	-1.216365e-02
## SPAC1002.18	6.252822e-03	-1.267035e-02	1.122320e-03	-8.363616e-03
## SPAC1399.05c	1.143604e-03	3.272696e-05	-3.491218e-04	-1.770017e-03
## SPNCRNA.764	1.951927e-04	-1.082796e-04	8.977812e-05	-1.862075e-04
## SPNCRNA.178	2.543000e-04	2.964668e-04	-1.762476e-04	-1.901815e-04
## SPAC1399.02	2.645394e-03	-6.789195e-04	-2.910286e-05	-1.279266e-03
## SPAC1399.06	4.166003e-04	1.359512e-04	-3.998064e-04	-1.142469e-04
## SPAP11E10.01	1.541545e-03	-1.676021e-03	-3.960815e-04	9.343831e-04
## SPAPB1A10.03	-1.089601e-03	9.440235e-05	-2.150410e-05	-2.065972e-04
## SPAPB1A10.16	-2.273432e-04	-1.525303e-04	-4.258442e-04	5.939671e-04
## SPAPB1A10.04c	-1.207836e-03	-1.746949e-03	3.511591e-04	-4.704336e-04

## SPNCRNA.765	3.306773e-04	-6.742344e-04	4.212192e-04	2.152792e-04
## SPAPB1A10.05	1.162207e-03	-1.000872e-03	8.992389e-04	-9.674586e-04
## SPNCRNA.766	7.545811e-04	1.352980e-04	1.147087e-04	-3.270099e-04
## SPAPB1A10.09	1.477922e-03	5.151515e-06	-1.488208e-03	-2.762606e-03
## SPAPB1A10.13	1.160590e-03	-3.306400e-04	-2.483280e-03	-3.348050e-04
## SPAPB1A10.14	7.094939e-04	6.979445e-04	-1.376380e-04	-2.356241e-04
## SPAPB1A10.15	2.158751e-04	6.891521e-04	3.390132e-04	-9.280736e-04
## SPAC140.01	8.269262e-05	3.204285e-03	-9.124993e-03	-4.014469e-03
## SPAC140.03	3.569194e-04	9.370289e-04	1.608434e-04	-1.005494e-03
## SPNCRNA.182	6.155135e-06	8.596286e-06	2.695070e-06	3.009189e-07
## SPNCRNA.772	4.646038e-04	4.802495e-04	-2.061458e-04	-4.884322e-05
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	1.872467e-04	-2.235793e-05	-9.001813e-05	-2.533207e-04
## SPAC110.01	9.151498e-03	3.691223e-03	1.333635e-03	1.979331e-03
## SPAC110.03	2.116482e-03	-4.700516e-03	-2.060607e-04	2.835436e-03
## SPNCRNA.774	-6.571850e-05	-4.516094e-04	5.808380e-04	-4.912005e-05
## SPAC3H1.01c	4.095741e-03	-2.963040e-03	7.000974e-04	4.788414e-04
## SPAC3H1.02c	3.448095e-03	-1.513809e-03	-2.391224e-03	-1.265449e-03
## SPAC3H1.04c	2.421871e-03	-1.868112e-03	5.668552e-05	-2.860791e-03
## SPAC3H1.05	8.237624e-03	-3.054609e-03	7.339843e-04	-3.145544e-03
## SPAC3H1.06c	4.180413e-03	1.969612e-03	7.791991e-04	-3.189649e-03
## SPAC3H1.07	-3.631674e-03	3.971541e-03	2.883711e-02	-5.568397e-03
## SPAC3H1.09c	-3.213620e-04	4.660123e-04	-5.529313e-04	-3.648248e-05
## SPNCRNA.777	1.918019e-04	4.486566e-04	-4.161717e-05	6.676849e-05
## SPNCRNA.781	2.603312e-04	5.969969e-04	-1.708311e-04	-6.836472e-04
## SPNCRNA.783	-1.790722e-04	3.056266e-04	-3.632831e-04	-5.666589e-04
## SPNCRNA.784	2.220163e-05	2.792468e-04	-4.145642e-05	-1.672812e-04
## SPAC3H1.12c	2.208603e-03	-7.198963e-04	-6.150637e-04	1.958735e-04
## SPAC3H1.13	-8.892690e-04	8.550685e-04	6.271787e-04	-2.394129e-04
## SPNCRNA.530	-2.398614e-03	-3.804784e-03	3.833223e-03	1.257639e-02
## SPAC9G1.14	-2.923411e-05	1.378342e-04	-1.479503e-04	-2.099830e-04
## SPAC9G1.02	1.582617e-02	-5.716653e-03	1.099206e-03	-6.719420e-03
## SPAC9G1.03c	-2.387513e-03	3.032893e-03	6.498495e-03	1.690869e-02
## SPAC9G1.04	1.736892e-03	6.247477e-04	3.036183e-03	1.644859e-03
## SPAC9G1.08c	9.194040e-04	3.642237e-04	-3.079054e-04	5.542083e-05
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	-9.025778e-04	-4.182720e-04	9.451364e-05	-6.094343e-04
## SPAC9G1.10c	1.622297e-03	-8.398507e-04	-2.812863e-03	-7.120079e-04
## SPAC9G1.13c	-4.805577e-04	-7.571707e-04	7.446361e-04	-4.978980e-04
## SPNCRNA.785	4.509120e-04	-5.189961e-04	3.510490e-04	-4.078878e-04
## SPAC17H9.02	2.503450e-03	6.529007e-04	-1.935001e-03	-1.081369e-03
## SPAC17H9.03c	4.550696e-04	-8.699489e-04	-1.011612e-03	-5.696188e-04
## SPAC17H9.04c	-3.020481e-03	-6.409290e-03	3.692614e-03	-1.582672e-03
## SPNCRNA.787	-4.431373e-05	-1.813856e-06	2.850777e-05	-6.427213e-06
## SPAC17H9.09c	-1.441478e-05	5.828927e-04	-1.207069e-04	2.123408e-03
## SPAC17H9.10c	4.685721e-03	-3.377601e-03	5.760787e-04	2.042477e-03
## SPAC17H9.12c	-1.285156e-03	-1.874806e-03	-1.399747e-03	-1.746371e-03
## SPAC17H9.13c	-3.056940e-04	-1.769747e-03	3.650951e-03	7.106219e-04
## SPAC17H9.14c	7.992201e-03	-1.495325e-02	-4.624465e-03	-2.312911e-03
## SPNCRNA.184	1.769186e-04	-9.072248e-05	1.283507e-04	-1.307271e-04
## SPAC17H9.16	2.262250e-03	-6.183899e-03	1.580862e-03	-5.261365e-04
## SPAC17H9.17c	3.144029e-04	-6.470614e-05	-7.468178e-04	-4.488441e-04
## SPAC17H9.20	2.993270e-03	-1.039349e-03	-6.170302e-04	5.769354e-04
## SPAC607.03c	-6.227999e-03	-1.416184e-02	1.334035e-03	1.335903e-02

## SPNCRNA.185	1.733720e-05	6.051527e-05	3.468496e-05	-6.165164e-05
## SPAC607.04	1.737047e-04	2.058750e-04	-1.070532e-03	-1.708321e-03
## SPAC607.05	-3.839445e-03	-7.772521e-03	1.450079e-03	3.718087e-03
## SPAC607.06c	3.606940e-04	-5.449587e-04	1.735251e-03	2.951154e-06
## SPAC607.09c	1.107412e-03	-1.016394e-03	1.448403e-03	2.297699e-04
## SPAC732.01	8.839841e-05	-1.715653e-03	9.096092e-04	1.234618e-03
## SPAC732.02c	-5.499055e-04	-2.440457e-03	-1.338846e-03	-1.657788e-03
## SPAC3C7.02c	2.232201e-03	-3.679883e-04	1.401562e-03	-8.812761e-04
## SPNCRNA.791	5.519747e-05	-1.261641e-04	1.863338e-05	-8.253962e-06
## SPAC3C7.08c	-5.501367e-03	-5.560875e-03	-9.010885e-04	1.009461e-04
## SPAC3C7.09	-3.964192e-04	4.927324e-04	-4.534386e-04	-2.719098e-04
## SPNCRNA.793	1.028302e-04	3.139230e-04	-6.233365e-04	-2.094999e-05
## SPNCRNA.794	-3.166702e-05	-8.232928e-05	-6.107854e-04	-3.663045e-04
## SPAC25A8.03c	9.539243e-04	-3.439431e-04	-7.857456e-05	-1.187039e-03
## SPAC25A8.02	5.938650e-04	-5.200829e-04	3.535882e-04	1.882655e-04
## SPAC631.02	-1.248971e-02	-4.396312e-03	-4.781074e-03	6.895752e-03
## SPAC20H4.02	5.276538e-04	-2.349920e-03	3.278229e-03	-6.838780e-04
## SPAC20H4.03c	4.354446e-03	1.465416e-04	4.328206e-04	-8.576170e-04
## SPAC20H4.04	2.048653e-03	-7.972919e-04	-2.224439e-04	-5.570765e-04
## SPAC20H4.08	7.046114e-04	-6.081630e-04	2.787002e-03	-4.338275e-04
## SPAC20H4.09	-2.273146e-05	-8.288996e-04	2.136717e-03	1.433878e-03
## SPNCRNA.797	1.423673e-04	-2.303752e-04	-1.826943e-04	1.663607e-04
## SPAC20H4.10	2.701318e-04	-6.808334e-03	-3.962752e-03	-6.649143e-04
## SPAC23C11.01	3.487667e-03	1.282737e-03	2.885915e-03	-9.647118e-04
## SPAC23C11.03	2.365363e-03	1.786390e-04	9.928422e-04	-2.774129e-03
## SPAC23C11.04c	1.277629e-03	-9.063769e-04	-5.286910e-04	-4.037037e-04
## SPAC23C11.05	-1.747010e-02	-7.178810e-03	3.099211e-03	-5.034046e-03
## SPAC23C11.08	5.271728e-04	-8.210221e-04	-1.020564e-04	-8.097555e-04
## SPNCRNA.799	3.635402e-05	5.371664e-05	-2.729133e-04	-1.697034e-04
## SPAC23C11.09	-1.462208e-02	-1.490948e-02	-1.282273e-03	2.927649e-03
## SPAC23C11.10	-1.941778e-04	-3.301877e-04	-3.818481e-05	3.332062e-04
## SPAC23C11.11	9.856481e-05	-3.815183e-03	-3.060166e-05	-1.396387e-03
## SPNCRNA.800	8.070545e-04	6.507717e-04	3.758530e-04	-5.613434e-04
## SPAC23C11.14	6.125295e-03	-1.291069e-03	1.547484e-02	-5.184464e-04
## SPAC23C11.15	3.735333e-03	-1.214160e-03	-3.429855e-04	1.445016e-04
## SPAC23C11.17	-2.622787e-03	-5.776796e-03	-5.969635e-03	-1.450368e-03
## SPAC13F5.01c	2.652320e-03	-2.033924e-04	7.889098e-05	-2.191224e-03
## SPAC13F5.02c	-1.122466e-03	6.266913e-04	3.856130e-04	-1.420925e-03
## SPNCRNA.801	4.967500e-05	-2.783729e-04	3.913520e-04	1.361776e-04
## SPAC13F5.06c	4.392887e-03	-2.981064e-04	1.378614e-03	-7.976194e-04
## SPNCRNA.802	1.966296e-04	8.066068e-05	-1.290463e-04	-4.564233e-04
## SPAC13F5.07c	-3.519628e-04	-7.955097e-04	1.176072e-04	-1.073294e-04
## SPAC1783.02c	-1.112591e-04	-2.911641e-04	8.924405e-04	-8.653491e-04
## SPAC1783.04c	3.116507e-03	-1.465532e-03	-1.039725e-03	6.950006e-04
## SPNCRNA.803	2.018693e-04	-2.168997e-04	-1.504811e-04	-1.791565e-04
## SPAC1783.06c	-5.062360e-05	-6.345540e-05	-6.300732e-04	-7.491775e-04
## SPNCRNA.804	-1.631478e-04	-1.825365e-04	2.557910e-04	1.664931e-05
## SPAC1783.07c	9.011411e-03	-2.109873e-03	6.562955e-03	-3.348682e-03
## SPAC1783.08c	-9.396983e-03	-4.470845e-03	6.484721e-03	2.367065e-02
## SPAC1327.01c	6.637971e-03	-3.361965e-04	3.834205e-04	-1.160721e-03
## SPAC18G6.01c	1.264604e-04	-1.883019e-03	6.541841e-06	4.838238e-04
## SPAC18G6.02c	2.548942e-03	-9.700953e-04	-1.247002e-03	1.449769e-04
## SPATRNAVAL.03	1.368929e-02	-1.162354e-03	5.314845e-03	1.070753e-03
## SPAC18G6.04c	-6.306486e-03	2.583527e-03	-2.840399e-03	-3.126143e-03

## SPAC18G6.05c	-9.441577e-04	-4.908835e-03	-3.081492e-03	-7.572847e-03
## SPAC18G6.06	2.942425e-03	4.399967e-04	-2.465868e-04	-1.399529e-03
## SPAC18G6.07c	-2.546155e-03	-7.527400e-03	1.553161e-03	-2.170481e-03
## SPAC18G6.09c	2.554048e-03	-3.392331e-04	-3.949386e-05	-2.433601e-03
## SPAC18G6.10	1.537300e-03	5.726190e-04	6.397794e-04	8.159826e-05
## SPAC18G6.11c	4.411796e-03	-7.396329e-03	7.565680e-03	-2.224350e-03
## SPAC18G6.12c	7.311073e-04	-3.005829e-04	6.148287e-04	-1.034539e-03
## SPNCRNA.806	1.241381e-04	3.821441e-04	-6.986534e-05	-4.375548e-04
## SPAC18G6.13	2.447674e-04	-3.434459e-04	4.572357e-04	5.459675e-04
## SPAC18G6.14c	1.865205e-02	5.804689e-04	1.990458e-02	-1.136190e-02
## SPAC13D6.02c	7.904136e-04	-1.446012e-03	7.043529e-03	7.797143e-04
## SPNCRNA.189	-7.402291e-06	-2.979307e-04	-6.840869e-05	2.466735e-04
## SPATRNAGLY.02	8.429069e-04	-1.189805e-03	3.007410e-03	-4.680309e-03
## SPAC13D6.04c	7.569879e-05	-7.070207e-04	-4.465147e-04	4.227414e-04
## SPAC13D6.05	3.901637e-04	1.972467e-04	-2.078587e-04	1.582255e-03
## SPAC4G9.02	7.117170e-04	-2.281939e-04	7.301402e-04	-1.532123e-03
## SPAC4G9.07	3.572025e-04	-2.875790e-04	-1.010390e-04	1.685118e-04
## SPAC4G9.08c	-5.345540e-03	-3.378665e-03	-1.318752e-03	-1.128299e-03
## SPAC4G9.13c	1.292175e-03	-1.077475e-03	-1.119341e-03	1.736224e-04
## SPAC4G9.16c	-2.452653e-02	-2.451683e-02	1.525534e-03	1.404734e-02
## SPAC4G9.17c	-4.204110e-04	-1.431562e-03	-9.448391e-04	1.038136e-03
## SPAC4G9.22	-7.716709e-03	-2.890364e-03	-1.473739e-03	8.239863e-04
## SPNCRNA.811	-3.164631e-06	3.989001e-05	2.135714e-04	-8.737139e-06
## SPNCRNA.190	6.083448e-05	-8.012132e-05	4.996961e-04	6.113347e-05
## SPAC13G7.07	-1.900235e-04	-2.992321e-04	2.801085e-04	-3.068538e-04
## SPAC13G7.08c	-3.945071e-03	-2.041905e-03	4.077654e-03	1.331274e-04
## SPAC13G7.09c	2.144131e-03	-6.171425e-05	-8.937405e-04	5.994296e-04
## SPAC13G7.11	5.129276e-04	-7.974799e-04	1.534661e-03	-2.442802e-03
## SPAC6C3.02c	2.344476e-03	5.274354e-03	1.657119e-03	2.830849e-03
## SPAC6C3.04	1.441729e-03	3.598852e-04	-1.058534e-03	-9.135762e-03
## SPNCRNA.814	2.217402e-04	-2.125001e-04	-1.928065e-05	3.011324e-04
## SPAC6C3.06c	3.957240e-03	1.907240e-03	4.090523e-03	-1.952284e-04
## SPAC6C3.07	1.990156e-04	8.115873e-06	8.893089e-05	-7.670525e-05
## SPAC17G8.01c	1.624084e-03	-2.900289e-04	-7.893735e-04	-6.705092e-04
## SPAC17G8.02	-2.645645e-04	-2.393797e-03	-8.400109e-05	-8.466276e-04
## SPAC17G8.05	8.015826e-04	-4.564324e-04	-3.371176e-04	-2.026139e-04
## SPAC17G8.07	2.939775e-04	3.136014e-03	8.192506e-04	-2.412234e-04
## SPAC17G8.09	1.232822e-04	-9.597475e-05	8.103056e-05	-2.791022e-05
## SPAC17G8.10c	1.267215e-03	-1.305995e-04	5.619758e-04	-1.313016e-03
## SPNCRNA.817	5.944772e-05	7.844646e-05	-6.584779e-05	3.295676e-05
## SPAC17G8.12	1.238202e-03	-3.076194e-03	1.942087e-03	-7.031541e-04
## SPNCRNA.192	-1.008944e-04	-6.540332e-05	7.471805e-05	9.564980e-06
## SPNCRNA.819	-2.089534e-04	2.928327e-05	-1.672589e-04	-3.182506e-04
## SPAC22H10.03c	-2.697375e-03	-4.124215e-03	2.345714e-03	3.483372e-04
## SPNCRNA.821	-6.058706e-05	4.690101e-05	-3.890387e-05	1.899343e-04
## SPAC22H10.13	2.338158e-03	-6.289185e-04	-4.573661e-03	-2.529920e-04
## SPAC22H10.09	2.960164e-03	-1.612144e-03	3.346625e-04	-1.976554e-03
## SPAC22H10.10	-1.234325e-04	1.061770e-03	3.731384e-04	-4.185761e-04
## SPAC15F9.02	-1.267282e-08	1.809949e-03	-2.377592e-03	-1.943972e-03
## SPAC15F9.03c	-7.686050e-04	-4.121676e-03	-1.105823e-03	-4.271968e-04
## SPAC1B9.02c	-1.647078e-03	-1.230818e-03	-4.233723e-03	5.384233e-04
## SPAC1B9.03c	-8.442883e-03	-5.015215e-03	-4.197885e-04	-1.968830e-03
## SPAC6B12.03c	5.923279e-04	-8.245100e-04	1.492161e-04	2.915842e-04
## SPAC6B12.18	1.523805e-03	-2.384726e-04	-7.119401e-04	-1.924338e-03

## SPAC6B12.07c	-3.692348e-03	-3.405563e-03	-2.538845e-03	-1.500914e-03
## SPAC6B12.08	7.247774e-04	6.958989e-04	3.933064e-04	-7.452228e-04
## SPAC6B12.13	1.049276e-03	-1.603228e-03	-1.627714e-03	-1.327906e-03
## SPNCRNA.195	-6.429760e-05	-1.599943e-05	-3.990382e-05	-6.509935e-05
## SPAC6B12.15	1.549812e-02	-2.891616e-02	3.338406e-02	-5.050660e-03
## SPATRNALYS.03	3.215643e-03	-1.367890e-03	1.551519e-03	-8.549764e-04
## SPAC32A11.02c	-3.149176e-02	1.045582e-02	-2.484175e-02	2.467663e-02
## SPNCRNA.828	-1.281599e-03	-1.299600e-03	4.067299e-04	1.174164e-04
## SPNCRNA.829	7.692141e-07	1.938640e-04	-2.464367e-04	-4.763423e-04
## SPAC19A8.13	-8.709282e-04	-1.041468e-04	1.564586e-03	-4.567795e-04
## SPAC19A8.12	1.901124e-03	-1.244575e-03	-1.227746e-03	2.358339e-04
## SPAC19A8.11c	-5.367766e-04	-2.326943e-03	6.995445e-04	-5.496226e-04
## SPAC19A8.10	9.433293e-04	-2.010152e-03	1.319901e-03	9.046154e-04
## SPAC19A8.09	-4.424302e-06	-4.729420e-04	1.112843e-03	-7.575720e-04
## SPAC19A8.08	3.843329e-03	1.245903e-03	-1.814745e-03	-7.495990e-04
## SPNCRNA.286	-7.331892e-05	-1.084703e-04	7.581450e-06	5.566386e-06
## SPAC19A8.07c	3.328087e-03	-2.466748e-03	-1.534399e-04	2.502387e-03
## SPAC19A8.05c	-5.294162e-04	9.344814e-04	1.280156e-03	3.598070e-04
## SPAC19A8.04	-6.327826e-03	-1.205012e-03	5.631977e-04	-4.907860e-03
## SPAC19A8.03	1.354975e-03	1.763004e-04	7.352453e-04	-4.203160e-04
## SPAC19A8.02	3.851990e-03	1.162351e-03	-3.794008e-03	-1.742107e-03
## SPAC19A8.01c	2.767458e-03	-7.235696e-04	-1.679926e-03	-2.216939e-03
## SPAC23H3.04	5.270416e-04	-7.696316e-05	1.190869e-04	7.789272e-04
## SPAC23H3.05c	1.657002e-03	7.183266e-05	2.945909e-04	-9.691574e-04
## SPAC23H3.06	2.669618e-03	-2.639059e-03	-1.522496e-04	9.240893e-04
## SPAC23H3.08c	1.376226e-03	-4.945026e-04	-1.287160e-03	-7.895447e-04
## SPAC23H3.13c	2.427471e-03	2.419795e-03	-1.995992e-03	-1.006598e-03
## SPNCRNA.197	4.565876e-05	-1.784065e-05	2.183816e-05	-4.607579e-07
## SPNCRNA.831	4.826582e-06	9.704600e-07	-3.132821e-05	-4.731966e-06
## SPAC23H3.15c	7.651696e-02	1.502790e-02	-3.057261e-02	-1.464996e-02
## SPNCRNA.833	3.988022e-05	-6.034529e-06	-7.364732e-05	2.151600e-04
## SPAC25H1.04	-7.778600e-04	-3.507255e-04	-8.368385e-04	1.958706e-03
## SPAC25H1.05	2.629846e-03	-6.740617e-04	3.378801e-03	5.574469e-04
## SPAC25H1.06	1.484459e-03	-1.405486e-04	3.097253e-03	1.221723e-03
## SPAC25H1.07	-1.011278e-03	-7.225528e-03	6.147981e-03	7.042346e-03
## SPAC25H1.08c	-2.131586e-03	3.981423e-03	-4.797756e-03	5.996924e-04
## SPAC4A8.04	2.830712e-03	8.345063e-03	-2.649260e-03	3.536784e-03
## SPAC4A8.05c	1.118228e-02	3.071000e-03	-1.814192e-03	4.452220e-04
## SPNCRNA.836	8.501752e-04	-2.911821e-04	-1.931526e-03	5.484300e-04
## SPNCRNA.837	-5.279523e-04	5.818233e-04	2.702884e-04	4.863226e-04
## SPAC4A8.07c	4.443014e-03	2.586395e-03	2.445875e-03	-1.872737e-03
## SPAC4A8.08c	3.421895e-03	2.121190e-03	-2.903507e-03	6.665015e-04
## SPNCRNA.838	2.244650e-04	-1.678215e-04	1.949600e-04	-9.112739e-04
## SPSNRNA.06	2.248595e-02	-1.766641e-03	-1.150105e-02	-3.157253e-02
## SPAC4A8.10	3.121897e-03	-3.637197e-03	-1.021890e-03	-4.899676e-03
## SPNCRNA.839	3.524785e-04	-5.222336e-05	-2.472007e-04	1.960280e-04
## SPAC4A8.12c	3.858892e-05	-1.184306e-03	-6.934261e-05	6.396777e-04
## SPAC4A8.14	3.394338e-04	-5.188508e-03	5.672058e-04	5.367635e-04
## SPATRNAILE.02	1.032122e-02	-1.758824e-02	-4.689658e-03	1.983378e-02
## SPAC823.03	-1.600806e-03	7.933846e-04	-2.460781e-03	-4.222285e-03
## SPAC823.07	1.381232e-03	-1.878016e-03	1.407136e-04	-1.301725e-03
## SPNCRNA.199	-1.868904e-04	-2.713953e-05	-8.354198e-05	-3.206010e-04
## SPAC823.11	-1.080074e-03	-4.867907e-03	3.744853e-03	1.284016e-03
## SPAC823.12	-1.073971e-03	-3.316704e-03	5.991272e-03	6.839971e-04

## SPAC823.13c	1.453805e-03	1.247598e-03	-4.258861e-04	-2.662646e-03
## SPAC823.14	-3.744359e-03	-2.579579e-03	-1.208781e-03	6.647573e-04
## SPNCRNA.841	2.770474e-04	-3.755406e-05	6.497618e-04	4.289412e-04
## SPAC823.16c	-4.358342e-04	-7.294910e-04	-6.285289e-04	-1.854786e-04
## SPAC7D4.14c	2.509377e-03	-6.112181e-04	-4.178018e-05	-1.782827e-03
## SPAC7D4.11c	2.718463e-03	6.268306e-04	-1.148087e-03	-1.374219e-04
## SPAC7D4.09c	7.288646e-04	2.983153e-04	1.507620e-03	2.131398e-04
## SPAC7D4.08	-1.422414e-04	1.191635e-04	-1.235267e-04	-1.370373e-04
## SPAC7D4.06c	2.676430e-03	-2.879049e-04	8.118663e-05	-1.827657e-03
## SPAC7D4.04	5.560746e-03	1.666582e-03	1.665209e-03	-1.889463e-03
## SPAC7D4.03c	2.472616e-03	-1.691619e-03	-7.879780e-04	2.915933e-03
## SPAC4F8.15	1.809554e-03	2.071591e-03	-1.847534e-03	-2.696359e-03
## SPAC4F8.14c	-6.060935e-03	-3.259108e-03	-7.752919e-03	-4.625260e-03
## SPNCRNA.843	8.840514e-05	-1.554226e-04	1.518802e-06	-3.803427e-05
## SPAC4F8.12c	1.349427e-02	-1.064267e-02	-2.625801e-03	-3.287575e-05
## SPNCRNA.326	-1.025206e-05	3.988122e-05	2.740074e-05	2.775456e-05
## SPAC4F8.10c	1.122125e-03	-2.432289e-03	-2.434745e-03	1.943681e-04
## SPNCRNA.200	1.355848e-05	-7.351584e-06	4.112747e-05	6.846514e-05
## SPAC4F8.07c	1.957261e-04	-2.457643e-03	-2.871485e-03	4.857308e-03
## SPAC4F8.03	1.311907e-03	-1.768249e-03	-6.067145e-04	-9.437550e-04
## SPAC4F8.02c	2.263010e-03	-7.643645e-04	-1.440023e-03	-6.908688e-04
## SPAC4F8.01	5.428769e-05	-3.570106e-04	1.855934e-05	1.589485e-04
## SPAC644.04	3.713607e-03	6.121175e-04	-5.503442e-04	-4.258866e-04
## SPAC644.05c	-2.919153e-03	1.420118e-03	-1.603484e-03	3.434838e-03
## SPAC644.08	-1.008879e-03	-2.124590e-03	-2.738720e-04	1.355315e-04
## SPAC644.11c	2.387801e-03	4.960814e-04	2.235796e-03	1.271913e-03
## SPNCRNA.202	1.347127e-05	-1.289192e-05	-3.733298e-05	-9.592376e-06
## SPAC644.14c	1.847711e-03	-1.065359e-03	4.207275e-04	7.026461e-04
## SPAC644.15	-1.432270e-03	3.049002e-02	1.259881e-02	-3.769655e-03
## SPAC644.16	-1.465022e-03	-1.089122e-03	1.737626e-03	-3.184135e-03
## SPNCRNA.845	-7.644560e-05	-1.838923e-05	-3.897353e-05	-1.637326e-04
## SPAPB2B4.02	1.648847e-03	-1.647165e-03	-4.078399e-03	-3.256037e-03
## SPAPB2B4.03	7.895133e-03	3.780196e-03	5.793498e-03	1.175843e-03
## SPAPB2B4.04c	3.248479e-03	4.822783e-03	-6.183515e-03	2.968674e-03
## SPAC6F6.02c	1.104741e-03	-8.571547e-04	5.791873e-04	-8.652765e-04
## SPAC6F6.03c	5.497860e-03	-1.207965e-02	-4.602496e-04	-6.219985e-03
## SPAC6F6.04c	1.594462e-03	1.231142e-03	1.252649e-03	-7.875768e-04
## SPNCRNA.848	7.785693e-05	-4.967535e-05	-3.509342e-04	-2.933985e-04
## SPAC6F6.08c	7.029773e-05	-8.577753e-04	3.221029e-04	-1.523728e-04
## SPAC6F6.09	3.738149e-04	-1.203061e-03	-1.749869e-04	-1.304643e-03
## SPAC6F6.10c	-6.623861e-04	-9.651510e-04	-3.858783e-03	2.427334e-03
## SPAC6F6.11c	-3.515159e-04	-7.130629e-05	7.028366e-04	6.912504e-04
## SPNCRNA.849	6.673017e-04	-1.476651e-04	-2.189859e-04	5.265798e-05
## SPAC6F6.13c	3.118808e-03	2.779046e-03	9.465479e-04	8.357922e-05
## SPAC6F6.17	5.980132e-03	-1.359611e-03	1.950758e-03	-3.619391e-04
## SPNCRNA.852	-5.665614e-05	-1.136380e-04	1.157499e-06	3.753514e-05
## SPAC1805.03c	2.726247e-04	5.969093e-04	6.339780e-04	-8.574754e-05
## SPAC1805.04	4.257836e-03	-5.142103e-03	1.875675e-04	1.270821e-03
## SPAC1805.05	5.503641e-03	-4.662568e-03	-2.760997e-03	1.042558e-03
## SPSNORNA.52	1.290068e-03	-1.080090e-03	5.605607e-03	2.851565e-03
## SPAC1805.11c	-1.539900e-03	-7.084180e-03	6.935130e-03	-1.072379e-02
## SPAC1805.14	5.372285e-03	1.039909e-03	1.858512e-03	-2.159509e-03
## SPAC1805.15c	7.831468e-04	4.355557e-05	-4.789128e-04	-1.756506e-04
## SPAC1805.16c	2.893333e-03	-2.043038e-04	1.080577e-03	-1.228536e-03

## SPNCRNA.208	1.249290e-05	1.334571e-05	6.071188e-06	-2.120995e-05
## SPAC1805.17	6.887916e-03	-1.185261e-02	9.459344e-04	-5.565924e-03
## SPAC1B2.06	1.029511e-04	-2.924235e-04	4.248355e-04	7.731708e-05
## SPAC3F10.02c	7.792210e-03	-5.701339e-05	1.467583e-03	-3.103760e-03
## SPAC3F10.05c	3.013269e-03	-6.465760e-04	-1.545158e-03	-3.253619e-03
## SPAC3F10.07c	3.106385e-04	1.229084e-04	-1.685092e-04	-6.018119e-05
## SPAC3F10.19	9.747573e-04	-2.041780e-03	2.272549e-04	-1.343139e-03
## SPAC3F10.08c	-1.810644e-03	-1.252285e-03	-8.006655e-04	6.614791e-04
## SPAC3F10.10c	1.510961e-04	5.857706e-05	1.092124e-04	1.797879e-04
## SPAC3F10.12c	4.410532e-03	-1.277474e-03	1.956187e-03	-2.271561e-03
## SPAC8F11.02c	2.745127e-03	-2.760424e-03	-8.489447e-05	-2.285970e-04
## SPAC8F11.05c	4.251900e-05	-1.420896e-04	-6.218013e-05	4.138237e-06
## SPAC8F11.06	4.638233e-04	-8.137801e-04	-1.613187e-04	7.816094e-04
## SPAC8F11.07c	1.139747e-03	-5.620291e-04	1.692816e-03	-2.663101e-04
## SPAC8F11.10c	1.463040e-02	-5.376556e-03	7.770055e-03	5.957104e-04
## SPACUNK4.13c	-9.610913e-04	-1.787156e-04	8.793219e-05	2.194714e-04
## SPACUNK4.10	-7.383558e-04	3.192076e-03	-4.735250e-03	1.931451e-04
## SPNCRNA.858	1.599304e-04	-2.223980e-04	-6.452328e-05	2.793885e-06
## SPACUNK4.07c	-9.387620e-04	-4.363373e-03	-3.634079e-03	-2.402563e-03
## SPACUNK4.06c	9.776211e-04	-2.053066e-03	3.562391e-03	-5.646529e-04
## SPAC513.01c	-1.355228e-03	-9.750978e-03	1.045766e-03	2.061047e-03
## SPAC513.02	-2.397616e-04	1.451437e-03	-1.327443e-03	3.166996e-03
## SPAC513.03	-1.523088e-03	1.056233e-03	1.048350e-04	1.204660e-03
## SPAC513.05	2.537354e-03	8.504506e-04	-5.882174e-03	2.812144e-04
## SPAC2E1P3.01	6.744338e-04	-1.414301e-03	-2.353253e-04	1.973390e-03
## SPNCRNA.859	-8.843978e-05	1.775753e-05	-4.438613e-04	3.636006e-04
## SPAC2E1P3.04	-1.164124e-03	-2.000308e-04	-3.728106e-03	-1.089208e-03
## SPAPB2C8.01	3.387640e-03	3.372522e-03	2.111173e-03	-1.016341e-03
## SPNCRNA.864	2.318576e-04	1.842754e-04	5.512835e-04	4.241910e-04
## SPAPB24D3.05c	6.265174e-05	-1.938027e-04	-9.417411e-05	1.345365e-04
## SPAPB24D3.06c	1.277044e-04	8.122183e-04	-1.989537e-03	6.465612e-04
## SPNCRNA.865	1.156994e-04	-1.291906e-04	-2.754333e-04	-1.114924e-04
## SPAPB24D3.08c	1.679411e-04	7.532902e-03	3.035715e-03	2.123675e-03
## SPNCRNA.866	6.620575e-04	7.972965e-04	-6.637731e-04	-3.219700e-04
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-4.443868e-04	-4.937663e-05	-3.386484e-05	-2.718370e-04
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-8.384596e-05	2.018193e-04	-5.653534e-04	2.435559e-04
## SPAPB1A11.03	3.335050e-04	1.035590e-03	-6.816277e-04	1.198763e-03
## SPAC31G5.01	1.639320e-05	-9.242651e-04	-7.687322e-04	1.219142e-03
## SPAC31G5.03	2.172296e-04	4.476646e-04	3.904383e-03	8.500001e-03
## SPAC31G5.05c	-3.279001e-03	8.670603e-04	-3.801819e-03	3.869155e-03
## SPAC31G5.07	-4.876605e-04	2.895895e-04	8.891006e-05	8.110235e-05
## SPAC31G5.09c	-6.481289e-05	-5.015634e-04	-6.223761e-04	5.366768e-04
## SPNCRNA.872	7.127853e-05	2.665481e-04	-7.939375e-05	3.912979e-05
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-3.601443e-04	-4.102979e-04	-3.369885e-05	-1.143056e-03
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	-1.616861e-04	-4.077773e-05	-3.822889e-05	2.110736e-04
## SPAC31G5.12c	3.078475e-04	-1.084757e-03	-2.130049e-04	9.713692e-05
## SPAC31G5.13	-1.130438e-03	-1.508016e-02	4.651517e-03	2.983285e-03
## SPNCRNA.875	1.482512e-04	-1.083298e-05	3.986576e-05	-7.161013e-05
## SPAC31G5.15	1.248188e-03	-4.716140e-05	-1.623440e-04	5.287230e-04
## SPAC31G5.17c	3.177554e-03	-9.078683e-03	1.401067e-02	4.639709e-03

## SPAC1786.01c	5.495001e-03	-9.490094e-03	8.780503e-03	-3.836206e-03
## SPAC1786.04	-5.141484e-05	-6.338951e-05	-8.473010e-05	5.001610e-05
## SPNCRNA.878	4.065990e-05	-2.150177e-04	5.146539e-05	-1.282225e-04
## SPAC24C9.03	-2.003601e-03	-1.674741e-04	-4.417746e-03	-1.276698e-03
## SPAC24C9.16c	1.317705e-04	-7.936331e-04	-5.659079e-04	-1.931207e-04
## SPATRNASER.02	1.423625e-03	-5.191573e-03	4.684323e-03	1.437243e-03
## SPAC24C9.06c	-1.524452e-02	1.349657e-02	-5.110659e-02	-2.756493e-02
## SPNCRNA.879	4.803105e-05	-6.000760e-05	-1.031323e-04	4.813288e-05
## SPNCRNA.880	3.980594e-04	6.480761e-05	8.949026e-04	-6.081421e-06
## SPNCRNA.212	5.314565e-06	4.119286e-05	3.643517e-06	1.260815e-05
## SPAC24C9.09	1.531762e-03	-2.399595e-03	1.079025e-03	-8.906777e-04
## SPAC24C9.13c	-2.742890e-04	-1.586842e-04	1.145965e-03	-3.782473e-04
## SPAC24C9.14	1.623994e-03	-4.517978e-04	1.203353e-03	-2.003293e-03
## SPNCRNA.883	1.940235e-04	-1.541780e-05	-1.609050e-04	-1.326226e-04
## SPAC24C9.15c	-1.199050e-04	-3.880139e-04	1.051908e-05	1.019420e-04
## SPAC16A10.01	-2.059108e-03	-7.026330e-04	-1.396134e-03	1.479016e-03
## SPAC16A10.03c	1.088659e-03	-2.128295e-03	-1.161080e-03	-4.714519e-03
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-1.642782e-05	8.585322e-05	3.932229e-05	2.832697e-05
## SPAC16A10.04	1.707543e-03	-2.994515e-04	-1.459938e-03	-6.815617e-04
## SPAC589.02c	1.339957e-03	6.221756e-04	-3.841911e-04	-6.463847e-04
## SPNCRNA.886	1.588093e-04	1.156409e-04	-8.714956e-05	-4.163274e-04
## SPAC589.04	1.548751e-03	-2.704118e-03	-3.475179e-04	9.001443e-05
## SPAC589.05c	-3.355426e-04	2.794043e-04	-4.685794e-04	-2.795413e-04
## SPAC589.07c	1.492105e-04	-9.177403e-06	-4.514394e-05	-2.241051e-04
## SPNCRNA.560	4.825613e-04	-3.070597e-04	3.023352e-04	2.369650e-04
## SPAC589.09	1.086749e-04	-5.102172e-03	-1.505806e-03	-1.977930e-03
## SPAC589.10c	-3.910948e-03	-4.789771e-02	-1.639362e-02	1.363747e-02
## SPAC589.12	-2.253426e-04	-8.396869e-03	2.770000e-03	1.046192e-02
## SPAC688.03c	-2.762246e-04	-4.844899e-04	6.951943e-05	-4.153437e-04
## SPAC688.04c	4.604420e-04	-1.646588e-03	-6.592910e-04	-1.738125e-04
## SPNCRNA.887	2.937642e-04	-6.094628e-04	3.279133e-04	7.553800e-05
## SPAC688.10	6.652235e-04	2.852634e-04	3.036632e-04	-6.965968e-04
## SPAC688.11	6.216869e-03	-6.454437e-03	-7.060905e-03	-9.050020e-04
## SPAC688.12c	-3.280761e-04	-1.118369e-03	7.109328e-04	2.156777e-03
## SPAC3G9.16c	-2.584827e-04	-2.306421e-04	1.361475e-04	-2.462662e-04
## SPAC3G9.14	8.599645e-03	-1.703284e-03	5.650161e-04	-3.576917e-03
## SPAC3G9.12	2.724200e-03	-2.230388e-03	-2.061324e-03	-1.477386e-03
## SPATRNAALA.03	1.909728e-03	7.508021e-04	-9.656194e-06	-7.037615e-04
## SPAC3G9.10c	3.785412e-04	1.148830e-04	6.882670e-04	-1.023061e-03
## SPRRNA.14	-1.700817e-02	-1.133938e-02	1.013814e-03	-3.090640e-02
## SPAC3G9.08	2.529521e-03	2.472572e-04	6.936963e-04	-5.286873e-05
## SPAC3G9.05	3.814344e-03	4.248872e-04	6.463872e-04	2.842927e-04
## SPAC3G9.04	1.874653e-03	3.318867e-04	-7.652619e-05	8.041694e-04
## SPNCRNA.893	5.953944e-03	-2.664450e-02	2.614579e-02	2.223802e-02
## SPNCRNA.87	-3.867550e-05	-1.780282e-04	-8.824761e-05	-4.851860e-05
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	9.405081e-04	4.121730e-05	1.993422e-04	-9.451915e-04
## SPAC1486.02c	1.704124e-03	-2.762780e-03	4.524955e-04	2.991806e-04
## SPAC1486.03c	-2.830854e-04	-7.139285e-04	-1.903328e-03	-2.503204e-04
## SPNCRNA.14	-5.068749e-05	2.987644e-05	3.482612e-05	-3.374342e-05
## SPAC1486.04c	9.314466e-03	-7.536752e-04	-4.942189e-03	-1.616097e-03
## SPAC1486.06	-5.883556e-04	-5.801122e-03	-5.629706e-04	5.997347e-04
## SPNCRNA.895	7.170833e-05	-7.817566e-06	-4.380253e-05	8.945817e-05

## SPAC1486.09	-3.189634e-03	-3.013679e-03	6.038258e-04	-4.276437e-03
## SPAC6G10.06	1.353172e-04	-5.560402e-05	-7.258542e-05	-1.034427e-04
## SPAC6G10.11c	9.163723e-03	-4.469769e-02	-3.764045e-02	3.767044e-02
## SPAC6G10.12c	3.491866e-03	-2.263111e-03	1.078631e-03	-5.210840e-04
## SPNCRNA.897	2.084844e-04	-9.548008e-05	-8.753985e-05	4.781247e-05
## SPAC6G9.01c	1.742531e-03	-1.462824e-03	5.635412e-04	-8.082108e-04
## SPAC6G9.04	2.689754e-03	-1.085687e-03	-1.810199e-04	-9.444372e-04
## SPAC6G9.05	1.422543e-03	-5.514939e-04	1.448539e-03	-3.471976e-04
## SPAC6G9.06c	4.158269e-03	1.348807e-04	5.947811e-04	-1.333512e-03
## SPNCRNA.898	-9.981938e-05	-1.325718e-04	-6.924028e-06	1.590452e-04
## SPAC6G9.07c	7.655887e-04	-5.223818e-03	-5.796169e-04	2.390178e-03
## SPAC6G9.08	-1.926420e-03	-2.702116e-03	6.135049e-04	-1.667721e-03
## SPAC6G9.10c	-9.071415e-05	-7.115791e-03	9.464612e-04	-2.485476e-04
## SPAC6G9.11	1.565802e-04	-3.090634e-03	-5.328366e-03	2.621585e-03
## SPAC6G9.13c	1.271326e-04	-1.156277e-05	-3.994837e-05	1.422962e-04
## SPAC6G9.14	-5.574824e-04	-1.030378e-03	1.345690e-04	1.073400e-03
## SPAC6G9.16c	8.873952e-04	-2.307178e-04	1.262730e-04	5.300336e-05
## SPAPB1E7.02c	-1.755035e-04	-7.540068e-04	-3.164445e-03	7.240371e-04
## SPAPB1E7.05	-3.522318e-03	-2.712102e-03	-2.184584e-03	6.348125e-03
## SPAPB1E7.08c	6.081745e-03	-1.714610e-03	-2.180100e-04	-8.019554e-04
## SPAPB1E7.09	2.806256e-03	-8.609163e-03	4.735955e-03	-3.636052e-03
## SPAPB1E7.11c	2.118617e-03	4.269148e-04	-3.912150e-04	-7.240328e-04
## SPAPB1E7.12	-4.882598e-02	-4.179636e-03	1.944619e-02	6.250987e-03
## SPAPB1E7.14	6.852361e-04	-3.912278e-04	5.638459e-04	1.247340e-03
## SPAC2E1P5.02c	-7.465351e-04	-2.710938e-04	1.314510e-04	1.298202e-04
## SPAC2E1P5.04c	6.028420e-04	-1.648125e-03	1.126550e-03	-7.871266e-04
## SPAC26A3.01	2.410390e-02	-2.778780e-03	7.620876e-03	1.157843e-04
## SPAC26A3.03c	-2.319181e-04	1.641798e-04	5.423868e-04	-5.399209e-04
## SPAC26A3.04	-8.661839e-03	-2.119395e-02	1.267324e-02	1.921144e-02
## SPAC26A3.06	1.814730e-05	-9.042042e-04	2.497704e-04	-5.786463e-04
## SPAC26A3.07c	3.526990e-03	2.135360e-03	3.537350e-03	1.080227e-02
## SPAC26A3.12c	2.905221e-03	-2.646741e-03	1.831146e-03	1.494329e-03
## SPAC26A3.11	-1.071927e-03	-1.952704e-03	1.535809e-03	1.967181e-03
## SPAC26A3.14c	1.245366e-03	-4.601542e-04	-5.307931e-04	-8.394266e-04
## SPAC26A3.16	3.418790e-03	-4.586856e-03	1.475740e-03	-2.449289e-03
## SPAC26A3.17c	-5.623446e-03	7.548929e-04	-2.739204e-03	1.058368e-03
## SPNCRNA.902	4.903208e-05	3.571276e-05	-5.947834e-05	-1.033562e-04
## SPAC8E11.10	1.960329e-02	1.003798e-02	7.728089e-03	-3.974304e-03
## SPAC8E11.07c	1.215627e-03	-6.155188e-04	-6.177813e-04	7.411776e-04
## SPAC8E11.05c	2.436205e-03	-4.443845e-03	-1.275712e-03	-3.549318e-04
## SPNCRNA.905	-3.758210e-04	2.772216e-04	-2.008983e-04	-5.743859e-04
## SPAC8E11.01c	1.407481e-03	-9.534922e-04	-8.087099e-04	-4.745933e-04
## SPAC959.04c	2.505221e-03	-5.111703e-04	-1.893886e-04	3.420063e-04
## SPAC959.10	1.673083e-05	-9.665851e-04	-5.466855e-04	-4.298673e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-7.166914e-05	-7.445555e-04	-6.385391e-04	5.130659e-04
## SPAC959.08	-2.768019e-02	-1.359593e-02	3.465948e-03	4.189827e-02
## SPNCRNA.907	1.401615e-03	6.344700e-04	4.248039e-05	-6.977461e-04
## SPAC3H5.12c	-1.256943e-03	-1.461930e-02	1.639729e-03	2.642599e-03
## SPAC3H5.11	4.499050e-04	7.227461e-04	1.848080e-05	5.928760e-04
## SPAC3H5.13	3.847949e-04	2.189541e-04	-7.965492e-05	-1.625543e-03
## SPAC3H5.09c	1.367875e-02	2.920493e-03	-8.236909e-04	-2.071949e-03
## SPAC3H5.07	-1.300363e-02	-1.478427e-02	1.952563e-02	3.434084e-02
## SPAC3H5.04	1.043326e-03	-1.757675e-03	1.995341e-04	-1.851070e-04

## SPAC3H5.05c	8.056280e-03	3.058582e-03	4.904775e-03	8.339023e-03
## SPAC3A11.14c	2.453081e-03	-6.447765e-04	-3.497852e-04	-1.361303e-03
## SPNCRNA.561	9.007113e-05	-1.418449e-04	8.500311e-05	3.192542e-05
## SPATRNAARG.01	-2.190479e-03	3.467851e-03	1.346062e-04	3.968122e-03
## SPNCRNA.908	-4.020616e-05	7.248579e-05	-5.153574e-04	2.910182e-04
## SPAC3A11.11c	1.405787e-03	-1.459464e-03	8.112503e-05	1.490216e-05
## SPAC3A11.08	3.064990e-03	5.002218e-04	1.374210e-03	-3.246289e-05
## SPAC3A11.07	2.449227e-03	-1.114808e-03	-8.075746e-03	4.148557e-03
## SPAC3A11.06	7.922737e-04	-7.905601e-04	-8.399073e-04	-3.568289e-04
## SPAC328.01c	8.058730e-03	-1.241972e-03	2.283890e-04	-1.878909e-04
## SPAC328.02	-2.033602e-03	9.506846e-04	1.247721e-03	-2.224813e-03
## SPNCRNA.911	-3.168831e-04	7.144973e-06	-1.368316e-04	7.121495e-05
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	-3.895801e-03	-1.937049e-04	4.777204e-04	6.484844e-03
## SPAC328.07c	3.375245e-05	-5.941963e-04	1.380366e-03	-1.028490e-03
## SPAC328.09	-4.874539e-04	-9.378897e-05	-2.227800e-04	-2.756595e-03
## SPNCRNA.912	7.856671e-06	-7.433472e-06	-2.290636e-05	-6.716905e-06
## SPNCRNA.913	-7.862207e-05	3.562678e-05	-7.751348e-05	-1.693006e-05
## SPAC16E8.01	1.765990e-02	-1.642421e-03	-6.499133e-03	-6.005144e-04
## SPAC16E8.04c	1.266185e-03	-2.258652e-03	-1.061442e-03	1.393862e-03
## SPNCRNA.914	4.811604e-04	5.495761e-05	7.944434e-04	2.725747e-04
## SPNCRNA.562	6.477627e-06	2.529973e-05	-8.178610e-06	4.653565e-05
## SPAC16E8.08	9.580548e-04	-4.604796e-04	3.787299e-04	-1.758667e-05
## SPAC16E8.10c	-1.700064e-03	-6.799678e-04	-5.053992e-04	1.511026e-03
## SPAC16E8.11c	6.127371e-04	-2.231057e-03	-1.878078e-03	3.848477e-05
## SPAC16E8.18	1.657144e-03	4.705791e-04	-9.188966e-05	8.221591e-04
## SPAC16E8.12c	2.365980e-03	-9.339705e-04	9.686570e-05	1.320949e-03
## SPAC16E8.14c	3.042990e-05	1.805930e-04	4.939060e-04	9.535074e-04
## SPAC16E8.16	3.222556e-03	2.916217e-03	-9.243328e-04	-2.850196e-03
## SPAC16E8.17c	4.436074e-04	-4.377513e-04	1.769182e-03	-1.531810e-03
## SPAC1B1.02c	3.420424e-03	-1.634935e-03	1.623074e-03	-1.188047e-03
## SPAC1B1.03c	-8.410800e-03	-9.294224e-04	-3.377078e-03	5.247278e-03
## SPAC1B1.04c	2.270301e-03	-6.963520e-04	-1.002872e-03	-1.255400e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	1.232216e-04	-2.059039e-04	-8.482028e-05	-1.375146e-04
## SPAC17A2.03c	-2.191450e-03	-5.807955e-03	3.921538e-03	4.732368e-04
## SPNCRNA.917	-3.885837e-06	-6.847930e-06	6.960221e-07	3.339007e-06
## SPNCRNA.918	-1.155159e-04	-6.175475e-05	-4.267897e-05	-3.804586e-05
## SPAC17A2.12	2.638577e-03	4.982282e-04	-1.301720e-03	-1.457641e-03
## SPAC17A2.13c	7.678115e-04	2.098841e-03	1.670288e-03	2.190424e-04
## SPNCRNA.919	-8.943104e-05	-7.630008e-05	-7.619550e-05	-8.039842e-05
## SPAC17A2.14	4.511723e-03	-4.358371e-03	2.228636e-03	-1.072390e-03
## SPNCRNA.600	-1.979440e-05	-2.869505e-05	-1.163272e-04	2.505916e-04
## SPAC17G6.07c	2.710383e-03	-9.362831e-04	1.797838e-03	-8.145949e-04
## SPAC17G6.09	2.132611e-03	-1.280824e-03	2.224557e-03	3.034993e-04
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	1.049442e-03	-1.549337e-03	-4.581847e-04	-1.443949e-03
## SPNCRNA.922	2.068604e-04	-1.756171e-04	-1.332291e-04	8.684091e-05
## SPAC1142.03c	-4.244350e-04	-7.157643e-04	8.435645e-04	9.151127e-04
## SPRRNA.16	5.478246e-04	-1.143890e-03	-6.029705e-04	-2.044333e-03
## SPNCRNA.924	3.424928e-06	2.326926e-06	3.447237e-05	-2.028954e-05
## SPAC8C9.03	-1.008823e-02	1.958009e-03	-4.543547e-03	4.958873e-03
## SPAC8C9.05	3.810336e-04	-8.406600e-05	-6.384865e-04	7.908829e-04
## SPAC8C9.06c	4.786584e-03	-2.608039e-03	7.982260e-04	-2.532035e-03

## SPAC8C9.10c	-1.556043e-03	2.107174e-03	-7.159750e-04	4.575746e-04
## SPAC8C9.16c	1.119805e-03	-5.333569e-05	-3.771616e-04	-2.799534e-04
## SPAC15A10.01	1.442454e-03	2.363066e-04	3.864454e-04	-7.619248e-04
## SPAC8C9.17c	1.095483e-03	6.087836e-04	7.330961e-04	-2.658003e-04
## SPAC15A10.02	2.413162e-03	-1.336549e-03	-1.014624e-03	-2.449178e-03
## SPAC15A10.03c	2.093304e-03	4.583392e-04	2.258678e-06	-9.933919e-04
## SPAC15A10.04c	-4.199685e-03	-1.009647e-02	8.528434e-03	4.307366e-03
## SPAC15A10.05c	3.015974e-04	6.842843e-04	-3.836335e-04	8.455452e-05
## SPAC15A10.07	3.063371e-03	-3.023391e-04	2.457233e-04	-5.830535e-04
## SPAC15A10.10	3.977635e-04	1.593913e-03	-1.822371e-03	-9.849821e-04
## SPATRNPAPHE.01	1.417829e-02	-1.498189e-02	-6.237050e-03	-2.776858e-04
## SPATRNPAPHE.04	8.254260e-03	2.660765e-04	2.429012e-03	6.866829e-03
## SPAC15A10.15	2.324805e-04	2.021425e-04	-1.508871e-04	-3.052943e-04
## SPAC15A10.16	3.809895e-03	1.694793e-03	1.502846e-03	-4.129985e-04
## SPAC15E1.02c	6.671009e-03	3.158455e-04	9.392994e-04	-3.997133e-04
## SPAC15E1.04	2.134214e-05	-4.407455e-03	4.521795e-03	5.630360e-03
## SPAC15E1.06	1.793516e-03	-1.247732e-03	-4.048505e-03	-4.416710e-04
## SPAC15E1.07c	3.455901e-04	-1.101812e-04	7.874987e-04	-1.794727e-03
## SPAC15E1.08	8.402390e-05	-3.859066e-05	-1.379821e-04	-2.175910e-04
## SPAC15E1.09	2.639302e-03	-2.375780e-03	2.315318e-03	1.066732e-03
## SPAC15E1.10	-1.177323e-04	4.185874e-05	-4.231026e-05	-4.244655e-05
## SPAC15E1.11	-3.654732e-05	-6.877347e-05	-2.624088e-05	-4.689963e-05
## SPAC15E1.12	2.329327e-03	1.608575e-03	1.640970e-04	-1.272702e-03
## SPAC15E1.13	-3.463903e-02	1.280154e-02	4.876936e-03	-4.430975e-02
## SPAC15E1.14	-1.263747e-04	-6.015478e-05	2.330392e-04	2.587923e-04
## SPAC15E1.15	8.485427e-03	-4.690718e-03	-1.269535e-03	-2.221380e-03
## SPAC15E1.16	-9.793102e-03	2.881196e-02	3.199928e-02	6.833205e-02
## SPAC15E1.17	-2.074995e-04	-3.548906e-04	-3.059593e-04	2.088452e-05
## SPAC15E1.18	2.726836e-03	1.040184e-02	2.607477e-03	-4.623934e-03
## SPAC15E1.19	-9.250620e-05	1.165359e-04	-7.127158e-04	4.768509e-05
## SPAC15E1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC15E1.21	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC15E1.22	-7.673807e-05	4.301687e-06	7.361702e-05	3.613687e-05
## SPAC15E1.23	5.820373e-04	-7.376652e-04	2.905115e-04	-8.338938e-05
## SPAC15E1.24	-3.429454e-05	1.957237e-04	-1.551774e-04	-1.225204e-04
## SPAC15E1.25	-1.249756e-02	5.023745e-03	-7.961446e-03	-1.072536e-02
## SPAC15E1.26	4.131594e-04	8.572262e-05	-2.477507e-04	3.008797e-04
## SPAC15E1.27	-5.040261e-03	4.533323e-03	-1.245572e-02	2.678691e-03
## SPAC15E1.28	-3.402866e-04	-2.735663e-03	1.611051e-03	7.335683e-04
## SPAC15E1.29	2.668305e-03	-9.605480e-04	1.978152e-04	-2.964491e-04
## SPAC15E1.30	-2.779558e-04	-6.146135e-04	-8.242707e-04	-1.652062e-05
## SPAC15E1.31	1.472150e-03	-1.766566e-03	1.671177e-04	1.824781e-03
## SPAC15E1.32	-3.366378e-03	-5.275309e-03	3.471407e-03	-5.413644e-04
## SPAC15E1.33	1.071751e-04	-9.868260e-05	-5.245002e-05	-1.340182e-05
## SPAC15E1.34	5.405492e-04	-2.253116e-04	8.207795e-05	2.236040e-04
## SPAC15E1.35	-2.702241e-05	7.764924e-06	1.173962e-05	4.005721e-05
## SPAC15E1.36	-2.155006e-03	-5.210779e-03	-5.338836e-03	-6.486349e-03
## SPAC15E1.37	2.241961e-05	-1.192385e-03	-3.084589e-04	-1.652235e-04
## SPAC15E1.38	8.843362e-04	-1.673775e-03	-7.939408e-04	-1.285116e-03
## SPAC15E1.39	1.845995e-03	-1.000944e-03	-6.054051e-05	-9.767293e-04
## SPAC15E1.40	1.364930e-04	2.349185e-04	-5.170221e-04	-9.473087e-04
## SPAC15E1.41	-5.624265e-04	6.945911e-04	-1.756491e-03	-1.917350e-03
## SPAC15E1.42	-1.704348e-05	-2.385438e-05	5.601025e-05	6.452482e-05
## SPAC15E1.43	2.905926e-03	4.487808e-04	3.801126e-04	1.474584e-03

## SPAC4H3.10c	-2.834419e-02	4.955843e-02	3.645044e-02	-4.726284e-02
## SPAC4H3.11c	5.742523e-04	7.187150e-04	-7.300683e-04	2.933397e-04
## SPAC4H3.13	9.874007e-04	-1.326791e-03	-7.752723e-04	-1.051734e-04
## SPAC4H3.14c	2.469821e-03	-2.715702e-03	-4.537876e-04	-9.149688e-04
## SPAC1071.04c	2.262928e-04	-3.220662e-04	2.990455e-05	1.429354e-04
## SPAC1071.07c	3.977982e-02	3.899909e-03	8.286790e-03	1.174042e-02
## SPAC1071.09c	-2.763388e-03	5.497195e-04	-5.743395e-04	-1.226357e-03
## SPNCRNA.92	-6.118986e-07	-6.195657e-06	5.715905e-06	1.856924e-06
## SPNCRNA.944	-2.180468e-06	-2.999339e-07	-1.688433e-04	-8.290330e-05
## SPAC1071.11	4.303286e-04	-8.041848e-05	4.345173e-04	-5.683653e-04
## SPNCRNA.947	-1.226981e-04	-3.932594e-04	3.137256e-04	3.237082e-04
## SPAC926.06c	4.592755e-03	1.053863e-03	1.374215e-03	-3.201314e-03
## SPAC926.07c	1.096648e-03	-1.227252e-03	-1.192704e-03	-1.302187e-03
## SPAC926.08c	-1.833394e-03	-2.678006e-03	5.679696e-03	-3.594350e-03
## SPAC323.02c	-3.193235e-03	3.677887e-04	3.953157e-03	4.342095e-03
## SPAC323.03c	9.351508e-04	-1.818643e-04	2.374511e-04	4.219865e-06
## SPAC323.04	5.149720e-04	1.557272e-03	9.953206e-04	-1.370042e-03
## SPAC323.05c	1.038317e-03	3.216504e-04	-1.366747e-04	-1.028256e-03
## SPAC323.08	-1.968225e-04	4.453631e-04	-1.992821e-04	-5.226865e-04
## SPAC2F3.01	1.681031e-03	-4.256982e-04	2.722145e-04	6.325551e-05
## SPAC2F3.17c	2.029731e-03	5.318166e-04	5.318887e-04	1.144589e-03
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-2.361236e-03	-1.962441e-03	-6.868116e-03	-1.579998e-03
## SPAC2F3.10	3.656721e-03	1.118057e-03	6.554316e-04	1.765913e-03
## SPAC2F3.13c	1.386094e-03	-1.965590e-04	4.437156e-04	5.459740e-05
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	1.341128e-03	-2.066460e-04	1.235637e-04	6.709153e-04
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	3.523920e-03	-1.934385e-04	-1.991916e-05	-7.345004e-06
## SPAC2F3.16	2.285790e-03	-2.279559e-04	4.975351e-04	-6.211145e-04
## SPAC11G7.05c	1.543622e-03	-1.121749e-03	-1.500436e-04	-7.135125e-04
## SPAC11G7.06c	-6.427421e-05	2.611579e-04	3.047953e-04	-1.180656e-03
## SPNCRNA.952	-2.831076e-04	1.680397e-04	-1.831395e-04	-4.339751e-05
## SPAPB18E9.02c	7.891009e-03	5.312672e-04	3.438920e-03	-6.467622e-03
## SPNCRNA.953	-3.807875e-05	-1.476062e-04	-5.579175e-05	-1.514339e-03
## SPAPB18E9.04c	-6.976203e-04	-8.208371e-04	4.777683e-05	-5.632439e-04
## SPNCRNA.954	1.941380e-04	1.276330e-04	-1.704361e-04	-1.729657e-05
## SPAPB15E9.06	3.820134e-04	-9.539170e-05	-2.349829e-04	1.849516e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	1.733475e-03	2.955452e-04	-1.700476e-05	-6.715709e-05
## SPNCRNA.955	-2.026058e-04	-1.045151e-04	1.076722e-06	-5.419509e-05
## SPAC27E2.03c	2.193071e-03	-1.502773e-02	-1.312982e-02	1.765021e-03
## SPAC27E2.11c	-4.476967e-06	-1.960568e-05	4.538977e-05	3.341735e-05
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	1.975756e-04	-2.218247e-04	5.882664e-05	-1.820411e-05
## SPAC27E2.12	-1.250529e-04	-4.308653e-05	3.763898e-05	3.078763e-05
## SPAC27E2.06c	1.362257e-03	-2.112007e-04	-4.845817e-06	-9.747091e-04
## SPAC27E2.07	1.942189e-03	-9.208494e-04	-1.020367e-04	-3.744583e-04
## SPAC27E2.08	-1.932866e-05	1.459522e-05	2.152880e-05	3.519437e-05
## SPAPJ698.02c	-3.153626e-03	-1.782846e-02	1.977488e-03	-7.323995e-03
## SPAC19G12.01c	2.007960e-03	-7.913877e-04	-7.645574e-04	-2.809584e-04
## SPAC19G12.03	-3.340637e-04	-7.765023e-04	1.696257e-03	-1.501688e-03
## SPNCRNA.956	2.796352e-04	-2.693035e-04	-2.566912e-04	-4.789686e-05

## SPAC19G12.05	2.583706e-03	-3.469545e-04	1.657428e-03	-8.168916e-04
## SPAC19G12.10c	-4.612160e-03	1.473642e-02	-5.807140e-03	3.490805e-02
## SPAC19G12.17	2.461581e-04	-1.576235e-04	2.782289e-04	6.652120e-04
## SPAC19G12.11	6.584658e-04	-2.590618e-03	-9.513169e-05	1.742333e-03
## SPAC19G12.12	2.110124e-03	1.719270e-03	5.094546e-04	-2.608411e-03
## SPAC19G12.15c	-1.178682e-04	-1.091283e-02	-6.391415e-03	-8.797556e-03
## SPAC19G12.16c	1.170446e-02	9.341238e-03	4.225061e-03	6.622571e-03
## SPAC23A1.02c	1.907344e-03	2.604525e-03	1.260479e-03	1.952386e-04
## SPAC23A1.03	-7.554194e-03	-1.498640e-03	4.113316e-03	5.384761e-03
## SPAC23A1.04c	2.456172e-03	-3.295307e-04	-3.302600e-04	6.839645e-04
## SPAC23A1.05	1.674488e-03	-3.328290e-03	2.359862e-03	9.494904e-04
## SPAC23A1.06c	2.105899e-03	-2.302889e-03	1.373629e-03	-1.391417e-03
## SPAC23A1.09	2.087543e-03	-1.290530e-04	1.809567e-03	2.053868e-03
## SPNCRNA.957	-3.740029e-05	-3.642958e-06	7.559568e-05	-6.882938e-05
## SPAC23A1.11	7.427536e-03	-4.917253e-03	-1.046530e-02	-6.725729e-03
## SPAC23A1.12c	-9.805238e-03	3.830803e-04	-2.088401e-03	7.149934e-04
## SPNCRNA.958	-7.013865e-05	-4.966416e-04	-4.681512e-04	-7.932986e-04
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	5.945100e-04	7.597275e-04	-1.462187e-03	-4.776450e-04
## SPAC23A1.17	3.701048e-03	-1.586746e-03	-4.140761e-03	-2.261787e-03
## SPAC23A1.18c	2.609788e-03	3.959739e-04	4.579817e-04	-1.911156e-03
## SPAC23A1.19c	4.046402e-03	1.258587e-03	-3.041055e-04	-1.692099e-03
## SPAC26H5.02c	4.817918e-04	9.670702e-04	3.221062e-04	4.079412e-04
## SPAC26H5.03	1.016648e-03	-6.873082e-05	-5.764559e-04	1.045223e-04
## SPNCRNA.959	3.651864e-04	1.926318e-04	-2.278924e-05	-2.955492e-04
## SPNCRNA.960	1.182260e-05	-1.165353e-04	-2.384895e-04	1.123308e-04
## SPAC26H5.05	1.691196e-03	-3.017347e-03	-3.155228e-03	-2.660862e-03
## SPAC26H5.06	4.561872e-04	-1.501314e-04	-6.285164e-04	3.424369e-04
## SPNCRNA.963	3.303307e-05	2.379732e-04	1.114148e-04	3.761299e-04
## SPAC26H5.11	5.130119e-03	3.415934e-03	-2.179379e-03	-4.781863e-03
## SPAC26H5.12	8.379253e-04	-4.275987e-03	-2.609615e-03	9.551347e-04
## SPAC26H5.13c	2.707935e-03	-2.413815e-04	1.300194e-03	1.078703e-03
## SPAC25B8.01	-2.190561e-03	-2.548216e-04	-1.422540e-03	1.489232e-03
## SPAC25B8.06c	8.002512e-04	-1.381109e-04	-9.460128e-04	1.502969e-03
## SPAC25B8.08	2.455289e-03	-1.134925e-03	1.648574e-03	-4.128170e-04
## SPNCRNA.966	-7.741231e-05	-7.430176e-05	1.074152e-04	1.544271e-05
## SPAC25B8.09	-2.730052e-04	-4.200885e-04	-1.850373e-03	-1.192351e-03
## SPAC25B8.12c	5.769109e-04	-9.966998e-03	3.310061e-03	1.511737e-02
## SPAC25B8.17	3.300145e-03	-8.995820e-04	1.842304e-03	-9.258259e-04
## SPAC25B8.18	9.116988e-04	-1.597927e-04	-2.117258e-04	-4.505296e-04
## SPAC25B8.19c	2.586299e-03	-2.494854e-04	-4.220638e-05	6.322421e-05
## SPAC683.03	-8.957292e-06	-6.840289e-07	2.124223e-05	1.564407e-05
## SPNCRNA.969	1.022946e-03	2.166983e-05	6.891919e-05	-1.953603e-04
## SPAC683.02c	1.215271e-03	-5.509446e-04	-7.992336e-04	-2.416644e-03
## SPAC694.02	-8.067677e-03	-7.670980e-03	1.460903e-02	1.518499e-02
## SPAC694.05c	-3.069311e-02	-9.032855e-03	-8.827992e-03	3.404951e-02
## SPAC694.06c	-2.086057e-03	4.514040e-03	-1.293694e-03	2.567121e-03
## SPAC1F7.01c	9.076878e-03	-3.886441e-03	-3.863657e-03	-2.408102e-03
## SPAC1F7.14c	3.055397e-04	4.013371e-04	-8.256723e-04	-3.265023e-04
## SPAC1F7.04	4.358969e-03	-5.315806e-03	-2.648539e-03	-5.078910e-03
## SPAC1F7.05	-1.221294e-02	9.227988e-03	-6.119151e-03	6.747486e-03
## SPNCRNA.973	1.779299e-04	-1.116334e-04	1.635614e-04	-6.349386e-05
## SPNCRNA.243	3.517494e-05	-1.625455e-05	8.080650e-05	-1.021115e-04
## SPAC1F7.08	1.616405e-02	-3.979732e-02	5.221749e-02	2.209056e-02

## SPAC1F7.09c	8.348223e-04	-3.700305e-04	-3.417010e-05	5.688850e-04
## SPAC1F7.13c	-3.510945e-02	-9.105114e-03	-1.389088e-02	3.738590e-02
## SPAC21E11.04	6.890272e-04	-3.085667e-04	3.713419e-04	-3.084562e-03
## SPAC21E11.06	3.642149e-03	1.383597e-04	-1.460589e-03	-3.250976e-03
## SPNCRNA.13	4.729652e-05	3.261657e-05	2.911265e-06	-5.425769e-05
## SPAC21E11.07	-9.878843e-04	-1.872968e-05	-1.800521e-05	1.936991e-05
## SPAC2C4.03c	7.046488e-04	-3.081849e-04	3.229198e-04	-7.989804e-04
## SPAC2C4.04c	3.120107e-04	-2.217148e-04	3.847883e-04	-4.469191e-04
## SPNCRNA.98	-6.222288e-02	-9.513030e-03	-4.591003e-02	-2.400025e-02
## SPAC2C4.07c	6.724327e-04	-6.700948e-04	-1.549897e-03	3.454799e-04
## SPAC2C4.09	7.906189e-04	-3.327843e-04	-1.632972e-05	4.385700e-04
## SPAC2C4.10c	1.148426e-03	-6.346630e-04	1.595213e-03	-3.694586e-04
## SPAC2C4.13	-7.237190e-04	-1.359686e-03	4.079720e-03	3.720447e-05
## SPAC2C4.17c	-1.793240e-02	-3.062951e-03	-5.945553e-03	5.451717e-03
## SPAC25G10.02	4.442209e-07	1.255484e-05	-1.704542e-04	2.777156e-04
## SPAC25G10.03	3.418176e-04	-2.024828e-03	3.823507e-03	-6.114056e-03
## SPAC25G10.04c	3.322111e-04	-1.422220e-04	-7.899239e-04	-1.284872e-04
## SPAC25G10.08	-3.923962e-02	-4.328880e-03	-1.316556e-02	3.020739e-03
## SPAC27F1.05c	-1.898550e-04	-2.095578e-04	-7.299069e-04	-4.584017e-04
## SPNCRNA.977	8.088327e-04	8.499782e-05	-3.235460e-04	-8.610877e-04
## SPAC27F1.10	1.523733e-05	-1.306141e-04	5.540860e-05	-1.242875e-05
## SPNCRNA.978	6.097531e-07	-4.769139e-06	2.800793e-05	-1.464427e-04
## SPAC27F1.06c	-4.721070e-03	-2.966302e-03	5.341103e-04	2.185393e-03
## SPAC23D3.04c	-3.505742e-03	2.738657e-03	6.044511e-03	-4.529309e-03
## SPAC23D3.05c	-2.425655e-04	-1.090998e-03	2.977412e-04	-5.230381e-04
## SPAC23D3.06c	3.008877e-03	-3.385154e-03	-5.742214e-04	-2.518208e-03
## SPAC23D3.07	-1.292348e-03	-6.164785e-03	1.167189e-04	2.398915e-03
## SPAC23D3.09	1.924599e-03	-1.222608e-03	-4.271143e-05	-1.196774e-03
## SPAC23D3.10c	1.801665e-03	-2.132826e-04	-1.295925e-03	-7.211521e-04
## SPNCRNA.244	-1.245019e-05	4.801769e-05	1.435946e-06	2.052865e-05
## SPAC23D3.12	2.419942e-02	-8.438178e-04	7.060029e-03	-7.515390e-03
## SPAC23D3.16	-6.596551e-04	-9.832610e-05	-1.413407e-04	-2.170418e-04
## SPAC23D3.13c	8.382675e-03	-3.234217e-03	9.676859e-04	-1.680514e-03
## SPAC23D3.14c	1.463974e-03	3.756742e-05	5.091184e-05	-2.956061e-04
## SPNCRNA.982	5.820135e-04	5.027442e-04	1.104379e-03	-5.507924e-04
## SPAC1527.01	2.147650e-03	-8.823476e-04	1.558142e-03	-1.515184e-03
## SPAC1527.02	2.308145e-03	-9.532952e-04	6.632397e-04	1.161887e-03
## SPAC1527.03	4.008130e-03	-2.820659e-03	2.865954e-03	-2.335777e-03
## SPAC30.03c	3.970398e-04	-1.522626e-03	-8.192631e-04	1.368388e-03
## SPNCRNA.983	-2.473262e-05	1.678355e-05	-6.076615e-05	-2.082168e-05
## SPNCRNA.984	-2.525361e-04	-3.585751e-04	-4.522228e-04	-4.685640e-04
## SPNCRNA.246	-2.573616e-06	-1.245323e-07	-2.694999e-05	-1.993016e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	2.195750e-03	-7.266837e-04	1.818016e-03	-1.969145e-03
## SPAC29E6.06c	2.071611e-03	6.324296e-03	-2.471239e-03	3.410771e-03
## SPAC29E6.09	2.017205e-03	-9.635143e-04	-4.517294e-04	-7.978787e-04
## SPAC29E6.10c	9.256019e-03	1.070880e-03	-1.255083e-03	-7.873121e-05
## SPAC16.02c	5.690408e-03	1.364457e-03	-7.644413e-03	1.738025e-03
## SPNCRNA.247	-3.365708e-05	-4.492690e-06	5.117733e-05	2.218902e-06
## SPAC16.04	4.662778e-03	-1.439743e-03	-8.026390e-04	-7.580169e-04
## SPNCRNA.99	-1.211776e-03	-2.735821e-04	-6.077082e-04	5.352250e-05
## SPAC9E9.02	3.938066e-04	8.320305e-04	-2.472459e-04	-2.712050e-04
## SPNCRNA.988	-3.021884e-04	-1.761235e-05	3.161439e-05	2.435999e-05
## SPAC9E9.05	1.123226e-03	8.468453e-05	3.432599e-04	-1.186680e-03

## SPAC9E9.06c	-1.486490e-02	-8.013318e-03	1.054112e-02	-5.883289e-03
## SPAC9E9.07c	-1.742955e-03	-2.929292e-03	4.555633e-03	1.224525e-03
## SPAC9E9.08	2.691150e-03	3.354385e-04	2.443001e-04	-9.843352e-04
## SPNCRNA.990	-1.260486e-05	-5.678697e-04	-2.661739e-04	-2.431403e-04
## SPAC9E9.10c	4.107290e-03	-4.655763e-04	-1.171334e-03	-6.079048e-05
## SPAC9E9.11	-3.736626e-03	-9.877103e-03	1.660067e-02	-1.013758e-02
## SPAC9E9.12c	1.241038e-03	-1.746043e-03	-1.361846e-03	-4.061015e-04
## SPAC9E9.13	-1.395499e-02	-3.452848e-02	5.202306e-03	-1.218160e-02
## SPAC9E9.14	2.719767e-03	-2.586650e-03	1.738495e-03	-1.393389e-03
## SPAC17C9.16c	6.367740e-03	-1.030939e-02	6.749410e-03	-1.498089e-03
## SPAC17C9.15c	2.372246e-03	-1.822835e-04	5.218593e-04	-2.700039e-05
## SPAC17C9.13c	4.592750e-03	-1.825269e-03	4.416974e-03	-1.275893e-03
## SPAC17C9.12	2.524956e-04	-2.997848e-03	-2.939222e-03	1.603640e-03
## SPAC17C9.11c	6.801244e-04	2.976870e-04	-4.694851e-04	-6.552847e-04
## SPAC17C9.09c	-1.395823e-03	-6.165926e-05	-3.778164e-04	7.631720e-04
## SPAC17C9.08	3.991109e-04	1.442612e-03	-2.131599e-03	1.339136e-03
## SPAC17C9.06	1.243045e-03	-2.720580e-03	-1.372297e-04	1.262921e-03
## SPAC17C9.03	6.272003e-03	-2.479646e-03	-3.772966e-03	5.032116e-05
## SPAC17C9.02c	6.436554e-04	-1.613247e-05	-2.661134e-04	1.506714e-03
## SPAC1851.02	-1.955147e-03	-6.960209e-04	-2.337495e-03	-5.349898e-04
## SPAC1851.03	2.257189e-03	-4.228914e-04	-1.468732e-03	1.032987e-03
## SPNCRNA.992	-6.984112e-04	4.437992e-04	1.072785e-04	-3.450417e-04
## SPAC27D7.03c	5.018502e-04	-3.655724e-04	-6.416063e-04	5.230183e-04
## SPAC27D7.04	7.084502e-04	-5.271844e-04	-9.307986e-04	8.654898e-04
## SPAC27D7.05c	1.918127e-04	-1.121076e-03	-9.931528e-04	3.627973e-04
## SPAC27D7.07c	1.291150e-03	-1.647929e-03	1.955161e-03	3.217274e-04
## SPAC27D7.08c	3.484597e-05	2.234846e-04	-7.668849e-04	1.401297e-03
## SPAC27D7.09c	1.462107e-02	-8.470735e-03	4.661419e-04	-4.195651e-03
## SPAC27D7.11c	9.973242e-04	1.018954e-02	-4.057888e-03	3.601691e-03
##	[,21]	[,22]	[,23]	[,24]
## SPAC212.11	-2.761094e-05	2.474203e-04	-1.031750e-04	-3.710835e-04
## SPAC212.09c	-5.010966e-04	9.989477e-05	7.429524e-05	2.170943e-04
## SPNCRNA.70	2.200152e-05	-4.516197e-07	6.543425e-06	-1.157702e-05
## SPAC212.12	-1.186612e-04	8.761723e-06	-2.048317e-05	-2.919908e-05
## SPAC212.04c	9.650681e-04	-2.517461e-04	-5.129270e-05	-2.111749e-04
## SPAC212.03	2.837024e-06	-2.428634e-06	-8.693231e-06	1.036290e-05
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	6.760530e-05	1.357332e-04	1.309180e-05	3.062830e-05
## SPAC977.03	-2.014170e-07	3.083126e-06	4.607569e-06	-4.182269e-06
## SPAC977.04	1.085081e-06	-7.215259e-06	-1.482332e-05	2.805056e-05
## SPAC977.05c	-2.130249e-05	-1.560190e-05	-4.120192e-05	-4.442696e-05
## SPNCRNA.136	-3.173323e-06	-1.466734e-05	5.246197e-06	1.063405e-06
## SPNCRNA.601	1.012461e-05	1.852457e-04	-6.120666e-04	-3.350332e-04
## SPAC977.07c	-7.137484e-06	1.527366e-05	-5.155179e-05	4.311592e-05
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	1.329561e-03	-2.241162e-04	-5.463282e-05	-1.574878e-03
## SPAC977.13c	-1.322899e-03	2.788385e-04	8.512566e-04	-4.773592e-04
## SPAC977.15	7.677563e-04	1.075891e-03	-2.143404e-04	1.954791e-04
## SPAC977.16c	1.412542e-03	2.273463e-03	1.430442e-03	-1.102822e-03
## SPNCRNA.37	-8.045837e-06	7.309702e-06	-3.869546e-06	1.388842e-05
## SPAPJ695.01c	-1.184023e-04	7.085120e-05	-1.976720e-05	-1.440518e-04
## SPNCRNA.76	-1.009678e-04	-1.481036e-04	-8.139296e-05	1.780901e-05
## SPNCRNA.603	-2.475168e-04	1.452644e-04	3.271843e-05	-4.434577e-05

## SPNCRNA.607	5.160011e-04	1.204101e-04	-1.019220e-03	-5.556212e-04
## SPAC1F8.06	1.512273e-03	-1.237966e-03	-1.321626e-03	-1.107884e-03
## SPAC1F8.08	-6.447555e-04	-5.710871e-04	-3.764582e-04	-7.326021e-04
## SPAC11D3.19	5.137183e-04	9.777259e-05	5.989071e-04	5.485744e-04
## SPAC11D3.01c	-5.537766e-03	7.210001e-03	-5.739169e-03	-1.797876e-02
## SPNCRNA.608	5.646774e-04	1.012555e-03	-7.710527e-04	-4.812377e-05
## SPAC11D3.02c	-7.029888e-04	-1.767168e-04	7.462178e-03	4.660239e-03
## SPAC11D3.03c	1.461815e-05	-5.119956e-04	6.613913e-04	-8.182248e-04
## SPAC11D3.05	-2.674513e-03	3.638932e-03	-7.364440e-04	2.083940e-03
## SPAC11D3.07c	-2.520842e-04	-1.128255e-04	1.912494e-04	-7.943277e-03
## SPAC11D3.08c	5.356872e-04	5.631764e-04	2.196266e-03	-3.162220e-03
## SPAC11D3.11c	2.001518e-03	-1.290996e-03	1.184064e-03	-1.298172e-03
## SPAC11D3.14c	3.164845e-04	2.565677e-03	4.115791e-04	-4.579538e-03
## SPNCRNA.609	-2.150646e-04	3.075889e-04	1.364442e-03	-7.648790e-04
## SPNCRNA.147	2.663864e-05	-3.107057e-05	8.913927e-06	-4.836138e-05
## SPNCRNA.610	-1.664286e-05	-9.643718e-05	9.232555e-05	9.322632e-05
## SPAC11D3.16c	-1.578925e-03	1.255836e-03	-1.077206e-03	-4.151479e-05
## SPAC11D3.18c	8.379917e-04	5.824261e-04	-3.841118e-04	-3.043336e-04
## SPNCRNA.612	-9.346433e-04	-1.050384e-04	8.750735e-04	-4.243589e-04
## SPAC5H10.01	4.069230e-04	3.127334e-04	4.616119e-04	1.256845e-04
## SPAC5H10.03	-9.496683e-03	1.472093e-02	3.420629e-03	2.226199e-02
## SPAC5H10.04	2.696924e-04	8.004541e-05	4.102854e-05	7.749251e-04
## SPAC5H10.06c	1.996736e-03	-4.158736e-03	7.605886e-03	9.312155e-04
## SPAC5H10.08c	-1.931414e-03	1.069757e-03	-1.570254e-04	-5.202282e-03
## SPAC5H10.09c	3.894855e-04	-3.904231e-05	3.262056e-04	-1.317810e-04
## SPAC5H10.10	-2.998072e-03	1.698475e-03	2.223653e-03	-2.630123e-04
## SPAC5H10.11	3.847439e-04	-2.768493e-05	7.342770e-05	1.310842e-04
## SPAC5H10.12c	6.786095e-04	-2.554455e-03	3.554596e-03	-7.139348e-03
## SPAC5H10.13c	3.646151e-03	1.670739e-03	1.584139e-03	-9.416482e-03
## SPNCRNA.617	-8.256881e-05	-2.037575e-04	-5.291107e-05	-6.290868e-05
## SPAC13G6.01c	5.223703e-03	4.396708e-04	-3.967667e-03	-1.478532e-02
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	2.921992e-03	3.413709e-03	-5.447194e-05	-2.477028e-03
## SPNCRNA.618	5.745852e-04	-3.766309e-04	-2.328445e-04	-1.307206e-04
## SPNCRNA.620	-9.557099e-05	2.112004e-04	1.986794e-04	1.152493e-04
## SPAC13G6.14	1.013301e-03	1.172416e-03	-2.028049e-03	-5.021428e-03
## SPAC13G6.15c	8.734987e-04	6.918331e-04	-1.074507e-03	2.079595e-03
## SPNCRNA.621	-2.515610e-04	4.996322e-04	1.491832e-04	5.591079e-04
## SPAC24B11.05	-1.501148e-03	3.915507e-03	2.173427e-04	1.113583e-04
## SPAC24B11.08c	-2.617255e-04	-6.105863e-04	-4.815213e-04	1.023271e-03
## SPNCRNA.142	7.462811e-05	1.031950e-05	-4.901316e-05	1.044969e-05
## SPAC24B11.09	3.456541e-04	7.214935e-04	-8.127080e-04	3.351157e-03
## SPAC24B11.11c	8.383499e-04	-2.332428e-04	6.827543e-04	-7.959829e-03
## SPAC24B11.12c	2.541929e-04	7.115109e-03	-3.416002e-03	-1.279696e-02
## SPNCRNA.624	-4.087059e-04	-2.588824e-04	6.066897e-04	-2.150310e-04
## SPAC806.02c	-2.576077e-03	-9.831324e-06	-1.309354e-04	-6.981546e-03
## SPNCRNA.625	-1.594758e-06	3.615062e-04	-1.286677e-04	-1.807318e-04
## SPAC806.11	2.051015e-04	-1.993169e-04	-9.596274e-05	1.137730e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-2.910070e-04	1.521738e-04	8.192091e-06	4.844003e-04
## SPNCRNA.627	1.460515e-04	-7.280582e-05	-5.395014e-05	6.271869e-05
## SPNCRNA.628	-5.860078e-05	-7.411576e-05	1.349616e-05	-2.334000e-04
## SPAC806.06c	2.569273e-03	-2.727406e-03	2.183080e-04	-7.137701e-03
## SPAC806.07	-2.278312e-03	-9.617087e-04	-2.721506e-03	-3.096861e-03

## SPNCRNA.630	4.098025e-04	6.701010e-04	5.565592e-04	-2.273855e-04
## SPAC1F5.11c	1.164640e-03	-7.250756e-03	-1.088320e-02	-1.162665e-02
## SPNCRNA.632	1.743073e-04	-1.330656e-04	5.001291e-05	-1.955594e-05
## SPNCRNA.633	-5.908364e-04	1.170699e-04	6.786011e-04	-4.145286e-04
## SPAC1F5.07c	-1.011636e-03	6.028575e-04	6.989659e-04	-1.054079e-03
## SPAC1F5.04c	3.686503e-04	-2.107051e-03	3.382804e-05	-3.615230e-03
## SPAC1F5.02	1.632245e-02	4.582087e-03	-6.963222e-03	-2.368223e-02
## SPNCRNA.148	-2.064000e-05	-2.293030e-05	-2.666387e-05	-2.775945e-05
## SPAC18B11.10	4.404848e-03	5.752311e-04	-3.072925e-03	-1.209099e-02
## SPNCRNA.27	-1.654776e-05	1.657737e-06	2.984532e-06	-4.673793e-07
## SPNCRNA.635	-1.264195e-04	1.313127e-04	-9.938118e-05	2.883158e-04
## SPAC18B11.09c	-1.554467e-03	-5.146148e-04	1.689131e-03	-1.455976e-03
## SPAC18B11.08c	1.467205e-03	1.274997e-03	1.111059e-03	1.739312e-03
## SPAC18B11.07c	1.988255e-03	-2.579296e-04	1.425761e-03	-5.095383e-03
## SPAC18B11.04	2.587979e-05	7.163437e-04	2.901240e-04	-3.728432e-04
## SPNCRNA.636	1.395588e-03	1.332749e-03	1.690713e-03	-4.375386e-04
## SPAC18B11.02c	1.300339e-03	1.853026e-03	2.335879e-03	-2.985044e-03
## SPAC12G12.15	1.037101e-03	1.285767e-04	-8.200056e-04	8.265955e-04
## SPNCRNA.637	5.238264e-04	2.092203e-05	-3.319964e-04	2.377357e-04
## SPAC12G12.14c	1.493115e-03	-1.841272e-04	-3.400141e-04	-2.386172e-03
## SPNCRNA.638	-1.605547e-05	3.118457e-05	-3.839625e-05	-1.853675e-06
## SPAC12G12.10	1.113923e-03	3.204823e-04	-4.284762e-03	-6.749900e-03
## SPAC12G12.09	2.454765e-03	1.244382e-04	-1.889071e-03	-1.000949e-02
## SPAC12G12.06c	2.739568e-05	5.906013e-03	-5.221395e-03	-3.882116e-03
## SPNCRNA.639	6.745414e-05	4.670206e-05	-1.032939e-04	-2.365468e-05
## SPAC12G12.03	7.411501e-03	-2.504523e-03	-8.516035e-04	-1.956161e-03
## SPAC630.05	3.763711e-04	2.900518e-04	-2.751824e-04	-5.927882e-03
## SPAC630.15	-2.902509e-04	1.067252e-03	-2.922445e-04	5.332669e-04
## SPATRNPAPRO.01	-1.547575e-03	-4.083787e-03	-3.513820e-03	2.874790e-03
## SPAC630.11	1.292075e-03	2.371962e-03	6.893028e-04	1.612028e-03
## SPAC630.12	9.706720e-04	-6.743548e-04	8.950724e-04	-5.643875e-03
## SPAC630.13c	-1.801522e-03	-1.340102e-03	-1.710642e-03	-2.264383e-03
## SPAC630.14c	-3.009912e-03	-2.638194e-03	-1.036926e-03	2.910024e-04
## SPAC1751.01c	5.532230e-04	6.212266e-04	1.183927e-03	-1.253238e-03
## SPAC1751.04	3.617048e-04	4.809246e-04	7.990482e-06	-7.098295e-04
## SPAC1751.02c	6.404074e-04	2.196188e-03	1.423227e-03	-1.328030e-03
## SPAC31A2.02	6.883047e-04	-8.270820e-04	-1.919905e-03	-7.756463e-04
## SPNCRNA.643	1.943478e-04	-2.602458e-05	-3.772207e-04	1.202604e-04
## SPAC31A2.03	5.887875e-04	-5.723297e-04	1.858902e-03	1.540773e-03
## SPAC31A2.04c	1.344295e-03	-5.447132e-04	3.375744e-03	-2.262549e-03
## SPAC31A2.06	-3.945558e-03	1.129831e-03	-3.384978e-04	-1.057235e-02
## SPAC31A2.07c	9.280151e-03	-3.958982e-03	-4.178344e-03	-1.167030e-02
## SPAC31A2.09c	-9.136863e-04	7.477701e-04	5.673724e-04	-3.136818e-03
## SPAC31A2.11c	-2.378605e-03	-6.680335e-04	-1.759882e-03	-3.443251e-03
## SPAC31A2.12	4.307113e-03	1.326481e-03	-3.520498e-04	-4.374519e-03
## SPAC31A2.13c	1.689889e-03	-7.761518e-04	5.164910e-04	-1.292943e-03
## SPAC31A2.14	5.880749e-04	3.569763e-04	-3.038971e-04	-6.168297e-04
## SPAC31A2.16	3.721306e-03	-1.325662e-03	9.523612e-04	-1.041337e-02
## SPAC13C5.01c	2.804371e-03	3.538974e-03	-1.568043e-03	2.149598e-03
## SPNCRNA.644	1.873365e-04	2.406190e-05	3.905600e-04	1.694071e-04
## SPAC13C5.04	3.415569e-03	3.792843e-03	-1.714125e-04	-1.987989e-03
## SPNCRNA.645	-3.653877e-04	4.179265e-04	-1.881738e-04	-2.781565e-04
## SPAC13C5.05c	2.332465e-03	7.554139e-05	1.959527e-03	-4.026632e-03
## SPAC13C5.06c	-2.259294e-03	2.228013e-04	-4.282230e-04	1.698313e-03

## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	1.556338e-02	1.864026e-02	-1.260084e-01	-9.051963e-02
## SPAC23E2.02	2.540118e-03	-8.100457e-04	-8.906038e-04	-7.869409e-03
## SPRRNA.11	-4.445316e-02	-9.908754e-03	-8.280855e-03	3.828007e-02
## SPAC24H6.12c	1.292595e-04	8.767396e-04	-6.496786e-04	1.382155e-04
## SPAC24H6.11c	1.235030e-03	-1.683640e-03	-8.986030e-04	-4.718461e-03
## SPNCRNA.652	4.254415e-04	3.087727e-04	-3.032174e-04	-5.589139e-04
## SPAC24H6.09	6.202573e-03	-1.553571e-03	4.581984e-03	-2.561353e-03
## SPAC24H6.07	1.831993e-02	1.144175e-02	-1.021902e-02	4.334722e-02
## SPAC24H6.06	4.343302e-03	-3.196972e-04	-2.729943e-04	1.318729e-03
## SPAC24H6.04	2.218082e-02	-4.566235e-03	-1.478958e-02	-1.253502e-02
## SPNCRNA.653	-6.768191e-05	1.321153e-05	2.616701e-05	-7.369541e-05
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	1.800623e-03	-1.553976e-03	-2.127987e-03	-1.094139e-03
## SPNCRNA.654	1.075179e-04	4.786286e-05	1.446435e-04	-2.555509e-04
## SPAC24H6.01c	1.484979e-03	-5.615033e-04	-1.222289e-03	-2.358614e-04
## SPAC227.19c	3.066825e-04	-1.193881e-04	-1.609529e-04	-7.292824e-04
## SPNCRNA.655	-5.438094e-04	-7.244978e-04	9.150906e-04	-1.213901e-03
## SPAC227.05	-2.321206e-03	2.880806e-04	-2.346606e-03	1.516971e-04
## SPAC227.06	1.476403e-03	-7.046533e-04	1.488439e-03	2.102120e-03
## SPAC227.07c	-1.506144e-03	3.666468e-03	2.591747e-03	-1.076527e-03
## SPNCRNA.657	8.468266e-04	-3.722106e-04	-1.827074e-03	6.292470e-04
## SPAC227.08c	-2.575442e-04	5.838182e-04	4.815031e-04	-2.160590e-03
## SPAC227.09	-3.424937e-04	7.569656e-05	-3.473507e-04	-4.211535e-04
## SPAC227.10	-2.269008e-03	-2.275739e-03	1.956501e-04	-2.931673e-03
## SPAC227.11c	-1.167452e-05	1.485959e-03	-3.179928e-04	-3.080436e-03
## SPAC227.12	-1.556723e-03	-1.826569e-03	1.538343e-03	-4.319421e-03
## SPAC227.13c	-1.047622e-03	-8.584312e-04	3.965070e-04	3.033648e-03
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	1.445725e-03	6.081915e-04	1.467865e-03	-8.279005e-04
## SPAC2F7.04	-1.109076e-03	-2.099889e-04	-3.738728e-04	-1.695516e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	8.586906e-05	-1.589638e-04	7.116837e-04	-1.786036e-04
## SPNCRNA.661	1.196643e-03	-8.426786e-05	1.546200e-04	-3.319250e-04
## SPAC2F7.13c	9.588067e-03	2.381582e-03	-5.910980e-03	-1.125368e-02
## SPAC2F7.15	2.881985e-03	-2.461260e-04	-1.560641e-03	-9.524588e-04
## SPAC13A11.01c	9.766550e-04	4.409584e-04	-3.314254e-03	-8.692373e-03
## SPAC13A11.03	5.950196e-04	1.130415e-02	1.823636e-02	-8.759158e-03
## SPAC13A11.04c	2.050096e-03	1.641384e-04	2.767724e-03	-3.363803e-03
## SPAC13A11.05	-6.887968e-03	-7.114508e-05	1.709151e-04	3.459789e-03
## SPAC3H8.02	1.798086e-03	1.439902e-03	-1.988912e-04	-4.300777e-03
## SPAC3H8.03	2.302901e-04	2.300915e-04	-1.378641e-04	-1.365468e-03
## SPNCRNA.663	-3.450245e-05	1.279116e-04	5.802361e-04	-7.566407e-05
## SPAC3H8.04	-3.154464e-05	2.141431e-03	-2.668255e-03	-5.737853e-03
## SPNCRNA.156	-3.337517e-05	-4.036702e-05	3.652691e-06	-7.823159e-05
## SPAC3H8.08c	2.944975e-03	-3.295240e-04	1.449096e-03	-2.813400e-03
## SPNCRNA.667	2.537658e-04	4.381493e-05	2.701156e-04	3.349514e-04
## SPAC3H8.10	7.392965e-03	3.262769e-03	7.437583e-04	-1.391633e-02
## SPAC1F3.01	2.109570e-03	-1.171969e-04	-3.941461e-03	-5.956541e-03
## SPAC1F3.02c	4.296274e-03	-1.044555e-03	1.610247e-03	-1.102216e-03
## SPAC1F3.03	-9.903396e-05	6.898215e-04	4.915081e-04	5.112438e-04

## SPAC1F3.04c	5.966809e-03	-1.157740e-03	-1.530269e-03	-1.355598e-03
## SPAC1F3.05	6.164497e-04	1.869194e-03	9.274229e-04	4.327594e-05
## SPAC1F3.06c	9.360451e-03	-4.189185e-03	-1.769980e-02	-2.412078e-02
## SPAC1D4.01	-1.306881e-03	-1.424067e-03	5.537486e-04	-1.754008e-03
## SPAC1D4.02c	1.734185e-03	1.632317e-03	-2.185973e-03	-4.539371e-03
## SPAC1D4.03c	6.309988e-04	1.055767e-04	3.303458e-04	-1.984268e-03
## SPNCRNA.670	2.041505e-04	-7.929496e-05	-8.446966e-05	1.953546e-04
## SPAC1D4.05c	-5.801952e-04	3.969166e-04	-5.736647e-04	-2.426930e-03
## SPAC1D4.07c	1.385949e-04	1.384695e-04	5.901958e-05	-2.243471e-04
## SPAC1D4.10	-1.215191e-03	-7.621780e-04	-4.048235e-03	-1.320375e-03
## SPNCRNA.671	2.989325e-04	1.189891e-03	-5.445497e-04	-9.850129e-04
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	3.316422e-03	-8.928343e-04	2.300223e-03	-1.590705e-03
## SPAC1D4.14	5.729244e-03	-2.371387e-03	-2.599000e-03	-8.890187e-03
## SPAC22F3.13	3.170639e-03	-7.021869e-04	9.454014e-04	-8.810984e-04
## SPNCRNA.675	6.960585e-05	3.878620e-04	-3.274444e-04	-3.264941e-04
## SPNCRNA.158	4.284150e-05	7.938781e-05	6.912335e-05	6.430182e-06
## SPAC22F3.11c	-8.608818e-04	3.226393e-04	-1.002762e-04	-1.471447e-03
## SPAC22F3.10c	-2.023634e-03	4.370224e-03	7.230126e-04	-8.983285e-04
## SPAC22F3.08c	4.447638e-03	-3.073404e-03	-3.134119e-03	-2.946392e-03
## SPAC22F3.07c	-8.851652e-04	-9.399036e-04	1.220702e-03	-1.074323e-03
## SPAC22F3.05c	-4.863821e-05	8.546900e-04	-3.323418e-04	-5.768364e-03
## SPNCRNA.676	7.048788e-05	2.413634e-05	1.395221e-04	-1.131972e-04
## SPAC22F3.03c	-1.880553e-04	6.444562e-04	-1.729103e-03	-1.650508e-03
## SPAC1296.03c	-1.182551e-04	1.172844e-04	7.952935e-04	-1.589252e-03
## SPAC1296.04	1.270730e-03	4.815153e-05	-4.738524e-04	-3.157377e-04
## SPAC1296.05c	4.736745e-04	-1.098850e-03	-6.189326e-04	8.918828e-04
## SPAPJ696.02	2.262394e-03	4.379480e-04	-2.064034e-03	2.684066e-03
## SPAC22G7.01c	6.593627e-03	-2.477274e-03	-8.552459e-03	-1.583787e-02
## SPNCRNA.677	7.351181e-05	3.438775e-04	-2.205713e-05	-1.021174e-04
## SPAC22G7.03	3.057679e-04	3.816581e-04	-6.439467e-04	-1.189109e-03
## SPNCRNA.678	3.118002e-04	-1.672131e-05	-2.938156e-04	-2.847124e-05
## SPAC22G7.05	1.181851e-04	-4.462075e-03	-6.384263e-03	-5.205122e-03
## SPAC22G7.09c	2.141540e-03	-3.137728e-03	5.197610e-04	-2.170715e-03
## SPAC22G7.10	-1.347994e-03	1.914325e-03	-5.866039e-05	1.518643e-03
## SPAC4G8.02c	4.411433e-04	1.700606e-03	-6.057293e-03	4.763424e-03
## SPAC4G8.03c	1.077449e-03	2.891596e-05	1.850594e-03	6.802816e-04
## SPAC4G8.06c	-2.458307e-04	-3.144853e-03	-8.622282e-04	4.765565e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-3.458431e-04	5.916061e-04	-6.502612e-04	3.050313e-04
## SPAC4G8.11c	2.351367e-04	7.309166e-04	-6.819289e-04	-6.800345e-04
## SPAC4G8.12c	1.178286e-04	1.002758e-03	-6.873350e-04	3.568550e-04
## SPAC4G8.13c	3.878641e-03	-2.687173e-04	-2.735349e-03	-4.281784e-03
## SPAC16C9.05	5.017901e-03	-2.463118e-03	-1.425006e-03	-1.385152e-03
## SPAC2G11.02	4.742572e-03	-4.829109e-03	-2.347731e-03	-1.664765e-02
## SPAC2G11.03c	-2.584249e-05	-4.581129e-04	-1.351644e-03	1.901352e-03
## SPAC2G11.06	-4.675032e-04	1.564283e-04	8.717957e-04	-3.649432e-03
## SPNCRNA.688	-4.845587e-05	1.076976e-03	1.601326e-04	4.454676e-04
## SPAC2G11.07c	5.501904e-03	1.255447e-02	6.090242e-03	6.465604e-03
## SPAC2G11.09	3.830713e-03	5.683302e-04	-2.052804e-03	-6.019950e-03
## SPAC2G11.12	3.105224e-03	-3.008540e-03	-7.272340e-04	-1.035421e-02
## SPNCRNA.691	-2.736156e-04	9.720949e-05	-1.867161e-04	-1.210469e-04
## SPNCRNA.692	-1.629356e-05	-2.911688e-04	-6.230862e-04	-8.317927e-04
## SPAC521.02	-2.425610e-03	-6.943231e-04	1.680833e-04	-6.067775e-03

## SPAC521.03	-1.017957e-02	-2.129161e-02	2.092319e-02	-6.450349e-03
## SPAC521.05	-1.948761e-02	-1.125821e-02	-1.724171e-02	-5.005703e-02
## SPAC23G3.01	1.158295e-02	-2.476318e-03	-1.419035e-02	-1.912516e-02
## SPNCRNA.694	-2.035708e-04	9.840002e-05	2.157232e-04	1.507420e-04
## SPAC23G3.04	6.831431e-04	-2.814614e-04	-5.461844e-04	-9.585664e-04
## SPAC23G3.06	1.868399e-02	4.604731e-03	-2.109916e-02	-3.869206e-02
## SPAC23G3.07c	7.502223e-04	5.328401e-04	-1.830831e-03	-7.529481e-04
## SPAC23G3.08c	1.820127e-03	-6.469196e-05	-1.260416e-03	-3.668563e-03
## SPAC23G3.10c	6.958173e-04	-9.353988e-04	-1.084823e-03	-5.643711e-03
## SPAC22H12.01c	1.916544e-03	2.464148e-04	2.599880e-03	1.259183e-03
## SPAC22H12.02	7.108958e-03	-4.728258e-03	-3.151336e-03	-6.225890e-03
## SPAC22H12.05c	2.947282e-03	-1.766536e-03	-2.414024e-03	-2.377568e-03
## SPAC1687.01	2.215246e-03	1.914540e-03	3.092131e-03	1.542854e-03
## SPAC1687.04	1.878019e-03	-5.816466e-04	1.543765e-03	-9.572548e-04
## SPAC1687.05	3.828031e-03	-9.184249e-04	-2.952962e-03	-4.812900e-03
## SPAC1687.06c	4.277641e-03	-2.387985e-03	-3.504243e-03	2.000644e-04
## SPNCRNA.696	1.549802e-04	-1.302460e-05	3.559398e-04	-4.114823e-04
## SPAC1687.11	8.275541e-03	-5.876955e-03	-1.556070e-02	-3.089457e-03
## SPAC1687.12c	1.501221e-03	9.231530e-04	8.179055e-04	-2.219421e-03
## SPAC1687.14c	-2.374657e-03	1.253303e-03	-1.295826e-03	1.010722e-04
## SPAC1687.16c	-8.207945e-04	3.256377e-06	7.857231e-06	1.390305e-03
## SPNCRNA.160	-1.066979e-04	-6.999051e-05	1.005889e-04	-1.639250e-04
## SPATRNAALA.01	1.867187e-04	-3.033665e-04	-4.161221e-04	1.109644e-04
## SPAC1687.17c	3.368650e-03	3.603606e-04	2.440794e-03	-1.639492e-03
## SPAC1687.18c	4.939939e-03	-2.054317e-03	-4.276112e-03	-4.669288e-03
## SPAC1687.19c	1.934032e-03	4.648573e-04	-5.168333e-04	9.566243e-04
## SPAC1687.20c	1.808364e-03	-4.179472e-04	-7.192144e-04	3.295236e-04
## SPAC222.03c	-4.191422e-03	-4.891441e-04	1.670636e-03	-4.611513e-03
## SPAC222.19	3.036899e-05	-2.064422e-04	1.092447e-03	-5.336382e-04
## SPAC222.04c	1.889328e-03	-7.025899e-04	-2.384958e-03	5.398497e-04
## SPAC222.06	1.833045e-03	-2.651670e-03	-3.279470e-03	-2.727207e-03
## SPAC222.07c	2.138092e-03	-1.438224e-03	9.865171e-04	-5.430844e-03
## SPAC222.08c	2.721479e-03	1.348601e-03	5.172652e-04	6.381567e-04
## SPSNRNA.02	6.970444e-02	-7.573389e-03	1.482839e-02	1.349705e-01
## SPAC222.17	1.373234e-03	6.342160e-04	-1.080625e-03	1.063472e-03
## SPNCRNA.701	2.480390e-04	4.994969e-04	-4.801562e-04	-5.908169e-04
## SPAC222.15	-2.208421e-04	-2.474672e-05	-6.440000e-05	-4.184545e-04
## SPAC222.18	2.039189e-03	-1.896011e-04	1.038411e-03	-1.389629e-03
## SPAC222.16c	-4.873443e-04	1.085203e-04	1.299146e-03	-1.418087e-03
## SPAC821.05	2.930452e-03	5.551944e-03	-1.851150e-02	-6.748224e-03
## SPNCRNA.702	-1.349023e-05	1.324421e-04	4.177360e-04	-2.331943e-04
## SPAC821.06	3.776394e-03	2.308292e-04	-1.816663e-03	4.438256e-03
## SPNCRNA.703	-1.352279e-03	9.059635e-04	1.101543e-03	-3.081199e-04
## SPAC821.08c	8.005427e-03	-6.637142e-03	-7.864335e-03	-1.465183e-02
## SPAC821.09	1.991180e-02	2.967170e-02	-4.286108e-02	-3.988838e-02
## SPAC821.10c	-1.642707e-03	-3.621324e-02	2.039672e-03	-1.308975e-02
## SPAC821.12	2.541367e-03	-2.473535e-03	1.818199e-03	-2.671280e-03
## SPNCRNA.220	1.059342e-04	6.478391e-05	1.305071e-05	1.276381e-04
## SPAC139.01c	2.255113e-04	2.124055e-03	1.291653e-04	-3.415265e-03
## SPNCRNA.704	3.746268e-04	5.718532e-04	1.008149e-04	-7.253367e-04
## SPAC139.02c	2.698277e-03	-2.606911e-03	2.380997e-03	6.262332e-03
## SPAC23C4.03	3.611150e-03	1.757548e-03	-1.073378e-02	-1.338084e-02
## SPAC23C4.05c	2.398986e-04	2.333462e-03	9.935497e-03	3.264392e-04
## SPAC23C4.06c	5.175274e-04	1.015869e-03	-6.990715e-04	-1.114457e-03

## SPAC23C4.09c	5.163241e-03	8.879409e-05	1.090238e-06	-3.004192e-04
## SPAC23C4.10	3.685499e-05	1.674562e-04	-1.991393e-04	-5.132119e-04
## SPAC23C4.11	1.625898e-04	-3.365419e-03	-3.414765e-03	2.693357e-03
## SPAC23C4.13	2.048317e-03	7.869338e-04	-1.286984e-03	3.216500e-03
## SPAC23C4.14	-2.419607e-04	-1.072182e-03	-9.805671e-05	-6.019453e-04
## SPAC23C4.15	6.404778e-03	-2.278537e-03	-2.923945e-03	-2.279673e-03
## SPAC23C4.17	-1.596817e-03	2.562298e-03	-2.443560e-03	3.659249e-03
## SPAC23C4.18c	1.517514e-03	3.770820e-04	-1.187181e-03	-3.783823e-03
## SPAC1A6.01c	3.313762e-04	-2.834611e-03	4.872903e-04	-2.082311e-03
## SPAC1A6.02	-3.037680e-03	4.054005e-03	-2.751818e-03	-2.438890e-03
## SPAC1A6.03c	5.170515e-03	-1.352753e-03	3.629297e-03	-2.936919e-03
## SPAC1A6.04c	-1.974726e-03	-2.731746e-02	2.233722e-02	1.137174e-02
## SPNCRNA.710	-3.458309e-04	1.935313e-04	-5.367428e-04	-3.279182e-04
## SPAC1A6.06c	-8.237166e-04	-9.503410e-05	5.321929e-04	-5.100972e-06
## SPAC1A6.08c	1.116404e-04	-3.568561e-04	-1.425251e-04	-4.048566e-06
## SPAC30D11.14c	5.889836e-04	-2.020171e-03	1.000166e-03	-3.866980e-03
## SPATRNASER.01	-2.122831e-03	5.390480e-03	-1.858608e-03	-2.402765e-03
## SPATRNAMET.01	-1.392397e-04	8.031074e-04	-3.259460e-04	-1.927562e-03
## SPNCRNA.711	3.088110e-04	-5.448826e-06	-7.322297e-04	3.530392e-05
## SPAC30D11.07	1.207148e-03	-6.457109e-05	4.694662e-04	-4.087899e-04
## SPAC30D11.06c	5.289758e-04	-9.600637e-04	-7.025216e-04	-7.091424e-04
## SPAC30D11.05	-2.416346e-03	9.349819e-04	3.773090e-04	-1.596905e-04
## SPAC30D11.02c	-1.549202e-04	6.193135e-05	-2.828088e-04	6.229270e-04
## SPAC56F8.02	8.711836e-03	-2.961155e-03	-2.311169e-03	-8.410441e-03
## SPAC56F8.04c	5.984864e-04	-4.457072e-04	-2.096614e-03	-3.810354e-03
## SPAC56F8.06c	1.118207e-03	3.961347e-04	2.020937e-04	-2.955496e-03
## SPAC56F8.09	-1.349221e-04	2.910392e-03	-1.016734e-03	-5.474788e-03
## SPNCRNA.716	3.708034e-04	1.725076e-03	-9.087519e-04	-1.021473e-03
## SPAC56F8.12	2.562907e-04	2.476377e-04	3.786377e-04	2.767770e-04
## SPAC56F8.16	-9.252073e-04	-2.029319e-04	-4.963465e-03	-6.272303e-03
## SPAC22A12.02c	2.299271e-04	-3.219233e-05	-3.171784e-05	3.240547e-04
## SPAC22A12.04c	1.969145e-03	7.627897e-03	2.717263e-02	2.668424e-02
## SPNCRNA.717	6.707556e-05	-7.209385e-05	2.890122e-04	1.481818e-04
## SPAC22A12.07c	8.732691e-03	-3.958430e-03	1.470905e-03	-1.155874e-02
## SPAC22A12.08c	8.079824e-03	-1.377637e-03	-1.371966e-04	-6.609818e-03
## SPAC22A12.10	1.571637e-03	2.137485e-03	9.482293e-06	-3.277975e-03
## SPAC22A12.09c	-2.234245e-04	1.236016e-03	9.791256e-04	-7.180481e-05
## SPAC22A12.11	7.824735e-03	-5.780891e-03	3.301103e-04	2.896785e-03
## SPAC22A12.12c	3.138751e-03	-1.627073e-03	-1.308845e-03	-3.047424e-03
## SPAC22A12.14c	5.552610e-04	-1.383244e-03	-1.460083e-03	1.096763e-04
## SPNCRNA.719	-5.090388e-05	3.375975e-05	-7.436897e-05	-5.726354e-05
## SPAC22A12.17c	1.819315e-02	-2.653254e-02	3.369474e-02	1.455573e-02
## SPNCRNA.168	1.180815e-04	-1.071871e-04	-1.952861e-05	2.897632e-05
## SPNCRNA.720	4.401820e-04	-1.090040e-04	-3.785366e-04	3.272275e-04
## SPNCRNA.721	-1.249659e-04	1.658400e-04	-2.632519e-05	2.358449e-04
## SPAC4C5.02c	-1.857782e-04	1.234182e-03	2.138608e-04	-2.839954e-04
## SPAC4C5.03	-2.072813e-03	8.540302e-04	3.462622e-04	-3.304135e-03
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	-1.712578e-02	-1.276946e-02	-1.203749e-02	3.169510e-02
## SPNCRNA.724	3.299534e-04	-5.296895e-04	2.524197e-04	-1.718994e-03
## SPAC10F6.02c	-4.509804e-05	-5.647013e-04	-3.774631e-03	-4.938955e-03
## SPAC10F6.05c	2.066563e-04	-1.993248e-03	1.729301e-03	-4.619767e-05
## SPNCRNA.725	4.129879e-04	-2.100664e-05	9.752805e-04	-1.599659e-03

## SPAC10F6.10	3.430379e-03	6.250276e-04	-2.325612e-03	-2.974355e-03
## SPNCRNA.726	-3.098132e-04	-1.690783e-04	4.327570e-04	-1.186806e-04
## SPAC10F6.15	-6.999557e-04	-2.010133e-04	-3.091083e-04	-8.401651e-05
## SPNCRNA.432	1.583716e-04	-2.246124e-04	-2.347159e-04	2.934708e-04
## SPAC10F6.17c	7.782028e-05	6.129218e-04	2.400272e-04	-4.813351e-03
## SPAC56E4.03	-3.038278e-03	-4.788177e-03	9.119706e-03	7.915825e-03
## SPAC56E4.07	3.232689e-03	7.250968e-04	1.158363e-03	-2.106873e-03
## SPNCRNA.730	-2.468580e-04	2.058325e-04	-1.925063e-04	-1.233746e-04
## SPAC1420.02c	-1.059040e-02	4.197947e-03	2.655825e-04	-9.130964e-03
## SPAC1420.03	1.609451e-03	3.219319e-03	-2.187180e-04	1.865976e-03
## SPAC1420.04c	-9.589561e-05	1.095002e-04	5.306511e-04	-4.068734e-04
## SPNCRNA.731	1.287734e-04	-5.150527e-05	-3.217682e-04	2.147257e-04
## SPAPB17E12.02	-9.790121e-05	2.283880e-04	-3.113682e-06	-9.728979e-04
## SPAPB17E12.03	-1.821204e-04	2.013685e-03	-3.156637e-03	-2.847202e-03
## SPAPB17E12.05	1.048839e-03	-5.538486e-03	-6.947916e-03	-2.389758e-02
## SPAPB17E12.11	3.197475e-03	7.081294e-04	1.074369e-03	5.050058e-03
## SPNCRNA.732	-4.008615e-04	1.266416e-04	-5.617327e-04	6.054738e-04
## SPNCRNA.733	5.961870e-05	2.969152e-04	2.940041e-04	5.968333e-04
## SPAC1565.03	3.732068e-05	6.515243e-04	1.571192e-04	-2.840861e-04
## SPAC1565.05	9.322310e-04	1.773172e-03	1.081562e-03	-1.388640e-02
## SPAC1565.06c	-2.195955e-04	1.025154e-03	-5.389074e-03	1.486930e-03
## SPAC1565.07c	-7.840658e-05	-2.792607e-05	1.460429e-03	-6.287425e-03
## SPATRNAPRO.02	-1.708206e-01	2.601483e-01	2.711308e-01	-9.796984e-02
## SPSNORNA.53	1.272789e-02	5.410120e-03	1.243988e-02	4.383965e-03
## SPAC6F12.06	4.859947e-03	5.089150e-05	-2.733884e-03	-4.928063e-03
## SPAC6F12.07	1.340394e-03	-7.572965e-04	3.731083e-03	1.389917e-03
## SPAC6F12.08c	1.610865e-03	-4.134523e-04	1.467819e-03	-1.946195e-03
## SPAC6F12.09	-1.595658e-03	-8.488158e-04	-6.358124e-04	-3.429437e-03
## SPAC6F12.12	3.692544e-03	-1.507129e-03	-2.219721e-04	-2.117198e-03
## SPAC6F12.13c	-7.590351e-03	4.667801e-03	4.826626e-03	1.088544e-02
## SPAC6F12.15c	5.242886e-04	6.919194e-05	-2.035926e-03	-2.168979e-03
## SPAC19E9.01c	1.327927e-03	7.577917e-04	-1.730576e-03	1.804050e-04
## SPAC19E9.02	2.856384e-03	-4.871546e-04	-3.053140e-03	-7.967277e-04
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	5.285494e-05	-1.274990e-04	7.690187e-06	4.577385e-05
## SPAC19E9.03	3.741492e-03	-4.008107e-03	1.307786e-03	-7.417564e-03
## SPAC57A10.03	5.177791e-04	1.682022e-03	-5.378311e-04	-7.498177e-04
## SPAC57A10.05c	3.855566e-03	-1.550539e-03	-1.382245e-05	1.268113e-04
## SPAC57A10.06	-4.749342e-04	-1.508677e-04	-2.476867e-04	1.504369e-04
## SPAC57A10.07	2.479639e-03	1.320183e-03	-1.104153e-04	-2.361350e-03
## SPAC57A10.08c	1.093597e-03	1.439592e-04	-1.748459e-03	1.031054e-03
## SPAC57A10.09c	8.583308e-03	-6.692171e-04	2.991562e-03	3.872632e-03
## SPAC57A10.12c	-4.043589e-03	-3.604884e-03	-2.251113e-03	1.549242e-02
## SPAC20G8.04c	3.911370e-04	-3.616869e-03	-1.131450e-02	3.717022e-03
## SPAC20G8.05c	4.371808e-03	1.328545e-03	-8.146705e-03	-5.942002e-03
## SPAC20G8.06	3.563910e-03	4.149771e-04	-6.227176e-03	-7.567144e-03
## SPAC20G8.08c	2.557141e-03	-2.278783e-03	-3.585956e-03	-6.739642e-03
## SPAC20G8.09c	-1.322672e-03	-1.113463e-03	-1.102761e-02	-1.969240e-03
## SPAC20G8.10c	2.127100e-04	1.589506e-04	-2.351189e-04	-4.861905e-05
## SPAC3A12.04c	2.077006e-03	-1.923003e-03	-6.078347e-04	-4.599845e-03
## SPAC3A12.19	1.379611e-03	-3.697579e-04	-7.312595e-04	1.451182e-03
## SPAC3A12.07	-2.175885e-03	2.107905e-03	-1.338931e-03	-6.838725e-03
## SPNCRNA.741	2.145450e-04	-2.520391e-04	-7.222728e-06	6.875471e-05
## SPAC3A12.11c	-5.477869e-03	6.397135e-04	7.846449e-04	-2.282513e-03

## SPAC3A12.14	2.183818e-03	-2.120992e-03	-4.739776e-03	-3.770487e-03
## SPAC3A12.15	-2.176968e-03	1.615431e-03	4.461037e-03	-5.455118e-04
## SPSNORNA.48	-2.887379e-06	-3.585059e-05	-1.490150e-05	5.844663e-05
## SPAC3A12.18	8.346389e-03	-5.534237e-03	1.259131e-02	1.605664e-02
## SPAC9.03c	2.169700e-03	-6.825829e-03	-2.119489e-03	-2.386616e-03
## SPAC9.05	5.446341e-04	-8.302662e-04	-2.230538e-04	-3.515055e-03
## SPAC9.06c	4.575163e-04	7.033520e-04	-7.942122e-04	5.411594e-04
## SPAC9.08c	1.386687e-03	-2.047886e-03	-3.444685e-03	-5.306944e-03
## SPAC9.09	-2.854144e-02	-1.239879e-02	-7.984100e-03	-3.084465e-03
## SPNCRNA.743	-5.712463e-04	6.995416e-04	-1.085492e-03	-7.793982e-04
## SPAC9.10	-5.921569e-05	-2.456902e-03	-3.487960e-04	-2.744810e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	-9.182233e-05	-9.740355e-04	-3.117738e-03	-2.396447e-03
## SPAC5D6.10c	2.213151e-05	1.453154e-05	8.808012e-05	-1.601581e-04
## SPAC5D6.09c	7.853644e-04	-5.260752e-04	-1.525692e-04	-1.803716e-03
## SPAC5D6.07c	-1.267636e-04	1.648414e-03	1.182691e-03	-1.688414e-03
## SPAC5D6.04	-1.129803e-03	1.788498e-03	3.064314e-03	-4.783968e-03
## SPAC5D6.02c	7.358501e-04	4.833211e-04	-6.416423e-04	1.207282e-04
## SPAC57A7.10c	9.231368e-03	2.583328e-03	-6.365858e-03	-3.574766e-03
## SPNCRNA.174	5.999593e-05	-4.100505e-05	-1.331877e-04	-4.239139e-05
## SPAC57A7.08	6.892837e-03	5.140280e-05	-8.586697e-05	-6.117186e-03
## SPAC57A7.06	-1.539710e-04	-1.508625e-03	-3.028414e-03	-7.834129e-03
## SPAC57A7.04c	-1.304883e-02	-3.956404e-03	-2.213395e-04	1.511002e-02
## SPAC167.07c	3.420205e-03	-2.098154e-03	-4.546780e-03	-3.204404e-03
## SPAC167.05	2.074413e-03	5.617366e-04	-1.228463e-05	-1.546656e-03
## SPAC167.04	-4.686950e-03	2.173204e-03	-1.091696e-03	-2.866014e-03
## SPAC167.09	-9.454258e-04	7.396222e-05	3.292395e-04	6.910677e-05
## SPAC167.08	2.651098e-05	-4.661158e-05	1.066710e-05	1.863147e-04
## SPAC1705.03c	3.257945e-03	9.313366e-03	-3.981759e-02	-3.140542e-02
## SPNCRNA.80	2.238534e-05	-3.671107e-05	-5.378591e-05	4.438502e-05
## SPNCRNA.745	2.251409e-04	-5.415324e-05	1.886149e-04	1.010636e-04
## SPNCRNA.81	2.688510e-07	3.116607e-06	-1.960330e-05	4.643036e-06
## SPAC23H4.17c	2.274482e-04	1.676119e-03	-4.302972e-04	-2.644296e-03
## SPAC23H4.16c	3.195356e-04	-4.511865e-04	3.592794e-04	-2.403049e-03
## SPAC23H4.15	6.523892e-03	-4.344568e-03	-9.345526e-03	-4.860430e-03
## SPAC23H4.21	-1.956270e-04	1.264511e-04	-3.719442e-04	4.008882e-04
## SPAC23H4.13c	7.579687e-04	-1.583354e-05	1.113689e-03	-5.534299e-04
## SPAC23H4.12	2.144983e-03	-4.825367e-04	-3.794942e-03	-1.166520e-03
## SPAC23H4.08	-6.653210e-04	9.638692e-04	-5.234187e-04	-1.854329e-04
## SPAC23H4.07c	-3.759362e-03	-5.085042e-05	2.425104e-03	-1.816368e-03
## SPAC23H4.05c	3.748823e-04	-1.675433e-04	2.164433e-06	-8.999299e-04
## SPNCRNA.746	-1.056707e-04	1.091476e-04	-2.735142e-04	-5.894560e-04
## SPAC23H4.04	-3.673437e-04	-3.699859e-04	7.749777e-05	-4.875688e-03
## SPATRNATHR.01	1.519450e-02	-4.264577e-03	1.917916e-02	5.651776e-03
## SPNCRNA.747	-2.472823e-04	-1.072754e-04	4.252526e-04	-1.505933e-04
## SPAP27G11.03	5.331426e-05	1.894216e-03	-2.741496e-03	-2.537161e-03
## SPAP27G11.05c	-1.363499e-03	-1.986505e-04	1.301002e-03	-2.021437e-03
## SPNCRNA.749	3.216741e-04	6.698739e-04	1.186424e-04	3.942352e-04
## SPAP27G11.09c	-3.922495e-03	-1.574822e-03	4.048793e-04	-7.535478e-04
## SPAP27G11.14c	-1.101154e-03	-6.212081e-04	1.292513e-03	-6.200829e-03
## SPAP27G11.15	-2.074497e-04	1.018130e-03	-4.050764e-04	-3.433639e-04
## SPAC343.01c	5.697785e-03	-8.440942e-04	3.534703e-03	-4.584839e-03
## SPAC343.03	1.903963e-03	4.343392e-04	2.189914e-04	-1.162817e-03
## SPAC343.04c	1.315048e-03	-6.618050e-04	-2.186926e-03	-4.568205e-04

## SPAC343.05	7.162761e-03	-1.886661e-03	1.164622e-02	-5.414840e-03
## SPAC343.08c	1.578947e-03	2.385301e-03	-5.054375e-03	-4.201951e-03
## SPAC343.07	-4.285975e-05	7.340558e-05	-5.478126e-04	2.744362e-04
## SPNCRNA.752	2.783311e-04	5.487679e-04	-1.825267e-04	-1.292331e-03
## SPAC343.10	3.142421e-03	4.603274e-03	-7.504979e-05	-4.805786e-03
## SPAC343.11c	2.712098e-03	-1.965569e-04	3.053472e-03	-2.999142e-03
## SPAC343.20	-3.050330e-03	-2.342702e-04	-2.652141e-04	5.553936e-03
## SPAC343.17c	-2.520235e-04	-1.311233e-03	-1.203084e-03	-3.838732e-03
## SPAC343.15	7.239086e-04	-5.006390e-04	1.183752e-03	2.229550e-03
## SPNCRNA.754	-4.576385e-06	9.304180e-06	1.515814e-05	-1.627059e-05
## SPAC824.04	1.967130e-03	9.629870e-04	2.508333e-03	-4.361343e-03
## SPAC824.05	2.809031e-03	-1.430623e-03	3.711217e-04	-5.774384e-03
## SPAC824.07	2.722891e-03	-2.601663e-03	-5.253907e-04	-1.863154e-03
## SPAC824.08	3.728349e-03	7.374954e-04	3.659116e-04	-4.210902e-03
## SPATRNLALS.01	6.122248e-04	2.625704e-03	-5.628086e-03	-7.288945e-03
## SPAC664.03	3.483928e-03	-1.885575e-04	-9.443120e-05	-3.099347e-03
## SPAC664.04c	3.614689e-03	3.231830e-03	-3.891496e-03	-2.868455e-02
## SPAC664.07c	-5.222849e-04	-6.890032e-04	4.312681e-04	-1.655130e-03
## SPAC664.08c	2.106972e-03	-3.826688e-03	-5.517690e-03	-8.174594e-03
## SPAC664.09	5.503587e-03	-3.442138e-03	-1.037269e-03	-3.729584e-03
## SPAC664.10	5.235030e-03	-1.660026e-03	5.973955e-04	-8.909236e-03
## SPAC664.11	-3.078998e-02	2.793493e-02	-1.561899e-02	2.947327e-02
## SPAC664.12c	2.896779e-03	-6.704217e-04	1.595816e-04	-1.440466e-03
## SPAC664.14	4.742633e-03	9.461482e-07	-1.931678e-03	3.255200e-03
## SPNCRNA.758	9.708808e-05	2.926408e-05	7.864549e-06	-9.484224e-05
## SPACUNK12.02c	8.835308e-04	-1.103406e-03	1.632422e-03	1.066289e-03
## SPAC105.01c	9.340432e-04	-1.369471e-03	-2.634560e-03	-3.587154e-03
## SPAC17A5.18c	-5.386976e-04	5.589016e-04	-1.502586e-04	-6.033661e-04
## SPAC17A5.02c	-1.392487e-03	7.526270e-04	-1.476859e-03	-3.295244e-03
## SPAC17A5.03	-1.169687e-02	-3.340386e-03	1.920920e-02	1.471901e-02
## SPAC17A5.04c	3.981759e-04	-1.905546e-03	2.534261e-04	-7.008996e-03
## SPAC17A5.19	6.478070e-05	3.814684e-04	-1.726864e-04	-1.046136e-03
## SPAC17A5.06	4.171160e-03	-4.676038e-04	1.227232e-03	-4.979699e-03
## SPAC17A5.08	5.751756e-03	2.372227e-03	-4.375319e-03	-3.203254e-03
## SPAC17A5.10	2.448462e-04	-2.445320e-04	-5.315091e-04	1.842911e-03
## SPAC17A5.11	-2.187760e-05	-6.936349e-05	-3.698241e-05	-3.107421e-05
## SPAC17A5.12	3.139421e-03	-1.031384e-03	-1.464175e-03	-1.235376e-03
## SPAC17A5.14	3.987348e-04	-4.552140e-03	2.284297e-03	-8.419141e-03
## SPAC17A5.16	1.138437e-03	-1.453029e-03	-2.893058e-03	1.521900e-03
## SPAC1610.01	-6.572630e-04	1.105723e-03	-2.842285e-05	-1.310176e-04
## SPAC1610.02c	1.354980e-03	-2.215375e-03	-1.848711e-04	-2.492247e-03
## SPAC1610.03c	5.179413e-04	-6.143446e-04	-7.927468e-05	-2.596035e-04
## SPAC1610.04	9.687934e-04	7.956770e-04	1.360562e-03	-1.592720e-03
## SPAC1002.02	1.107661e-03	-3.482419e-04	1.152971e-03	-3.568324e-04
## SPAC1002.03c	7.557332e-03	-3.843696e-04	1.394666e-03	-1.796431e-02
## SPAC1002.04c	6.134193e-04	4.498899e-04	-1.865508e-04	-3.595780e-03
## SPAC1002.05c	-1.390002e-03	1.333357e-03	3.063021e-04	-1.707957e-03
## SPAC1002.09c	-3.448854e-03	-2.157389e-04	-1.356218e-02	8.895670e-03
## SPAC1002.12c	-5.338864e-05	1.695197e-03	5.173460e-03	3.797006e-03
## SPAC1002.20	-3.454505e-04	1.081053e-04	-7.182950e-05	1.046052e-03
## SPAC1002.19	-1.327677e-02	-2.679323e-02	1.833911e-02	8.896656e-03
## SPAC1399.04c	-2.139389e-03	1.114807e-03	-6.955616e-04	-6.274495e-03
## SPAC1399.03	1.687547e-03	-2.776637e-03	4.047291e-04	-2.831054e-03
## SPAC1399.01c	-1.009752e-03	-3.573864e-04	8.326789e-04	-3.916653e-03

## SPAP11E10.02c	1.276264e-03	3.995372e-04	9.136250e-04	7.052451e-05
## SPAPB1A10.02	1.043007e-04	1.024158e-03	8.408377e-04	-1.409586e-03
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	2.381392e-03	-3.902312e-03	-6.697302e-03	-6.786213e-03
## SPAPB1A10.07c	-6.352321e-04	2.541963e-04	7.244273e-04	-3.229208e-03
## SPNCRNA.767	-4.957631e-04	1.264205e-04	-2.205265e-04	2.045653e-04
## SPNCRNA.768	5.225144e-04	1.619655e-04	6.607201e-04	1.246187e-04
## SPAPB1A10.08	2.092519e-03	-4.305293e-04	1.854505e-05	1.203697e-03
## SPAPB1A10.10c	1.089164e-03	5.699728e-04	2.729072e-03	-1.886404e-03
## SPAPB1A10.11c	1.408495e-03	-3.992348e-04	-5.051222e-03	-2.422914e-03
## SPAPB1A10.12c	1.870856e-03	2.010722e-03	-7.577890e-04	-1.987916e-03
## SPNCRNA.769	3.133623e-05	1.217120e-03	1.074494e-03	8.876525e-04
## SPNCRNA.770	5.257412e-05	1.097455e-04	-2.725635e-04	8.504423e-05
## SPAC140.02	9.876474e-03	-2.704464e-02	-1.933964e-03	-2.291243e-02
## SPNCRNA.771	-6.342990e-04	5.126483e-04	-6.057130e-04	-1.527893e-03
## SPAC140.04	-4.381392e-04	-5.950608e-04	4.224133e-04	-8.099845e-04
## SPAC110.02	2.330031e-04	-1.098276e-04	-1.594176e-03	-3.309210e-03
## SPNCRNA.773	-1.245644e-04	1.594087e-04	2.003578e-04	9.802183e-06
## SPAC110.04c	-1.326180e-02	1.090037e-02	-3.300454e-03	1.723903e-02
## SPAP14E8.02	4.204694e-03	3.731742e-03	-1.167821e-02	-4.352650e-03
## SPAP14E8.03	3.156120e-04	8.859228e-04	-1.382530e-03	1.982195e-03
## SPAP14E8.04	5.862849e-04	-4.284542e-04	-9.992497e-04	4.936540e-04
## SPAP14E8.05c	-2.357039e-03	5.797226e-04	-3.805419e-05	-1.578732e-03
## SPAC3H1.03	4.119049e-05	1.218819e-03	9.932068e-04	-7.165495e-04
## SPNCRNA.775	2.626685e-05	6.338528e-06	2.009917e-04	-5.569027e-04
## SPAC3H1.08c	-1.400330e-03	-2.961326e-04	1.422316e-03	-5.656354e-04
## SPNCRNA.776	-6.086787e-05	-1.248689e-04	-1.330733e-04	-6.806464e-04
## SPAC3H1.10	-1.784712e-03	1.698299e-03	7.524534e-04	-2.571377e-03
## SPNCRNA.778	-4.669522e-04	5.681611e-04	5.410106e-04	-3.018429e-04
## SPNCRNA.779	-3.069909e-05	-3.498262e-04	-1.177460e-03	-5.409462e-04
## SPNCRNA.780	-6.494431e-04	-4.786877e-04	-6.459783e-05	-8.845684e-04
## SPNCRNA.782	-4.948851e-05	8.415010e-04	5.156230e-05	-3.446849e-05
## SPAC3H1.11	9.680053e-03	-2.356609e-06	-8.738938e-03	-1.196511e-02
## SPAC3H1.14	-2.746865e-04	5.558878e-05	1.069138e-03	-3.223681e-03
## SPAC9G1.05	-1.967557e-03	1.138987e-03	-2.676479e-03	-2.157900e-02
## SPAC9G1.06c	-8.034153e-04	-6.885049e-04	-4.235785e-04	-5.690478e-04
## SPAC9G1.07	9.025627e-04	3.922152e-04	-5.257762e-04	-3.658166e-05
## SPAC9G1.11c	-6.268734e-04	-2.480992e-03	-4.926409e-04	-9.471386e-03
## SPAC9G1.12	4.091872e-03	-2.002166e-03	1.580183e-04	1.543662e-03
## SPAC767.01c	1.065486e-02	-9.755522e-03	-2.887249e-03	-3.020858e-03
## SPNCRNA.786	-9.571132e-04	2.552800e-04	-2.855845e-04	-2.939383e-04
## SPAC17H9.01	2.849007e-03	2.689967e-04	-2.080259e-03	-4.147613e-03
## SPAC17H9.05	2.643122e-03	-5.941233e-03	-9.510315e-03	-7.979516e-03
## SPAC17H9.06c	-3.471978e-04	7.005629e-05	-1.239547e-03	-4.854334e-03
## SPAC17H9.07	-1.659246e-03	1.265684e-03	3.006716e-05	2.429760e-03
## SPAC17H9.08	-4.218079e-04	-3.080628e-03	-8.522904e-04	-5.579272e-03
## SPAC17H9.11	-1.084856e-03	-3.375487e-04	-2.235599e-03	1.200174e-03
## SPNCRNA.788	1.668512e-04	1.024115e-04	5.132726e-04	3.035983e-04
## SPAC17H9.18c	1.707509e-06	-9.249497e-06	2.657622e-05	-1.324243e-04
## SPAC17H9.19c	-6.663476e-05	-6.041323e-04	-6.718021e-04	-9.669144e-04
## SPAC607.02c	1.850651e-05	-7.251949e-04	-8.676964e-04	-2.868929e-04
## SPNCRNA.789	-9.767669e-05	2.177488e-04	-1.922843e-04	2.853485e-04
## SPAC607.07c	2.265783e-03	-6.088502e-05	-1.872759e-03	1.266373e-03
## SPAC607.08c	3.439013e-03	-2.178928e-03	-6.495354e-04	6.498288e-05

## SPNCRNA.186	-7.394036e-05	1.496011e-04	7.003409e-05	2.828864e-04
## SPAC607.10	4.237088e-04	1.515494e-03	3.210956e-03	-6.836371e-03
## SPNCRNA.790	6.809535e-05	4.104076e-05	-2.434983e-05	4.480042e-05
## SPAC3C7.01c	-1.174994e-03	-1.025532e-03	-3.807206e-04	-2.598537e-03
## SPAC3C7.03c	6.530081e-04	5.875090e-04	1.395821e-03	-8.045907e-04
## SPAC3C7.04	8.593794e-04	-2.824775e-03	-3.898499e-03	-1.354482e-02
## SPAC3C7.05c	-1.038188e-02	-5.979605e-03	-1.141981e-02	1.409255e-02
## SPAC3C7.06c	-1.627261e-04	7.406873e-04	-1.081164e-03	-2.897593e-03
## SPAC3C7.07c	-6.802746e-04	2.804744e-06	-5.607929e-04	3.782950e-04
## SPAC3C7.10	-1.037585e-03	-5.773515e-04	-6.966559e-04	1.126364e-03
## SPAC3C7.11c	-8.631174e-03	1.999848e-03	3.420636e-03	3.259752e-02
## SPAC3C7.12	7.630744e-04	-1.717682e-03	-1.668271e-03	-9.094477e-03
## SPAC3C7.13c	6.593252e-03	-4.435861e-03	-1.904162e-03	6.300647e-03
## SPNCRNA.792	1.094549e-04	3.988514e-04	2.398933e-04	2.197052e-04
## SPAC3C7.14c	-1.188169e-02	-2.760316e-02	-1.530358e-02	-1.033283e-02
## SPAC25A8.01c	5.208330e-03	-1.715875e-03	-7.473240e-03	-4.541347e-03
## SPAC631.01c	6.935307e-04	6.144907e-04	-7.672479e-04	-1.162763e-03
## SPAC20H4.01	2.666832e-04	3.144495e-03	-3.531379e-03	1.052592e-03
## SPNCRNA.795	-1.292228e-07	4.949332e-05	4.842821e-04	-2.255253e-04
## SPAC20H4.05c	1.011665e-03	-4.104993e-04	-1.175097e-03	-9.845649e-04
## SPAC20H4.06c	-3.226619e-05	1.418867e-04	-6.399610e-04	-4.079570e-03
## SPAC20H4.07	-1.222750e-03	1.107437e-03	1.140589e-03	-7.112586e-03
## SPNCRNA.796	3.774162e-04	2.235633e-04	-4.523466e-04	-1.027642e-03
## SPAC20H4.11c	2.076282e-05	-4.615082e-06	-8.153889e-05	-9.889411e-04
## SPAC23C11.02c	2.093466e-02	-3.285879e-03	-3.633301e-02	2.588923e-02
## SPAC23C11.06c	-2.399050e-03	-3.824883e-03	-1.478633e-03	1.061492e-02
## SPNCRNA.798	-1.204518e-04	-7.334741e-04	-1.528572e-03	1.351476e-03
## SPAC23C11.07	3.181727e-04	-9.854845e-06	1.445947e-04	2.249484e-05
## SPAC23C11.12	-1.929854e-04	2.335130e-05	5.194021e-05	-9.456503e-04
## SPAC23C11.13c	5.187529e-03	-4.056371e-03	2.163464e-03	-7.073877e-03
## SPNCRNA.187	-3.825577e-05	3.590005e-05	-6.344076e-05	9.328489e-05
## SPAC23C11.16	3.249128e-03	4.369192e-04	-1.799713e-03	-9.669839e-04
## SPAC13F5.03c	6.184633e-04	1.949620e-04	-1.245794e-04	-1.008717e-03
## SPAC13F5.04c	6.307584e-04	-3.689272e-04	-1.965866e-04	-3.211933e-04
## SPAC13F5.05	-3.471371e-04	-1.127065e-03	1.191956e-03	-3.352262e-03
## SPAC1783.01	6.770293e-04	-4.718704e-04	-3.377826e-04	-1.744343e-03
## SPAC1783.03	2.132582e-03	4.850407e-04	7.673265e-05	-1.854358e-03
## SPAC1783.05	2.935952e-03	-3.917643e-03	-5.217015e-03	-1.393750e-02
## SPAC18G6.03	2.044191e-03	3.533159e-03	-2.381280e-03	-1.454709e-02
## SPNCRNA.805	8.466406e-05	-7.706531e-05	-8.759143e-05	1.314847e-04
## SPNCRNA.188	-2.563285e-05	2.732196e-05	2.019946e-04	-6.933794e-05
## SPAC18G6.15	1.102763e-03	-3.003779e-03	-5.142301e-03	-1.842729e-03
## SPAC13D6.01	2.437199e-03	-8.103973e-05	-2.677740e-04	-6.393453e-05
## SPNCRNA.807	-1.662380e-03	9.807950e-04	6.376098e-04	4.294945e-04
## SPAC13D6.03c	3.620828e-03	7.077626e-04	1.531659e-03	-5.715654e-04
## SPAC4G9.04c	1.527199e-03	6.423011e-05	-4.599217e-04	-2.318866e-03
## SPAC4G9.03	1.488695e-04	5.564442e-03	1.045574e-02	-9.223298e-03
## SPAC4G9.05	-1.883853e-05	2.507984e-04	1.539562e-04	4.651615e-04
## SPAC4G9.06c	6.797521e-04	8.254244e-04	-6.683335e-04	-8.275398e-04
## SPNCRNA.808	-3.643804e-04	-8.789399e-05	6.821774e-04	-2.715844e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	-5.668734e-05	9.262972e-04	-6.125309e-03	4.216798e-03
## SPAC4G9.10	-2.329759e-04	-5.233385e-04	1.582007e-03	2.392441e-03
## SPAC4G9.11c	2.369360e-03	3.632394e-04	6.603013e-04	-2.361130e-04

## SPAC4G9.12	-2.119895e-03	9.589481e-05	7.727617e-03	-1.437253e-03
## SPAC4G9.14	3.234138e-04	3.449528e-04	9.938278e-04	-2.975996e-03
## SPAC4G9.15	3.774726e-03	3.368202e-03	-1.161747e-02	-8.387645e-03
## SPNCRNA.809	1.842602e-05	1.112703e-04	-1.250514e-04	5.131925e-05
## SPAC4G9.19	5.954237e-04	-3.418611e-04	-5.897349e-04	3.298881e-04
## SPAC4G9.20c	-1.459782e-03	-1.328391e-04	1.860466e-03	-1.792597e-03
## SPNCRNA.810	-4.076898e-04	-9.295714e-05	3.282473e-05	8.056662e-04
## SPAC13G7.01c	2.474496e-03	-4.523867e-03	-8.683173e-04	-6.355362e-03
## SPAC13G7.02c	4.370414e-03	-3.627173e-02	4.339514e-02	-2.291826e-02
## SPAC13G7.03	8.770482e-04	-1.362973e-04	-3.746785e-04	-1.095065e-04
## SPAC13G7.04c	2.546929e-03	-1.026124e-04	-2.847836e-03	-8.244387e-04
## SPAC13G7.05	5.617075e-04	4.490289e-04	-7.737935e-04	-3.810664e-03
## SPAC13G7.06	3.445259e-03	-4.362707e-03	6.132251e-04	5.425845e-03
## SPAC13G7.10	3.388150e-05	7.596126e-04	3.672250e-04	-1.387747e-03
## SPAC13G7.12c	-3.397087e-03	9.018253e-04	-4.891601e-04	-7.854705e-04
## SPAC13G7.13c	-4.303216e-04	-6.132739e-04	-2.186208e-06	-2.195372e-03
## SPNCRNA.812	2.417894e-04	-7.849023e-05	6.130216e-04	-1.960995e-03
## SPNCRNA.813	-6.689063e-04	7.594493e-04	-4.032917e-04	5.947285e-04
## SPAC6C3.03c	-1.934320e-04	-5.779803e-05	2.776058e-04	-1.557230e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-1.233606e-03	-2.101631e-04	-1.060512e-04	-6.226294e-04
## SPNCRNA.815	-3.995409e-04	-2.771755e-04	-3.656038e-04	-1.384048e-04
## SPAC6C3.08	-1.423301e-03	1.744784e-03	8.519562e-04	6.413730e-04
## SPAC6C3.09	8.808229e-04	-1.476607e-03	2.631634e-04	1.386202e-04
## SPNCRNA.816	-1.729482e-04	-5.750931e-05	-5.798698e-04	-1.928934e-04
## SPAC17G8.03c	2.428122e-04	-2.047686e-04	1.162349e-03	4.045697e-04
## SPAC17G8.15	4.263750e-04	2.836021e-04	7.372122e-04	-7.461615e-04
## SPAC17G8.04c	4.312102e-04	-6.696591e-04	-6.345842e-04	1.057683e-03
## SPAC17G8.06c	1.775073e-02	-4.416519e-03	-9.812703e-03	8.358372e-03
## SPAC17G8.08c	6.845481e-04	3.846674e-03	2.005425e-03	-2.334021e-03
## SPAC17G8.11c	1.861787e-04	-1.291681e-03	4.770418e-04	-1.789666e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	2.868130e-04	6.168668e-04	-2.023643e-03	1.285823e-03
## SPAC17G8.14c	-8.058252e-04	1.146178e-04	2.252027e-04	8.558780e-04
## SPNCRNA.818	-1.203462e-05	-1.545139e-04	-6.837119e-05	5.407313e-05
## SPAC22H10.02	-7.464452e-05	-2.361871e-04	-3.351420e-04	7.543883e-04
## SPNCRNA.820	1.609096e-04	-1.196582e-04	3.361832e-04	2.082005e-04
## SPAC22H10.04	1.805963e-03	-7.489355e-05	5.678885e-04	-2.635100e-03
## SPAC22H10.05c	2.681500e-03	7.505407e-04	1.679557e-03	-8.759113e-03
## SPAC22H10.06c	-6.074440e-05	3.985223e-05	4.381502e-05	8.212385e-05
## SPAC22H10.07	-1.381385e-04	-2.001245e-03	-9.282385e-04	-1.943363e-03
## SPAC22H10.08	-6.983292e-05	-2.689088e-03	-5.631382e-04	-2.019860e-03
## SPAC22H10.11c	3.235219e-03	-5.811606e-03	-1.635321e-03	-1.288422e-03
## SPAC22H10.12c	4.034413e-03	5.860232e-04	1.165716e-02	7.565400e-03
## SPAC15F9.01c	6.146414e-05	-8.863935e-05	4.850899e-06	4.186340e-05
## SPNCRNA.822	-3.870542e-05	-2.581202e-05	-1.880619e-04	4.858132e-05
## SPNCRNA.193	-6.611353e-05	-3.954365e-05	-7.333970e-05	-4.762190e-05
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	7.690376e-03	5.585853e-04	-1.378430e-03	-7.015799e-03
## SPAC6B12.04c	2.191538e-03	1.073916e-03	-1.232015e-03	2.437557e-03
## SPNCRNA.824	6.006456e-05	-1.769252e-04	6.756359e-06	-6.244530e-05

## SPAC6B12.05c	1.601782e-04	-2.214119e-03	3.840917e-03	-4.603661e-03
## SPAC6B12.06c	-2.055574e-03	3.948921e-04	6.894334e-04	-1.041185e-03
## SPNCRNA.194	-2.169417e-04	1.440116e-04	-6.242263e-05	2.876907e-04
## SPNCRNA.825	5.818393e-05	-2.601305e-04	-1.901705e-04	1.248997e-04
## SPAC6B12.19	-3.225441e-04	1.297553e-04	2.555803e-04	-7.821345e-04
## SPAC6B12.09	1.273752e-03	2.599098e-03	-1.099407e-03	2.071623e-05
## SPAC6B12.10c	1.736993e-03	-2.588373e-04	-1.185864e-03	5.926091e-04
## SPAC6B12.11	7.988346e-04	-1.055067e-03	5.100145e-04	1.213095e-04
## SPNCRNA.43	-2.301070e-05	4.161931e-05	-1.349506e-04	3.608229e-05
## SPATRNNATHR.02	4.207405e-03	-3.264076e-04	6.830591e-04	-1.112541e-02
## SPAC6B12.12	1.541362e-02	1.214092e-02	-1.605611e-02	-7.398682e-03
## SPAC6B12.14c	7.849451e-04	-1.164153e-03	5.380342e-04	-2.665900e-03
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	-1.558978e-05	8.085328e-05	-3.109460e-05	1.073092e-05
## SPAC6B12.16	4.476328e-04	-1.255561e-04	1.360716e-04	-5.529997e-05
## SPNCRNA.827	-2.597368e-04	2.755787e-04	1.291519e-04	-2.901506e-05
## SPAC32A11.04c	7.941539e-03	-4.248524e-03	4.467232e-03	3.926749e-03
## SPAC32A11.01	2.080611e-03	-9.342076e-04	8.582429e-04	5.093168e-04
## SPAC32A11.03c	7.186691e-04	3.887778e-04	1.431510e-03	-9.273374e-03
## SPAC19A8.15	-1.069657e-02	1.011139e-02	1.141249e-02	1.201112e-02
## SPAC19A8.14	5.205498e-04	1.532374e-03	7.371007e-04	-4.050174e-03
## SPAC19A8.16	-4.457894e-03	9.886711e-04	-6.926237e-03	8.222218e-03
## SPAC19A8.06	-1.387252e-03	4.825430e-04	1.115479e-03	-4.463610e-03
## SPAC23H3.02c	2.092093e-03	1.644445e-03	1.642782e-03	1.675471e-03
## SPAC23H3.03c	3.745801e-04	4.293741e-04	1.421515e-03	-1.974783e-03
## SPNCRNA.558	5.977860e-06	5.662904e-06	-6.222764e-06	1.062651e-05
## SPNCRNA.830	2.949555e-04	-1.377151e-04	-1.626733e-04	-1.181440e-03
## SPAC23H3.07c	-7.111061e-05	6.102762e-04	1.380654e-03	-2.836540e-03
## SPAC23H3.09c	-1.373128e-03	-8.995766e-03	5.897975e-03	6.748162e-03
## SPATRNNACYS.02	2.327694e-03	2.273175e-03	-2.808744e-03	-3.042282e-03
## SPAC23H3.10	1.278465e-03	1.062658e-03	-2.116718e-03	-5.796087e-03
## SPAC23H3.11c	1.631066e-03	-7.846203e-04	-5.160418e-04	-1.289692e-03
## SPAC23H3.12c	8.865600e-04	4.535761e-04	9.827225e-04	-1.114172e-03
## SPAC23H3.14	2.460844e-03	-1.234205e-03	-6.415505e-04	4.519248e-04
## SPNCRNA.832	-3.937173e-04	1.154938e-03	-1.628182e-04	6.450980e-04
## SPAC25H1.02	3.183332e-03	-6.055646e-04	1.893442e-03	-1.113805e-03
## SPAC25H1.03	-4.632147e-05	1.132138e-03	-3.635980e-04	5.161438e-03
## SPAC25H1.10c	-8.596667e-04	6.702536e-04	-2.695959e-03	-2.289991e-03
## SPAC25H1.09	-3.566993e-04	-1.893831e-04	-1.327023e-03	-4.498215e-04
## SPAC4A8.02c	1.229143e-03	1.949318e-03	1.931959e-04	4.157391e-04
## SPAC4A8.03c	3.558974e-03	1.119076e-03	2.263841e-03	-1.582086e-03
## SPNCRNA.834	-5.905564e-04	8.622426e-04	-8.395741e-05	-4.613808e-04
## SPNCRNA.835	8.737932e-05	-5.634478e-05	-1.208416e-04	-5.276953e-05
## SPAC4A8.06c	2.377060e-03	1.124510e-03	-1.298216e-03	-1.098449e-02
## SPAC4A8.09c	2.999756e-04	1.502338e-03	1.577973e-03	-3.069239e-03
## SPAC4A8.11c	-5.157311e-02	-5.647973e-03	-4.177609e-02	4.477805e-02
## SPAC4A8.13c	-5.062345e-03	1.219081e-03	5.003457e-03	-9.638790e-03
## SPAC4A8.15c	8.720260e-03	1.490703e-03	-8.530097e-03	-3.720406e-03
## SPAC4A8.16c	2.069758e-02	-1.999591e-02	-2.926151e-02	1.506620e-02
## SPNCRNA.840	-1.457498e-04	-1.798472e-04	-6.041076e-04	1.353363e-03
## SPAC823.02	-4.091404e-03	5.935214e-03	6.785024e-04	4.987264e-03
## SPAC823.04	-1.580817e-03	-1.682462e-03	-1.577457e-04	-4.299146e-03
## SPAC823.05c	-1.738080e-03	-5.820001e-04	-2.551855e-03	-3.570842e-03
## SPAC823.06	2.757138e-04	-6.967881e-04	4.743846e-04	4.954735e-04

## SPAC823.08c	1.059237e-03	-1.814460e-03	-3.600730e-05	-1.679948e-03
## SPAC823.09c	9.539476e-04	2.672932e-04	2.082007e-03	-2.456405e-03
## SPAC823.10c	-9.791053e-04	1.106161e-03	-3.010797e-04	-1.895755e-03
## SPAC823.15	-1.005544e-03	8.290833e-04	-6.744842e-05	-4.233119e-05
## SPAC7D4.13c	2.674784e-03	-1.056676e-03	-2.093414e-03	-4.344707e-04
## SPAC7D4.12c	-1.690613e-04	3.745804e-04	-1.079107e-03	-7.956909e-04
## SPAC7D4.10	8.547502e-04	-7.370479e-04	7.722869e-05	-2.101480e-03
## SPNCRNA.842	1.829922e-04	-6.704107e-05	2.818361e-05	-6.394188e-06
## SPAC7D4.15c	7.158741e-04	-4.484508e-04	9.170046e-04	7.051692e-04
## SPAC7D4.07c	-1.199866e-02	5.346173e-03	1.296040e-02	1.886082e-02
## SPSNORNA.12	-8.636343e-03	4.344530e-02	5.220617e-02	-1.840448e-02
## SPAC7D4.05	-1.991913e-03	1.430966e-03	2.291485e-04	-3.244315e-03
## SPAC7D4.02c	8.495148e-04	-4.875899e-04	-7.994701e-04	-2.790383e-03
## SPAC4F8.13c	1.011962e-02	-3.146557e-03	-6.140180e-04	-1.550070e-02
## SPAC4F8.11	1.047647e-03	1.606767e-04	-2.170074e-03	-1.266774e-04
## SPAC4F8.08	-1.284563e-04	-1.355395e-04	-4.350114e-05	-9.887112e-05
## SPNCRNA.201	1.243390e-04	1.808406e-06	8.799504e-05	2.249058e-04
## SPAC4F8.06	3.065788e-03	-3.904357e-04	-4.665260e-04	-1.346606e-03
## SPAC4F8.05c	1.137572e-03	-6.407018e-04	-1.604665e-03	-1.967134e-03
## SPAC4F8.04	5.203559e-03	2.217511e-04	3.369705e-03	-1.058608e-03
## SPAC644.06c	4.054927e-03	1.252166e-04	-6.404817e-04	1.013217e-03
## SPNCRNA.844	-7.203745e-05	5.452067e-04	6.924061e-04	1.377720e-03
## SPATRNALYS.04	-1.518965e-03	-6.683966e-04	-8.226950e-04	8.918549e-04
## SPAC644.07	3.453024e-03	-1.800036e-03	-5.004555e-04	-1.248958e-03
## SPAC644.09	-1.841152e-03	2.202645e-03	1.468267e-03	-7.828270e-03
## SPAC644.10	9.849946e-04	1.542352e-03	-3.511863e-05	-6.354199e-04
## SPAC644.12	2.132955e-03	-3.686122e-03	-1.427748e-03	-1.032282e-02
## SPAC644.13c	-1.057481e-04	5.237960e-03	9.930726e-04	-5.886366e-03
## SPAC644.17c	-5.198369e-04	1.804831e-03	9.258043e-04	8.497582e-04
## SPNCRNA.198	-9.648245e-05	-3.198879e-05	-3.685821e-05	-2.503477e-05
## SPAC644.18c	1.951701e-03	-7.805407e-04	4.166733e-04	-1.024606e-03
## SPAPB2B4.01c	-6.365602e-04	1.999571e-04	-7.385083e-04	1.769271e-03
## SPSNORNA.54	4.581622e-03	1.232018e-02	2.111865e-02	-8.320186e-03
## SPNCRNA.846	1.102803e-04	-1.281621e-04	1.287646e-04	3.598363e-04
## SPAPB2B4.05	2.294723e-03	1.785877e-03	3.753199e-03	3.555823e-04
## SPAPB2B4.06	3.792083e-04	2.755299e-04	-2.146827e-03	-1.252644e-03
## SPAPB2B4.07	1.097628e-03	-1.365519e-03	-1.992016e-03	-4.723812e-03
## SPAC6F6.01	4.636601e-03	-2.170054e-03	-1.180302e-03	-9.198002e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-2.060922e-05	-2.639515e-05	2.222685e-05	-1.168218e-04
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	1.614440e-05	4.676990e-05	4.209229e-05	2.404614e-04
## SPAC6F6.05	-2.967845e-03	4.960205e-03	-3.041301e-03	4.669590e-03
## SPAC6F6.06c	7.857550e-03	3.930700e-03	-2.335496e-03	-7.716244e-03
## SPAC6F6.07c	-9.368065e-03	2.658687e-02	1.139069e-02	4.648113e-02
## SPAC6F6.12	-2.843396e-03	1.012003e-03	-3.616858e-03	-2.144045e-03
## SPNCRNA.850	-1.173650e-05	2.452148e-04	1.960442e-04	-2.152203e-04
## SPNCRNA.851	1.822639e-04	-8.958815e-05	1.902525e-04	-2.375846e-04
## SPAC6F6.19	1.047581e-03	-9.305418e-04	6.330910e-05	5.334371e-05
## SPAC6F6.15	6.349404e-04	-5.556794e-04	3.501805e-03	-2.625025e-03
## SPAC6F6.16c	-8.662008e-04	-7.010316e-04	-3.756121e-04	-4.924343e-04
## SPAC1805.01c	1.318328e-03	4.414602e-03	-3.679638e-03	-8.149945e-03
## SPAC1805.02c	-2.269553e-03	8.313268e-04	-1.961889e-03	2.037791e-03
## SPAC1805.06c	1.952084e-03	3.137018e-03	-6.720538e-03	6.216607e-03

## SPNCRNA.853	7.877106e-05	-3.125331e-04	2.418064e-04	-1.426095e-04
## SPAC1805.07c	3.812115e-04	-7.753587e-04	6.858797e-04	7.186151e-04
## SPNCRNA.854	-8.816163e-05	7.547471e-05	7.312026e-04	-1.987343e-04
## SPAC1805.08	1.214292e-03	-1.570472e-03	-4.877051e-04	1.616288e-03
## SPAC1805.18	6.083431e-04	-3.638733e-04	2.869171e-04	-4.852290e-04
## SPAC1805.09c	4.638490e-04	-4.925660e-04	1.057080e-03	-1.424440e-03
## SPAC1805.10	3.134465e-03	-7.441947e-04	3.551121e-04	-1.615037e-03
## SPAC1805.12c	1.702681e-02	4.899399e-03	-1.771449e-03	-1.822560e-02
## SPAC1805.13	-1.253318e-02	-2.104089e-02	6.145430e-03	4.058369e-03
## SPATRNALEU.02	9.533341e-03	-8.273799e-03	-3.944403e-03	5.112910e-03
## SPAC1B2.02c	-1.639199e-04	1.379473e-03	-1.802341e-03	-5.746549e-03
## SPAC1B2.03c	2.433203e-02	-1.118149e-03	-1.719232e-02	-1.252899e-02
## SPAC1B2.04	3.137986e-03	2.525625e-03	2.557207e-03	-3.353830e-03
## SPAC1B2.05	-3.708576e-03	1.613117e-03	3.740757e-04	-1.996306e-03
## SPAC3F10.03	1.577952e-02	1.958495e-03	-8.595357e-03	-1.256408e-02
## SPAC3F10.04	1.662756e-03	-5.854342e-04	-3.047288e-03	-5.563824e-04
## SPAC3F10.06c	1.330836e-03	-2.964395e-04	-1.428382e-03	1.386669e-04
## SPNCRNA.855	2.226739e-04	-2.062867e-05	-1.418228e-04	4.138619e-04
## SPAC3F10.09	3.794954e-03	-1.701062e-03	2.146985e-03	-8.539136e-03
## SPAC3F10.11c	1.059853e-02	-8.445911e-03	-1.094274e-02	-1.494145e-02
## SPATRNNATHR.03	6.178944e-03	3.847881e-03	6.149685e-03	-5.313190e-03
## SPAC3F10.15c	8.691818e-04	-4.129060e-05	-3.431261e-03	-1.307959e-03
## SPAC3F10.13	-3.919251e-03	-1.898647e-03	-1.509194e-03	2.039111e-03
## SPAC3F10.16c	1.008798e-02	-1.279182e-03	-7.683517e-03	-1.007989e-02
## SPAC3F10.17	1.160818e-03	-7.147586e-04	-1.267624e-03	-1.221354e-02
## SPAC3F10.18c	-3.107111e-04	6.045111e-03	-1.169733e-02	-1.299164e-02
## SPAC8F11.03	2.394305e-03	2.723902e-03	3.355683e-03	-6.778167e-03
## SPNCRNA.856	4.172662e-04	-2.219729e-04	1.136308e-04	-6.884536e-04
## SPAC8F11.04	-2.509114e-03	-3.640253e-03	-7.205665e-03	2.977117e-03
## SPAC8F11.08c	1.515037e-03	1.049584e-02	-2.632999e-03	6.432504e-04
## SPAC8F11.09c	7.951706e-04	1.150040e-03	-4.586455e-04	-1.966408e-03
## SPNCRNA.857	-1.649950e-03	-7.550799e-04	8.016029e-04	-2.677230e-03
## SPACUNK4.17	1.433033e-01	-2.275550e-02	4.125343e-02	-2.821186e-02
## SPACUNK4.19	1.264310e-04	2.711134e-04	3.936234e-04	6.387313e-04
## SPACUNK4.16c	2.398867e-02	-4.384699e-03	6.998215e-03	-8.377829e-03
## SPACUNK4.15	-5.903093e-03	5.271862e-03	2.160469e-03	-8.363256e-04
## SPACUNK4.14	6.663420e-04	-2.022516e-04	-1.348707e-03	4.208247e-04
## SPNCRNA.56	3.159652e-04	2.064231e-04	-3.637765e-04	1.875353e-04
## SPACUNK4.12c	1.183391e-02	-4.159283e-04	-7.361974e-03	-5.011315e-03
## SPACUNK4.11c	-4.924418e-04	-8.439475e-04	1.270663e-04	-2.434994e-03
## SPACUNK4.20	-1.200355e-04	2.582053e-04	7.261778e-04	9.431643e-05
## SPACUNK4.09	-3.862674e-04	3.412649e-04	-9.199686e-04	-1.765663e-03
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	6.323057e-03	-2.676582e-03	-2.931283e-03	-1.252756e-02
## SPAPYUK71.03c	1.549985e-02	-4.648606e-03	1.163103e-02	-7.988361e-03
## SPNCRNA.209	-1.921057e-04	-2.633458e-04	-4.662773e-05	-3.240245e-04
## SPAC513.04	-1.972226e-04	1.859514e-04	8.508502e-05	-1.515428e-05
## SPAC513.06c	2.174998e-04	-2.617686e-04	3.040059e-03	9.299277e-04
## SPAC513.07	9.970537e-03	-1.290101e-02	3.614190e-03	1.826687e-02
## SPAC2E1P3.02c	3.567052e-04	4.792845e-04	-3.987788e-04	4.969288e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-1.282083e-04	-7.879175e-05	-7.382358e-05	3.206688e-04
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-6.462047e-03	4.975118e-03	3.027252e-03	-9.178559e-04

## SPNCRNA.861	-1.644126e-03	1.173746e-03	-1.633469e-04	-3.222858e-05
## SPNCRNA.862	1.320886e-03	-1.584943e-04	-2.245477e-04	-4.322238e-03
## SPNCRNA.863	-1.360542e-03	-4.176615e-04	-6.630566e-04	4.950120e-04
## SPAPB24D3.01	-7.767251e-04	1.253908e-03	1.740728e-03	-2.223396e-03
## SPAPB24D3.02c	1.916404e-03	6.040956e-04	-6.887957e-04	-7.778808e-03
## SPAPB24D3.03	-4.193550e-04	3.316324e-03	1.855083e-03	-3.400444e-03
## SPAPB24D3.04c	1.041943e-03	-1.050955e-03	4.447629e-04	-8.253239e-04
## SPAPB24D3.07c	4.545648e-03	1.924152e-03	-1.421071e-02	-9.195161e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	7.546540e-03	-1.535875e-03	-1.990361e-03	-1.141749e-02
## SPAPB24D3.10c	7.910517e-04	-2.899116e-05	-3.919640e-04	2.348777e-05
## SPNCRNA.867	-7.935067e-05	-8.280940e-04	-3.975614e-04	-1.851586e-03
## SPNCRNA.868	4.859683e-05	-1.480461e-04	-4.551866e-05	-2.488144e-05
## SPNCRNA.869	-2.115294e-04	-2.271452e-05	1.402490e-04	1.065063e-04
## SPAPB1A11.04c	2.826826e-03	3.367974e-04	-1.822048e-04	-8.824881e-03
## SPAC31G5.02	1.420287e-03	-4.648069e-03	8.897729e-04	-6.396886e-03
## SPNCRNA.870	5.188226e-05	3.095451e-05	8.004194e-05	1.150731e-04
## SPAC31G5.04	-1.029856e-02	6.778410e-03	4.162236e-03	1.328763e-02
## SPAC31G5.06	9.084387e-04	4.729976e-04	-1.180236e-04	1.530667e-04
## SPNCRNA.871	4.117476e-05	-8.138630e-06	-6.495797e-05	-5.491010e-04
## SPAC31G5.08	4.831729e-03	-3.516479e-03	-2.095702e-03	-7.072402e-03
## SPNCRNA.71	-3.150653e-04	2.359333e-04	-1.478813e-04	-1.148475e-05
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	1.944598e-04	4.475854e-04	-2.952877e-04	-4.854966e-04
## SPAC31G5.11	2.947642e-03	-2.939589e-04	-2.217452e-03	-3.033957e-02
## SPAC31G5.21	1.931880e-03	-1.237130e-03	2.538848e-04	-2.722426e-03
## SPNCRNA.874	2.921627e-04	5.263998e-05	-5.761775e-04	8.576052e-06
## SPAC31G5.14	-4.603082e-03	-1.653977e-03	-3.625288e-03	2.603808e-03
## SPAC31G5.16c	2.760349e-03	-3.113851e-03	3.182372e-03	-3.249761e-03
## SPAC31G5.18c	2.272003e-04	1.332220e-03	4.320602e-04	-5.587435e-03
## SPAC31G5.19	3.753507e-03	6.171802e-06	-1.111485e-04	3.854715e-04
## SPNCRNA.876	-3.407458e-07	3.508247e-04	3.710227e-04	-4.133868e-04
## SPNCRNA.877	2.111759e-04	-7.707851e-05	3.781823e-06	-1.466454e-04
## SPAC1786.02	-1.752349e-03	4.329860e-03	2.261226e-03	-9.239421e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	1.630502e-03	-1.847256e-03	-1.744918e-03	5.254764e-04
## SPAC24C9.02c	-1.368465e-03	9.896019e-04	9.348650e-04	-3.017198e-04
## SPAC24C9.04	-3.101153e-04	5.066344e-04	9.190059e-06	1.397905e-03
## SPAC24C9.05c	9.013381e-03	-3.683534e-05	-1.012662e-03	-7.094048e-03
## SPAC24C9.07c	3.448151e-04	-3.150619e-04	-1.058552e-03	-1.359747e-03
## SPNCRNA.881	-3.155348e-04	3.818483e-04	-2.313611e-04	2.958740e-04
## SPNCRNA.882	-7.382764e-05	7.600282e-07	3.341675e-05	1.335029e-04
## SPAC24C9.08	-2.770402e-03	-4.009343e-05	4.722077e-03	-3.199795e-03
## SPAC24C9.10c	1.021498e-03	1.278558e-04	4.680099e-04	-1.811272e-03
## SPAC24C9.11	2.128357e-03	-1.683693e-03	-4.885220e-03	-4.978843e-03
## SPAC24C9.12c	-6.714417e-03	-5.519872e-03	8.366656e-03	1.976371e-02
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	1.634830e-04	3.612388e-05	-2.162241e-03	5.836271e-05
## SPNCRNA.884	2.007176e-05	5.945336e-05	4.307905e-05	7.394053e-05
## SPATRNALYS.05	-8.863628e-04	-4.464468e-05	-8.072149e-05	-1.639536e-04
## SPAC16A10.05c	8.024704e-05	5.063387e-06	-1.066528e-03	1.724484e-03
## SPAC16A10.06c	8.488674e-04	3.172915e-04	1.085652e-03	-7.553289e-04
## SPAC16A10.07c	1.704861e-03	-4.304215e-04	-2.594793e-03	-7.650140e-03
## SPNCRNA.885	-2.468088e-05	8.465584e-04	8.288360e-05	-7.084542e-04

## SPAC16A10.08c	-3.272170e-04	5.938239e-04	-1.351036e-03	-8.818001e-04
## SPAC589.03c	-1.637202e-03	-2.592427e-04	-5.789245e-05	-1.680363e-03
## SPAC589.06c	-2.741948e-03	6.513828e-03	9.912091e-03	1.025189e-02
## SPAC589.08c	9.799700e-04	-4.630442e-04	2.745758e-04	-1.345838e-03
## SPAC589.11	1.451362e-04	3.129489e-04	-1.816105e-04	3.689723e-04
## SPAC688.02c	6.724978e-04	1.176724e-03	-1.037186e-03	-1.092858e-05
## SPAC688.06c	4.500097e-05	3.412880e-04	3.517887e-04	-1.668774e-04
## SPAC688.07c	5.534707e-03	3.471960e-03	-8.220976e-03	-5.336473e-03
## SPAC688.08	2.320034e-03	1.387146e-03	-5.106183e-03	-2.224896e-03
## SPAC688.09	3.233045e-03	-8.286713e-04	-2.828423e-03	-2.420187e-03
## SPNCRNA.888	-7.058255e-04	6.869913e-04	-5.238678e-04	3.088682e-04
## SPNCRNA.889	-4.652783e-04	-1.224727e-04	-2.818049e-05	-6.396455e-04
## SPAC688.13	2.001505e-04	1.372451e-03	-1.196921e-03	-6.085323e-04
## SPNCRNA.890	-1.261386e-04	-6.498128e-05	-4.935290e-04	6.779544e-05
## SPAC688.14	6.386106e-04	2.727368e-04	-1.880004e-03	-1.966246e-03
## SPAC688.16	-7.608227e-04	6.533298e-04	1.980601e-04	2.024439e-03
## SPNCRNA.891	-2.391955e-04	-7.522877e-05	3.433665e-04	-4.735817e-04
## SPAC3G9.15c	1.811257e-03	-1.320164e-03	5.008275e-05	1.517413e-03
## SPNCRNA.216	-4.437145e-06	-1.416312e-05	-2.377141e-05	-7.973051e-05
## SPAC3G9.13c	2.256694e-03	-4.844357e-04	-1.854408e-03	5.613580e-04
## SPNCRNA.217	8.678261e-05	-1.076175e-04	-6.108389e-05	1.642843e-04
## SPAC3G9.11c	9.286964e-05	1.009453e-04	-7.810862e-05	1.131211e-03
## SPAC3G9.17	3.247948e-04	7.145356e-05	3.083786e-04	-1.102542e-03
## SPATRNATHR.04	1.261204e-02	9.273712e-03	-2.060015e-02	-5.261545e-02
## SPNCRNA.218	6.130063e-04	1.939167e-04	-3.435037e-04	7.580449e-06
## SPNCRNA.892	2.225721e-04	5.127966e-04	-3.441948e-04	-7.786054e-04
## SPAC3G9.09c	1.350335e-02	-4.594580e-03	-7.474075e-03	1.142457e-02
## SPAC3G9.07c	1.313715e-03	-4.937204e-04	4.247663e-04	-4.877892e-03
## SPAC3G9.06	7.765482e-03	2.925733e-03	-2.789818e-03	-1.098603e-02
## SPAC3G9.03	5.615684e-02	9.211397e-03	1.901247e-02	-7.814253e-02
## SPAC3G9.01	1.684078e-04	-4.887062e-04	-5.885273e-04	-1.874807e-04
## SPAC1486.01	-7.875603e-04	-7.326482e-03	-8.171060e-04	2.294126e-03
## SPAC1486.05	3.882151e-02	-1.900419e-02	-2.109434e-02	-5.536921e-02
## SPNCRNA.894	-2.356298e-04	7.569882e-05	-2.862543e-04	-2.475148e-04
## SPAC1486.11	-6.171992e-04	2.909046e-04	7.684499e-04	-2.912075e-04
## SPAC1486.07c	-9.974767e-04	1.969843e-03	1.553154e-03	3.815063e-04
## SPAC1486.08	1.545544e-03	3.914649e-04	-1.291369e-03	-5.543757e-04
## SPAC1486.10	4.032185e-03	-2.912301e-03	-7.695020e-04	-7.684761e-03
## SPAC6G10.02c	4.020709e-03	-4.369189e-03	-2.017425e-03	-2.097516e-02
## SPAC6G10.03c	2.651347e-03	-3.255483e-03	-4.032047e-05	2.892657e-04
## SPAC6G10.04c	5.106294e-03	-7.781202e-04	-8.583385e-03	1.591744e-04
## SPAC6G10.05c	8.125115e-03	-4.244945e-03	-1.448685e-03	-8.295563e-03
## SPNCRNA.896	9.609519e-04	-4.285454e-04	-8.323993e-04	1.067267e-04
## SPAC6G10.07	-4.940763e-03	-1.833905e-04	-2.682545e-03	-1.274745e-03
## SPAC6G10.08	5.321182e-03	9.204399e-04	-6.833806e-03	-4.868498e-03
## SPAC6G10.09	3.269721e-03	-5.066375e-03	-1.049271e-02	-1.549931e-03
## SPAC6G10.10c	-7.665777e-04	2.357422e-04	4.891499e-05	-1.444431e-04
## SPAC6G9.02c	5.912666e-03	-3.045805e-03	-8.985416e-04	-1.583904e-02
## SPAC6G9.03c	1.403201e-03	-8.374983e-04	-3.875627e-04	-1.359677e-03
## SPAC6G9.09c	-3.355867e-03	1.096997e-02	6.384431e-03	-1.859337e-03
## SPAC6G9.12	2.500379e-03	1.401499e-03	-3.474111e-03	6.488598e-03
## SPNCRNA.899	2.574815e-04	3.357823e-05	-1.325373e-04	2.813761e-04
## SPAC6G9.15c	2.705686e-03	-5.924699e-04	-4.657210e-04	-5.130098e-03
## SPAPB1E7.01c	7.469720e-04	-4.641710e-04	-5.378978e-04	1.277769e-03

## SPAC652.01	2.079520e-04	9.880329e-04	-1.921855e-03	-1.700955e-04
## SPAPB1E7.03	-1.996870e-03	1.605860e-03	2.499766e-04	-3.772132e-03
## SPAPB1E7.04c	3.391355e-03	4.576764e-03	-2.119176e-02	-2.551822e-02
## SPAPB1E7.06c	1.118622e-03	-6.038791e-04	-3.155336e-05	-1.749310e-03
## SPNCRNA.900	-2.771024e-04	1.155833e-04	5.626971e-04	-5.722147e-04
## SPAPB1E7.07	1.452639e-02	-2.327160e-02	4.006183e-02	1.339628e-02
## SPNCRNA.901	1.899766e-04	3.729445e-04	3.194861e-05	-1.985578e-04
## SPSNORNA.43	4.588941e-06	-2.755188e-06	7.930967e-06	6.766465e-06
## SPAPB1E7.10	1.184078e-05	2.165383e-04	-2.907843e-04	9.072964e-04
## SPAC2E1P5.01c	5.914680e-03	-2.329577e-03	2.615759e-03	-6.466742e-03
## SPAC2E1P5.03	3.280888e-03	1.132391e-03	-1.120148e-03	-8.054682e-03
## SPAC2E1P5.05	8.734450e-03	-2.094542e-03	-6.512996e-03	-1.016779e-02
## SPAC26A3.02	2.325182e-03	1.111926e-03	-1.191937e-03	-7.339148e-03
## SPAC26A3.05	2.268258e-02	-3.272472e-03	-2.277173e-02	-3.416907e-02
## SPAC26A3.08	-3.601581e-03	1.838826e-03	-4.643434e-04	-2.233386e-03
## SPAC26A3.09c	-1.524808e-03	1.075264e-03	-7.711665e-04	-3.763036e-03
## SPAC26A3.10	9.326144e-03	-2.915627e-04	-2.499283e-03	-1.002261e-02
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	-6.729587e-04	-3.404688e-03	-3.721792e-03	1.658672e-03
## SPAC8E11.12	-1.711063e-05	-1.222871e-04	1.101677e-05	3.203426e-04
## SPNCRNA.903	2.151776e-04	-2.958355e-04	1.857480e-04	-1.178016e-04
## SPAC8E11.08c	-1.161945e-04	-1.605921e-04	-2.611540e-05	8.116934e-04
## SPAC8E11.06	1.989812e-04	1.242699e-04	2.233234e-04	1.771686e-04
## SPAC8E11.04c	-3.584110e-03	3.012811e-03	8.403281e-04	-9.191479e-04
## SPNCRNA.904	-1.816047e-04	-7.152893e-04	-9.584185e-05	1.421723e-03
## SPAC8E11.03c	2.538972e-04	-2.057070e-04	1.104033e-04	-2.511383e-05
## SPAC8E11.02c	-1.501434e-02	1.771698e-03	-3.318119e-03	1.582577e-02
## SPAC959.02	3.368920e-03	-2.445820e-03	-4.845176e-04	-1.029312e-03
## SPAC959.03c	-1.051085e-03	-9.800586e-05	-1.437811e-03	-1.172703e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-6.427104e-04	-2.556924e-04	6.672549e-05	1.086830e-03
## SPAC959.05c	-6.757010e-04	-1.291530e-03	1.238811e-04	-2.668486e-03
## SPAC959.07	-1.851177e-02	1.069786e-02	3.834481e-02	2.204907e-02
## SPAC959.09c	1.107773e-03	-8.458178e-04	8.468372e-04	-1.258099e-03
## SPAP32A8.02	3.590126e-03	1.206425e-04	-4.386067e-03	-4.491444e-03
## SPAP32A8.03c	6.650620e-04	8.851690e-04	1.358535e-03	-1.701857e-03
## SPAC3H5.10	3.352891e-02	-3.360555e-03	-2.217294e-02	2.007774e-02
## SPAC3H5.08c	1.654010e-03	-2.321993e-03	-7.147330e-04	-6.310577e-03
## SPAC3H5.06c	-3.217844e-03	-1.636345e-04	-2.982671e-03	-6.993719e-03
## SPAC3A11.13	-6.469359e-04	-4.449997e-04	5.943799e-04	6.058692e-04
## SPAC3A11.12c	2.123064e-03	-5.958030e-03	4.793113e-03	3.132119e-03
## SPAC3A11.10c	-1.193685e-03	1.867239e-03	-2.951989e-03	1.956029e-03
## SPAC3A11.09	2.931693e-03	-3.053734e-03	-4.700186e-03	-3.951075e-03
## SPNCRNA.909	-1.655353e-03	1.075733e-03	-1.587718e-03	3.887935e-04
## SPNCRNA.910	5.084160e-04	-4.340115e-04	-1.939948e-04	4.459275e-04
## SPAC3A11.05c	2.336079e-04	1.926913e-04	6.972584e-04	8.933404e-04
## SPAC3A11.04	1.766841e-04	4.650531e-04	-9.234702e-04	4.621382e-04
## SPAC3A11.03	-1.170730e-03	-6.491779e-04	9.732459e-04	-1.237000e-03
## SPAC3A11.02	-7.558168e-05	3.162682e-03	-1.648671e-03	-3.048287e-03
## SPAC328.04	-4.138603e-04	8.042902e-04	-8.162063e-04	1.003420e-03
## SPAC328.05	7.343841e-04	-2.440559e-04	-1.157107e-03	2.767759e-04
## SPAC328.06	9.384714e-04	4.940173e-03	6.645201e-04	-1.233719e-02
## SPAC328.08c	6.313638e-04	-7.762234e-05	-5.478896e-04	-6.680150e-04
## SPAC328.10c	1.066111e-02	-4.794531e-03	-2.529010e-02	1.761424e-03

## SPNCRNA.222	-1.377660e-05	4.276654e-05	-7.397543e-05	-5.779595e-05
## SPAC16E8.02	-2.418631e-04	-1.502597e-04	9.675446e-05	1.004983e-03
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	-7.878110e-04	4.902691e-04	-1.092005e-04	3.179137e-04
## SPAC16E8.06c	7.738426e-03	-5.468424e-03	-2.463363e-03	-1.271171e-02
## SPAC16E8.07c	1.220079e-02	-5.131143e-03	-4.400911e-03	-2.026390e-03
## SPAC16E8.09	1.159430e-03	-1.157945e-03	2.424383e-03	4.903650e-06
## SPAC16E8.13	-4.710228e-04	-1.764932e-03	-9.458606e-04	1.678753e-03
## SPAC16E8.15	2.520070e-03	7.269771e-04	2.588183e-03	-4.779975e-03
## SPAC16E8.18c	3.579048e-05	-6.974980e-04	1.289984e-03	-4.848188e-04
## SPAC1B1.01	-2.211617e-03	-1.038593e-03	1.637266e-03	-1.107549e-03
## SPNCRNA.915	-3.296003e-04	1.808235e-04	2.634132e-04	-9.812038e-05
## SPAC17A2.01	-2.417669e-04	5.776243e-04	2.168275e-04	-1.234437e-03
## SPAC17A2.02c	-1.361957e-03	2.679768e-03	-6.889455e-04	-1.434791e-03
## SPAC17A2.04c	2.732509e-03	-2.154860e-03	-3.531579e-04	-2.451622e-03
## SPNCRNA.124	2.248132e-05	4.674972e-05	3.308821e-05	-2.444393e-05
## SPATRNNATRP.01	-3.772169e-05	4.117925e-04	-1.022259e-03	-1.129155e-03
## SPAC17A2.05	-6.689116e-04	-8.233937e-04	2.098270e-04	-4.968041e-03
## SPAC17A2.06c	9.828851e-04	-3.466764e-04	-3.177373e-03	-2.628211e-03
## SPAC17A2.07c	2.288897e-04	-6.840303e-04	-5.939098e-04	1.042251e-03
## SPAC17A2.08c	1.011606e-03	-1.507212e-03	4.357162e-06	-1.198044e-03
## SPAC17A2.09c	7.941697e-03	-3.318594e-03	-7.153245e-03	-1.435151e-02
## SPAC17A2.10c	-4.334753e-04	-3.469969e-05	-2.680307e-04	-2.928489e-04
## SPAC17A2.11	-1.544652e-04	1.386508e-05	5.467297e-05	4.167273e-06
## SPNCRNA.920	-3.427513e-04	2.546521e-04	5.042522e-04	-1.628976e-03
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	2.251982e-03	-3.132295e-04	-3.881080e-04	-1.510933e-03
## SPATRNNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	2.384695e-03	3.701809e-04	8.175159e-04	-6.614192e-03
## SPAC17G6.05c	1.661502e-03	-2.874664e-04	-2.015122e-03	-2.670319e-03
## SPAC17G6.06	5.165269e-03	2.040506e-02	-6.244650e-02	-2.209621e-02
## SPAC17G6.08	2.063441e-03	4.736931e-04	-7.438499e-04	-4.131597e-03
## SPAC17G6.10	5.635300e-03	-5.210676e-03	-2.012000e-03	-3.608860e-03
## SPAC17G6.11c	5.203840e-03	-5.319608e-04	-3.118007e-03	-1.461249e-02
## SPNCRNA.921	2.024176e-04	-2.281596e-05	-2.813097e-05	7.658111e-05
## SPAC17G6.13	1.001721e-02	-8.321357e-03	1.939144e-02	-1.207930e-02
## SPAC17G6.14c	1.243244e-02	1.923466e-03	-5.695235e-03	-7.837195e-03
## SPAC17G6.15c	-7.029195e-04	-4.026941e-04	-6.105441e-04	2.226525e-03
## SPAC17G6.16c	-4.389303e-03	1.988971e-03	-1.480813e-03	-2.420125e-03
## SPAC17G6.17	1.222710e-03	-3.052070e-03	1.181612e-03	-2.848488e-03
## SPAC1142.01	6.829195e-04	-2.179586e-03	-3.363506e-03	-6.730974e-03
## SPAC1142.02c	4.479718e-03	5.529537e-03	-2.885923e-04	-6.118104e-03
## SPAC1142.04	7.448815e-03	5.589570e-03	-6.633537e-03	-6.999189e-03
## SPNCRNA.923	-4.594279e-05	8.630543e-05	3.184378e-05	2.259950e-05
## SPAC1142.05	-2.346861e-03	8.177193e-03	3.346605e-03	-9.641392e-03
## SPAC1142.06	-9.710911e-05	4.416334e-03	-8.307837e-04	-2.377613e-03
## SPAC1142.07c	5.521119e-03	-1.621148e-03	4.957137e-04	7.615613e-04
## SPAC1142.08	7.010317e-04	-1.434222e-03	-1.865634e-03	-5.958342e-04
## SPAC1142.09	-8.261255e-05	-4.512868e-05	-1.047428e-04	-5.681065e-05
## SPNCRNA.925	-1.800617e-04	-7.415254e-05	-5.555223e-04	9.161882e-04
## SPAC8C9.04	1.132173e-02	-8.051542e-03	-2.191812e-03	-3.743054e-03
## SPAC8C9.07	4.231286e-04	-3.908805e-03	1.796135e-04	-5.780187e-04
## SPAC8C9.08	2.894437e-02	-4.154149e-02	-2.991241e-02	3.114787e-02

## SPAC8C9.09c	3.835608e-04	-8.757733e-04	4.933213e-04	-2.504161e-03
## SPAC8C9.11	6.298912e-04	-7.938681e-05	-8.541842e-04	3.204056e-04
## SPNCRNA.228	1.783015e-04	6.826855e-04	6.376585e-04	-8.368920e-04
## SPAC8C9.19	1.920978e-04	-2.597506e-04	2.188602e-04	-5.149919e-04
## SPAC8C9.12c	-1.113035e-03	-9.187028e-04	1.666983e-03	-6.628685e-04
## SPAC8C9.14	1.397362e-02	-3.417978e-03	-3.247735e-03	-9.014502e-03
## SPAC8C9.15c	-3.847984e-05	-5.869739e-03	-6.014968e-03	-1.128189e-02
## SPNCRNA.926	-7.301115e-04	-3.882352e-04	1.647605e-03	-1.127761e-03
## SPAC15A10.17	1.827755e-04	-9.218859e-04	1.130549e-04	-5.425928e-04
## SPAC15A10.06	3.065994e-04	1.091270e-04	1.428255e-04	-9.484706e-04
## SPNCRNA.927	1.005486e-04	-1.992396e-04	-5.454819e-05	1.177546e-04
## SPAC15A10.08	2.011075e-03	-2.100118e-03	-3.272856e-03	1.420761e-03
## SPAC15A10.09c	-8.078972e-04	-1.784999e-03	-4.140036e-05	-7.163154e-04
## SPNCRNA.928	1.371280e-04	1.632019e-05	2.997984e-05	-2.645772e-04
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	4.138325e-03	-4.035109e-03	1.720365e-03	-1.611637e-02
## SPAC15A10.11	-3.626434e-03	2.027633e-03	3.052199e-03	-3.802416e-03
## SPAC15A10.12c	1.844404e-03	-1.385343e-04	1.849214e-03	-2.478608e-03
## SPAC15A10.13	2.523792e-03	-2.900521e-03	-2.025326e-03	-5.189540e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	4.138799e-04	5.181314e-04	-2.562449e-04	-1.660808e-04
## SPAC15E1.03	-4.658380e-03	-3.858833e-04	1.274095e-02	4.273783e-03
## SPAC15E1.05c	1.075821e-03	-3.652545e-04	9.831842e-04	-2.852300e-03
## SPAC15E1.09	-2.650495e-03	-1.149861e-03	1.776614e-03	-2.915433e-03
## SPAC15E1.10	-4.131418e-04	5.429726e-04	1.093778e-03	-3.423026e-03
## SPNCRNA.932	-1.605467e-04	4.276457e-05	-1.057789e-04	-4.637138e-05
## SPAP7G5.02c	-2.892137e-03	1.157854e-02	1.996606e-03	7.546954e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	-5.622092e-03	-3.755297e-03	8.141022e-03	4.963521e-05
## SPNCRNA.934	1.206953e-03	-1.210091e-04	-7.976988e-05	-2.704173e-03
## SPNCRNA.935	-8.030409e-04	2.037107e-04	1.988158e-03	2.438263e-05
## SPNCRNA.84	3.573347e-05	-1.170450e-05	-1.265804e-05	6.194568e-05
## SPNCRNA.230	-2.531614e-05	1.130945e-05	2.999385e-07	2.478479e-05
## SPNCRNA.231	3.588042e-05	6.990509e-06	4.387982e-05	-1.223489e-04
## SPNCRNA.232	-5.655447e-05	1.831092e-05	-4.808588e-05	6.521613e-06
## SPATRNAILE.03	-7.684651e-05	1.303805e-04	-4.978589e-04	4.593020e-04
## SPNCRNA.233	-1.562607e-05	-1.580784e-05	-1.127649e-05	3.571251e-06
## SPATRNAGLU.04	-2.368584e-03	6.013177e-03	-6.397697e-03	1.609940e-03
## SPATRNAALA.05	5.920043e-04	-7.735895e-04	-2.705509e-04	-2.161285e-04
## SPNCRNA.234	2.374932e-05	-3.286727e-05	-9.428616e-05	2.559919e-05
## SPAC1556.01c	1.109975e-03	1.204532e-03	-2.836638e-03	-4.190235e-03
## SPAC1556.03	3.361332e-03	4.834016e-04	2.915978e-06	-2.844683e-03
## SPAC1556.04c	1.637360e-04	-3.225891e-04	-2.759711e-05	-5.584176e-04
## SPAC1556.05c	6.588534e-04	9.174331e-06	3.224222e-04	1.824477e-04
## SPAC1F12.02c	2.984901e-02	1.297539e-01	-9.346609e-02	1.194805e-01
## SPAC1F12.03c	8.540291e-04	-5.758080e-04	2.349795e-04	-3.628668e-04
## SPAC1F12.04c	3.446805e-04	3.108981e-03	2.787900e-03	-1.484162e-03
## SPAC1F12.05	2.453312e-03	1.651260e-03	2.963187e-03	-3.814984e-03
## SPAC1F12.07	-1.153915e-03	-7.267578e-03	9.061239e-04	8.050109e-03
## SPNCRNA.937	-3.323990e-04	1.118647e-04	-4.346946e-04	-1.157892e-03
## SPAC4H3.01	1.355866e-03	-1.752223e-03	-5.282518e-03	-3.661089e-04
## SPAC4H3.03c	3.751521e-03	-2.509060e-03	-1.132723e-03	9.114140e-04
## SPAC4H3.06	4.228329e-04	-5.034516e-04	-1.240238e-03	2.706368e-04
## SPAC4H3.09	-7.436378e-04	2.320746e-06	-8.546287e-04	1.339375e-03

## SPNCRNA.941	3.207784e-06	1.187561e-04	2.458931e-05	6.640506e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-2.667225e-05	-4.146628e-05	2.119139e-07	-2.159909e-04
## SPNCRNA.942	-2.947947e-03	1.142867e-03	-9.325857e-04	-1.628799e-03
## SPAC4H3.12c	2.177764e-04	2.161297e-04	6.996406e-05	1.410721e-04
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	3.762085e-03	-3.210738e-03	-3.680920e-03	-9.074899e-03
## SPAC1071.02	5.758963e-03	-2.557704e-03	-2.335617e-03	2.335264e-03
## SPAC1071.03c	-1.334133e-03	-2.872619e-03	-2.388430e-04	-2.203523e-04
## SPNCRNA.237	-2.460799e-04	-6.467107e-05	-5.528953e-05	-2.032728e-04
## SPNCRNA.943	-6.357239e-05	1.062864e-04	-2.576395e-04	-3.687711e-04
## SPAC1071.05	3.333491e-03	-1.923153e-03	-2.476600e-03	-4.613776e-03
## SPAC1071.06	-7.625676e-04	-3.709226e-04	-1.243234e-03	7.255547e-06
## SPAC1071.08	1.004938e-02	-1.053766e-02	9.712855e-03	-1.032300e-02
## SPAC1071.10c	-9.282325e-02	5.239671e-02	-1.703182e-02	6.341637e-02
## SPNCRNA.93	-2.770110e-05	2.955573e-05	-5.962764e-05	7.124039e-05
## SPAC1071.13	-7.050364e-04	-6.533111e-05	2.519483e-04	1.676942e-04
## SPNCRNA.945	3.019280e-04	5.639593e-04	4.013180e-04	1.591686e-04
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	-5.182659e-04	2.949395e-03	-1.167144e-03	-2.470666e-03
## SPAC926.02	2.672732e-03	-4.476898e-04	-1.731666e-03	-1.031618e-03
## SPNCRNA.946	8.120791e-04	2.099108e-03	8.142579e-04	-1.094072e-03
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	1.225920e-04	1.467015e-04	7.672533e-04	-1.685565e-03
## SPAC926.04c	4.954924e-04	6.723734e-03	-7.325055e-03	-2.452324e-02
## SPRRNA.18	-3.184871e-04	-8.892560e-03	-2.059206e-03	3.193042e-02
## SPAC926.05c	-1.349990e-04	3.483044e-04	-5.619878e-04	-2.026822e-03
## SPAC926.09c	-5.365229e-02	6.028105e-02	-3.326233e-02	-2.241295e-03
## SPAC323.01c	-3.696162e-04	-4.816472e-04	-1.206491e-03	-3.483302e-03
## SPNCRNA.948	-1.286471e-04	1.725914e-05	-2.450965e-04	-4.784839e-05
## SPAC323.06c	2.051684e-03	2.454420e-04	-1.276058e-04	-1.463854e-03
## SPAC323.07c	4.584016e-03	-2.297701e-03	5.360215e-03	-9.464061e-03
## SPAC2F3.02	-2.107106e-03	-2.292656e-03	1.193748e-04	6.273510e-04
## SPAC2F3.03c	1.604945e-03	-6.335701e-03	-3.100755e-03	-8.629738e-03
## SPAC2F3.04c	2.762734e-03	-2.199548e-03	-4.258696e-04	-2.393090e-03
## SPAC2F3.05c	-2.639902e-03	-2.260642e-03	-2.565162e-03	-7.157516e-04
## SPAC2F3.06c	-2.047755e-03	-8.193175e-03	1.429510e-04	-6.252315e-03
## SPAC2F3.08	2.135231e-03	-1.665290e-03	5.444639e-04	2.021941e-03
## SPNCRNA.949	-1.145886e-03	4.867179e-04	-1.048555e-04	-1.371831e-03
## SPNCRNA.950	9.497924e-05	-2.209463e-05	1.462594e-04	-7.562149e-05
## SPAC2F3.18c	2.441994e-03	-1.389318e-03	1.824724e-03	-2.100980e-03
## SPAC2F3.11	2.390169e-03	1.876483e-03	-2.380613e-04	-3.517359e-03
## SPNCRNA.240	1.037918e-05	4.189439e-05	-7.072808e-05	-1.115298e-04
## SPAC11G7.01	6.247590e-03	-2.962674e-03	2.917304e-03	-1.200149e-02
## SPAC11G7.02	2.856965e-03	-3.193536e-03	-2.614547e-03	-1.240690e-03
## SPAC11G7.03	8.360672e-03	-1.516829e-03	-3.908107e-03	-1.419067e-02
## SPAC11G7.04	-1.442350e-02	7.061627e-04	3.895931e-03	2.677467e-02
## SPAPB18E9.01	-2.421605e-03	1.065588e-03	-1.455943e-03	-2.932204e-03
## SPAPB18E9.05c	-9.712848e-04	1.604296e-03	-4.830979e-03	-2.234978e-03
## SPAPB15E9.01c	-2.737835e-02	5.349419e-03	-1.215878e-02	-2.374591e-02
## SPAPB15E9.02c	-1.105669e-03	6.177045e-04	5.411540e-04	-2.055460e-03
## SPAC27E2.02	-1.795450e-03	-3.153719e-04	1.433546e-03	-2.451714e-03
## SPNCRNA.53	2.483684e-06	5.040347e-06	-1.509630e-05	-2.100771e-05
## SPAC27E2.14	-3.886921e-04	8.007135e-04	6.922950e-04	-9.415591e-04

## SPAC27E2.05	1.781936e-03	-5.699905e-04	-3.435761e-03	-9.426940e-05
## SPAC27E2.09	3.719137e-03	4.902095e-03	-1.740849e-03	-9.808693e-03
## SPAC27E2.10c	2.773959e-03	-6.930037e-04	-6.728660e-04	-1.200904e-03
## SPAPJ698.03c	9.161790e-03	4.150154e-03	-1.877898e-03	-1.400129e-02
## SPAC19G12.02c	8.058470e-04	2.847397e-03	-7.937829e-04	-2.057888e-03
## SPAC19G12.04	-1.616002e-04	1.052126e-04	-9.000043e-04	-2.652477e-03
## SPAC19G12.06c	-6.459916e-03	8.335473e-03	1.423733e-03	-1.311588e-02
## SPAC19G12.07c	2.431290e-03	-2.005012e-03	-1.815808e-03	-1.177134e-03
## SPAC19G12.08	-2.983597e-03	-1.177587e-03	-8.128610e-04	-3.632014e-03
## SPATRNALEU.04	3.232074e-02	-4.859606e-02	-2.744881e-03	-1.501825e-02
## SPAC19G12.09	4.406863e-03	-2.452456e-04	5.759727e-03	1.999006e-03
## SPAC19G12.13c	2.546682e-04	-1.347945e-03	1.192751e-03	-2.645938e-04
## SPAC19G12.14	1.327725e-03	1.023988e-04	1.824157e-03	8.848680e-04
## SPAC23A1.07	1.106769e-03	8.912221e-04	-1.033239e-03	-2.796584e-03
## SPAC23A1.08c	1.822017e-02	-6.997819e-03	4.131214e-03	-1.007304e-02
## SPAC23A1.10	-4.354206e-02	3.618174e-02	5.800911e-02	3.256424e-02
## SPAC23A1.15c	-1.569767e-03	-4.289347e-04	-1.370818e-03	-4.138059e-04
## SPAC23A1.16c	1.566954e-03	-8.315981e-04	-1.014332e-03	-2.035879e-04
## SPNCRNA.341	-1.590325e-05	5.787298e-05	4.223480e-05	5.686397e-05
## SPAC26H5.04	3.021173e-03	-8.664778e-05	2.807096e-03	-7.506051e-03
## SPNCRNA.961	5.598745e-04	-2.086453e-04	-1.162237e-03	2.434680e-04
## SPAC26H5.07c	7.250041e-03	-3.836247e-03	-7.287467e-04	-6.782582e-04
## SPAC26H5.08c	3.069369e-04	-4.582388e-03	-7.768482e-03	-8.767639e-03
## SPNCRNA.962	3.140836e-06	8.091539e-06	2.470467e-06	2.636113e-07
## SPNCRNA.306	1.645615e-05	9.573099e-06	2.909940e-06	-4.030213e-05
## SPAC26H5.09c	5.719079e-03	1.688298e-03	2.498256e-03	5.580371e-03
## SPAC26H5.10c	1.442466e-02	-6.261367e-02	-9.099792e-02	-1.170480e-01
## SPNCRNA.964	3.014398e-04	-1.888894e-05	-3.332008e-04	2.328625e-04
## SPNCRNA.965	4.521015e-04	2.937753e-05	1.503945e-04	1.202730e-04
## SPNCRNA.242	-8.341230e-02	4.129046e-02	2.649307e-03	-7.631241e-02
## SPSNORNA.13	-4.910702e-02	1.123719e-01	6.730487e-02	-1.545995e-02
## SPAC25B8.02	-2.030739e-04	-5.009852e-04	3.997259e-04	-3.174679e-03
## SPAC25B8.03	2.768321e-03	-2.256233e-03	-1.240697e-05	-5.386925e-03
## SPAC25B8.04c	7.375693e-04	-1.112473e-03	8.496909e-04	-1.748280e-03
## SPAC25B8.05	-4.044353e-04	-1.477801e-04	-1.544134e-03	-1.402804e-04
## SPAC25B8.07c	1.511805e-03	1.063719e-03	-2.579606e-03	-1.397238e-04
## SPAC25B8.20	7.824568e-04	4.190287e-04	-3.486194e-05	-1.594101e-03
## SPNCRNA.967	-3.895340e-04	-8.951228e-05	3.360113e-04	2.499653e-04
## SPAC25B8.10	-6.801381e-04	1.682461e-03	1.484460e-03	-2.064065e-03
## SPAC25B8.11	4.803725e-03	-2.482933e-03	1.033697e-03	-1.087264e-02
## SPNCRNA.968	-1.178689e-04	-3.077806e-04	-4.380845e-05	2.362589e-04
## SPAC25B8.13c	3.343912e-03	6.046354e-04	7.800942e-04	-1.608861e-02
## SPRRNA.19	-3.770468e-04	7.644274e-04	9.777825e-04	1.681019e-03
## SPAC25B8.14	3.482061e-03	-4.984513e-04	-1.977787e-03	-3.214328e-03
## SPAC25B8.15c	-4.022174e-04	-6.547065e-05	1.316092e-03	-2.798290e-03
## SPAC25B8.16	3.947382e-03	-1.952897e-03	-1.633474e-03	-5.582778e-03
## SPNCRNA.970	-7.122776e-04	4.051990e-04	1.973554e-04	-4.575957e-04
## SPNCRNA.971	2.327285e-04	2.390437e-04	7.755627e-04	4.584452e-04
## SPAC694.03	-1.931316e-04	-1.236002e-03	7.701840e-04	1.184000e-03
## SPAC694.04c	-1.060718e-03	2.493635e-03	-5.030339e-03	2.889141e-03
## SPNCRNA.972	-8.016300e-04	3.331961e-04	1.252187e-04	-1.030356e-03
## SPAC1F7.02c	-2.583461e-03	-4.544639e-04	-5.973920e-04	-3.735672e-03
## SPAC1F7.03	5.607867e-03	4.357694e-04	1.243177e-03	-2.249899e-02
## SPAC1F7.06	-4.524610e-05	-2.292430e-05	-1.274911e-04	-9.057582e-05

## SPAC1F7.07c	-3.043814e-04	-2.054475e-03	-2.198117e-03	1.071462e-02
## SPSNORNA.14	-1.017943e-05	1.607229e-05	4.001218e-05	4.696174e-05
## SPRRNA.20	1.963513e-02	-1.019216e-02	1.766402e-03	7.564502e-02
## SPAC1F7.10	7.420523e-04	-2.832324e-03	-8.716668e-04	2.875013e-03
## SPAC1F7.11c	9.767125e-04	-1.478739e-03	3.207534e-03	-3.075981e-03
## SPAC1F7.12	6.241207e-03	-5.947415e-03	-6.259081e-03	-3.939753e-03
## SPAC21E11.03c	8.309936e-03	-5.339407e-04	3.295500e-04	2.160058e-05
## SPAC21E11.05c	5.977532e-04	1.003254e-03	-6.680072e-04	-7.285714e-03
## SPAC21E11.08	4.167774e-03	-5.725010e-03	1.924438e-03	2.947750e-03
## SPATRNASER.03	2.545454e-03	7.876268e-04	-1.135193e-03	-2.916380e-03
## SPATRNAMET.03	-3.129591e-03	2.319852e-03	1.259780e-03	6.543987e-04
## SPAC2C4.05	1.311896e-03	-3.612785e-03	2.094886e-03	-6.075539e-03
## SPAC2C4.06c	1.987057e-03	3.243692e-04	-7.068537e-04	-1.799039e-03
## SPAC2C4.08	4.081550e-04	3.726890e-04	4.706371e-04	-1.171691e-04
## SPAC2C4.11c	4.422190e-03	-6.694760e-04	-7.700939e-03	-1.311141e-03
## SPAC2C4.12c	1.914777e-04	2.979872e-03	1.487450e-03	-6.249856e-03
## SPAC2C4.14c	1.870138e-03	1.145365e-04	-6.603137e-04	-3.627250e-03
## SPAC2C4.15c	-2.559738e-03	2.149767e-03	-3.508077e-03	1.396430e-03
## SPAC2C4.16c	3.364293e-02	3.105069e-03	-5.534876e-02	-2.505798e-02
## SPNCRNA.974	1.052890e-03	-4.847246e-04	-1.901371e-04	9.492618e-04
## SPNCRNA.975	-8.627777e-04	-1.912371e-04	1.517239e-04	6.395929e-04
## SPNCRNA.976	-5.232891e-04	-4.164943e-04	-4.134791e-04	-4.244153e-04
## SPAC25G10.01	-3.306213e-03	-5.633106e-04	2.307679e-03	-6.417135e-04
## SPAC25G10.05c	-1.637589e-03	-1.748138e-03	1.067778e-02	1.603738e-02
## SPAC25G10.06	1.135747e-02	1.613081e-02	-3.048038e-02	5.001283e-03
## SPAC25G10.07c	1.412180e-03	-6.690011e-04	-2.487546e-04	-6.803808e-03
## SPAC25G10.09c	1.817741e-03	-8.787199e-03	-1.526881e-03	5.165375e-04
## SPAC27F1.02c	3.065758e-03	2.299827e-04	-5.432536e-03	-8.919497e-03
## SPAC27F1.03c	-3.297113e-05	3.392695e-04	-1.109937e-03	3.652230e-04
## SPAC27F1.04c	1.632111e-03	6.356323e-04	-2.011237e-04	-3.857604e-03
## SPAC27F1.07	8.020719e-03	2.206117e-03	-1.613087e-03	-3.865672e-03
## SPAC27F1.08	-2.159330e-03	2.931416e-04	-1.093000e-04	-2.605013e-03
## SPAC27F1.09c	5.842741e-03	6.135514e-04	-7.884432e-03	-1.378198e-02
## SPAC23D3.01	1.918645e-03	8.884938e-05	-9.948362e-04	-5.840866e-03
## SPAC23D3.02	1.362169e-03	-1.165141e-03	-1.420791e-03	-3.321205e-03
## SPAC23D3.03c	7.144950e-03	3.311929e-04	-2.906027e-03	-1.443683e-04
## SPNCRNA.979	-2.483305e-04	4.598549e-05	-7.722330e-04	-2.804754e-03
## SPAC23D3.08	2.511131e-03	1.495256e-03	-9.697200e-04	6.266267e-04
## SPAC23D3.11	5.961466e-03	6.649846e-04	-3.296476e-03	-1.783200e-03
## SPNCRNA.980	5.132910e-04	-1.011560e-04	-1.466862e-04	-6.208065e-05
## SPAC23D3.17	5.403857e-04	5.907964e-04	-9.009950e-05	-2.049922e-03
## SPNCRNA.981	-2.309919e-04	2.029465e-04	-3.861419e-05	1.685036e-04
## SPAC30.01c	-4.305932e-03	-1.988987e-03	-2.103698e-03	-6.525795e-03
## SPAC30.02c	6.093796e-04	1.182985e-03	-6.920672e-04	-4.429393e-03
## SPAC30.04c	-1.514823e-04	2.796604e-03	-3.263281e-03	-4.434356e-03
## SPAC29E6.01	-3.297314e-03	2.277077e-03	-6.796330e-04	-3.404669e-03
## SPAC29E6.03c	3.413656e-03	-4.528216e-03	-4.023064e-03	-1.224525e-02
## SPAC29E6.05c	6.623597e-04	8.426284e-06	9.305263e-05	-8.552289e-04
## SPAC29E6.04	-4.874255e-04	8.188311e-04	1.308338e-03	-3.283285e-03
## SPAC29E6.07	4.310158e-04	-1.896772e-04	2.131643e-04	9.016752e-05
## SPAC29E6.08	-4.585199e-03	5.631909e-03	-3.468490e-03	-2.617769e-03
## SPAC16.01	-3.916299e-04	4.643988e-04	8.053762e-04	-2.584066e-03
## SPNCRNA.986	-5.032440e-05	-2.438582e-04	-2.115144e-05	3.616788e-04
## SPAC16.03c	2.398092e-03	1.247341e-03	1.685621e-03	-2.574279e-03

## SPAC16.05c	-6.135906e-03	1.733000e-03	3.564261e-03	7.743646e-04
## SPAC9E9.01	5.348647e-05	1.043923e-04	1.055374e-04	2.080665e-04
## SPAC9E9.17c	7.440063e-06	1.256735e-04	-2.080526e-05	3.409079e-05
## SPNCRNA.987	-1.486980e-04	6.617718e-05	8.307736e-05	-2.123583e-04
## SPNCRNA.12	-4.306648e-06	5.218716e-05	5.288581e-05	-4.802094e-05
## SPAC9E9.03	2.422308e-02	-1.395194e-02	2.958087e-02	-2.329136e-02
## SPAC9E9.04	6.508202e-03	-1.853508e-03	3.792101e-03	-4.471585e-03
## SPAC9E9.09c	-4.719854e-02	1.014519e-02	6.406671e-02	-1.282795e-01
## SPNCRNA.989	1.386866e-03	-3.959197e-04	-8.259071e-04	-4.889439e-05
## SPAC9E9.15	9.645223e-04	-3.397965e-04	-2.586186e-04	-1.983564e-03
## SPNCRNA.311	-8.820887e-05	3.430030e-05	-2.579438e-05	-6.959673e-05
## SPNCRNA.991	2.520787e-05	-1.074831e-04	7.104707e-05	2.602605e-04
## SPAC17C9.14	-4.270199e-04	-3.114021e-04	7.213123e-04	-1.440860e-03
## SPAC17C9.10	2.120426e-03	-4.314466e-04	-9.453727e-05	3.714217e-03
## SPAC17C9.07	1.429167e-03	5.112093e-04	-1.425479e-03	1.857572e-03
## SPAC17C9.05c	1.023718e-03	-6.762983e-04	-1.184592e-03	-9.116958e-04
## SPAC17C9.01c	1.231227e-04	-2.770838e-03	1.081245e-03	1.753887e-03
## SPAC1851.04c	-2.119829e-04	1.043887e-03	1.099376e-04	-1.433941e-03
## SPAC27D7.02c	7.520360e-05	1.500356e-04	-1.146244e-03	-5.397762e-03
## SPNCRNA.993	-1.606407e-04	9.214549e-05	-1.672570e-04	-2.545891e-04
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	2.990464e-03	-1.679967e-03	-2.152058e-04	-4.712241e-03
## SPNCRNA.995	1.000219e-04	-4.322957e-05	-2.384234e-04	3.548723e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	3.164873e-04	4.049844e-04	-4.190187e-04	1.031706e-03
## SPAC637.03	3.223057e-03	3.410592e-03	8.258807e-03	-8.782143e-03
## SPAC637.04	-2.449957e-04	-5.887479e-04	8.043497e-04	-3.404728e-03
## SPAC637.05c	8.220684e-04	2.136516e-03	-3.487313e-03	1.061206e-02
## SPAC637.06	-2.673198e-03	1.357229e-02	-1.047518e-02	-1.583180e-02
## SPAC637.09	5.594340e-03	-2.988211e-03	-7.908437e-03	1.537521e-03
## SPNCRNA.999	-6.707513e-05	3.215910e-04	6.604459e-05	3.120266e-04
## SPAC637.11	2.646068e-04	1.044075e-03	8.336953e-04	-5.145172e-03
## SPAC637.12c	7.896679e-05	-6.139689e-06	-3.031481e-03	-7.862399e-03
## SPNCRNA.1000	-1.868435e-04	2.591177e-05	1.914089e-04	-1.540056e-04
## SPAC637.13c	3.882505e-03	-4.040900e-03	7.116956e-04	3.401112e-03
## SPNCRNA.249	-3.301818e-04	2.146095e-04	-7.298506e-04	-5.286453e-04
## SPAC31F12.01	-4.886239e-04	-3.962276e-03	-1.688753e-03	-5.617284e-03
## SPAC12B10.02c	-3.251596e-03	1.957763e-03	2.640233e-04	-1.538142e-03
## SPAC12B10.03	-3.774001e-04	-1.768806e-05	1.527215e-03	-1.329788e-03
## SPNCRNA.1001	-1.109172e-04	-2.030912e-04	-6.832410e-04	-1.189926e-04
## SPAC12B10.04	-4.197169e-04	4.105705e-03	7.551807e-05	-1.584708e-03
## SPAC12B10.07	-1.102043e-03	8.140417e-04	-3.057456e-03	-6.072959e-03
## SPAC12B10.08c	-1.955081e-04	-9.525269e-04	-2.678025e-04	-6.811757e-04
## SPAC12B10.09	1.385917e-03	-3.283644e-04	-3.192467e-03	-1.484917e-03
## SPAC12B10.10	1.989143e-03	7.975980e-05	-7.474638e-04	-2.440800e-03
## SPNCRNA.1003	3.542533e-04	-7.360409e-05	-3.402154e-04	-1.879231e-04
## SPAC12B10.15c	-1.994805e-04	-7.898663e-04	5.479686e-04	-1.269062e-03
## SPNCRNA.1004	6.140827e-04	9.283286e-06	-2.957443e-04	-7.225982e-04
## SPAC1093.07	-3.673292e-04	-9.252482e-05	-1.756605e-04	-6.923252e-04
## SPAC1093.01	2.193512e-03	-1.011431e-02	6.331817e-03	-7.813844e-03
## SPAC1093.02	2.850611e-03	-9.099011e-04	3.671973e-03	-3.393932e-03
## SPAC1093.03	-4.696460e-04	2.142732e-03	-7.794640e-04	-4.938351e-04
## SPAC1093.04c	5.067053e-03	-1.040410e-03	2.755642e-04	-5.410068e-03

## SPAC1093.06c	2.816344e-03	-1.600048e-03	-4.926247e-03	-9.154678e-03
## SPNCRNA.1006	2.382851e-04	-1.198668e-04	-1.891692e-04	1.852956e-04
## SPAC30C2.02	-5.643045e-03	2.761907e-03	-4.908137e-04	2.789266e-03
## SPAC30C2.04	2.845818e-03	-1.016799e-03	-1.584076e-03	-1.456183e-02
## SPAC30C2.05	5.025844e-04	2.898740e-04	-2.237499e-03	-2.873430e-03
## SPAC30C2.07	4.599621e-03	5.816234e-04	2.027338e-04	2.384370e-03
## SPNCRNA.1008	6.407767e-04	-3.229830e-04	-1.131560e-04	-2.484792e-04
## SPAC1635.01	-4.338628e-03	1.812985e-04	-1.350284e-03	2.096512e-03
## SPNCRNA.1009	-9.130981e-05	2.342023e-05	-1.367580e-04	1.488772e-04
## SPAC144.02	-3.607771e-04	-1.201515e-03	4.256685e-04	-3.010690e-03
## SPAC144.03	6.303921e-05	9.302511e-03	-8.122416e-03	-1.084241e-02
## SPAC144.04c	6.417478e-03	-2.747466e-03	-9.270432e-03	-1.422618e-02
## SPAC144.05	1.294707e-03	-1.140708e-04	-3.796787e-03	-1.992808e-03
## SPAC144.10c	3.195978e-03	8.880685e-04	-2.086184e-03	-4.360260e-03
## SPNCRNA.1013	6.531609e-05	1.866015e-04	-4.779072e-05	-3.703990e-04
## SPNCRNA.1014	-5.526761e-04	1.475116e-04	5.697646e-04	-1.626995e-04
## SPAC144.12	1.138917e-02	-7.576294e-04	-6.662313e-03	-8.907509e-03
## SPAC144.13c	4.840024e-03	-3.537252e-04	-1.115163e-03	-6.461675e-04
## SPAC144.16	3.835343e-04	-3.975453e-04	6.738487e-04	-1.341203e-03
## SPNCRNA.1016	2.844363e-04	-3.293810e-05	-2.224908e-04	-1.305636e-03
## SPNCRNA.1017	-1.099843e-04	1.707292e-04	8.249212e-05	7.621219e-05
## SPAC1834.03c	3.826268e-03	1.524705e-02	-6.236579e-03	-5.951574e-02
## SPAC1834.04	1.567636e-02	2.243337e-02	5.779187e-03	-5.927953e-02
## SPAC1834.05	8.175236e-03	2.701283e-03	3.688320e-03	-6.393712e-03
## SPAC1834.08	1.294684e-03	1.838729e-03	1.849683e-04	-1.818832e-02
## SPATRNATHR.05	4.982790e-03	-3.776806e-03	9.206897e-04	-6.686135e-03
## SPAC1834.10c	-2.023534e-04	1.075836e-04	1.023198e-03	-2.540704e-03
## SPAC1834.13	3.957753e-05	9.575497e-05	3.523487e-05	-5.953558e-05
## SPAC17D4.01	-7.985706e-04	2.016101e-03	4.290086e-03	-2.087008e-02
## SPAC17D4.02	9.967957e-04	3.386957e-03	3.486915e-04	-1.521568e-03
## SPAC17D4.04	-2.690438e-04	1.602564e-03	-1.549128e-03	-2.300107e-03
## SPAC458.02c	6.424162e-03	-9.217984e-03	-2.390824e-03	-9.487664e-03
## SPNCRNA.1019	-7.331048e-04	-5.495589e-05	-9.974865e-05	5.993608e-05
## SPAC458.03	3.499568e-04	1.126786e-03	4.434903e-04	-4.883788e-03
## SPNCRNA.1020	1.434808e-04	6.601645e-05	1.195363e-04	2.543753e-04
## SPAC458.07	-9.208681e-05	-2.041089e-03	4.344831e-05	-3.366640e-03
## SPAPYUG7.02c	-2.111666e-03	-1.610987e-04	-4.029880e-04	3.889281e-03
## SPNCRNA.1022	4.567122e-04	2.755931e-04	-1.558200e-04	-2.728766e-04
## SPAC1782.01	-4.417137e-03	-4.885734e-06	-4.476506e-03	-4.077068e-04
## SPAC1782.03	2.110145e-04	1.829048e-03	8.007093e-04	-1.240835e-03
## SPAC1782.06c	1.104261e-03	1.664730e-03	1.481208e-03	-4.202682e-03
## SPNCRNA.1023	-8.755636e-04	-2.725330e-04	-2.247443e-05	3.404725e-04
## SPAC1782.09c	1.754096e-03	8.987620e-04	-1.044200e-03	-3.249785e-03
## SPAC1782.10c	9.639618e-03	-6.051230e-03	-1.050392e-02	-7.334463e-03
## SPAC1782.11	2.601381e-04	3.449419e-03	2.442746e-03	3.314529e-04
## SPAC11H11.02c	2.717884e-03	-5.504964e-04	-1.604248e-03	-1.727932e-03
## SPAC11H11.01	4.241273e-04	7.177627e-04	1.063607e-03	4.696899e-04
## SPAC11H11.03c	1.690472e-03	-1.204410e-03	-7.452311e-04	-2.815719e-03
## SPAC11H11.04	-1.864617e-04	1.756976e-04	-6.250190e-04	-5.056644e-04
## SPAC11H11.06	1.525013e-02	-1.253736e-03	-8.115204e-03	5.442016e-04
## SPAC22F8.03c	8.475652e-06	1.164312e-04	1.576290e-04	2.790140e-05
## SPAC22F8.07c	4.550273e-04	8.146294e-05	-5.400563e-04	1.916100e-03
## SPAC22F8.08	2.425188e-03	-1.210908e-03	-3.861740e-03	6.935977e-03
## SPAC22F8.11	3.030276e-03	-4.706363e-04	-3.575548e-04	-1.201574e-02

## SPAC22F8.12c	5.824388e-04	8.971724e-04	-4.415611e-04	-2.470369e-03
## SPAC20G4.02c	-2.146409e-04	6.163173e-04	-1.558969e-05	1.166064e-03
## SPAC20G4.03c	-3.955747e-03	1.210990e-03	-8.090616e-03	-5.738983e-03
## SPAC20G4.04c	5.835824e-05	1.658699e-03	1.233121e-03	-1.322097e-03
## SPNCRNA.1027	3.815216e-04	1.271805e-04	-5.867427e-04	-9.885865e-04
## SPAC20G4.09	-1.639714e-04	-2.891040e-05	-3.183071e-04	-4.035751e-04
## SPAC20G4.07c	3.319210e-03	-1.219584e-03	-7.659567e-03	9.620427e-06
## SPAC4F10.03c	2.011659e-03	1.278936e-03	2.307305e-03	6.018003e-04
## SPAC4F10.04	2.366544e-04	-3.204856e-04	1.148244e-04	-2.538854e-03
## SPNCRNA.1028	-9.257562e-07	-1.490745e-04	-2.687670e-04	1.580006e-04
## SPAC4F10.08	-6.092741e-05	-4.437618e-04	2.481047e-04	1.054404e-05
## SPAC4F10.12	-6.563939e-05	-1.419264e-04	-7.985157e-04	-5.411522e-03
## SPAC4F10.13c	1.292496e-02	-1.706303e-03	-4.943318e-03	-2.156295e-02
## SPNCRNA.1030	-3.631786e-04	-2.267088e-04	1.520842e-04	-2.745863e-04
## SPAC4F10.15c	-6.526246e-04	-1.545296e-03	-1.217776e-03	-1.155334e-03
## SPAC4F10.16c	3.075933e-04	-2.568960e-04	2.364128e-03	-8.521512e-03
## SPAC4F10.18	3.987117e-03	-1.240167e-03	-4.506510e-04	-3.987207e-03
## SPAC4F10.19c	1.646726e-03	-8.792409e-04	-4.323546e-04	-1.024029e-03
## SPAC19B12.01	9.237410e-03	-1.216212e-03	-3.893545e-03	-9.643107e-03
## SPNCRNA.255	-5.459499e-05	-2.312520e-05	2.391634e-04	1.205222e-04
## SPAC19B12.03	1.048480e-02	2.095777e-03	-1.903000e-02	-2.292368e-02
## SPNCRNA.1034	1.848492e-04	-4.167270e-04	-1.331443e-04	9.316300e-04
## SPAC19B12.04	6.682709e-03	-2.750065e-03	7.373748e-03	-4.983347e-03
## SPAC19B12.07c	8.311746e-05	-1.653314e-04	2.201138e-03	-3.901593e-03
## SPAC19B12.10	2.896493e-05	2.108565e-04	-4.822197e-04	-2.323021e-04
## SPAC19B12.12c	4.464886e-04	2.063829e-04	8.716817e-05	-1.281246e-03
## SPAC19B12.13	3.193544e-04	3.912469e-04	3.724341e-04	-5.166925e-04
## SPNCRNA.1035	-9.413738e-04	1.247310e-04	6.103683e-04	2.200867e-04
## SPAPB8E5.04c	9.308271e-04	1.273037e-03	9.294772e-04	-2.705973e-03
## SPAPB8E5.06c	7.733002e-03	1.127434e-02	1.830175e-02	4.141188e-03
## SPAC1B3.01c	3.361538e-03	-9.124671e-04	4.516454e-04	-9.557080e-03
## SPAC1B3.02c	2.738516e-04	1.905202e-03	-8.086518e-04	-4.106353e-03
## SPNCRNA.1036	-2.367973e-04	-3.273819e-05	-9.176295e-05	1.098165e-04
## SPAC1B3.03c	-4.468092e-03	9.595120e-03	1.387580e-02	-1.168132e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	-1.801386e-04	4.662418e-05	-1.095981e-04	-4.227639e-04
## SPNCRNA.1038	-9.838751e-03	1.069002e-02	1.326527e-02	-1.959892e-03
## SPAC1B3.07c	-4.826358e-04	-6.793859e-04	3.274011e-04	-2.113103e-03
## SPAC1B3.08	3.017304e-04	-7.089145e-04	2.858715e-03	-1.586395e-03
## SPAC1B3.10c	2.073357e-03	1.656865e-04	1.168127e-03	-2.334914e-03
## SPAC1B3.11c	4.875714e-04	-7.637793e-05	1.023679e-04	-3.220821e-04
## SPAC1B3.20	-8.589518e-04	-6.550027e-04	6.138087e-04	-1.707667e-05
## SPAC1B3.13	1.278321e-03	3.546743e-03	-1.933597e-03	-5.931350e-03
## SPAC1B3.15c	5.447938e-05	-1.413916e-03	-6.719752e-04	3.184923e-03
## SPAC1B3.16c	-2.358028e-02	1.198493e-02	1.415311e-02	3.187276e-02
## SPNCRNA.1039	6.754342e-05	5.827929e-05	-4.237973e-07	-1.476636e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	2.664565e-03	2.401485e-03	-1.590150e-03	-3.384874e-03
## SPAC1952.05	1.907932e-03	-2.776193e-04	-1.696041e-03	-1.183185e-02
## SPAC1952.06c	2.157813e-03	-1.486555e-03	-2.157748e-03	-4.629157e-03
## SPAC1952.08c	8.221742e-04	3.717602e-05	-2.079689e-04	-1.710507e-03
## SPAC1952.11c	5.013012e-03	-2.555471e-03	-9.074839e-04	1.361954e-03
## SPAC1952.13	-3.506309e-03	2.351283e-03	1.559718e-03	-1.831449e-05
## SPAC1952.14c	-4.689748e-04	1.528631e-03	-1.165952e-03	1.723174e-05

## SPAC1952.15c	1.332229e-03	6.190609e-04	7.686311e-04	-6.321623e-04
## SPAC890.02c	2.093799e-04	-1.028548e-03	1.465396e-03	-1.735961e-03
## SPAC890.05	1.217648e-03	4.339268e-04	-9.754931e-04	-2.933968e-03
## SPAC890.07c	6.573440e-03	-5.134123e-03	-5.324278e-03	-1.976095e-04
## SPAC890.08	1.310940e-02	1.069217e-02	5.900553e-03	-1.951670e-02
## SPNCRNA.258	-2.223100e-04	-8.184408e-05	3.692339e-05	2.229873e-04
## SPAC22E12.01	6.610927e-04	-5.467690e-04	-1.469003e-04	-1.055065e-03
## SPAC22E12.02	1.466229e-03	7.346415e-04	-8.661023e-04	4.568825e-04
## SPAC22E12.03c	4.421413e-03	3.252271e-03	2.253845e-04	-4.782999e-03
## SPAC22E12.05c	-4.833203e-03	4.192857e-03	3.293223e-03	-1.223705e-04
## SPAC22E12.06c	5.212457e-03	1.257361e-04	-3.889270e-04	-1.070937e-02
## SPAC22E12.07	4.938756e-04	2.144500e-03	3.419349e-03	-5.993696e-03
## SPAC22E12.08	5.178626e-04	-1.378249e-03	-9.751335e-04	-1.075883e-03
## SPAC22E12.11c	-2.891501e-04	-8.905469e-04	-4.475913e-04	-1.247495e-03
## SPAC22E12.14c	5.065947e-03	2.751462e-03	-1.806497e-03	-1.657278e-02
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	3.284232e-04	3.734215e-04	-4.615475e-04	3.323028e-04
## SPAC1006.05c	4.832324e-03	-2.447490e-03	-1.561641e-03	-3.004088e-03
## SPAC1006.06	-2.830538e-03	-3.229014e-03	-3.261844e-03	-1.566570e-03
## SPAC1006.07	8.857047e-02	3.099090e-02	-1.060356e-01	-8.697391e-02
## SPAC1006.08	-1.591742e-03	1.128307e-04	4.385211e-04	1.713015e-04
## SPAC1006.09	1.019009e-02	-7.225087e-04	-4.028019e-03	-3.415321e-03
## SPAC1250.05	-1.238049e-03	1.008351e-03	-2.750361e-03	4.568149e-03
## SPAC1250.04c	-4.188048e-04	-5.953043e-07	-2.740795e-04	-2.529094e-03
## SPAC1250.03	-1.172212e-04	1.077501e-03	-4.807097e-04	5.674992e-04
## SPAC1250.02	-8.075557e-04	2.162437e-05	2.367789e-04	-4.757675e-04
## SPNCRNA.1046	1.378387e-04	3.532505e-05	-4.843545e-05	2.665652e-04
## SPAC29A4.20	-4.486818e-03	-4.862963e-04	-9.428243e-05	-1.871634e-03
## SPAC29A4.19c	5.294342e-04	5.334391e-04	-1.343643e-03	-1.954295e-03
## SPAC29A4.17c	-7.517649e-06	-4.559454e-04	-7.395041e-05	-6.191775e-04
## SPAC29A4.16	1.100819e-02	-9.006057e-03	-5.934561e-03	-8.036554e-03
## SPAC29A4.15	4.577515e-03	-1.062790e-03	7.366586e-03	-3.100397e-03
## SPNCRNA.1047	1.031403e-04	9.965750e-05	-4.784826e-05	-2.021437e-04
## SPAC29A4.12c	2.319505e-04	-2.269436e-04	-2.305555e-04	-3.721261e-04
## SPAC29A4.09	-8.935503e-04	1.005528e-05	-2.532480e-03	-4.177493e-04
## SPAC29A4.08c	8.529560e-04	-2.433513e-03	6.992242e-04	-2.241359e-03
## SPAC29A4.07	-3.870650e-04	-7.064947e-04	-6.418561e-04	-5.016252e-03
## SPAC29A4.06c	3.107704e-04	7.239797e-04	-5.530958e-04	1.564000e-04
## SPAC29A4.04c	-1.189406e-02	2.571127e-03	1.546374e-02	-1.642050e-03
## SPAC29A4.02c	-9.757318e-03	-6.687528e-03	8.342136e-03	2.395935e-02
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	6.135195e-03	1.373334e-03	-8.762271e-04	-2.607792e-03
## SPSNORNA.16	1.100924e-03	4.565544e-02	2.886751e-02	-1.563045e-02
## SPAC26F1.13c	-9.328379e-03	3.718541e-03	3.219941e-03	1.464758e-02
## SPAC26F1.11	4.259195e-04	9.734634e-05	-7.826443e-04	4.157958e-04
## SPAC26F1.07	4.723289e-02	-4.129740e-02	-3.963747e-02	-1.121831e-02
## SPAC26F1.05	2.390726e-04	-1.442776e-04	-7.295901e-04	-1.631828e-04
## SPNCRNA.1056	-1.555002e-03	-4.786885e-04	3.369260e-04	-2.017940e-04
## SPAC26F1.04c	-4.578425e-03	1.062261e-03	-6.629529e-03	-8.667917e-03
## SPAC26F1.03	-4.593066e-03	1.278041e-02	-3.597918e-03	9.015576e-03
## SPAC26F1.01	1.065373e-03	-1.517487e-03	3.929488e-03	-1.379407e-03
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-1.512061e-04	-3.819944e-04	2.599053e-04	-4.059056e-04

## SPAC19D5.01	-8.193834e-03	2.564284e-04	7.324429e-03	3.133697e-02
## SPAC19D5.02c	2.551062e-03	-9.008551e-04	2.696406e-04	-5.676228e-03
## SPAC19D5.04	1.510179e-02	-1.166862e-02	2.740692e-03	-8.068488e-03
## SPAC19D5.05c	3.135252e-06	-9.006461e-04	-2.393905e-05	-1.166441e-04
## SPAC19D5.11c	2.974483e-04	5.682555e-04	-4.004833e-04	-5.303546e-04
## SPNCRNA.1060	-4.402828e-04	7.330722e-04	-1.481304e-04	4.758146e-04
## SPAC14C4.01c	5.204619e-03	3.667882e-04	-2.879968e-04	-4.576416e-03
## SPAC19D5.07	-2.143784e-04	-1.431278e-04	-1.655084e-04	-6.269925e-04
## SPNCRNA.1062	3.251318e-04	7.279964e-05	7.365869e-05	9.554815e-05
## SPAC14C4.03	3.327963e-04	3.552898e-04	-2.339606e-04	5.437189e-04
## SPAC14C4.04	1.381978e-03	1.962981e-03	-5.246305e-03	-5.825617e-03
## SPAC14C4.05c	1.549898e-03	-5.098783e-04	-1.560504e-03	-2.142626e-03
## SPAC14C4.07	3.436741e-03	1.932268e-03	2.687160e-03	-8.687540e-03
## SPAC14C4.08	-5.668733e-04	1.169463e-04	5.637984e-04	2.780033e-04
## SPAC14C4.09	6.419499e-03	3.179551e-03	-6.659430e-03	-1.175126e-02
## SPAC14C4.10c	5.652204e-04	1.403304e-04	1.094475e-03	-1.448712e-03
## SPAC14C4.11	1.228700e-03	1.149903e-03	-1.938025e-03	-8.434990e-03
## SPNCRNA.261	2.779867e-04	2.059369e-04	5.464055e-04	2.624107e-05
## SPAC14C4.13	2.848812e-03	-1.230348e-04	-5.817689e-04	-3.983107e-03
## SPAC14C4.14	1.704697e-03	-8.580158e-03	5.718645e-03	9.787777e-03
## SPAC14C4.15c	-1.446484e-03	2.409327e-04	2.394761e-03	-4.058363e-03
## SPAPJ760.03c	9.852384e-06	4.490809e-03	-3.953655e-03	-4.962725e-03
## SPNCRNA.1064	-1.369475e-04	9.639818e-05	-2.306688e-04	-2.274292e-04
## SPAC2H10.02c	9.685239e-04	9.628035e-04	7.100043e-04	-1.869623e-03
## SPAC11E3.03	5.996569e-04	-9.381812e-04	-5.445849e-04	-3.352267e-04
## SPAC11E3.04c	-6.417167e-04	-7.279326e-04	-1.680607e-03	5.067693e-04
## SPAC11E3.07	-1.469108e-03	2.609292e-03	-4.078724e-04	-1.015204e-02
## SPAC11E3.08c	-2.777749e-04	1.085961e-03	-7.158105e-04	-1.082001e-03
## SPAC11E3.12	1.495725e-03	-1.258664e-03	-8.037102e-04	-2.314191e-03
## SPAC11E3.13c	-4.836950e-04	1.789732e-03	-7.924021e-03	1.136692e-03
## SPNCRNA.1068	4.838337e-04	-9.602101e-05	2.075976e-05	1.149238e-04
## SPAC11E3.15	4.505512e-03	-1.598287e-02	-1.266379e-02	-2.358766e-03
## SPNCRNA.1070	5.261500e-05	1.889960e-04	-4.391030e-05	3.137137e-04
## SPAP8A3.05	1.507120e-03	-4.713499e-04	-2.094030e-03	-2.930009e-05
## SPAP8A3.06	-8.783313e-04	1.467364e-03	-1.767883e-03	2.395442e-03
## SPNCRNA.525	-7.491153e-05	4.285633e-04	1.578005e-04	-3.959015e-04
## SPNCRNA.1073	8.095903e-05	8.631822e-04	-1.653746e-04	-1.302805e-03
## SPAP8A3.10	-1.826631e-03	1.712731e-03	-1.741957e-03	-1.815909e-03
## SPAP8A3.12c	5.122560e-03	7.542729e-03	-4.301625e-04	-2.079242e-02
## SPAP8A3.13c	2.455586e-03	-2.021504e-03	-2.636869e-03	-3.722573e-03
## SPAC4D7.01c	-1.132349e-03	-4.335803e-03	-2.478986e-03	-9.061162e-03
## SPNCRNA.1075	-4.111048e-04	2.243266e-04	-1.312232e-04	-1.941560e-04
## SPAC4D7.04c	-2.230957e-03	-5.182015e-04	2.525089e-03	-3.368870e-03
## SPAC4D7.05	1.450831e-02	8.750204e-03	-1.992408e-02	-1.681792e-02
## SPAC4D7.06c	8.484502e-04	-3.749417e-04	1.641990e-04	1.178829e-03
## SPNCRNA.1077	-4.465519e-04	2.677422e-04	-2.549231e-04	-5.581927e-04
## SPAC4D7.07c	3.089112e-04	-4.075035e-05	6.874231e-04	-9.084931e-04
## SPAC4D7.08c	-1.314569e-04	7.783444e-03	5.707921e-03	-2.124278e-02
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	5.084113e-06	-4.634677e-05	-1.038203e-04	-2.495073e-04
## SPAC4D7.09	-1.285094e-03	3.379198e-03	-2.119668e-04	5.486627e-04
## SPAC4D7.14	-1.547258e-04	-5.023210e-04	7.671659e-04	-1.384797e-04
## SPAC3G6.04	4.926762e-04	-3.146777e-04	-1.420035e-03	-1.222959e-03
## SPAC3G6.06c	-4.968393e-04	3.986523e-04	4.659358e-04	-1.961730e-03

## SPAC3G6.07	-1.121594e-03	3.211583e-04	-8.415770e-04	8.085857e-04
## SPAC3G6.11	3.805543e-03	-1.159741e-03	-1.134575e-03	-2.800788e-03
## SPAC3G6.13c	1.436335e-02	2.983739e-02	-5.081110e-02	4.270242e-02
## SPNCRNA.267	1.177168e-04	5.987684e-06	-3.285812e-05	1.179497e-04
## SPAC29B12.02c	4.170826e-03	1.872603e-03	-1.545079e-03	-1.476843e-02
## SPAC29B12.04	-5.972695e-03	4.211937e-03	-1.230164e-02	-1.590270e-02
## SPAC29B12.05c	-1.094086e-03	-4.949595e-04	2.401693e-05	-7.227786e-04
## SPNCRNA.1081	-3.791958e-04	-1.924524e-04	-8.194255e-04	2.216671e-04
## SPAC29B12.06c	2.585638e-03	4.324168e-05	1.205663e-03	-2.871617e-03
## SPAC29B12.07	-3.869783e-03	-3.132205e-03	-3.007403e-03	-8.141631e-03
## SPNCRNA.1082	-5.596222e-04	1.351107e-04	-7.406112e-04	-2.260709e-03
## SPNCRNA.270	-4.620575e-05	3.037911e-05	-5.842186e-06	7.415091e-05
## SPAC29B12.08	2.547649e-03	-2.340182e-04	1.442977e-03	-4.424879e-03
## SPAC29B12.10c	-4.897619e-03	1.706567e-03	-4.304616e-03	-2.302315e-02
## SPAC29B12.11c	6.162983e-04	1.018035e-03	-5.537100e-03	-1.859459e-04
## SPATRNASER.04	-1.779646e-03	9.743036e-04	-4.110192e-03	2.461999e-03
## SPAC29B12.13	-2.129544e-04	1.298209e-03	-1.460428e-03	-6.631045e-04
## SPNCRNA.271	-3.125178e-05	-8.980549e-05	-1.814442e-05	1.600669e-04
## SPNCRNA.272	-4.519954e-05	8.708390e-06	3.336862e-05	-1.043671e-04
## SPAC1039.01	-1.097842e-03	6.988411e-04	2.408433e-03	-6.105820e-03
## SPAC1039.02	-1.430849e-02	9.718903e-04	1.552909e-02	-3.225935e-02
## SPAC1039.03	1.288355e-03	-1.527303e-03	1.662151e-03	-4.276309e-03
## SPAC1039.05c	2.904113e-03	-5.221061e-04	8.723195e-04	-3.795071e-03
## SPNCRNA.1084	2.240711e-04	-8.398019e-05	-2.360194e-04	1.757510e-04
## SPAC1039.06	-7.809162e-04	1.003159e-03	7.114842e-04	-9.458703e-04
## SPNCRNA.1085	1.127953e-04	-1.074985e-04	-5.744203e-05	2.683660e-04
## SPAC1039.08	-1.304162e-07	1.582284e-04	6.640656e-04	-5.400852e-04
## SPNCRNA.1086	4.701114e-05	-8.764614e-05	4.040891e-05	-3.376108e-04
## SPNCRNA.275	-1.347021e-04	2.174905e-05	7.022266e-05	-8.616425e-05
## SPAC1039.09	-9.581556e-04	3.214896e-05	1.109261e-04	-6.814898e-04
## SPAC1039.11c	1.123098e-03	4.699744e-04	7.781334e-04	-5.140466e-04
## SPNCRNA.1087	-4.927027e-04	3.757067e-05	1.742382e-03	1.454431e-03
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-8.721938e-04	3.929918e-04	5.514327e-04	-6.928060e-04
## SPNCRNA.1089	-1.765455e-04	1.820150e-06	7.043430e-05	-3.057559e-04
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	2.523131e-02	5.067349e-03	1.717231e-03	-5.235848e-02
## SPNCRNA.278	-1.960739e-04	1.971719e-04	-2.813230e-05	-5.062283e-04
## SPAC922.06	-7.526405e-04	-5.833932e-04	4.601729e-05	-7.864284e-04
## SPAC922.07c	-7.514560e-04	-5.580101e-04	3.860786e-04	-8.847639e-04
## SPNCRNA.1090	1.635245e-04	-4.231515e-06	2.145695e-04	-3.991965e-04
## SPNCRNA.1091	8.635633e-04	-2.254629e-04	3.151350e-05	-4.954427e-04
## SPNCRNA.1093	1.006405e-04	-1.793832e-06	-2.246007e-06	-4.765875e-06
## SPAC869.06c	-8.321362e-05	-2.556423e-04	3.658100e-04	1.566631e-03
## SPNCRNA.279	1.960777e-05	-1.237182e-04	1.159860e-04	3.651759e-05
## SPAC869.05c	-1.452734e-03	1.232251e-03	-1.428211e-03	2.456006e-04
## SPAC869.04	-4.552603e-06	-3.392133e-05	-1.445402e-05	-3.882521e-05
## SPAC869.03c	2.335072e-05	-2.792803e-06	-1.311577e-04	-1.088388e-04
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	-9.463797e-07	2.578067e-05	-3.834527e-05	-9.549700e-05
## SPAC869.02c	-3.575947e-03	3.315478e-03	-2.498507e-04	-1.403969e-03
## SPAC869.01	-2.132897e-05	-6.140610e-05	-2.442022e-05	-2.738590e-04
## SPAC186.01	-1.926292e-03	-1.202336e-04	-1.073186e-04	-1.382861e-03
## SPNCRNA.96	-7.798685e-05	1.867347e-05	-6.462373e-07	5.073256e-06

## SPAC186.03	-1.090710e-04	5.729779e-05	1.017181e-04	-4.815315e-05
## SPAC186.04c	4.029951e-04	-1.977846e-04	-4.698154e-04	1.471260e-04
## SPAC186.06	2.110160e-04	-8.188994e-05	1.489802e-04	-2.439799e-04
## SPNCRNA.310	2.349762e-06	-4.027137e-06	-5.027287e-06	1.786209e-05
## SPAC750.01	1.805380e-03	2.475702e-03	2.514058e-04	-1.610941e-04
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	9.501180e-05	-1.945385e-06	-1.338461e-04	-1.160664e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	2.301737e-04	1.241428e-04	-1.011342e-05	-1.523653e-04
## SPAC212.08c	-1.875624e-04	1.464269e-04	-1.289784e-04	-5.740123e-05
## SPAC212.07c	2.907953e-05	1.826564e-05	-7.926115e-05	-3.880465e-04
## SPAC212.06c	6.983960e-05	2.092245e-04	-1.916153e-05	3.352383e-04
## SPAC212.05c	9.885224e-06	4.781803e-05	4.800734e-05	-4.721480e-05
## SPAC977.01	-6.809238e-06	4.346936e-05	-8.964949e-05	-1.159599e-05
## SPAC977.18	1.328661e-05	-2.870259e-05	6.242107e-05	6.336871e-06
## SPAC977.02	-1.775373e-05	4.621605e-05	-5.249729e-05	-8.509083e-05
## SPAC977.06	-2.004298e-05	-4.091504e-05	-2.157791e-05	-6.298988e-05
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	2.175858e-04	-1.527468e-04	-2.726970e-04	2.443522e-05
## SPAC977.10	-1.367549e-03	1.469226e-03	8.448148e-04	-9.520499e-03
## SPAC977.12	4.819202e-03	5.226120e-03	-4.968985e-03	1.064948e-04
## SPAC977.14c	2.413951e-03	8.182621e-03	1.088096e-02	-1.372384e-02
## SPAC977.17	1.751790e-03	2.156830e-03	-2.006716e-04	-2.248345e-03
## SPNCRNA.137	2.104567e-04	-6.707556e-05	-3.508374e-05	-9.590189e-05
## SPNCRNA.83	-3.558859e-04	-3.283313e-05	1.370941e-04	1.946792e-04
## SPAPJ695.02	4.520951e-04	3.170682e-04	1.312445e-04	5.212960e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	7.658945e-05	2.198901e-04	-6.773570e-04	-9.007960e-04
## SPAC1F8.02c	2.180907e-05	9.416764e-06	-8.100546e-05	-1.151841e-04
## SPAC1F8.03c	3.259650e-03	-2.635717e-03	-6.619894e-04	3.866737e-03
## SPNCRNA.604	3.428209e-04	2.851333e-04	2.345355e-05	4.510384e-04
## SPNCRNA.139	3.099723e-06	6.025454e-06	5.384019e-06	-1.066887e-05
## SPNCRNA.605	2.905020e-03	4.542901e-04	-1.086886e-03	-1.175995e-03
## SPAC1F8.04c	8.331503e-04	1.523430e-04	4.666851e-04	-8.107079e-04
## SPNCRNA.606	4.477807e-04	4.183939e-05	-3.638748e-04	-3.564635e-04
## SPAC1F8.05	1.069333e-03	-1.505414e-04	-1.873658e-05	3.914810e-04
## SPAC1F8.07c	-6.658165e-03	-5.073978e-02	1.687956e-02	-3.259846e-02
## SPAC11D3.04c	-9.711253e-04	5.271065e-03	7.854961e-04	-1.389812e-05
## SPAC11D3.06	2.157643e-04	1.486407e-03	-5.269650e-06	-3.576442e-03
## SPAC11D3.09	1.092282e-03	2.461917e-04	-2.233292e-03	6.090407e-04
## SPAC11D3.10	-1.062661e-03	3.265760e-04	-4.636414e-04	3.150696e-04
## SPAC11D3.13	7.490857e-03	-1.109847e-03	-1.216952e-03	-1.919102e-03
## SPAC11D3.15	3.635856e-03	-5.351569e-03	2.428668e-03	-8.092684e-03
## SPAC11D3.17	1.629431e-03	-1.233908e-04	-1.688104e-04	-1.439008e-03
## SPNCRNA.611	7.666331e-05	1.205126e-04	5.812551e-04	-9.046468e-04
## SPAC5H10.02c	1.787016e-04	1.102741e-03	-1.685963e-04	-1.590633e-04
## SPNCRNA.613	6.500690e-05	3.289353e-05	-7.498904e-06	3.187475e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-1.955127e-03	1.469196e-03	3.962006e-03	1.289366e-04
## SPAC5H10.07	-5.755547e-05	5.272371e-04	1.408210e-04	4.121486e-04
## SPNCRNA.614	2.711592e-04	5.041338e-04	-2.125435e-04	-5.885558e-04
## SPNCRNA.615	1.308153e-04	6.632085e-05	-4.849967e-05	1.681121e-04
## SPNCRNA.616	3.133334e-04	9.315879e-05	2.015790e-04	1.810235e-05
## SPAC13G6.02c	2.417571e-02	-2.858740e-02	-1.476690e-02	-1.852861e-03

## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-1.866066e-03	2.532487e-03	-1.265699e-03	2.064486e-03
## SPAC13G6.05c	1.872532e-03	-5.331086e-04	1.178653e-04	-1.709359e-03
## SPAC13G6.06c	3.457985e-04	-1.605407e-03	6.492647e-03	-1.293891e-02
## SPAC13G6.07c	2.779813e-02	-2.656325e-03	-6.474638e-03	-2.465763e-02
## SPAC13G6.08	8.420740e-04	-3.271629e-04	-1.201057e-04	-1.003726e-03
## SPNCRNA.619	-1.401681e-03	-1.791553e-03	-9.840343e-05	-4.261464e-04
## SPAC13G6.09	3.328383e-03	-1.349351e-03	-7.674680e-04	1.058128e-04
## SPAC13G6.10c	-1.190315e-02	1.228986e-03	-1.388305e-02	-7.502865e-03
## SPAC13G6.11c	-3.273575e-04	1.745223e-03	-2.229296e-03	-4.399479e-03
## SPAC13G6.12c	1.362468e-03	2.230217e-03	-1.761403e-03	8.255254e-04
## SPAC13G6.13	3.910295e-05	-1.423156e-05	-1.701852e-05	1.908458e-06
## SPAC24B11.06c	5.518971e-03	-3.389441e-04	3.621164e-03	-7.393155e-04
## SPNCRNA.622	-4.069899e-04	-3.462255e-04	1.372122e-03	-1.344278e-03
## SPAC24B11.07c	3.874631e-03	-2.403619e-03	-2.030068e-03	-1.520816e-03
## SPNCRNA.623	3.390524e-04	6.753502e-04	4.662350e-05	-9.984663e-04
## SPAC24B11.10c	-2.494387e-03	-1.098077e-03	-1.055737e-03	-3.480700e-03
## SPAC24B11.14	-5.234225e-04	3.568950e-04	3.426317e-04	1.438264e-04
## SPAC24B11.13	7.976677e-04	1.843735e-03	3.408175e-03	-2.354529e-03
## SPAC806.03c	2.213036e-04	3.102090e-03	-1.519991e-04	1.225754e-02
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	2.489873e-03	-7.112233e-04	1.841305e-03	9.307330e-05
## SPAC806.05	1.291333e-03	-1.049118e-03	-1.610525e-03	-5.459939e-04
## SPNCRNA.629	3.504062e-04	2.716464e-05	-2.504472e-04	-5.250737e-04
## SPAC806.08c	-1.049881e-04	-2.381007e-04	-1.656055e-04	-2.170637e-03
## SPAC1639.01c	5.578201e-03	1.767625e-03	-7.496605e-03	-2.021475e-03
## SPAC1639.02c	4.677214e-03	8.667528e-04	5.217052e-04	-4.837939e-03
## SPNCRNA.631	1.094034e-05	-1.999602e-06	-9.552120e-05	-4.175485e-05
## SPAC1F5.10	1.755740e-03	-1.282711e-04	-1.913251e-03	-8.540230e-03
## SPNCRNA.634	1.341114e-04	4.028806e-04	-3.698090e-05	1.142726e-03
## SPAC1F5.09c	7.702923e-05	-2.050915e-04	1.789446e-04	-7.016296e-04
## SPAC1F5.08c	-1.255605e-03	2.411827e-03	-2.398790e-04	-5.952454e-04
## SPAC1F5.06	4.093257e-03	-3.415329e-03	-5.519797e-03	-2.859384e-03
## SPAC1F5.05c	-6.000856e-04	2.448942e-04	-3.091993e-04	-8.745508e-04
## SPAC1F5.03c	-2.384280e-04	-1.861730e-03	3.717569e-05	-2.504012e-03
## SPAC18B11.11	6.341508e-04	-1.525481e-04	1.364871e-03	-7.319815e-03
## SPAC18B11.06	3.788660e-04	2.956121e-04	-2.645072e-03	-2.859992e-03
## SPAC18B11.05	-6.982213e-04	-8.552639e-05	-8.879561e-04	3.810043e-04
## SPAC18B11.03c	-3.874531e-04	3.390728e-04	1.363621e-03	-1.010566e-03
## SPAC12G12.16c	1.677418e-03	2.220813e-04	-2.196249e-03	1.619924e-03
## SPAC12G12.13c	3.897761e-03	-7.315843e-03	-3.614848e-03	-1.026096e-02
## SPAC12G12.12	-5.282369e-04	-4.471846e-04	-4.521517e-03	-1.565989e-03
## SPAC12G12.11c	-1.374601e-03	7.001451e-04	2.476902e-03	-3.270326e-03
## SPAC12G12.17	3.519977e-04	-7.847205e-04	-3.600971e-04	-1.652487e-03
## SPAC12G12.08	-5.362815e-04	-5.806310e-04	-1.345566e-03	2.306101e-03
## SPAC12G12.07c	7.519357e-03	-2.596737e-04	4.065882e-03	-8.713231e-03
## SPAC12G12.05c	3.197657e-03	1.498000e-03	-4.772589e-03	-2.895733e-03
## SPSNORNA.29	1.692533e-03	-4.561348e-03	3.272235e-03	7.864565e-04
## SPAC12G12.04	-1.277296e-02	2.816182e-02	3.597833e-02	3.174539e-02
## SPAC12G12.02	3.037196e-03	-2.940870e-03	-3.973511e-03	-4.463191e-03
## SPNCRNA.640	-1.541593e-05	8.684440e-05	-3.993663e-04	-6.034198e-04
## SPAC12G12.01c	8.006641e-03	4.294605e-03	-2.533250e-03	-4.735767e-03

## SPAC630.04c	8.884594e-05	4.910923e-04	1.333569e-03	-5.574604e-04
## SPAC630.03	5.234642e-03	-4.528940e-03	-5.289863e-03	-5.767822e-03
## SPAC630.06c	-1.249458e-03	-2.690580e-04	-2.107771e-03	-3.404049e-03
## SPAC630.07c	7.497977e-04	6.150872e-04	-1.068795e-03	-2.549154e-03
## SPNCRNA.641	-1.036463e-04	1.185078e-04	-5.529443e-06	-8.186473e-05
## SPAC630.08c	-1.013177e-02	-2.943927e-03	-6.768354e-03	-2.864984e-03
## SPNCRNA.642	-1.477629e-04	2.226734e-04	1.361332e-04	1.476542e-05
## SPAC630.09c	2.815416e-03	2.237366e-03	-1.419559e-04	1.034326e-03
## SPAC630.10	6.200756e-04	8.023904e-04	-4.744111e-06	-3.651307e-05
## SPAC1751.03	1.020185e-02	4.900516e-04	1.198302e-03	-7.288016e-03
## SPAC31A2.05c	-1.095710e-03	1.230699e-03	1.918234e-03	-4.482285e-03
## SPAC31A2.08	1.752169e-03	-7.752627e-04	-1.507987e-03	-1.358340e-03
## SPAC31A2.10	-1.162804e-03	-3.128333e-04	-7.965674e-04	-1.094325e-03
## SPAC31A2.15c	9.380942e-04	-6.008646e-04	2.697175e-03	-4.459774e-03
## SPAC13C5.02	2.726671e-04	2.561238e-04	-1.029249e-03	-4.951340e-03
## SPAC13C5.03	-1.366254e-03	1.053535e-03	-9.174181e-04	-7.171192e-04
## SPSNORNA.01	-3.451734e-03	2.447077e-02	2.729547e-02	-1.255201e-02
## SPNCRNA.646	1.195454e-03	7.128352e-04	-5.346416e-04	-1.034483e-03
## SPAC13C5.07	-7.902667e-03	1.168199e-03	1.589140e-02	6.736134e-03
## SPNCRNA.647	-4.160843e-05	6.465337e-04	3.035585e-04	-7.641732e-04
## SPNCRNA.648	3.763530e-04	5.415633e-04	1.132016e-04	7.042220e-04
## SPAC23E2.01	2.008514e-03	4.954390e-03	-3.543955e-03	-2.562189e-02
## SPNCRNA.649	-5.577196e-05	-1.495558e-04	3.714768e-05	-2.109708e-04
## SPAC23E2.03c	1.769638e-04	-3.396084e-04	3.112623e-05	-1.637675e-04
## SPNCRNA.650	-8.404784e-05	6.589347e-05	1.611311e-04	-1.644255e-04
## SPAC24H6.13	4.509749e-03	6.490943e-03	-1.945118e-02	-2.174508e-02
## SPNCRNA.651	-1.023429e-05	9.724748e-05	-1.965410e-03	1.281606e-03
## SPAC24H6.10c	2.031105e-04	8.298924e-04	-5.721732e-04	-1.200002e-02
## SPAC24H6.08	2.154976e-03	3.587042e-04	-2.291901e-04	3.845277e-04
## SPAC24H6.05	-2.111837e-03	-1.122226e-03	-1.807863e-04	-7.563070e-04
## SPAC24H6.03	4.025715e-03	-4.996089e-04	-1.192624e-03	-1.101946e-03
## SPNCRNA.47	2.712589e-04	-1.738644e-04	-2.053143e-04	-1.080440e-04
## SPAPB21F2.02	4.343541e-03	-6.954200e-04	-1.161721e-03	-8.203986e-03
## SPAPB21F2.03	-5.576894e-04	-1.148807e-03	4.936247e-05	2.996705e-04
## SPAC227.01c	2.817431e-03	-1.012803e-03	-1.315831e-03	4.508698e-04
## SPAC227.02c	1.168011e-05	-2.145877e-03	1.332295e-04	-2.296823e-03
## SPAC227.03c	-1.687105e-03	6.029077e-04	-1.256461e-03	-3.101875e-04
## SPNCRNA.656	-5.684029e-06	1.021640e-04	3.103636e-04	5.945147e-05
## SPAC227.04	2.628502e-04	9.422510e-04	-4.630098e-04	5.832674e-04
## SPNCRNA.658	-2.135347e-04	7.684924e-05	-1.482825e-04	-2.264995e-04
## SPAC227.14	3.435078e-05	3.382873e-04	-3.555962e-04	2.269322e-03
## SPAC227.15	-9.318552e-04	-1.973428e-03	1.652187e-03	-3.666376e-03
## SPNCRNA.659	-1.711699e-05	-4.062657e-04	-1.775946e-03	-4.518363e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	1.217271e-03	7.655604e-04	-6.858765e-04	-4.595094e-03
## SPAC227.18	-6.681308e-03	2.392858e-03	-8.616927e-04	3.751025e-03
## SPAC2F7.02c	2.944786e-04	-9.703854e-04	1.950040e-03	-1.369140e-03
## SPAC2F7.03c	1.447030e-03	-4.634023e-04	-1.721932e-03	1.136587e-03
## SPAC2F7.05c	-1.835177e-03	1.234073e-03	-1.357706e-02	4.376025e-03
## SPAC2F7.06c	-7.192125e-05	-3.356165e-05	-6.609870e-04	4.610038e-04
## SPAC2F7.07c	-1.535715e-03	8.782529e-04	2.957842e-03	-1.751024e-03
## SPAC2F7.08c	1.617844e-03	-1.648510e-03	-1.297564e-03	2.936684e-04
## SPAC2F7.09c	4.658612e-04	-1.050742e-03	-2.325648e-04	-3.897859e-03
## SPAC2F7.10	1.719440e-03	1.208810e-03	-1.211163e-03	-5.321847e-03

## SPAC2F7.11	-1.968741e-05	1.425375e-03	-1.687335e-03	-7.794849e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	8.431173e-03	6.441653e-04	-5.711440e-03	-3.634198e-03
## SPAC2F7.16c	1.596107e-03	-4.817188e-03	-9.120954e-04	-7.653938e-03
## SPAC2F7.17	5.573452e-04	-1.084768e-03	-1.345629e-03	-2.931787e-03
## SPAC13A11.02c	-9.086934e-03	4.827423e-03	4.879347e-03	6.828845e-03
## SPNCRNA.155	-1.047095e-04	-3.547507e-05	-3.778211e-05	-8.474100e-05
## SPNCRNA.662	-1.678935e-04	1.504801e-04	5.308053e-05	-7.752050e-04
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-4.023663e-04	4.204254e-04	-5.060609e-05	-2.479304e-05
## SPAC3H8.05c	3.426180e-04	1.904506e-03	-1.571040e-04	1.061629e-03
## SPNCRNA.664	2.078590e-04	1.430723e-04	-4.788010e-04	3.449063e-04
## SPNCRNA.665	-1.868487e-04	-1.742366e-05	1.280772e-04	-2.331811e-04
## SPAC3H8.06	4.897509e-04	-8.604376e-04	9.508315e-04	3.906158e-03
## SPAC3H8.07c	1.217294e-03	-1.266344e-04	-1.437120e-05	-3.368689e-03
## SPNCRNA.666	9.337173e-05	-1.372487e-04	-2.606488e-04	-8.661781e-04
## SPAC3H8.09c	1.477948e-03	-1.652521e-03	-8.160736e-04	-8.882635e-03
## SPAC1F3.07c	8.961926e-04	-3.029494e-04	-5.911200e-04	5.329943e-04
## SPNCRNA.668	-8.330039e-04	1.154494e-03	8.298855e-04	-5.094731e-04
## SPAC1F3.08c	-1.484959e-06	3.826747e-05	-1.294574e-05	3.625841e-06
## SPAC1F3.09	1.627988e-02	-9.465671e-03	-8.712603e-03	-3.451325e-03
## SPNCRNA.669	3.344741e-04	1.225164e-03	-8.610553e-04	1.012262e-03
## SPAC1F3.10c	1.943937e-03	1.492159e-03	1.592272e-03	-2.461900e-03
## SPAC1D4.04	-1.139174e-03	2.541124e-03	-2.969948e-03	-7.044247e-03
## SPAC1D4.06c	-8.466868e-04	1.151512e-04	2.211835e-04	-9.697707e-04
## SPAC1D4.08	2.143698e-03	1.753967e-03	-5.493799e-04	2.498940e-03
## SPAC1D4.09c	-1.037696e-03	3.098319e-04	1.475402e-03	-9.453252e-04
## SPAC1D4.11c	4.896744e-05	1.098214e-03	-3.084484e-03	-1.100147e-02
## SPNCRNA.672	4.928024e-04	-5.887916e-05	-7.745834e-04	5.395435e-04
## SPNCRNA.673	1.939277e-04	-1.050302e-04	-2.466881e-05	3.069467e-04
## SPAC1D4.13	2.044191e-03	3.615465e-04	1.783130e-04	2.607236e-04
## SPNCRNA.674	3.259036e-04	-2.689662e-04	-5.701572e-04	-2.876303e-03
## SPAC22F3.12c	-1.973510e-04	5.971396e-05	-9.785895e-04	-1.088681e-03
## SPAC22F3.09c	1.899352e-03	1.128177e-03	1.113192e-04	-1.649475e-03
## SPAC22F3.15	-7.639699e-04	3.797380e-04	-1.935456e-04	2.075378e-04
## SPAC22F3.06c	6.070781e-03	-5.523848e-03	-2.713458e-03	-2.929425e-03
## SPAC22F3.04	-1.244554e-05	-1.324456e-04	7.835949e-06	-1.154632e-04
## SPATRNAVAL.02	-1.782106e-02	-6.737871e-02	2.112944e-02	-1.517919e-02
## SPAC22F3.02	3.806769e-04	1.382514e-04	2.900538e-04	-2.996613e-04
## SPAC1296.01c	-2.483846e-03	-4.392452e-03	5.152120e-03	-3.864705e-03
## SPAC1296.02	1.653238e-03	1.493098e-03	-2.965536e-03	3.526592e-03
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	3.538269e-03	2.544665e-04	-5.888748e-04	-7.123469e-03
## SPAC1296.06	1.101381e-03	-5.591209e-04	4.771599e-04	1.535609e-04
## SPAC22G7.02	7.812709e-03	-1.207839e-03	-6.722545e-03	-1.086373e-02
## SPAC22G7.04	3.784959e-03	2.099386e-04	6.060941e-04	1.494053e-03
## SPAC22G7.06c	-1.480223e-04	-1.827381e-02	-2.461765e-04	6.986794e-02
## SPAC22G7.07c	1.890852e-03	-8.495707e-05	-1.959532e-03	-1.236340e-03
## SPAC22G7.08	2.352246e-03	2.248589e-04	-9.569036e-04	1.680718e-05
## SPAC22G7.11c	-8.714653e-04	1.012412e-03	6.545513e-04	-2.205860e-05
## SPNCRNA.679	-6.212135e-05	3.484455e-05	-5.600590e-04	-4.377273e-05
## SPNCRNA.680	-3.961058e-05	-3.961962e-05	2.708398e-04	-6.850795e-04
## SPAC4G8.04	2.278802e-03	-2.591723e-06	1.508344e-03	6.690482e-05
## SPAC4G8.05	2.426407e-03	3.633492e-03	5.096767e-03	-1.128879e-03

## SPAC4G8.07c	3.863568e-04	-6.802955e-04	3.590906e-04	-2.964027e-03
## SPNCRNA.681	2.528927e-05	-3.081498e-06	-1.235905e-05	2.211680e-05
## SPNCRNA.682	-1.619532e-04	4.521205e-04	-1.506188e-04	-2.054979e-04
## SPAC4G8.09	1.708551e-03	-2.561367e-03	-2.150426e-04	-2.110049e-03
## SPNCRNA.683	9.707013e-07	4.541595e-05	5.962970e-04	-2.910158e-04
## SPAC4G8.10	6.328654e-04	1.709543e-03	2.820014e-04	2.369996e-04
## SPNCRNA.684	-3.040624e-04	-2.372289e-05	-6.060715e-05	2.024858e-04
## SPAC16C9.01c	2.187022e-03	-1.026038e-03	7.823786e-04	-1.784166e-03
## SPNCRNA.685	3.706165e-05	1.590298e-04	-4.904532e-04	2.377596e-05
## SPNCRNA.686	-3.146098e-04	2.522185e-04	-8.980625e-05	1.345375e-03
## SPAC16C9.02c	4.752806e-03	4.792956e-03	-3.259300e-03	-1.377650e-02
## SPAC16C9.03	6.206134e-04	1.060231e-03	-4.278841e-03	-2.139489e-03
## SPAC16C9.04c	-6.471332e-05	1.154115e-04	3.007417e-04	-1.980972e-03
## SPNCRNA.687	-1.045998e-03	3.821508e-05	5.990222e-04	-9.194443e-04
## SPAC16C9.06c	1.367267e-03	-3.242434e-03	-3.394215e-03	-1.317709e-03
## SPAC16C9.07	2.209255e-03	-8.677212e-04	2.771522e-04	-6.841217e-03
## SPAC2G11.04	3.514530e-04	-3.444373e-04	-6.763258e-04	9.607444e-04
## SPAC2G11.05c	-2.324426e-04	9.506414e-04	9.493031e-05	-2.066837e-03
## SPAC2G11.08c	3.359101e-04	-1.158241e-03	-1.686289e-03	-1.937564e-03
## SPAC2G11.10c	7.233905e-04	2.665792e-04	-1.531199e-03	-8.702242e-05
## SPNCRNA.689	3.544748e-04	1.837260e-04	2.273459e-04	4.293399e-04
## SPAC2G11.11c	1.456288e-04	-2.128890e-03	-3.188850e-03	-1.509546e-04
## SPNCRNA.690	1.565980e-04	-3.956730e-05	-2.091498e-04	3.636815e-05
## SPAC2G11.13	1.097321e-03	-6.864428e-05	-5.313293e-04	-7.197933e-04
## SPAC2G11.14	1.340137e-03	-4.483146e-03	-2.761920e-03	2.551715e-03
## SPAC2G11.15c	1.431852e-03	-7.821717e-04	-5.904676e-04	1.959745e-03
## SPAC521.04c	2.907471e-03	-2.050024e-03	-2.858628e-03	-2.346962e-03
## SPNCRNA.693	-7.280981e-05	-4.656924e-05	8.792113e-05	3.400449e-05
## SPAC23G3.02c	-4.192813e-03	-2.796971e-03	-1.979545e-03	5.407208e-03
## SPAC23G3.03	-2.396648e-03	-2.961843e-04	3.235243e-04	-1.969852e-03
## SPAC23G3.05c	-5.074306e-04	-6.490980e-04	1.093017e-04	-5.089396e-05
## SPAC23G3.09	4.304419e-03	-1.173286e-04	2.034762e-03	-4.779861e-03
## SPAC23G3.11	8.400286e-03	-1.456683e-03	1.147370e-03	3.200813e-03
## SPAC23G3.12c	9.404687e-03	-4.846781e-03	-6.083003e-03	-9.118946e-03
## SPAC22H12.03	9.965375e-04	9.440393e-04	-3.020505e-04	3.010118e-04
## SPAC22H12.04c	6.376042e-02	-2.744729e-02	-1.021396e-01	-8.517221e-02
## SPAC1687.02	9.084015e-04	-4.700448e-04	2.170080e-04	-1.211021e-03
## SPAC1687.03c	3.171210e-03	-1.642637e-03	-8.496470e-04	-2.343541e-03
## SPNCRNA.695	1.574959e-04	3.469262e-04	6.971510e-05	-5.293003e-04
## SPRRNA.12	1.748747e-01	-1.755934e-01	2.554024e-02	2.013159e-01
## SPAC1687.07	-4.070178e-04	5.060276e-04	9.276073e-04	-1.532463e-04
## SPAC1687.08	-1.983116e-05	2.721130e-04	4.004265e-04	-1.505935e-04
## SPAC1687.09	5.908545e-03	-5.164687e-03	3.857523e-03	1.671187e-03
## SPAC1687.10	1.926927e-03	-1.255817e-03	-1.664597e-03	-2.590407e-06
## SPAC1687.13c	-1.061889e-03	1.094064e-03	-5.051214e-05	-1.364425e-03
## SPAC1687.23c	-9.153709e-07	1.382349e-05	1.375751e-05	-1.752683e-05
## SPAC1687.15	9.413161e-04	-5.804219e-04	1.722967e-03	-2.798248e-04
## SPNCRNA.697	-1.848436e-05	1.373406e-04	1.662598e-04	1.241583e-05
## SPAC1687.21	-3.739845e-04	1.653469e-03	7.397406e-04	-8.955447e-03
## SPAC1687.22c	8.167022e-04	-1.190887e-03	-9.815144e-04	-4.354976e-03
## SPNCRNA.698	4.738513e-04	2.472332e-04	-1.040471e-03	1.001564e-03
## SPNCRNA.699	6.226403e-04	9.153613e-04	1.275060e-05	4.568318e-04
## SPAC222.05c	1.078609e-03	-1.713942e-04	-3.407613e-04	-2.467316e-03
## SPNCRNA.700	1.271225e-04	-7.024525e-05	-2.817889e-04	-1.229643e-04

## SPATRNAGLU.02	3.534808e-02	-1.234152e-01	-4.902505e-02	-1.222735e-01
## SPAC222.09	-2.103704e-03	-3.982376e-03	-2.513974e-03	-2.836446e-03
## SPAC222.10c	2.673140e-03	-2.525616e-04	-2.955122e-03	-1.702098e-03
## SPAC222.11	-7.408172e-03	5.042627e-03	1.766923e-04	-1.235590e-03
## SPAC222.12c	2.369018e-02	-1.557720e-02	1.930981e-02	3.786363e-02
## SPAC222.13c	2.292353e-03	-7.399062e-04	8.886021e-04	-4.066001e-03
## SPAC222.14c	2.650769e-03	-4.551310e-04	-2.305531e-03	-1.156475e-03
## SPNCRNA.50	-2.859545e-05	4.209917e-05	-2.635863e-04	-2.392458e-06
## SPAC821.03c	2.438850e-03	2.923071e-03	-1.521561e-03	-5.772390e-03
## SPAC821.04c	5.236551e-03	-1.814057e-04	-2.975073e-03	2.989003e-03
## SPSNRNA.03	-1.237644e-01	-1.501067e-01	4.889291e-02	-2.108517e-04
## SPAC821.07c	3.652297e-03	-2.459905e-04	2.176634e-03	-4.464721e-04
## SPNCRNA.163	-1.064424e-04	1.564131e-04	-1.192315e-04	-9.355822e-05
## SPNCRNA.164	1.692068e-05	4.823194e-05	-7.271958e-06	-2.786105e-05
## SPAC821.11	8.768914e-04	-1.097306e-03	-1.826418e-03	2.284257e-04
## SPAC821.13c	4.008664e-03	5.931829e-04	-1.854800e-03	-1.265191e-03
## SPAC139.03	2.557998e-03	-3.706606e-04	-3.094743e-03	-3.374058e-03
## SPAC139.04c	3.074500e-04	1.576946e-04	-3.966753e-04	1.831038e-04
## SPNCRNA.705	-2.310417e-04	7.912273e-05	-3.769089e-05	-8.810384e-05
## SPAC139.05	5.762229e-02	-1.156871e-02	7.513150e-03	-9.454020e-03
## SPNCRNA.706	8.687730e-04	-5.633364e-04	2.264695e-04	-8.378005e-04
## SPAC139.06	1.273437e-03	-2.033171e-03	-2.410058e-03	-1.079528e-03
## SPNCRNA.707	2.187899e-04	3.014390e-04	4.260522e-04	3.483056e-04
## SPAC23C4.02	5.451582e-03	7.711973e-04	-9.099239e-03	-1.458967e-02
## SPAC23C4.04c	1.408956e-03	-1.742248e-04	-5.905166e-04	1.033334e-03
## SPAC23C4.07	4.025312e-04	-5.006245e-04	-8.241799e-04	4.904578e-04
## SPAC23C4.08	3.798668e-04	-2.045829e-04	4.784674e-04	3.769960e-04
## SPNCRNA.708	3.333110e-04	-5.557311e-04	1.576334e-04	-5.236817e-04
## SPAC23C4.12	-4.286742e-04	-2.403788e-04	-9.238306e-04	-2.033990e-03
## SPAC23C4.16c	3.571886e-03	-4.415302e-04	1.800008e-03	-2.295269e-03
## SPNCRNA.709	-1.831724e-04	7.431928e-04	3.986355e-04	1.648737e-05
## SPNCRNA.166	2.767304e-04	-3.640444e-05	4.939626e-05	1.977607e-04
## SPAC23C4.19	2.266176e-03	-2.680385e-04	-6.925968e-03	-7.069163e-03
## SPAC1A6.11	-1.636794e-04	-1.590171e-05	-3.752138e-04	-8.131003e-05
## SPAC1A6.05c	2.597170e-03	-1.602545e-03	3.767155e-04	-4.087808e-03
## SPAC1A6.07	2.908022e-03	-7.060696e-04	4.904453e-04	7.233937e-04
## SPAC1A6.09c	1.994509e-03	-4.198023e-04	-1.199417e-03	-1.008280e-02
## SPAC1A6.10	1.723004e-03	-1.240756e-04	-2.480372e-03	5.724876e-03
## SPAC30D11.13	-1.288315e-03	-7.308090e-04	1.104738e-04	-1.145762e-03
## SPAC30D11.12	1.544570e-02	4.706595e-03	-6.643393e-03	-1.088555e-02
## SPAC30D11.11	-3.497563e-03	1.739960e-03	4.860618e-03	-6.160287e-03
## SPAC30D11.10	-1.027301e-03	-7.935225e-04	-8.042762e-04	-1.089314e-03
## SPNCRNA.712	7.385041e-05	-2.672133e-04	-2.125179e-05	-8.506018e-04
## SPAC30D11.09	2.181353e-03	-4.881354e-05	-1.136748e-04	4.676763e-04
## SPAC30D11.08c	-1.340082e-04	3.062451e-04	-7.428144e-04	-1.534653e-03
## SPAC30D11.04c	6.223608e-03	-5.662237e-03	-2.122663e-03	-4.960626e-03
## SPAC30D11.03	4.476077e-03	-1.213603e-03	-4.654274e-03	-1.124188e-03
## SPAC30D11.01c	4.709532e-03	7.803203e-04	-1.450918e-03	-3.169445e-03
## SPNCRNA.713	-1.136684e-03	6.621654e-04	2.413542e-04	-9.534085e-04
## SPNCRNA.714	-1.098211e-04	1.625346e-05	1.517320e-05	3.254483e-05
## SPAC56F8.03	4.215756e-03	-5.007743e-03	-1.147526e-02	-1.525149e-02
## SPAC56F8.05c	-5.102359e-03	2.603159e-03	-3.610909e-04	-7.259905e-04
## SPNCRNA.715	3.263355e-04	-1.696207e-04	-3.209031e-04	3.037698e-04
## SPAC56F8.07	1.166607e-03	1.603629e-03	-2.794553e-03	1.585828e-03

## SPAC56F8.08	-2.988476e-03	-4.609260e-04	-3.557123e-03	1.631439e-03
## SPAC56F8.10	5.709689e-03	-3.117169e-03	-6.132085e-03	3.928167e-03
## SPAC56F8.11	-1.057951e-03	3.384110e-03	1.549820e-03	-5.427044e-04
## SPAC56F8.14c	-8.575186e-04	-2.583837e-04	-3.587173e-04	-2.453820e-03
## SPAC56F8.13	-3.000174e-04	7.206102e-04	-1.666385e-04	-4.306873e-04
## SPAC56F8.15	4.294016e-04	-1.592176e-04	-5.627151e-04	7.743909e-04
## SPAC22A12.01c	2.066960e-03	-7.300665e-04	1.112312e-03	-5.107780e-03
## SPAC22A12.03c	8.261871e-04	1.737761e-03	2.270489e-03	-1.489153e-03
## SPAC22A12.05	2.245521e-03	-8.922783e-04	-9.500466e-04	-3.436477e-03
## SPAC22A12.06c	1.403535e-03	2.571120e-03	1.039704e-03	-2.369310e-03
## SPNCRNA.718	-5.309841e-04	2.328720e-04	5.324834e-04	-1.389821e-03
## SPAC22A12.13	1.168801e-03	-9.731440e-04	6.367475e-04	-2.577105e-03
## SPAC22A12.15c	4.061926e-02	-6.456030e-02	-5.670871e-03	-4.356393e-02
## SPAC22A12.16	2.187971e-03	3.706342e-03	-1.326488e-02	-5.528786e-03
## SPAC4C5.01	2.901871e-03	1.309667e-03	-2.733177e-03	-1.406965e-03
## SPATRNAALA.02	6.787597e-04	-2.275450e-04	-2.177685e-03	-3.574912e-03
## SPNCRNA.722	1.833093e-03	-1.139102e-04	-6.916869e-04	-4.699924e-04
## SPAC4C5.04	1.848279e-03	-1.102725e-03	1.828569e-03	-1.421513e-03
## SPNCRNA.723	1.120187e-04	5.390277e-04	-7.675656e-05	-2.187111e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	3.234401e-03	-1.322531e-03	1.431615e-02	-9.058378e-03
## SPAC10F6.04	2.723947e-03	4.014956e-04	-3.835195e-04	-4.650340e-04
## SPAC10F6.06	2.376192e-02	-1.750894e-02	-3.393568e-03	1.318720e-02
## SPAC10F6.07c	-4.949699e-04	1.871033e-04	-3.656633e-04	-4.955425e-04
## SPNCRNA.554	-4.972624e-04	1.287874e-04	-6.794910e-05	-3.746397e-05
## SPAC10F6.08c	-9.702288e-05	-9.459099e-04	-5.188952e-04	-1.385462e-03
## SPAC10F6.09c	5.519839e-03	-3.350801e-03	-5.913130e-03	-2.622125e-03
## SPAC10F6.11c	-1.367475e-03	-2.300813e-03	-1.590026e-03	-2.808891e-03
## SPAC10F6.12c	9.428643e-04	1.520322e-03	1.710716e-04	-1.799475e-03
## SPAC10F6.13c	-1.308636e-02	2.254292e-03	5.005413e-03	3.908149e-03
## SPAC10F6.14c	7.803382e-04	1.084613e-03	-2.572568e-03	-4.237766e-03
## SPNCRNA.82	3.597570e-05	1.680688e-05	3.266748e-05	6.469722e-05
## SPNCRNA.727	-5.034297e-04	3.356280e-04	6.931040e-04	5.179577e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-1.405358e-03	9.159613e-04	-1.998048e-03	-1.990925e-04
## SPNCRNA.729	1.893456e-04	4.136764e-05	-1.962229e-05	-2.505322e-05
## SPAC10F6.16	-5.717397e-03	6.251424e-04	-4.339796e-03	-4.200118e-03
## SPAC56E4.02c	1.369490e-03	3.287063e-04	-1.838117e-03	-1.157693e-03
## SPAC56E4.04c	-2.751644e-02	5.316521e-03	-8.849813e-02	5.716095e-02
## SPAC56E4.05	1.418851e-03	1.004197e-05	-6.664016e-06	-5.003697e-04
## SPAC56E4.06c	-7.984776e-04	8.171346e-04	-1.144385e-03	-2.947495e-03
## SPAC1420.01c	-2.825515e-04	-3.989533e-03	-2.744828e-03	-6.368458e-03
## SPAPB17E12.04c	4.950290e-04	-6.506039e-04	-1.124309e-04	3.680021e-04
## SPAPB17E12.06	2.865946e-04	-8.342996e-04	-1.973261e-04	-7.153303e-04
## SPAPB17E12.07c	1.571618e-04	1.236217e-03	-8.921575e-04	-1.711904e-03
## SPAPB17E12.08	3.788395e-04	-4.092155e-04	-4.513813e-04	-9.942865e-04
## SPAPB17E12.10c	-4.101775e-04	1.003369e-03	-1.844805e-03	-2.955800e-03
## SPAPB17E12.09	3.930571e-05	1.713169e-04	9.016184e-05	1.668917e-04
## SPAPB17E12.12c	1.627569e-03	-2.530918e-04	3.954407e-04	-7.447884e-04
## SPAPB17E12.14c	5.346469e-04	-6.513007e-03	4.998748e-03	-6.378028e-03
## SPAPB17E12.13	1.873024e-03	-3.117533e-02	-6.358663e-03	3.843844e-02
## SPAC1565.01	5.697221e-05	1.723665e-03	-4.371873e-03	-8.562301e-03
## SPAC1565.02c	1.815704e-03	9.233835e-05	-2.464332e-04	8.154600e-05
## SPAC1565.04c	-8.648674e-04	1.040489e-03	3.915899e-04	-7.118605e-05

## SPNCRNA.169	2.211178e-05	-1.528953e-05	-2.210002e-05	4.678221e-05
## SPAC1565.08	-8.237498e-03	-3.428080e-02	4.086645e-02	5.354289e-02
## SPAC6F12.02	4.578248e-03	-3.545288e-03	-4.036800e-04	-5.451376e-03
## SPAC6F12.03c	-1.145738e-03	2.663473e-04	1.251195e-03	4.695297e-04
## SPAC6F12.04	-9.627221e-04	3.807838e-03	3.203103e-03	-5.943103e-03
## SPAC6F12.05c	-2.085080e-03	1.923817e-03	-3.181792e-03	-1.505357e-03
## SPAC6F12.10c	4.021257e-03	2.207680e-03	3.030416e-04	6.872091e-03
## SPNCRNA.734	6.797930e-06	1.630649e-05	1.300210e-06	-5.110240e-05
## SPAC6F12.11c	5.112005e-03	2.496897e-04	-9.740746e-04	-5.044652e-03
## SPAC6F12.14	9.560663e-04	2.949920e-04	1.659450e-04	-3.377159e-03
## SPNCRNA.735	5.699232e-04	4.181739e-06	-1.299034e-04	-1.406545e-04
## SPAC6F12.16c	-2.298217e-03	1.813417e-03	-6.391678e-03	-7.774283e-03
## SPAC6F12.17	1.150323e-02	-5.390882e-03	-5.676771e-03	-7.806634e-03
## SPNCRNA.736	3.651537e-04	8.424026e-04	5.799539e-05	-5.944336e-04
## SPNCRNA.737	-8.197877e-06	3.187954e-04	-5.835717e-05	-6.210827e-04
## SPAC57A10.02	-1.258425e-03	-1.361612e-03	-3.189264e-04	-1.801886e-03
## SPNCRNA.739	-9.656415e-05	6.511154e-05	2.606005e-04	-7.530627e-04
## SPAC57A10.04	6.031597e-04	5.735870e-04	4.218081e-04	4.673273e-04
## SPAC57A10.14	1.835899e-03	-1.391140e-03	-4.286432e-05	4.546086e-04
## SPAC57A10.10c	9.392160e-03	-3.289891e-03	-1.680327e-02	-9.994982e-03
## SPAC57A10.11c	5.437879e-03	-2.404403e-03	2.336156e-03	-3.744018e-03
## SPAC20G8.01	2.535644e-03	-2.126634e-03	7.227715e-04	-6.128173e-03
## SPAC20G8.02	3.071395e-03	-3.607773e-04	6.659026e-06	-2.448118e-03
## SPNCRNA.58	3.790868e-04	2.709494e-05	-5.836228e-04	7.071926e-04
## SPAC20G8.03	-3.557069e-03	2.970472e-03	5.081543e-03	1.286353e-03
## SPNCRNA.740	2.661334e-04	-1.898947e-04	-4.876468e-04	-8.223392e-04
## SPAC20G8.07c	2.229151e-04	5.014545e-03	1.602268e-03	-3.425703e-03
## SPATRNACYS.01	2.068068e-03	8.187976e-04	-1.317377e-03	-7.707339e-03
## SPAC3A12.02	7.766055e-04	6.554862e-04	-6.061647e-04	-7.445008e-04
## SPAC3A12.03c	1.444198e-03	-9.134371e-04	8.656510e-04	-5.148888e-03
## SPAC3A12.05c	-4.267247e-03	1.955697e-03	2.510656e-04	6.058009e-04
## SPAC3A12.06c	-1.928966e-04	-6.339098e-04	4.087147e-03	9.954833e-04
## SPAC3A12.08	-6.979137e-04	-4.737781e-04	8.543309e-04	-5.126983e-04
## SPAC3A12.09c	-1.551118e-03	6.483863e-04	1.510605e-03	-3.169630e-03
## SPAC3A12.10	2.173745e-02	5.827586e-03	1.062392e-02	-6.676250e-03
## SPAC3A12.12	1.310073e-03	-1.503377e-03	-9.087045e-04	-2.968137e-03
## SPAC3A12.13c	-1.320104e-03	-4.351149e-03	2.206762e-03	-1.085397e-02
## SPATRNAPRO.03	4.874767e-03	-1.553779e-02	5.561905e-03	-1.161043e-03
## SPAC3A12.16c	1.891615e-03	-8.459149e-04	-5.861973e-03	-5.282477e-03
## SPAC3A12.17c	2.188981e-03	1.094764e-03	-1.126344e-03	-3.299570e-03
## SPAC9.02c	5.246198e-04	2.159090e-03	7.293977e-04	1.935251e-03
## SPAC9.04	1.094232e-05	7.958328e-06	-1.639428e-05	1.713400e-05
## SPAC9.07c	-4.067643e-03	-1.877667e-03	-1.507804e-03	-3.102770e-03
## SPNCRNA.742	-1.441610e-04	1.511856e-05	-4.398616e-04	-5.371150e-04
## SPATRNAMET.02	6.120952e-03	3.034615e-02	2.941668e-02	-7.689821e-03
## SPAC9.11	-1.019944e-03	2.502877e-04	-3.213638e-04	-1.156320e-03
## SPAC9.12c	2.585529e-03	-2.965608e-03	-5.825946e-04	9.183573e-04
## SPAC9.13c	1.127199e-03	3.031651e-04	-6.186394e-04	-9.284222e-04
## SPAC5D6.13	3.039819e-03	-2.828949e-03	-9.253007e-05	-6.700853e-03
## SPAC5D6.08c	-1.751821e-03	1.204111e-03	-4.417824e-04	3.189524e-04
## SPAC5D6.06c	2.192382e-04	-8.641831e-05	-3.410183e-04	-2.427130e-03
## SPAC5D6.05	-6.265816e-04	-2.680076e-04	-1.244625e-03	1.518223e-04
## SPAC5D6.01	6.832062e-03	5.372477e-03	-5.088648e-03	-6.250388e-03
## SPNCRNA.173	1.212497e-04	2.009386e-04	-1.010766e-04	3.638616e-04

## SPAC57A7.13	6.018298e-04	-7.499616e-04	-3.139207e-04	-5.467644e-03
## SPAC57A7.12	2.546009e-02	1.845186e-02	-2.459522e-02	-2.963671e-02
## SPAC57A7.11	3.564468e-03	3.317849e-03	-4.877868e-04	-3.425284e-03
## SPAC57A7.09	-2.342082e-04	-5.590668e-04	-2.534280e-03	-5.638454e-04
## SPATRNALEU.01	4.901257e-03	-1.938409e-03	-1.119097e-02	1.003002e-03
## SPAC57A7.07c	-2.448266e-04	-5.196301e-04	1.188070e-03	-1.544548e-03
## SPNCRNA.744	3.020390e-04	-1.109761e-04	1.103233e-04	-4.659762e-05
## SPAC57A7.05	1.231886e-02	-3.608884e-03	3.134359e-03	-3.052778e-03
## SPAC57A7.15c	-6.595157e-04	-4.998300e-04	4.423639e-04	-2.188422e-04
## SPAC167.06c	-2.268196e-03	1.002276e-04	-8.176172e-04	8.432317e-04
## SPAC167.02	-6.448613e-04	2.509972e-04	1.215055e-03	-2.641823e-03
## SPAC167.03c	-2.647579e-04	-1.076986e-03	-1.710122e-03	-2.005714e-03
## SPAC167.01	6.638891e-04	-1.552413e-04	1.064009e-03	-2.609674e-03
## SPNCRNA.555	-3.646478e-05	-1.180001e-04	-3.816683e-05	-1.125783e-04
## SPRRNA.53	-1.701507e-01	1.925652e-02	-1.653763e-01	-6.737934e-02
## SPAC1705.02	-5.913219e-04	1.465162e-03	1.104291e-03	-1.694277e-03
## SPNCRNA.175	-8.222003e-05	-3.194063e-06	1.377760e-04	-1.249004e-04
## SPAC23H4.18c	-2.158866e-03	1.551933e-03	-1.595852e-03	-1.539225e-04
## SPAC23H4.14	4.717761e-04	-7.590428e-04	4.271621e-04	-2.053492e-03
## SPAC23H4.11c	1.711445e-03	3.664728e-04	7.030346e-05	-1.670462e-03
## SPAC23H4.10c	3.103903e-03	2.949813e-03	-4.908720e-04	-8.321220e-03
## SPAC23H4.09	2.830363e-03	2.521960e-03	-1.720595e-02	4.657157e-03
## SPAC23H4.06	1.136213e-02	-1.565929e-03	9.061619e-03	-1.458150e-03
## SPAC23H4.03c	5.949336e-03	-1.718903e-03	-7.834226e-04	-5.620468e-03
## SPAC23H4.02	1.704090e-04	-7.468026e-04	-1.726050e-03	-1.297862e-04
## SPAC23H4.01c	1.495373e-03	6.437021e-04	-4.510659e-03	3.237349e-04
## SPAP27G11.02	1.031813e-03	-1.931349e-04	-1.339615e-03	-1.336517e-04
## SPNCRNA.748	7.252773e-05	-7.602181e-05	3.139600e-05	2.342459e-04
## SPAP27G11.04c	3.342581e-03	-7.934262e-04	-2.548901e-03	3.053633e-03
## SPAP27G11.06c	1.054487e-03	2.962047e-03	6.123321e-04	-3.120318e-03
## SPAP27G11.07c	-9.749106e-04	-5.666301e-04	-9.014116e-05	-9.529789e-04
## SPAP27G11.08c	1.201502e-04	-1.726667e-04	-2.789675e-04	-5.334089e-04
## SPAP27G11.10c	5.847533e-03	1.850254e-03	-3.917965e-03	-1.853443e-03
## SPAP27G11.11c	-1.787156e-05	-2.753345e-05	-1.899495e-04	3.072888e-04
## SPNCRNA.750	2.536186e-05	2.274333e-05	5.666148e-05	5.706256e-06
## SPAP27G11.16	-6.007319e-04	3.090041e-04	-5.973696e-04	1.776459e-03
## SPAP27G11.12	1.411279e-03	-1.469492e-03	-6.578328e-04	-7.445375e-03
## SPAP27G11.13c	5.287992e-03	1.094231e-03	-4.016634e-03	-1.911978e-04
## SPAC343.02	3.199809e-03	-1.383916e-03	2.772237e-03	-1.813585e-03
## SPATRNAGLY.01	3.482126e-03	-1.162512e-03	-1.921793e-02	1.378940e-02
## SPNCRNA.751	2.636904e-04	2.314588e-04	3.123998e-05	-1.590603e-04
## SPAC343.06c	2.982575e-03	2.045527e-03	-2.483636e-03	-3.549173e-03
## SPAC343.09	1.202762e-03	-3.442690e-03	7.377903e-04	4.370964e-03
## SPNCRNA.753	1.300588e-04	1.492948e-04	2.520679e-04	-3.526077e-04
## SPAC343.21	1.024927e-03	-8.793043e-05	7.133082e-04	1.328675e-04
## SPAC343.12	6.924497e-02	-4.351779e-02	-4.155260e-02	-2.269909e-02
## SPAC343.13	1.098096e-03	-1.123984e-03	1.845541e-04	-1.303012e-03
## SPAC343.14c	1.089853e-03	1.315390e-03	-3.725868e-04	2.488799e-03
## SPAC343.16	6.185252e-03	2.753785e-03	-1.511046e-03	-1.015428e-03
## SPAC343.18	-2.090800e-03	-6.523407e-04	2.653736e-05	-2.406826e-03
## SPAC343.19	2.586779e-03	-4.640917e-04	-5.070432e-04	-4.999959e-03
## SPAC824.02	6.920127e-03	3.562490e-03	-1.303913e-03	-6.605305e-03
## SPAC824.03c	3.102926e-03	-7.475284e-04	1.496572e-03	-1.938758e-03
## SPNCRNA.755	4.686794e-04	-3.012128e-04	6.686316e-05	2.593196e-04

## SPAC824.06	-5.646178e-04	-5.582815e-04	2.524713e-03	-2.580025e-03
## SPAC824.09c	1.635789e-03	5.544426e-04	2.606634e-03	7.977902e-04
## SPNCRNA.177	2.666175e-05	-1.299125e-04	-2.579268e-04	6.077067e-05
## SPAC664.01c	1.932767e-03	4.990655e-04	4.947282e-04	-7.958437e-03
## SPAC664.02c	-9.728695e-05	-9.805318e-04	-6.442711e-04	-2.226003e-03
## SPAC664.05	-1.752307e-02	-1.662743e-02	3.580153e-02	3.207901e-02
## SPNCRNA.756	1.266308e-03	-3.329469e-04	-1.234982e-04	-3.190572e-04
## SPAC664.06	9.464738e-03	-2.813756e-03	-1.168933e-02	-1.676633e-02
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	1.129291e-04	-5.707545e-05	-7.435420e-05	-1.041574e-04
## SPAC664.13	1.063850e-03	-3.707442e-04	7.981164e-04	1.131263e-04
## SPATRNALYS.02	-9.942713e-04	-3.373810e-03	-1.385618e-03	-6.876218e-04
## SPAC664.15	1.908738e-03	-7.114581e-04	4.523182e-03	2.387254e-03
## SPAC105.02c	7.377320e-04	3.778120e-03	6.220363e-04	-7.168233e-03
## SPATRNATYR.01	2.457267e-03	2.988882e-03	-3.318391e-03	-5.181834e-03
## SPAC105.03c	7.411796e-04	1.098323e-03	5.014602e-03	-3.177657e-03
## SPAC17A5.01	3.442267e-03	-1.310003e-03	-1.724372e-03	5.248643e-04
## SPNCRNA.759	2.034012e-04	8.905162e-05	-9.016750e-05	-6.558101e-05
## SPNCRNA.556	3.383533e-04	-1.549598e-04	-1.769006e-04	1.951106e-04
## SPAC17A5.05c	1.367333e-04	5.013259e-04	-2.178730e-03	-8.955011e-04
## SPAC17A5.07c	1.341583e-03	-7.016350e-04	-9.731532e-04	-1.176494e-03
## SPAC17A5.09c	-2.298807e-03	-1.413185e-03	1.893753e-04	-5.275463e-05
## SPATRNAILE.01	-6.236318e-04	-5.526213e-04	-2.126732e-03	-2.092539e-03
## SPNCRNA.760	6.377954e-04	2.349223e-05	-3.321327e-04	2.899968e-04
## SPNCRNA.761	5.396925e-04	2.899919e-04	-8.303808e-04	6.760324e-05
## SPAC17A5.13	-9.434261e-04	3.462878e-03	2.601374e-03	-4.400266e-03
## SPAC17A5.15c	5.263723e-03	-1.637047e-03	3.955702e-03	-6.496821e-03
## SPNCRNA.762	1.763985e-03	2.710350e-04	7.458692e-04	-5.831835e-03
## SPAC1002.01	2.085794e-04	3.387303e-05	-2.960434e-04	-1.016258e-05
## SPAC1002.06c	-3.734276e-04	-2.140413e-05	-5.861078e-05	1.343081e-04
## SPAC1002.07c	-2.691161e-03	1.445544e-03	1.117913e-03	6.935640e-04
## SPAC1002.08c	3.724696e-04	1.391285e-04	2.760671e-04	-2.176567e-03
## SPNCRNA.763	2.109709e-04	6.199730e-05	-3.794460e-04	4.009116e-04
## SPAC1002.10c	1.302470e-03	-9.628734e-04	9.009933e-06	-2.963787e-03
## SPAC1002.11	2.284992e-05	-1.631022e-03	-5.591489e-04	-4.933246e-03
## SPAC1002.13c	-4.619355e-04	-1.809361e-02	-2.103125e-02	8.371422e-03
## SPAC1002.15c	3.660118e-04	-3.115933e-04	1.558716e-04	6.447393e-04
## SPAC1002.14	2.388946e-03	-2.698283e-03	-3.513216e-03	1.981042e-03
## SPAC1002.16c	-1.269365e-04	-5.085496e-04	4.329919e-04	-2.188940e-05
## SPAC1002.17c	-6.168868e-03	-1.763272e-02	1.080690e-02	5.986823e-04
## SPAC1002.18	-5.084475e-03	-1.111896e-02	7.695108e-03	2.618965e-03
## SPAC1399.05c	3.094356e-03	1.020705e-04	-1.269977e-03	-5.474467e-03
## SPNCRNA.764	6.916443e-04	-9.422794e-04	-1.457001e-04	-1.460173e-04
## SPNCRNA.178	2.318863e-04	3.571016e-05	3.649028e-05	-9.091103e-04
## SPAC1399.02	8.819202e-04	-5.584292e-04	2.101816e-04	-5.083077e-03
## SPAC1399.06	-1.060148e-04	1.924119e-04	2.347958e-04	3.097846e-05
## SPAP11E10.01	4.141501e-03	-1.185077e-03	2.470241e-03	-2.368723e-03
## SPAPB1A10.03	1.199500e-03	4.086488e-04	3.357386e-04	-4.048462e-04
## SPAPB1A10.16	-6.444206e-04	5.882065e-04	1.350943e-03	1.947445e-03
## SPAPB1A10.04c	4.052278e-04	-6.788071e-04	-7.007950e-04	-1.045168e-03
## SPNCRNA.765	9.160900e-05	3.060986e-05	5.277497e-04	-5.974408e-04
## SPAPB1A10.05	-3.755507e-04	-6.691945e-04	4.037159e-04	-9.611511e-04
## SPNCRNA.766	7.119176e-04	-1.093304e-03	-1.518476e-04	7.255391e-04
## SPAPB1A10.09	4.212250e-03	2.618361e-04	-2.508396e-03	-1.447407e-03

## SPAPB1A10.13	3.598314e-04	-5.695506e-04	-9.162028e-04	-6.762222e-04
## SPAPB1A10.14	1.928025e-03	6.825364e-04	7.500109e-04	-2.279305e-03
## SPAPB1A10.15	4.437525e-04	-6.934787e-04	6.949029e-04	-3.498118e-04
## SPAC140.01	-1.700870e-03	-2.711766e-03	2.024043e-03	-9.039626e-03
## SPAC140.03	9.995752e-04	-1.483002e-04	-1.149768e-03	-2.068449e-03
## SPNCRNA.182	8.493287e-06	2.174309e-06	-3.240800e-05	-1.205357e-05
## SPNCRNA.772	2.712389e-04	-2.045639e-04	-3.671126e-04	-6.612808e-06
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	9.702042e-06	-6.618029e-04	-1.355473e-04	1.479867e-04
## SPAC110.01	7.463658e-04	-4.766470e-04	4.460572e-04	-4.277355e-03
## SPAC110.03	5.663191e-03	7.881011e-03	-4.163038e-03	-7.044678e-03
## SPNCRNA.774	2.810380e-06	-2.013913e-04	8.076136e-04	-4.274079e-04
## SPAC3H1.01c	1.718189e-03	-5.775971e-04	-2.730713e-04	-1.037283e-02
## SPAC3H1.02c	1.240340e-03	3.922399e-03	3.093567e-03	-1.131822e-03
## SPAC3H1.04c	1.098735e-04	-8.089664e-04	5.912998e-04	-7.404664e-03
## SPAC3H1.05	-1.828489e-03	1.217247e-03	-2.478067e-03	-6.235927e-03
## SPAC3H1.06c	1.169575e-03	1.101350e-03	4.845097e-03	-6.301792e-03
## SPAC3H1.07	1.268832e-02	-7.711209e-04	3.928111e-02	-2.259254e-03
## SPAC3H1.09c	9.440973e-04	1.541222e-03	-3.474461e-04	-1.983191e-03
## SPNCRNA.777	6.019198e-05	3.423139e-04	-1.426155e-04	4.764450e-05
## SPNCRNA.781	-1.556216e-04	8.927765e-04	5.857633e-04	-2.106568e-04
## SPNCRNA.783	2.342692e-04	-3.449749e-04	4.490186e-04	3.941302e-04
## SPNCRNA.784	1.375404e-04	1.697223e-04	-1.696659e-05	-1.223327e-04
## SPAC3H1.12c	1.358489e-03	-5.820176e-04	2.496631e-03	-1.023385e-03
## SPAC3H1.13	7.800103e-04	-1.895486e-03	-1.118014e-05	-3.599409e-05
## SPNCRNA.530	6.544053e-03	2.745347e-03	1.657773e-02	6.426510e-03
## SPAC9G1.14	3.055400e-04	-3.709592e-05	4.564707e-05	3.161936e-04
## SPAC9G1.02	1.357481e-03	-3.435768e-03	-3.273213e-03	-5.380754e-03
## SPAC9G1.03c	-1.016904e-02	2.750262e-03	1.788168e-02	1.315987e-02
## SPAC9G1.04	1.101652e-03	-7.698672e-05	4.370268e-03	-4.227328e-03
## SPAC9G1.08c	3.349865e-03	1.804350e-03	-1.494364e-03	-2.309059e-03
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	3.973060e-04	1.598840e-03	-5.089213e-04	-2.388270e-04
## SPAC9G1.10c	2.592015e-03	-1.955443e-03	-5.249101e-04	-2.903376e-03
## SPAC9G1.13c	2.465555e-03	1.453331e-03	2.034281e-03	-1.367515e-03
## SPNCRNA.785	6.606436e-04	4.573522e-04	5.416763e-04	-1.633138e-03
## SPAC17H9.02	1.233538e-03	2.426881e-03	-2.924185e-03	-6.637442e-03
## SPAC17H9.03c	-2.100819e-03	7.367943e-04	8.005084e-04	-2.070892e-03
## SPAC17H9.04c	8.214805e-03	-4.982658e-03	-1.455084e-03	-4.750989e-03
## SPNCRNA.787	-5.098665e-05	-5.407195e-05	4.438465e-05	6.539033e-05
## SPAC17H9.09c	2.640159e-04	-2.400437e-03	-1.291846e-03	-8.401377e-04
## SPAC17H9.10c	1.369839e-03	-3.825051e-03	4.464113e-04	-1.485450e-02
## SPAC17H9.12c	-1.720154e-03	-1.171228e-03	1.758676e-04	2.940270e-03
## SPAC17H9.13c	4.853780e-04	1.009768e-03	1.495636e-03	-4.169772e-03
## SPAC17H9.14c	1.242928e-04	1.336464e-03	-1.086603e-02	2.453248e-03
## SPNCRNA.184	-2.651898e-04	3.055983e-05	3.450478e-05	-4.921762e-04
## SPAC17H9.16	5.317541e-03	-2.367643e-03	-7.239259e-03	-9.437913e-03
## SPAC17H9.17c	-2.719466e-04	-2.492339e-04	-8.998239e-04	-6.878145e-04
## SPAC17H9.20	2.568559e-03	2.328192e-03	-2.892858e-04	-3.665706e-03
## SPAC607.03c	2.976904e-03	1.249905e-02	1.996203e-02	1.690791e-04
## SPNCRNA.185	1.441287e-05	8.945978e-05	-3.375966e-05	3.288262e-05
## SPAC607.04	1.178751e-03	2.237689e-03	-7.553503e-04	3.359797e-04
## SPAC607.05	-1.094415e-03	-2.340934e-03	6.898523e-03	5.029544e-03
## SPAC607.06c	4.479959e-05	2.830555e-03	1.332316e-03	-5.658709e-03

## SPAC607.09c	-6.701160e-04	-4.980298e-04	-2.316641e-03	1.091010e-03
## SPAC732.01	1.477381e-03	1.528561e-03	3.078899e-03	-6.050595e-03
## SPAC732.02c	-1.090109e-03	2.007209e-03	-1.093754e-03	-3.650887e-03
## SPAC3C7.02c	1.135409e-03	-6.251513e-04	5.254343e-04	-4.673339e-05
## SPNCRNA.791	-2.644923e-04	2.122995e-04	-9.989253e-06	2.419023e-04
## SPAC3C7.08c	1.573283e-03	-1.337932e-02	-4.726810e-03	-1.882800e-02
## SPAC3C7.09	2.549281e-03	-8.264036e-04	-2.343728e-03	2.741922e-04
## SPNCRNA.793	9.477409e-04	3.674130e-04	8.270769e-04	-3.276767e-04
## SPNCRNA.794	-9.990296e-04	9.997448e-04	-3.026105e-04	-2.355646e-05
## SPAC25A8.03c	-2.049104e-03	8.558328e-04	1.608420e-03	1.462572e-03
## SPAC25A8.02	5.038295e-04	1.911397e-04	-3.388843e-04	-2.481132e-03
## SPAC631.02	-4.144354e-03	3.887715e-03	2.680511e-03	-1.729296e-03
## SPAC20H4.02	-1.391237e-03	2.301091e-03	-5.609417e-05	2.577664e-03
## SPAC20H4.03c	2.976117e-03	-5.664140e-03	-2.306228e-03	1.392055e-03
## SPAC20H4.04	-1.093209e-03	-4.394060e-04	-9.321937e-04	-1.999795e-03
## SPAC20H4.08	3.088008e-04	2.175720e-03	-6.344091e-04	-1.669940e-03
## SPAC20H4.09	1.079151e-03	-5.514654e-04	-1.020694e-03	-1.858805e-03
## SPNCRNA.797	-6.552284e-04	7.784426e-04	-7.677588e-04	1.187984e-03
## SPAC20H4.10	1.546761e-03	-2.657906e-03	-1.097720e-03	-2.291121e-03
## SPAC23C11.01	1.705080e-03	-2.308143e-03	-6.238182e-06	-1.300527e-03
## SPAC23C11.03	6.999268e-03	-2.874718e-03	-6.395568e-03	-9.182542e-03
## SPAC23C11.04c	-7.271798e-04	1.019225e-03	-6.789224e-04	1.489968e-03
## SPAC23C11.05	-1.655530e-02	1.207316e-02	2.582693e-02	2.767165e-02
## SPAC23C11.08	-1.310650e-03	-3.202080e-04	8.645387e-04	-1.488629e-03
## SPNCRNA.799	4.154926e-04	2.436330e-04	-5.359065e-04	-1.748923e-04
## SPAC23C11.09	1.860768e-02	8.612012e-04	-6.312202e-03	-1.226128e-02
## SPAC23C11.10	-1.329195e-04	-5.959848e-05	-2.204114e-04	-6.518874e-04
## SPAC23C11.11	1.444797e-04	-1.742273e-03	-4.840615e-03	-2.085638e-03
## SPNCRNA.800	1.267907e-03	4.464369e-04	-1.566744e-03	9.128753e-04
## SPAC23C11.14	4.356326e-03	2.026121e-03	2.885543e-03	-4.216364e-03
## SPAC23C11.15	4.195399e-04	-1.069215e-03	-3.084797e-04	-3.197180e-03
## SPAC23C11.17	4.749703e-03	2.058959e-04	-7.184051e-03	6.346088e-03
## SPAC13F5.01c	1.349834e-03	-3.770521e-04	2.527872e-03	-2.171783e-03
## SPAC13F5.02c	7.140116e-04	-1.423082e-03	-2.113855e-03	-3.549168e-03
## SPNCRNA.801	-3.417185e-04	-1.574404e-04	-8.065536e-05	9.061026e-05
## SPAC13F5.06c	1.802178e-03	4.843500e-03	3.887906e-03	-6.361316e-03
## SPNCRNA.802	-2.912104e-04	-2.957921e-04	-6.238573e-04	-5.318204e-04
## SPAC13F5.07c	1.503483e-04	-1.089410e-04	-1.315954e-04	-1.031288e-03
## SPAC1783.02c	-2.471522e-03	6.647667e-04	-3.720870e-04	9.493993e-04
## SPAC1783.04c	5.546213e-04	-2.496139e-04	-1.569451e-03	-9.718249e-04
## SPNCRNA.803	-5.970172e-04	2.211831e-05	-7.911680e-05	-8.905687e-05
## SPAC1783.06c	2.995340e-04	-6.132532e-04	-6.881533e-07	4.296207e-04
## SPNCRNA.804	-1.724062e-04	4.949486e-04	-5.212901e-05	-8.916332e-05
## SPAC1783.07c	7.406226e-03	-2.678039e-03	-4.274805e-03	-7.902099e-03
## SPAC1783.08c	-3.352261e-03	1.192759e-02	-4.872343e-03	2.283790e-02
## SPAC1327.01c	3.652545e-03	-1.225726e-03	2.181284e-03	-5.550254e-03
## SPAC18G6.01c	-4.290713e-04	9.465287e-04	4.022565e-04	-2.185211e-03
## SPAC18G6.02c	1.880539e-03	-4.431725e-04	-3.406032e-03	-4.588834e-03
## SPATRNAVAL.03	4.640891e-03	-4.289079e-03	-3.442473e-03	-1.094613e-02
## SPAC18G6.04c	4.411388e-03	-1.378792e-03	-4.635894e-03	7.380730e-03
## SPAC18G6.05c	5.647933e-03	8.351077e-05	-1.308861e-02	-3.998709e-03
## SPAC18G6.06	1.680164e-03	-1.637808e-03	-3.779140e-04	-2.464791e-03
## SPAC18G6.07c	-9.477912e-04	4.511998e-04	-6.229035e-03	-1.199475e-03
## SPAC18G6.09c	3.916832e-03	-1.203978e-03	-3.840752e-03	1.695880e-03

## SPAC18G6.10	1.569915e-03	-2.150894e-05	1.602645e-03	-3.044448e-03
## SPAC18G6.11c	2.843280e-03	2.640176e-03	-1.761880e-03	-1.249302e-02
## SPAC18G6.12c	3.528186e-04	7.591144e-04	1.018318e-03	-1.265533e-03
## SPNCRNA.806	-3.617638e-04	-2.800267e-04	1.232914e-04	-1.586757e-04
## SPAC18G6.13	-1.536956e-04	2.812680e-04	1.132727e-03	-1.485773e-03
## SPAC18G6.14c	-2.011222e-02	4.573707e-03	1.894462e-02	1.771725e-02
## SPAC13D6.02c	-9.374836e-03	-2.850094e-03	7.224536e-03	-1.350976e-04
## SPNCRNA.189	-1.368762e-04	6.227179e-05	2.455653e-04	-7.097261e-04
## SPATRNAGLY.02	2.341570e-03	6.849179e-04	-1.244902e-02	7.978322e-03
## SPAC13D6.04c	-2.922591e-04	1.336222e-03	1.744056e-04	1.898654e-04
## SPAC13D6.05	2.472008e-03	-2.078937e-03	-3.293069e-03	-1.851590e-04
## SPAC4G9.02	1.368122e-03	9.451818e-04	-2.727024e-03	9.427119e-04
## SPAC4G9.07	-1.386210e-04	2.530763e-04	-3.919891e-04	1.407269e-05
## SPAC4G9.08c	-1.580672e-03	1.290278e-03	-5.543482e-04	5.760616e-03
## SPAC4G9.13c	-1.719616e-04	2.210713e-04	1.714753e-03	-3.233004e-03
## SPAC4G9.16c	2.464898e-02	1.667679e-02	-4.608581e-02	1.893846e-03
## SPAC4G9.17c	-1.846508e-03	2.008099e-03	-1.227282e-04	-4.942721e-03
## SPAC4G9.22	-3.554713e-03	9.468639e-04	1.101758e-03	7.611469e-03
## SPNCRNA.811	-1.082266e-04	1.404930e-05	2.448505e-04	-6.262085e-05
## SPNCRNA.190	4.830696e-04	-6.773879e-05	-4.637590e-04	2.051230e-04
## SPAC13G7.07	-2.983723e-04	-1.656766e-04	-2.162461e-04	-1.942492e-03
## SPAC13G7.08c	5.403245e-03	-9.198609e-04	-8.129330e-03	-8.850622e-03
## SPAC13G7.09c	-3.649089e-04	-5.481254e-04	2.999553e-04	-1.501180e-03
## SPAC13G7.11	-8.887590e-04	-1.139714e-03	2.876533e-03	-1.692921e-04
## SPAC6C3.02c	-9.638218e-03	9.308369e-03	1.467947e-02	-4.365734e-05
## SPAC6C3.04	8.379883e-04	1.548491e-03	1.429976e-02	-4.700085e-03
## SPNCRNA.814	-3.385415e-04	-5.235822e-05	-4.045260e-04	-2.997408e-04
## SPAC6C3.06c	3.870021e-03	6.977421e-03	-2.103291e-03	-1.516403e-02
## SPAC6C3.07	-1.931112e-05	-3.884407e-04	-1.029725e-04	-4.073218e-04
## SPAC17G8.01c	2.251686e-03	-4.130838e-03	-4.917814e-04	-8.502193e-03
## SPAC17G8.02	4.377367e-03	5.905383e-04	5.184507e-05	-3.108399e-03
## SPAC17G8.05	-1.011701e-04	-5.053711e-04	2.040714e-04	-1.708876e-03
## SPAC17G8.07	-3.121220e-04	-4.617658e-04	-3.571519e-03	-2.364109e-03
## SPAC17G8.09	6.126977e-04	1.088468e-04	-4.939584e-05	1.151139e-03
## SPAC17G8.10c	4.338820e-05	-8.539084e-05	3.599148e-04	-5.930613e-04
## SPNCRNA.817	5.980210e-05	6.016609e-05	5.644441e-06	-1.066719e-04
## SPAC17G8.12	2.766412e-04	-6.506556e-04	-4.796356e-04	-3.148323e-03
## SPNCRNA.192	-1.517730e-04	6.536519e-05	-1.239780e-04	-1.073983e-05
## SPNCRNA.819	-2.749430e-04	1.557762e-04	-6.885288e-05	-5.632585e-04
## SPAC22H10.03c	6.687756e-03	4.732499e-04	-1.808664e-03	-1.127610e-02
## SPNCRNA.821	2.497716e-04	-8.209034e-05	4.124503e-05	-3.931004e-04
## SPAC22H10.13	4.904761e-03	-9.554309e-04	8.267567e-04	-1.639426e-03
## SPAC22H10.09	3.133996e-03	3.162702e-04	2.209212e-03	-5.581385e-03
## SPAC22H10.10	7.306867e-04	-4.792128e-04	-1.709214e-03	-1.723172e-03
## SPAC15F9.02	6.189140e-03	2.759664e-03	-9.082279e-04	-3.109838e-03
## SPAC15F9.03c	4.813495e-03	3.899152e-03	-1.166862e-04	-1.673225e-04
## SPAC1B9.02c	9.072225e-03	6.530713e-04	-4.804903e-04	-1.213159e-02
## SPAC1B9.03c	2.241259e-03	-2.250424e-03	-2.182691e-03	-3.443462e-03
## SPAC6B12.03c	-1.819675e-03	5.814791e-04	-1.472295e-03	1.902746e-03
## SPAC6B12.18	1.435714e-03	2.635161e-04	-3.270282e-03	7.676867e-04
## SPAC6B12.07c	-7.937694e-03	4.720268e-03	1.005459e-02	-5.614438e-03
## SPAC6B12.08	-8.705961e-04	1.226225e-04	7.337362e-04	-5.243928e-04
## SPAC6B12.13	-7.342807e-04	7.040524e-04	2.703536e-04	-2.609126e-03
## SPNCRNA.195	2.509004e-04	-1.422948e-04	-2.542320e-06	1.141709e-04

## SPAC6B12.15	-2.668753e-02	1.760582e-02	5.634573e-02	4.265419e-02
## SPATRNALYS.03	-1.218162e-03	-9.777404e-04	-1.852172e-03	5.349895e-04
## SPAC32A11.02c	1.168259e-01	1.333421e-02	2.877788e-02	1.738615e-02
## SPNCRNA.828	-4.042730e-05	6.737208e-04	-2.126347e-03	2.924745e-03
## SPNCRNA.829	5.549832e-04	7.250045e-05	1.198133e-04	7.371496e-04
## SPAC19A8.13	1.034260e-04	-2.311984e-03	1.575782e-03	-1.120266e-03
## SPAC19A8.12	5.495558e-04	-1.188434e-03	7.407049e-04	-2.886177e-04
## SPAC19A8.11c	5.020585e-04	-1.634930e-03	1.399231e-03	-1.593401e-03
## SPAC19A8.10	2.290252e-03	-1.978335e-03	-1.635740e-05	-1.532962e-04
## SPAC19A8.09	-6.997829e-04	-1.016240e-03	5.120915e-04	6.551693e-05
## SPAC19A8.08	3.407987e-03	1.593556e-03	-1.642443e-03	-8.434004e-03
## SPNCRNA.286	-1.037948e-04	1.940709e-05	3.876094e-05	-4.078055e-06
## SPAC19A8.07c	2.591193e-03	1.702000e-03	-1.668282e-04	-1.142903e-02
## SPAC19A8.05c	1.959398e-03	-1.864060e-03	-6.146473e-04	-8.404201e-04
## SPAC19A8.04	-4.066770e-03	-4.175061e-03	5.891928e-03	9.456120e-03
## SPAC19A8.03	4.554624e-03	9.761215e-04	3.707484e-04	-2.752370e-03
## SPAC19A8.02	1.239436e-02	1.692818e-03	-3.369510e-03	-1.001734e-02
## SPAC19A8.01c	1.293732e-03	1.924313e-04	1.590805e-03	-6.047861e-03
## SPAC23H3.04	1.913584e-04	-9.299959e-04	4.544317e-04	-6.749097e-04
## SPAC23H3.05c	2.152198e-03	-4.960969e-04	2.374904e-03	-6.452612e-04
## SPAC23H3.06	3.164752e-03	-1.042885e-03	-4.931048e-03	-1.321787e-03
## SPAC23H3.08c	4.412414e-04	-9.976766e-05	1.128457e-03	-7.375033e-04
## SPAC23H3.13c	4.386566e-03	-1.607407e-03	-1.616927e-03	-2.198114e-03
## SPNCRNA.197	-8.187361e-05	1.562399e-05	2.060543e-05	-4.356607e-05
## SPNCRNA.831	-5.687143e-05	3.142874e-05	-2.611649e-05	2.865527e-05
## SPAC23H3.15c	-5.059591e-02	7.972608e-02	-5.621821e-02	-3.974017e-02
## SPNCRNA.833	-1.735524e-03	-4.626534e-05	3.854514e-06	7.804480e-05
## SPAC25H1.04	-2.487357e-03	1.371625e-03	3.126495e-05	4.692009e-03
## SPAC25H1.05	-3.071002e-03	1.889519e-04	-1.719702e-03	-1.641339e-03
## SPAC25H1.06	1.487764e-03	6.148459e-04	1.000958e-03	-5.606101e-03
## SPAC25H1.07	2.789284e-03	6.140519e-03	-5.906624e-03	-9.094581e-03
## SPAC25H1.08c	2.598758e-03	-1.421586e-03	-4.210666e-03	-5.619672e-03
## SPAC4A8.04	4.486004e-03	-8.320437e-03	4.055284e-03	-5.762535e-03
## SPAC4A8.05c	2.085355e-03	-1.111072e-03	-1.006217e-02	-1.410484e-02
## SPNCRNA.836	-1.193707e-03	-4.258195e-04	-7.894283e-04	1.601827e-04
## SPNCRNA.837	-5.841524e-04	-2.231565e-04	-2.002270e-03	-8.504231e-04
## SPAC4A8.07c	2.287025e-03	1.620141e-03	-1.088675e-03	-1.553706e-02
## SPAC4A8.08c	2.309809e-03	8.209295e-04	1.939343e-04	-3.709225e-03
## SPNCRNA.838	-2.941907e-04	6.743016e-04	1.982258e-04	-4.245823e-04
## SPSNRNA.06	1.643867e-02	-3.376724e-02	3.627316e-02	4.010854e-02
## SPAC4A8.10	-2.307316e-03	1.797707e-03	-6.742809e-03	1.040316e-03
## SPNCRNA.839	9.501523e-04	-2.230224e-05	-2.218496e-04	1.913433e-04
## SPAC4A8.12c	-8.084682e-04	-1.468488e-04	6.136161e-04	6.710913e-04
## SPAC4A8.14	4.589701e-03	5.681807e-03	-2.400067e-03	-1.525603e-02
## SPATRNAILE.02	3.807887e-03	7.607169e-03	-1.303656e-02	-1.544526e-02
## SPAC823.03	1.006426e-02	2.997923e-03	-3.340329e-04	-3.319423e-03
## SPAC823.07	-6.451490e-04	3.270823e-04	3.209569e-04	2.712668e-03
## SPNCRNA.199	8.525484e-05	2.033589e-04	-5.624687e-05	-1.675724e-04
## SPAC823.11	-3.427146e-03	2.825331e-03	-2.448726e-03	-8.410535e-03
## SPAC823.12	-3.523536e-04	-2.048121e-03	3.119820e-03	-2.535461e-03
## SPAC823.13c	1.293152e-03	-3.831075e-04	-3.580806e-03	-2.565227e-03
## SPAC823.14	1.593529e-03	2.252334e-04	1.149552e-03	7.819244e-03
## SPNCRNA.841	-9.045812e-04	6.881722e-04	9.773635e-05	-3.304729e-04
## SPAC823.16c	-1.888192e-03	2.343658e-04	5.836193e-04	-1.006137e-03

## SPAC7D4.14c	-4.746467e-04	-3.938253e-04	-2.333274e-03	1.370832e-03
## SPAC7D4.11c	-1.502917e-04	-1.580952e-03	-2.550101e-03	-4.928701e-03
## SPAC7D4.09c	4.157097e-04	5.343260e-04	-1.457003e-05	-7.916537e-04
## SPAC7D4.08	-4.702199e-04	7.607238e-06	-1.047907e-03	6.052035e-04
## SPAC7D4.06c	3.236469e-03	1.885499e-03	5.885785e-04	-7.367764e-04
## SPAC7D4.04	4.303472e-03	1.594772e-03	1.653805e-03	-6.535433e-03
## SPAC7D4.03c	5.539452e-03	1.541339e-03	-1.920467e-03	-5.237185e-03
## SPAC4F8.15	4.270062e-03	1.647300e-03	-1.232056e-03	-7.667263e-03
## SPAC4F8.14c	1.949376e-03	1.207303e-03	2.739107e-03	9.025420e-03
## SPAC4F8.12c	-3.547392e-04	3.694579e-05	-2.144063e-04	-1.487915e-04
## SPAC4F8.10c	-3.665674e-03	6.497635e-06	2.516374e-03	-1.297943e-03
## SPAC4F8.07c	-1.895970e-06	6.486657e-05	-1.147638e-04	8.010018e-05
## SPAC4F8.03	-1.855734e-03	5.169869e-04	-2.181802e-04	2.349926e-03
## SPAC4F8.02c	-3.521101e-04	1.345271e-03	-7.013731e-04	-2.689938e-03
## SPAC4F8.01	9.789589e-04	-9.027884e-04	3.976191e-05	1.783540e-03
## SPAC644.04	-1.511394e-03	-1.227335e-03	2.238829e-03	-5.748661e-03
## SPAC644.05c	-1.449146e-03	1.431607e-03	-2.696870e-03	1.520892e-04
## SPAC644.08	6.609314e-04	-8.759613e-04	-1.009571e-03	-1.850571e-03
## SPAC644.11c	3.556020e-03	-2.916889e-03	6.932551e-04	1.133170e-03
## SPAC644.14c	-1.343862e-04	8.923733e-04	-2.049137e-03	8.188625e-04
## SPAC644.15	2.149689e-02	-3.144764e-02	-1.362426e-02	-2.565338e-02
## SPAC644.16	-3.320634e-03	7.964969e-04	-1.100560e-03	-1.908311e-03
## SPAC644.18c	1.790301e-04	1.681688e-05	4.713675e-05	4.914982e-04
## SPAPB2B4.02	-6.167457e-04	-2.405032e-03	-5.278247e-04	-8.468911e-04
## SPAPB2B4.03	1.067426e-02	-3.267137e-03	-2.641445e-03	-8.458957e-03
## SPAPB2B4.04c	1.035879e-02	-4.072555e-03	8.734902e-03	-3.309203e-03
## SPAC6F6.02c	2.081699e-04	-5.557248e-04	-1.243122e-04	-1.296352e-03
## SPAC6F6.03c	1.366491e-02	-8.699822e-03	-1.376653e-02	-1.141172e-02
## SPAC6F6.04c	-4.322300e-04	4.846879e-04	-2.556143e-03	-1.588267e-03
## SPAC6F6.08c	-3.507039e-05	-1.611460e-04	-9.247911e-05	-3.687649e-04
## SPAC6F6.09	-1.389262e-03	-4.888120e-04	2.244542e-04	-3.126660e-04
## SPAC6F6.10c	-3.080776e-04	8.036171e-04	6.574886e-05	-1.135144e-03
## SPAC6F6.11c	1.884901e-03	-3.013235e-03	8.189123e-04	7.343882e-03
## SPAC6F6.13c	-1.501779e-04	4.198701e-04	5.722102e-04	-9.815924e-05
## SPAC6F6.17	-4.166540e-04	-1.926056e-04	6.509890e-04	-1.131642e-03
## SPAC6F6.18c	4.027710e-03	-2.243914e-03	-5.184590e-03	-7.458997e-03
## SPAC6F6.19	8.436705e-04	-2.301747e-03	-7.711538e-03	-6.332245e-03
## SPAC6F6.20c	-1.640292e-06	-1.117750e-05	-2.985832e-04	3.281752e-04
## SPAC1805.03c	1.113676e-04	7.235989e-05	2.153745e-04	-9.420156e-04
## SPAC1805.04	2.470390e-03	1.497117e-03	-6.268063e-03	-1.942148e-03
## SPAC1805.05	1.482100e-02	-3.171062e-03	-5.775342e-03	-8.202247e-03
## SPAC1805.11c	-1.229612e-03	-1.814516e-03	3.744345e-03	-1.939260e-03
## SPAC1805.14	2.081753e-03	-1.019405e-02	1.735561e-02	1.967619e-02
## SPAC1805.15c	7.936610e-04	-3.114796e-03	1.445273e-03	-2.339719e-03
## SPAC1805.16c	3.339169e-04	-1.016282e-03	-6.347102e-05	-8.668126e-04
## SPAC1805.17	1.815291e-03	9.631643e-04	-2.269213e-04	-3.714611e-03
## SPAC1805.208	-6.766230e-06	-1.538868e-05	-2.716103e-05	-2.890494e-05
## SPAC1805.21	-1.496926e-03	-3.757642e-03	2.132443e-03	-4.991389e-03
## SPAC1B2.06	4.525435e-04	5.564132e-05	-5.213634e-04	-1.091866e-03
## SPAC3F10.02c	3.506406e-03	4.763174e-05	-5.049178e-03	-5.655250e-03

## SPAC3F10.05c	1.467990e-03	2.522260e-03	-1.343247e-03	-5.576626e-03
## SPAC3F10.07c	1.979737e-04	-1.237667e-04	-4.096747e-04	-7.261093e-04
## SPAC3F10.19	-6.026436e-05	-4.176376e-04	-6.504809e-04	-1.335459e-03
## SPAC3F10.08c	-3.227219e-04	6.786560e-04	-8.871036e-04	-8.164885e-04
## SPAC3F10.10c	6.876077e-04	-2.895513e-04	-4.471506e-04	4.273732e-04
## SPAC3F10.12c	-3.817125e-04	2.063493e-03	-1.837563e-03	-4.164916e-03
## SPAC8F11.02c	6.537714e-04	-1.079268e-03	3.801822e-04	-1.392094e-03
## SPAC8F11.05c	-9.505351e-05	-3.764191e-05	-2.959007e-04	3.724920e-04
## SPAC8F11.06	2.076285e-03	-1.125035e-03	-8.117619e-04	-1.943047e-03
## SPAC8F11.07c	9.504028e-04	-1.295085e-04	-1.567708e-04	-2.443372e-03
## SPAC8F11.10c	4.281405e-03	1.682731e-03	-4.772423e-03	-1.308109e-02
## SPACUNK4.13c	1.125765e-03	-1.722579e-04	-1.022098e-03	-5.737402e-04
## SPACUNK4.10	1.201057e-03	-3.864932e-03	3.122466e-03	7.013225e-03
## SPNCRNA.858	-1.400430e-04	-2.128652e-04	-3.575456e-04	-2.395176e-04
## SPACUNK4.07c	1.059562e-02	1.063601e-02	6.309971e-04	4.299924e-03
## SPACUNK4.06c	3.819009e-03	5.285404e-03	8.539440e-04	-6.713088e-03
## SPAC513.01c	-9.070111e-03	9.534990e-03	9.183408e-03	1.592716e-02
## SPAC513.02	3.981913e-03	-1.648925e-03	1.809458e-04	2.670953e-03
## SPAC513.03	-1.989637e-03	4.052651e-05	7.688676e-04	-2.533564e-03
## SPAC513.05	5.998004e-03	-2.064367e-03	-1.992304e-03	8.154052e-04
## SPAC2E1P3.01	2.008797e-03	-3.892322e-03	4.611690e-04	-6.654818e-03
## SPNCRNA.859	1.335913e-04	-1.831972e-04	4.969691e-04	-5.778779e-04
## SPAC2E1P3.04	2.365571e-03	3.143082e-03	-4.529018e-03	6.414867e-04
## SPAPB2C8.01	1.887280e-03	-2.020201e-03	-6.537894e-03	7.850200e-03
## SPNCRNA.864	-8.204659e-05	6.057962e-04	3.652866e-05	-9.426490e-04
## SPAPB24D3.05c	2.362739e-04	2.655807e-04	-6.754388e-05	-5.419572e-04
## SPAPB24D3.06c	-2.840425e-03	1.221646e-03	2.342942e-03	-1.583252e-03
## SPNCRNA.865	-1.638919e-04	-6.786869e-04	-2.456052e-04	-6.218233e-04
## SPAPB24D3.08c	2.763766e-03	2.198883e-03	4.162682e-05	-8.806100e-03
## SPNCRNA.866	2.483369e-03	1.430463e-04	-1.341996e-03	-2.196157e-03
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-1.270604e-04	1.437406e-05	4.931770e-05	-3.907228e-04
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	1.210740e-03	1.038993e-04	5.199588e-04	-7.367625e-04
## SPAPB1A11.03	3.073850e-03	3.909662e-04	3.685869e-03	-3.839181e-03
## SPAC31G5.01	5.882932e-04	1.900428e-03	2.241464e-03	5.937751e-04
## SPAC31G5.03	-1.640747e-02	-7.931417e-03	2.302061e-02	2.414224e-02
## SPAC31G5.05c	-2.012170e-03	3.946356e-03	7.852703e-03	-5.342148e-04
## SPAC31G5.07	-8.099989e-06	-1.207972e-04	-8.427143e-04	-3.934252e-04
## SPAC31G5.09c	4.216662e-04	-3.490361e-04	4.735554e-04	3.174105e-04
## SPNCRNA.872	1.396285e-04	-3.801973e-04	7.517279e-06	-1.403849e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-2.372244e-04	4.781819e-04	-2.309516e-04	2.589074e-04
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	3.517638e-05	4.779321e-05	5.085783e-04	-4.074481e-05
## SPAC31G5.12c	-2.675566e-03	-5.247828e-04	-1.667279e-03	2.491713e-03
## SPAC31G5.13	1.179238e-02	-2.881187e-03	-4.302427e-03	-7.933777e-04
## SPNCRNA.875	4.338047e-04	3.702019e-05	-1.049094e-05	4.181800e-04
## SPAC31G5.15	-8.613262e-04	3.565155e-04	2.891964e-03	-2.191093e-03
## SPAC31G5.17c	3.475685e-03	2.873569e-03	6.745823e-03	3.477003e-03
## SPAC1786.01c	5.085783e-03	2.383928e-03	2.577074e-03	-9.116919e-03
## SPAC1786.04	2.553293e-05	5.693116e-05	7.233996e-06	-9.075849e-05
## SPNCRNA.878	-7.914063e-05	-1.897561e-04	-1.529745e-04	1.390884e-04
## SPAC24C9.03	-1.144299e-03	1.009753e-03	8.730438e-04	4.622867e-03

## SPAC24C9.16c	-2.382271e-04	-1.017190e-03	2.587962e-04	-1.760642e-03
## SPATRNASER.02	2.829834e-03	-1.893340e-03	1.187759e-03	2.196485e-03
## SPAC24C9.06c	2.475766e-02	-1.091015e-02	-4.782317e-03	1.352184e-02
## SPNCRNA.879	-1.551661e-04	-1.339804e-04	3.507795e-04	-4.823268e-04
## SPNCRNA.880	6.510280e-05	1.003308e-04	1.595900e-04	-2.745460e-04
## SPNCRNA.212	1.188122e-04	2.681442e-05	-3.982532e-05	9.791169e-05
## SPAC24C9.09	7.633285e-04	-2.525867e-03	1.593635e-04	-4.594577e-03
## SPAC24C9.13c	-3.255457e-04	-3.982574e-04	5.432251e-04	1.931961e-03
## SPAC24C9.14	-1.541530e-03	-1.962848e-03	5.302707e-04	-3.214579e-03
## SPNCRNA.883	-2.863101e-04	2.257256e-04	-2.486861e-04	2.505306e-04
## SPAC24C9.15c	-6.994270e-05	-3.240481e-04	4.216573e-04	-6.479247e-04
## SPAC16A10.01	-2.379447e-03	2.182656e-03	4.785436e-03	-1.900253e-03
## SPAC16A10.03c	-2.999635e-03	2.045053e-03	-1.440319e-03	-2.350974e-05
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	8.896810e-05	9.007012e-05	5.527215e-05	-8.560497e-05
## SPAC16A10.04	-2.938623e-03	-5.703408e-04	-1.887843e-03	-1.580475e-03
## SPAC589.02c	-7.115877e-04	-2.989396e-04	-2.534461e-03	1.915974e-03
## SPNCRNA.886	1.283975e-03	-3.004399e-04	3.139566e-04	-2.145751e-05
## SPAC589.04	1.851868e-04	3.556572e-04	-2.947011e-04	-2.287925e-03
## SPAC589.05c	8.667220e-05	7.665484e-04	-1.716164e-03	-1.822867e-03
## SPAC589.07c	-1.370385e-04	-6.912378e-04	5.736744e-04	-7.483585e-04
## SPNCRNA.560	-1.269331e-04	1.666740e-04	-3.240600e-04	-6.842837e-04
## SPAC589.09	-2.644439e-03	1.487882e-03	-3.531729e-03	-6.126172e-03
## SPAC589.10c	-1.603174e-02	6.893727e-03	1.495256e-03	1.388927e-02
## SPAC589.12	7.374067e-03	3.799574e-03	-1.122060e-02	-1.461516e-02
## SPAC688.03c	-2.292205e-04	-4.228146e-04	5.350033e-04	-7.585019e-04
## SPAC688.04c	2.530578e-03	4.438122e-05	-1.139099e-03	-1.684224e-03
## SPNCRNA.887	-1.011246e-03	-7.070557e-05	-1.406956e-04	-5.388857e-04
## SPAC688.10	-6.199858e-04	-6.878073e-04	-8.950266e-05	-4.379957e-03
## SPAC688.11	-2.353372e-03	4.997685e-04	5.934073e-03	-3.386769e-03
## SPAC688.12c	3.682858e-04	2.145856e-03	1.232446e-03	1.062428e-03
## SPAC3G9.16c	2.452962e-04	2.159190e-05	1.395564e-04	-5.867144e-04
## SPAC3G9.14	1.562058e-03	-5.707422e-03	-8.193794e-04	-5.188962e-03
## SPAC3G9.12	3.186471e-03	-1.268329e-03	7.338956e-04	-7.755233e-03
## SPATRNAALA.03	-8.202960e-04	-3.233783e-04	-1.171689e-03	-4.082263e-03
## SPAC3G9.10c	4.314551e-04	-2.464490e-03	-7.042962e-04	-3.471973e-03
## SPRRNA.14	2.037112e-02	-1.046818e-02	-1.941056e-02	3.455253e-02
## SPAC3G9.08	1.040876e-04	-4.553184e-04	9.209259e-04	-2.247068e-04
## SPAC3G9.05	-1.643617e-04	-2.407733e-03	-1.026127e-03	-5.179187e-03
## SPAC3G9.04	1.700141e-03	-9.405685e-04	-4.768095e-04	-2.389363e-03
## SPNCRNA.893	6.794468e-02	4.277496e-03	1.860327e-02	3.191624e-02
## SPNCRNA.87	-6.036981e-05	2.073154e-04	-5.915105e-05	9.367466e-05
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	3.781242e-04	-1.237109e-03	5.556425e-04	7.537956e-05
## SPAC1486.02c	2.908111e-03	-1.041539e-03	-5.873440e-04	-2.064810e-04
## SPAC1486.03c	-8.394523e-04	-1.476639e-03	2.032651e-04	-1.232095e-03
## SPNCRNA.14	2.264258e-05	-1.027367e-04	-3.389107e-04	7.943011e-05
## SPAC1486.04c	1.318454e-03	-4.286262e-03	-9.489316e-03	-1.029989e-02
## SPAC1486.06	3.706218e-03	1.275109e-03	1.647987e-03	-3.157520e-03
## SPNCRNA.895	2.511643e-04	5.043636e-05	7.097341e-05	3.086037e-05
## SPAC1486.09	3.015464e-03	-3.039419e-03	-3.874907e-03	-4.316026e-03
## SPAC6G10.06	1.168368e-04	-2.380394e-05	2.536262e-05	5.748916e-06
## SPAC6G10.11c	-3.240680e-03	2.477207e-02	-4.864352e-02	6.638464e-02
## SPAC6G10.12c	-1.737567e-03	6.287457e-04	-1.624789e-03	-4.154035e-03

## SPNCRNA.897	1.444048e-04	3.161634e-04	-2.887148e-04	-3.517521e-04
## SPAC6G9.01c	9.046512e-04	-2.644648e-04	4.905944e-04	-2.828234e-03
## SPAC6G9.04	1.710178e-03	1.155042e-04	-1.263733e-03	-9.756018e-04
## SPAC6G9.05	8.083016e-04	9.364459e-04	-4.089791e-04	-2.619044e-03
## SPAC6G9.06c	5.995646e-03	-1.441942e-03	-1.864505e-03	-1.975167e-03
## SPNCRNA.898	-9.549561e-05	4.837907e-04	-1.170897e-04	-3.339968e-04
## SPAC6G9.07c	-3.124088e-03	3.431979e-03	-6.365514e-04	-5.016995e-03
## SPAC6G9.08	3.497998e-04	-1.057576e-03	-8.240945e-03	-4.812209e-03
## SPAC6G9.10c	3.207093e-03	3.751306e-03	-1.342919e-02	3.029664e-03
## SPAC6G9.11	-4.182547e-03	7.458147e-06	-7.684825e-03	8.117589e-04
## SPAC6G9.13c	-1.420201e-05	3.594196e-04	2.055311e-05	2.098736e-04
## SPAC6G9.14	-1.045502e-03	-4.843972e-04	-5.983634e-04	2.106022e-03
## SPAC6G9.16c	5.753500e-04	1.810017e-04	-5.921176e-04	-9.623742e-04
## SPAPB1E7.02c	-7.200060e-04	1.516292e-03	1.373734e-03	-1.588137e-03
## SPAPB1E7.05	2.454556e-03	-3.264155e-04	-2.569842e-03	-1.379189e-02
## SPAPB1E7.08c	-2.655931e-03	9.322022e-04	-3.517730e-03	-3.838363e-03
## SPAPB1E7.09	2.512052e-03	-3.391344e-04	-2.246927e-03	-3.305047e-04
## SPAPB1E7.11c	4.265158e-05	-2.100049e-04	1.235308e-03	-3.943737e-03
## SPAPB1E7.12	1.679574e-02	6.560356e-03	-9.401332e-04	-1.593003e-02
## SPAPB1E7.14	2.333593e-03	-5.407413e-05	-3.144701e-03	3.744366e-04
## SPAC2E1P5.02c	-1.999866e-04	8.733523e-04	-6.117533e-04	-1.427036e-03
## SPAC2E1P5.04c	-8.456938e-04	-6.844345e-04	1.347235e-03	-5.500233e-04
## SPAC26A3.01	2.808811e-02	-2.573182e-03	-1.145144e-02	-3.594443e-02
## SPAC26A3.03c	-1.849927e-03	5.039931e-04	-2.930183e-04	-6.250522e-04
## SPAC26A3.04	2.848859e-02	-9.029069e-03	1.138748e-02	-3.895054e-02
## SPAC26A3.06	1.982486e-04	-3.002010e-04	2.211493e-03	-4.001805e-03
## SPAC26A3.07c	-1.063305e-02	1.066199e-02	9.258634e-03	1.693777e-02
## SPAC26A3.12c	1.498925e-03	-5.279336e-03	-6.283463e-03	-6.669076e-03
## SPAC26A3.11	3.488638e-03	1.963983e-04	-2.847274e-03	1.250624e-03
## SPAC26A3.14c	-1.909525e-03	-6.478222e-04	3.891124e-04	7.720475e-05
## SPAC26A3.16	7.535912e-03	-6.913246e-04	-1.857210e-03	-6.667407e-03
## SPAC26A3.17c	4.878064e-04	7.922611e-04	-2.673176e-03	4.526300e-04
## SPNCRNA.902	7.431409e-04	-3.156430e-04	-2.445977e-04	-1.485241e-04
## SPAC8E11.10	1.510789e-04	4.062625e-03	-8.367162e-04	-5.777219e-03
## SPAC8E11.07c	-3.062747e-04	-5.350159e-04	-6.287447e-04	-1.850240e-03
## SPAC8E11.05c	2.289426e-05	2.940004e-03	-8.950497e-04	-1.116710e-02
## SPNCRNA.905	-6.715329e-05	-4.858066e-04	-2.459799e-04	-6.768067e-04
## SPAC8E11.01c	-1.939202e-04	1.318442e-03	5.062746e-04	-9.486854e-04
## SPAC959.04c	1.809143e-03	1.379985e-03	1.393565e-03	3.079275e-04
## SPAC959.10	8.431413e-04	3.428379e-04	1.654836e-04	-3.997638e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	8.257267e-05	-3.191786e-04	-1.777043e-04	-1.516074e-03
## SPAC959.08	-9.864132e-03	3.012428e-02	1.605803e-02	-3.388541e-02
## SPNCRNA.907	2.926584e-04	-1.177676e-03	-1.235150e-03	2.889217e-04
## SPAC3H5.12c	1.882062e-02	1.760716e-02	-1.286826e-02	-6.149459e-02
## SPAC3H5.11	3.491640e-03	-1.231064e-03	6.245022e-04	8.774726e-04
## SPAC3H5.13	7.243991e-04	6.621662e-04	-5.058223e-04	-2.135467e-04
## SPAC3H5.09c	1.273102e-02	-4.607887e-03	-2.211812e-03	-1.902323e-02
## SPAC3H5.07	8.173579e-03	2.313921e-02	-1.055205e-02	-1.386145e-02
## SPAC3H5.04	-9.775254e-04	1.745339e-04	7.404021e-04	3.759369e-04
## SPAC3H5.05c	1.032722e-02	-4.606913e-04	4.551223e-03	-2.000843e-02
## SPAC3A11.14c	1.252046e-03	-4.421889e-06	-2.166449e-04	-4.657953e-03
## SPNCRNA.561	-1.591597e-04	-1.503621e-04	-4.433647e-04	3.224173e-04
## SPATRNAARG.01	4.082199e-03	-9.286239e-03	-2.371685e-03	1.216616e-03

## SPNCRNA.908	6.471980e-04	1.897378e-04	9.580371e-05	1.370493e-05
## SPAC3A11.11c	4.494915e-04	6.031634e-04	-1.537196e-03	-3.043135e-03
## SPAC3A11.08	5.785545e-03	-2.475178e-03	-2.950157e-03	-2.469598e-03
## SPAC3A11.07	4.066301e-03	-3.032338e-03	-1.314727e-04	3.086845e-03
## SPAC3A11.06	1.759948e-03	9.721024e-04	8.427354e-04	-3.775397e-03
## SPAC328.01c	5.652843e-03	2.024442e-03	-2.830005e-03	-1.052991e-02
## SPAC328.02	6.147331e-04	-5.905720e-04	-1.451653e-03	-2.550358e-03
## SPNCRNA.911	-5.196924e-04	-2.258418e-04	-6.827371e-04	-2.062462e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	2.421277e-02	-3.766654e-03	-6.010898e-03	-3.610040e-03
## SPAC328.07c	5.085191e-04	1.211033e-03	6.199804e-03	-3.394925e-03
## SPAC328.09	-6.403879e-04	5.253099e-04	1.018897e-03	4.230316e-03
## SPNCRNA.912	-6.013582e-06	2.353463e-05	-2.651296e-06	-1.490976e-05
## SPNCRNA.913	3.109185e-05	-5.400563e-05	2.377551e-04	-1.564386e-04
## SPAC16E8.01	3.922633e-03	-2.194271e-03	-3.667336e-03	-3.184401e-03
## SPAC16E8.04c	-1.093073e-03	2.498795e-03	-2.384833e-04	-4.454413e-03
## SPNCRNA.914	8.506293e-04	-3.692937e-04	-9.512657e-05	-1.171030e-03
## SPNCRNA.562	-1.087001e-04	1.099603e-04	2.143332e-06	6.001726e-05
## SPAC16E8.08	-2.509828e-04	-5.755919e-04	-1.280188e-03	1.647187e-04
## SPAC16E8.10c	7.172192e-04	-5.504770e-04	-4.958842e-04	-1.948224e-03
## SPAC16E8.11c	1.855958e-05	-1.388319e-03	3.687188e-04	-4.025240e-03
## SPAC16E8.18	-5.842945e-04	3.689708e-04	2.117491e-03	-1.152593e-03
## SPAC16E8.12c	2.596370e-03	-1.417054e-03	-4.260169e-04	-1.602562e-03
## SPAC16E8.14c	-1.112094e-03	1.576291e-03	1.269079e-03	-1.323430e-03
## SPAC16E8.16	3.418706e-04	2.730185e-03	-2.155465e-03	-1.291778e-03
## SPAC16E8.17c	6.531883e-03	-1.955397e-03	9.946511e-04	-1.420624e-03
## SPAC1B1.02c	-2.561567e-04	5.743596e-04	-1.528289e-03	-3.510789e-03
## SPAC1B1.03c	7.591380e-05	6.665275e-04	-1.488199e-02	-1.382370e-02
## SPAC1B1.04c	-2.468165e-04	-8.760869e-04	1.868506e-05	-3.314551e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-5.624136e-04	1.321637e-04	-7.747514e-05	-4.575478e-05
## SPAC17A2.03c	-6.362315e-04	4.440250e-03	3.291378e-03	-2.074294e-03
## SPNCRNA.917	6.010007e-06	1.861275e-05	-6.587463e-06	1.153358e-05
## SPNCRNA.918	-1.283063e-04	1.076717e-05	-2.963079e-05	-1.088745e-04
## SPAC17A2.12	1.226906e-03	3.368886e-04	-4.063640e-04	-3.912740e-03
## SPAC17A2.13c	-8.097760e-04	3.074532e-04	3.818970e-04	2.172043e-03
## SPNCRNA.919	3.372255e-04	-1.520827e-04	-1.778112e-05	-1.295905e-04
## SPAC17A2.14	5.148053e-03	-3.627017e-03	-1.030878e-03	-5.752944e-03
## SPNCRNA.600	2.251989e-04	-1.090411e-04	2.797277e-04	-2.572012e-05
## SPAC17G6.07c	1.437643e-03	-2.309751e-03	-2.293909e-04	-2.125081e-03
## SPAC17G6.09	2.631686e-03	-7.201696e-04	1.078562e-03	-1.276901e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	1.961164e-03	-2.908353e-04	-1.353730e-03	1.127132e-03
## SPNCRNA.922	1.534666e-04	2.840643e-04	2.113912e-05	-3.324157e-05
## SPAC1142.03c	-1.807499e-03	-5.581095e-05	1.511575e-03	-1.228272e-03
## SPRRNA.16	-6.863757e-04	-1.458041e-04	1.330677e-04	2.314109e-03
## SPNCRNA.924	-4.041226e-05	-1.116738e-05	1.414928e-05	-2.812915e-05
## SPAC8C9.03	1.413619e-02	1.339644e-04	4.878300e-03	-5.235959e-04
## SPAC8C9.05	6.007846e-04	1.158673e-04	-6.626530e-04	4.844264e-05
## SPAC8C9.06c	1.250847e-03	1.296405e-03	-1.285819e-04	-2.434495e-03
## SPAC8C9.10c	2.627229e-03	-1.011296e-03	-5.496763e-03	-1.354403e-03
## SPAC8C9.16c	2.238673e-03	-1.249681e-04	2.615273e-04	1.740869e-04
## SPAC15A10.01	1.473213e-03	-2.574735e-03	-4.634599e-04	5.514703e-04
## SPAC8C9.17c	2.134348e-03	-9.139776e-04	-2.766061e-03	-3.687541e-03

## SPAC15A10.02	-1.652558e-03	-2.544770e-03	3.012832e-03	5.013766e-04
## SPAC15A10.03c	9.930967e-04	2.366691e-06	-2.181933e-03	-2.266492e-03
## SPAC15A10.04c	9.846686e-03	-4.796610e-03	2.202079e-03	-1.101552e-02
## SPAC15A10.05c	8.067362e-04	-9.547406e-04	-1.251718e-03	-1.011851e-03
## SPAC15A10.07	5.428390e-04	4.751852e-04	1.904821e-03	8.156385e-04
## SPAC15A10.10	1.987995e-03	-2.512602e-03	-1.165429e-03	-9.256995e-04
## SPATRNAPHE.01	-9.814941e-03	4.286859e-03	1.605380e-03	-1.485588e-03
## SPATRNAVAL.04	6.865334e-03	-5.903532e-03	5.590826e-03	-7.402536e-03
## SPNCRNA.929	-3.238301e-04	4.042363e-05	-1.348750e-04	-2.020914e-05
## SPAC15A10.15	1.498314e-03	8.078736e-04	5.671788e-05	-6.188112e-03
## SPAC15A10.16	5.218035e-03	-3.928232e-03	1.118110e-03	-8.926180e-03
## SPAC15E1.02c	1.371891e-03	-4.366640e-03	3.945861e-03	5.165058e-03
## SPAC15E1.04	1.594067e-03	-2.315823e-03	-1.173668e-03	1.316741e-03
## SPAC15E1.06	2.052894e-03	-5.016445e-04	-1.240186e-03	-2.225350e-03
## SPAC15E1.07c	-4.737346e-05	-8.664447e-05	-3.005067e-05	4.982239e-05
## SPAC15E1.08	-2.523414e-03	5.073343e-03	2.096329e-03	-5.025934e-03
## SPNCRNA.931	6.230357e-06	-1.778487e-04	-3.130558e-04	-7.285987e-05
## SPNCRNA.524	-2.146491e-06	-9.302797e-08	-1.618554e-05	4.266491e-05
## SPAP7G5.03	1.138507e-03	-1.480750e-04	-7.634547e-04	-3.858075e-03
## SPAP7G5.04c	-1.345072e-02	4.209269e-03	-1.957278e-02	1.949958e-02
## SPNCRNA.933	1.439512e-04	1.662832e-04	-2.207415e-05	1.782839e-04
## SPAP7G5.06	2.572996e-03	-4.356906e-03	4.533849e-03	-1.429286e-02
## SPATRNAPHE.02	-3.416880e-02	-7.691556e-02	8.470320e-02	-7.400051e-02
## SPATRNAALA.04	-3.525496e-04	1.320579e-04	5.449433e-04	-8.809165e-05
## SPATRNAAGLU.03	-1.345519e-03	6.645208e-04	-4.188511e-03	1.504769e-03
## SPATRNAILE.04	-2.275999e-05	2.218643e-04	-8.726676e-05	2.632621e-05
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-2.590446e-05	-1.035099e-05	-5.616026e-05	3.320290e-05
## SPAP4C9.02	-2.598302e-05	-2.165530e-04	2.115802e-04	-8.546177e-04
## SPNCRNA.936	2.086445e-04	9.426509e-05	-2.075308e-04	-1.687204e-04
## SPAC1556.02c	5.631323e-04	6.572840e-04	-2.862287e-03	8.591671e-03
## SPAC1556.06	3.111379e-04	5.437160e-04	-1.372630e-04	-1.382007e-03
## SPAC1556.07	-6.910912e-04	1.558367e-02	-6.438237e-03	8.452315e-03
## SPAC1556.08c	9.242794e-04	-5.901482e-04	2.295557e-03	-5.284271e-03
## SPAC1F12.06c	1.200114e-04	9.945261e-04	-2.063724e-04	-5.062712e-04
## SPAC1F12.08	-2.514924e-04	-3.246588e-06	-3.846695e-04	-2.540703e-03
## SPAC1F12.09	4.584819e-04	1.861885e-03	7.243259e-05	-5.402075e-03
## SPAC1F12.10c	-3.365671e-03	5.828990e-03	-3.343842e-03	9.971240e-03
## SPAC4H3.17	-2.101825e-04	3.708963e-06	1.002578e-04	-9.490955e-05
## SPAC4H3.02c	1.833974e-03	3.348272e-04	-1.271528e-03	-2.910889e-03
## SPNCRNA.938	1.513471e-04	5.814272e-06	2.329053e-05	1.927559e-04
## SPRRNA.17	1.811663e-03	7.437424e-04	-1.823529e-03	9.657742e-03
## SPAC4H3.04c	2.078273e-04	-1.253826e-04	2.688305e-04	-1.216669e-03
## SPAC4H3.05	1.222347e-03	-2.647173e-03	-1.008936e-03	-1.743749e-03
## SPAC4H3.16	2.268998e-03	-1.025604e-04	1.444093e-03	-8.067708e-04
## SPNCRNA.939	-9.167409e-05	3.647228e-05	1.537802e-06	1.713793e-04
## SPAC4H3.07c	9.648026e-04	2.418356e-03	-1.167530e-03	-3.945925e-04
## SPNCRNA.940	1.398287e-04	2.600729e-05	-9.601983e-05	-6.585825e-05
## SPAC4H3.08	1.288680e-03	7.862350e-04	-6.061080e-03	-4.806761e-03
## SPAC4H3.10c	6.507884e-03	2.284458e-02	1.165045e-01	1.132531e-01
## SPAC4H3.11c	3.767907e-03	5.488122e-05	-3.129635e-03	-6.899337e-03
## SPAC4H3.13	5.758842e-05	-5.079636e-04	1.286146e-03	-3.473626e-03
## SPAC4H3.14c	-2.212201e-04	3.648774e-04	8.500248e-04	-4.341574e-03

## SPAC1071.04c	-6.886635e-04	3.431148e-04	1.271284e-04	-9.315639e-04
## SPAC1071.07c	2.250423e-02	2.005929e-02	5.856747e-03	3.242280e-02
## SPAC1071.09c	2.396854e-03	6.944387e-04	-6.038370e-04	1.509628e-03
## SPNCRNA.92	7.458453e-06	1.391982e-06	-8.478928e-06	1.580235e-05
## SPNCRNA.944	1.167484e-04	-3.008980e-04	5.094383e-04	-2.590504e-04
## SPAC1071.11	1.385816e-03	-7.288091e-05	-4.794752e-04	1.426558e-04
## SPNCRNA.947	-7.990531e-05	2.142964e-04	-5.475605e-04	-1.506992e-04
## SPAC926.06c	2.784457e-03	-1.425440e-03	-1.823460e-03	-4.802851e-03
## SPAC926.07c	4.854713e-04	-4.844251e-04	-1.317040e-03	5.879238e-04
## SPAC926.08c	3.468206e-03	-3.311819e-03	-1.142569e-03	-6.024020e-03
## SPAC323.02c	2.430763e-04	4.671040e-03	1.289847e-03	-2.082887e-03
## SPAC323.03c	-2.048950e-04	-2.979561e-04	5.724305e-04	-2.128452e-03
## SPAC323.04	3.866567e-03	4.383273e-03	-9.951594e-04	-1.282284e-03
## SPAC323.05c	3.726578e-03	-4.583732e-05	1.162763e-03	6.671260e-05
## SPAC323.08	4.769937e-04	-5.644911e-04	2.828284e-04	-2.000814e-03
## SPAC2F3.01	3.786588e-03	5.894633e-04	-2.716457e-03	-1.414400e-03
## SPAC2F3.17c	1.710027e-03	2.200652e-03	1.142631e-03	1.476973e-04
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-4.199814e-03	1.649152e-03	2.563969e-03	7.035928e-03
## SPAC2F3.10	3.853318e-03	-2.065094e-03	-5.559275e-04	-1.544867e-03
## SPAC2F3.13c	4.263092e-04	-1.620556e-03	-1.359690e-03	-1.319286e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	2.313121e-03	-5.680637e-04	-6.108267e-05	-1.037931e-03
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	-1.368607e-03	-5.591951e-04	-1.413266e-03	-1.588307e-03
## SPAC2F3.16	1.863890e-03	-1.826186e-04	1.402296e-04	-3.733011e-03
## SPAC11G7.05c	-2.552419e-05	-9.309577e-04	-5.216509e-04	-1.069360e-03
## SPAC11G7.06c	-1.577593e-03	-1.528233e-07	1.431449e-03	-1.362379e-03
## SPNCRNA.952	-3.304843e-04	5.182889e-04	3.378729e-04	1.484873e-04
## SPAPB18E9.02c	3.970571e-03	-1.669200e-04	-2.015354e-03	-5.774018e-03
## SPNCRNA.953	-5.491316e-04	2.210203e-04	8.630960e-04	-1.106048e-04
## SPAPB18E9.04c	-1.673464e-03	8.869572e-04	1.011575e-03	-8.050813e-04
## SPNCRNA.954	-6.056905e-05	-3.033436e-04	5.113527e-04	-1.638965e-03
## SPAPB15E9.06	-6.797757e-04	2.425108e-04	2.155083e-04	-4.885908e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	2.399723e-03	-7.019125e-04	4.076770e-04	-2.159250e-03
## SPNCRNA.955	1.884796e-04	2.394962e-04	2.400020e-04	-2.837647e-05
## SPAC27E2.03c	1.084089e-02	-2.040450e-03	-1.366074e-02	-1.185022e-02
## SPAC27E2.11c	4.265577e-05	-4.881338e-05	-5.322964e-05	-2.352956e-05
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	-1.118628e-05	-1.318249e-04	1.972578e-04	-2.400815e-04
## SPAC27E2.12	3.759436e-05	1.765897e-06	-2.955747e-05	-1.854588e-04
## SPAC27E2.06c	5.818891e-04	1.115781e-03	8.987812e-04	1.404789e-04
## SPAC27E2.07	-2.970575e-04	-1.931608e-04	1.564415e-04	-1.757298e-03
## SPAC27E2.08	-3.929222e-05	2.071364e-05	1.095826e-05	-6.869698e-05
## SPAPJ698.02c	-1.641383e-02	-8.244329e-03	1.259605e-02	3.801636e-02
## SPAC19G12.01c	3.809372e-03	-5.048285e-04	6.369521e-05	-4.617642e-04
## SPAC19G12.03	1.895911e-03	2.395716e-03	4.645750e-04	-2.543081e-03
## SPNCRNA.956	-7.898121e-05	8.723794e-05	-1.891121e-04	-5.568192e-05
## SPAC19G12.05	-1.691715e-03	-7.540198e-04	4.382031e-04	-2.349675e-03
## SPAC19G12.10c	4.042442e-02	7.981585e-03	2.481203e-02	-3.497163e-02
## SPAC19G12.17	-6.177751e-06	-1.941759e-04	1.039148e-03	-7.171721e-04
## SPAC19G12.11	2.370282e-03	9.008500e-04	2.141023e-03	-1.849837e-03

## SPAC19G12.12	1.507735e-03	-3.632932e-05	8.644652e-04	-2.105843e-03
## SPAC19G12.15c	1.126288e-02	-1.270345e-02	7.537117e-03	1.078705e-03
## SPAC19G12.16c	-2.964062e-03	1.101809e-02	-1.000903e-02	-3.462958e-03
## SPAC23A1.02c	2.015640e-03	-2.230052e-03	-9.291948e-04	2.137039e-03
## SPAC23A1.03	-6.748327e-04	9.236793e-03	-5.361878e-03	-8.058947e-04
## SPAC23A1.04c	2.431058e-04	-8.923011e-04	3.551818e-04	-2.562321e-03
## SPAC23A1.05	-1.808101e-03	1.801244e-03	-1.439595e-03	-2.924039e-03
## SPAC23A1.06c	1.141226e-03	2.615031e-03	-3.037108e-03	1.172679e-03
## SPAC23A1.09	3.396515e-03	-1.528843e-03	-2.572143e-03	-5.156201e-03
## SPNCRNA.957	-2.682982e-04	-5.508027e-05	-1.169928e-04	-1.351729e-05
## SPAC23A1.11	-9.389056e-03	-8.758579e-03	1.785734e-03	1.404837e-02
## SPAC23A1.12c	-8.052052e-04	4.557346e-03	-2.519284e-03	8.069094e-03
## SPNCRNA.958	-4.764683e-04	7.350016e-05	-6.817508e-04	4.154391e-05
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	7.867590e-04	9.007005e-04	4.086863e-04	-1.121409e-05
## SPAC23A1.17	-2.767208e-04	1.259259e-03	-1.871338e-03	-3.975164e-03
## SPAC23A1.18c	4.572153e-04	-6.710242e-04	8.832688e-04	-1.124770e-03
## SPAC23A1.19c	4.103722e-04	-2.896896e-03	-6.993950e-04	-8.692314e-03
## SPAC26H5.02c	2.003723e-03	-1.230640e-03	-1.168288e-03	-5.234000e-03
## SPAC26H5.03	1.829111e-03	-2.289691e-03	-2.259472e-04	-4.343535e-04
## SPNCRNA.959	-3.419574e-05	-4.130396e-04	-3.918155e-04	-1.189501e-04
## SPNCRNA.960	1.465002e-04	-4.225215e-05	9.524352e-05	-1.133019e-04
## SPAC26H5.05	3.695346e-03	-4.971148e-03	-1.574898e-03	6.646856e-03
## SPAC26H5.06	2.481155e-03	4.981770e-04	-1.150570e-03	-4.940148e-04
## SPNCRNA.963	2.673429e-04	-6.690444e-06	-1.213421e-04	5.847542e-04
## SPAC26H5.11	2.730193e-03	1.345533e-03	-1.022863e-03	-1.081832e-03
## SPAC26H5.12	4.852878e-03	-6.485988e-03	-2.110752e-03	-1.364786e-02
## SPAC26H5.13c	2.825630e-03	1.507628e-03	-3.959027e-03	2.458347e-04
## SPAC25B8.01	-1.672372e-03	4.381236e-04	8.684582e-04	1.555325e-03
## SPAC25B8.06c	-5.262762e-04	-8.729702e-04	-2.756368e-03	-3.329300e-03
## SPAC25B8.08	7.775826e-04	1.679727e-04	-1.605098e-03	-2.856200e-04
## SPNCRNA.966	1.363623e-04	-3.005274e-06	-2.955849e-05	-6.985049e-04
## SPAC25B8.09	-9.709364e-04	2.029716e-04	5.343262e-04	2.826011e-04
## SPAC25B8.12c	2.141232e-02	-1.463043e-02	4.673627e-02	-2.317296e-02
## SPAC25B8.17	6.771889e-03	-1.935286e-03	2.643482e-03	-2.870643e-03
## SPAC25B8.18	-2.134375e-04	1.209389e-04	5.217668e-04	-4.416469e-04
## SPAC25B8.19c	2.958651e-03	-3.069668e-03	1.465875e-03	-2.456764e-03
## SPAC683.03	-1.330936e-05	-9.065289e-06	-1.077001e-04	4.546636e-06
## SPNCRNA.969	-6.681475e-04	-8.370858e-04	-1.126706e-03	-2.718647e-04
## SPAC683.02c	3.057142e-03	-3.321085e-03	-4.203294e-04	-3.708884e-03
## SPAC694.02	3.137203e-02	1.596305e-03	-4.809451e-02	-3.199420e-02
## SPAC694.05c	6.816940e-03	-1.322046e-02	1.867856e-02	2.884108e-02
## SPAC694.06c	8.663925e-04	1.538686e-03	-5.930213e-03	-5.117701e-03
## SPAC1F7.01c	1.658622e-02	-3.852090e-03	-6.127949e-03	-1.398335e-02
## SPAC1F7.14c	9.046620e-04	-2.788346e-04	6.583093e-04	2.485788e-03
## SPAC1F7.04	-1.310775e-03	2.283626e-03	-6.131096e-03	1.228321e-02
## SPAC1F7.05	-8.623821e-03	1.951283e-02	-3.198330e-02	-8.251187e-03
## SPNCRNA.973	5.247386e-04	-7.292047e-05	2.287229e-04	2.313725e-05
## SPNCRNA.243	6.827947e-05	-1.098731e-04	-5.516935e-05	1.220426e-06
## SPAC1F7.08	3.658018e-03	2.651723e-03	9.854930e-03	2.852181e-02
## SPAC1F7.09c	6.716859e-05	-3.573272e-04	1.210826e-03	-7.212105e-04
## SPAC1F7.13c	-3.503355e-02	-2.901298e-02	6.677212e-02	3.390405e-02
## SPAC21E11.04	6.060320e-06	-8.685528e-04	3.960846e-04	-1.155898e-03
## SPAC21E11.06	6.010397e-03	-6.027554e-03	-8.877464e-03	-6.537255e-03

## SPNCRNA.13	-4.394745e-05	7.136391e-05	5.168715e-05	-2.698348e-05
## SPAC21E11.07	2.233000e-03	-4.907053e-04	-8.987208e-04	1.468262e-03
## SPAC2C4.03c	-1.746632e-03	-1.043327e-03	-1.039209e-03	-2.642231e-04
## SPAC2C4.04c	-2.008879e-04	-2.379587e-03	-6.485901e-04	-1.818426e-03
## SPNCRNA.98	3.901194e-02	1.290297e-02	3.861007e-02	-2.610244e-02
## SPAC2C4.07c	7.470475e-04	1.628190e-03	2.380720e-04	4.016643e-04
## SPAC2C4.09	-2.139573e-05	3.579493e-04	-1.278138e-03	1.824857e-03
## SPAC2C4.10c	1.386108e-03	-1.032016e-04	2.138773e-04	-6.434403e-04
## SPAC2C4.13	2.001927e-04	-1.207691e-03	3.683495e-05	-1.690551e-03
## SPAC2C4.17c	-2.138750e-03	3.910745e-03	1.510890e-04	4.997068e-03
## SPAC25G10.02	-2.940950e-04	-3.457326e-04	2.534827e-04	-2.507003e-04
## SPAC25G10.03	6.157458e-03	9.409280e-04	7.010173e-04	-1.422672e-02
## SPAC25G10.04c	3.852033e-06	1.037319e-03	-1.345709e-03	-6.457687e-04
## SPAC25G10.08	2.350146e-02	-8.268439e-03	-3.551994e-02	-1.736668e-02
## SPAC27F1.05c	6.367146e-04	-1.167894e-03	5.156312e-04	-7.224463e-04
## SPNCRNA.977	-3.281042e-04	7.338114e-07	6.725760e-04	7.521104e-04
## SPAC27F1.10	-1.861567e-04	-6.833258e-05	-4.938118e-07	-3.419576e-05
## SPNCRNA.978	3.836354e-04	2.179500e-04	-7.153012e-05	2.515700e-04
## SPAC27F1.06c	2.589135e-03	-3.679715e-03	-5.206144e-03	-7.234025e-03
## SPAC23D3.04c	-7.575644e-03	1.967380e-04	4.943974e-03	3.598752e-03
## SPAC23D3.05c	-1.083378e-03	-5.621094e-04	4.274620e-04	-6.663221e-04
## SPAC23D3.06c	4.382134e-03	-1.250036e-03	-4.228831e-03	5.213466e-03
## SPAC23D3.07	8.220253e-03	-4.405684e-03	3.086828e-05	-1.180185e-02
## SPAC23D3.09	4.740487e-03	-1.136778e-03	8.040555e-04	-7.183262e-03
## SPAC23D3.10c	4.734332e-03	4.515472e-05	2.300137e-04	-4.173293e-03
## SPNCRNA.244	1.475471e-05	4.369479e-05	2.113198e-04	-5.422650e-05
## SPAC23D3.12	-1.465743e-03	5.662023e-03	-6.151634e-03	-4.119483e-02
## SPAC23D3.16	6.713423e-04	1.597872e-03	1.743524e-03	1.696937e-03
## SPAC23D3.13c	3.801999e-03	-1.377787e-03	-4.594757e-03	-9.388187e-03
## SPAC23D3.14c	6.102234e-04	1.700782e-04	-1.161158e-03	9.941803e-04
## SPNCRNA.982	-3.323285e-04	1.347373e-04	-2.189594e-04	-1.954680e-04
## SPAC1527.01	7.522795e-04	-1.715636e-03	1.815275e-04	-4.801845e-03
## SPAC1527.02	1.004247e-04	-7.791260e-04	1.085061e-03	-1.329202e-03
## SPAC1527.03	-1.208157e-04	2.984957e-04	-3.827247e-03	-8.268346e-03
## SPAC30.03c	6.151404e-04	-5.308013e-04	-2.569511e-04	-3.194922e-03
## SPNCRNA.983	8.038007e-05	3.591069e-05	-9.917211e-05	6.492180e-05
## SPNCRNA.984	5.606876e-04	-2.463053e-04	-8.615834e-04	-9.878029e-04
## SPNCRNA.246	1.524990e-05	-8.828531e-06	1.852613e-05	2.067135e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	3.090908e-03	-2.108881e-03	-2.851653e-03	-1.047980e-03
## SPAC29E6.06c	2.000073e-02	1.767325e-03	-6.671905e-03	-2.395274e-02
## SPAC29E6.09	-1.498600e-03	1.258267e-03	1.739799e-04	-3.138045e-03
## SPAC29E6.10c	6.253611e-03	-1.698754e-03	-4.682234e-03	-1.089614e-02
## SPAC16.02c	-7.130662e-03	-3.710416e-03	9.106664e-04	-7.070488e-03
## SPNCRNA.247	2.975751e-05	6.334910e-06	-2.916842e-05	-2.429647e-05
## SPAC16.04	2.626744e-05	-5.430028e-03	-2.774841e-03	-2.499353e-03
## SPNCRNA.99	-1.427737e-03	4.155418e-04	-4.416425e-04	-7.716189e-04
## SPAC9E9.02	1.008961e-03	1.047997e-04	2.316686e-04	-6.258626e-05
## SPNCRNA.988	2.675589e-04	5.413807e-05	-6.294936e-05	-4.485911e-04
## SPAC9E9.05	1.915143e-03	-1.540271e-03	2.406299e-04	1.185474e-03
## SPAC9E9.06c	-1.429552e-03	-1.909153e-04	-2.243681e-03	7.169317e-03
## SPAC9E9.07c	-3.229582e-03	1.785560e-03	1.931805e-03	-2.231361e-04
## SPAC9E9.08	1.463797e-03	-2.791600e-03	-9.361893e-04	-2.196968e-03
## SPNCRNA.990	-1.339151e-04	6.730227e-04	4.359107e-04	3.454496e-05

## SPAC9E9.10c	4.643209e-03	-1.289731e-03	-5.324546e-05	-3.953958e-03
## SPAC9E9.11	4.988944e-03	-1.103871e-02	1.550733e-02	-1.907986e-02
## SPAC9E9.12c	9.941691e-04	-2.316565e-04	-6.761263e-03	-1.165387e-03
## SPAC9E9.13	6.307717e-03	-2.802015e-04	2.489440e-02	-2.084339e-03
## SPAC9E9.14	-4.740546e-04	-8.078927e-04	-6.413546e-05	-4.939323e-03
## SPAC17C9.16c	3.038634e-03	-7.016746e-03	2.440394e-03	-4.617668e-03
## SPAC17C9.15c	1.810111e-03	-5.445013e-04	-1.624952e-03	9.814457e-04
## SPAC17C9.13c	8.171130e-03	-3.478952e-03	-1.661875e-03	-6.429071e-03
## SPAC17C9.12	5.446236e-03	-6.171018e-04	8.837422e-04	-2.394895e-04
## SPAC17C9.11c	1.695435e-03	1.389506e-04	1.489515e-03	-1.103222e-03
## SPAC17C9.09c	3.601304e-03	-2.018554e-03	-2.100465e-03	-2.414160e-03
## SPAC17C9.08	2.040124e-03	1.033382e-04	-1.839598e-04	1.406492e-03
## SPAC17C9.06	-6.507496e-04	2.609802e-03	3.802369e-03	-2.594355e-03
## SPAC17C9.03	-1.534118e-03	-1.321327e-02	-2.016777e-02	2.619719e-02
## SPAC17C9.02c	-8.829890e-05	3.692536e-04	5.018902e-04	-2.146477e-03
## SPAC1851.02	6.756303e-03	5.789912e-03	-4.211201e-03	2.578275e-03
## SPAC1851.03	-1.936081e-03	3.540270e-04	-1.593653e-03	-1.497115e-03
## SPNCRNA.992	4.756175e-04	-1.202313e-04	7.734567e-05	-8.355560e-04
## SPAC27D7.03c	-6.485207e-04	5.257718e-05	9.638658e-05	2.229959e-04
## SPAC27D7.04	-6.092959e-04	-1.078924e-04	-5.397712e-04	-9.300257e-04
## SPAC27D7.05c	3.499503e-04	2.054633e-04	7.041381e-04	-1.248285e-03
## SPAC27D7.07c	-2.972413e-04	-5.738331e-04	2.011007e-03	-1.014641e-03
## SPAC27D7.08c	-8.459296e-04	5.217155e-04	-6.173261e-04	-2.203723e-03
## SPAC27D7.09c	2.177163e-02	-1.123375e-02	-9.908244e-03	-6.480342e-03
## SPAC27D7.11c	3.183616e-02	-7.171684e-03	-5.549939e-03	-1.831531e-02
##	[,25]	[,26]	[,27]	[,28]
## SPAC212.11	4.054699e-05	-5.465748e-04	-2.468615e-04	3.607105e-04
## SPAC212.09c	1.623753e-04	1.342855e-03	-4.708874e-05	1.125989e-03
## SPNCRNA.70	-6.234224e-06	-8.953686e-06	-4.533269e-06	3.386717e-06
## SPAC212.12	4.929510e-05	-3.203261e-05	-7.761428e-05	2.335064e-05
## SPAC212.04c	8.390228e-04	1.146728e-03	-7.350306e-04	-7.472755e-05
## SPAC212.03	1.568003e-05	1.119540e-05	3.166035e-05	2.706124e-06
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	-2.173856e-04	6.136157e-05	-1.003725e-04	-6.345947e-05
## SPAC977.03	-2.030490e-05	-8.689112e-06	3.434488e-05	-2.638052e-05
## SPAC977.04	-2.360087e-05	-5.280571e-06	-4.128794e-05	-1.804077e-05
## SPAC977.05c	3.317979e-05	4.160497e-05	7.503689e-05	7.911606e-05
## SPNCRNA.136	2.737267e-06	8.578308e-06	-1.091068e-05	6.252052e-07
## SPNCRNA.601	-1.396517e-05	3.046759e-04	-1.934941e-04	-1.602106e-04
## SPAC977.07c	4.415924e-05	-2.477981e-06	9.508626e-05	-5.482095e-05
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	1.000972e-03	2.479665e-03	8.955014e-04	9.895046e-05
## SPAC977.13c	-1.206340e-03	2.938743e-04	-1.157560e-03	-1.044954e-03
## SPAC977.15	-1.933277e-04	-1.201922e-03	1.240936e-04	2.130922e-03
## SPAC977.16c	-3.072148e-03	2.801038e-04	-4.926237e-04	-2.488202e-03
## SPNCRNA.37	-6.541639e-05	-1.018162e-05	6.552734e-05	1.254399e-05
## SPAPJ695.01c	-4.092019e-05	-5.704501e-05	-7.042455e-05	5.175845e-05
## SPNCRNA.76	1.096846e-04	-3.741834e-05	-1.591346e-04	2.224439e-04
## SPNCRNA.603	-7.129290e-05	-2.260927e-04	-1.783499e-04	2.103731e-05
## SPNCRNA.607	-3.971175e-04	9.260191e-04	7.212333e-04	-9.204768e-04
## SPAC1F8.06	3.619045e-04	-1.468004e-04	4.996913e-04	1.376263e-04
## SPAC1F8.08	4.518221e-05	5.099805e-04	-1.477057e-03	-7.262686e-04
## SPAC11D3.19	-8.055038e-04	7.933277e-04	-7.465822e-04	4.596062e-04

## SPAC11D3.01c	1.534308e-02	3.452796e-02	9.250271e-03	-7.478833e-04
## SPNCRNA.608	6.512481e-04	9.678025e-04	4.263589e-04	-1.658486e-03
## SPAC11D3.02c	9.436219e-04	8.170560e-03	-1.742987e-02	2.821375e-05
## SPAC11D3.03c	9.872417e-04	-6.231866e-05	-6.592992e-04	3.169374e-04
## SPAC11D3.05	4.045600e-03	2.110448e-03	8.525557e-03	6.887144e-03
## SPAC11D3.07c	-2.997064e-03	-3.631691e-04	-2.296090e-04	-2.298576e-03
## SPAC11D3.08c	-5.521094e-04	3.505346e-03	-4.429551e-03	1.427296e-04
## SPAC11D3.11c	-1.922522e-04	2.302583e-03	-1.967438e-03	2.806012e-03
## SPAC11D3.14c	-1.126478e-03	2.029296e-04	-3.831355e-04	-3.201645e-03
## SPNCRNA.609	1.635526e-03	1.427371e-03	1.561881e-03	6.570669e-04
## SPNCRNA.147	1.084954e-04	5.237108e-05	6.148561e-05	-1.400165e-05
## SPNCRNA.610	-1.438198e-04	-7.028379e-05	6.373157e-05	6.694189e-05
## SPAC11D3.16c	-1.117969e-03	-1.508279e-03	-1.770731e-03	1.076796e-03
## SPAC11D3.18c	2.185629e-04	-4.694845e-05	2.667457e-04	8.761661e-04
## SPNCRNA.612	1.181279e-03	-4.508454e-04	-1.484656e-03	2.447259e-03
## SPAC5H10.01	4.696140e-04	-1.288935e-04	-1.068539e-04	-5.343944e-04
## SPAC5H10.03	3.536957e-03	3.166873e-03	-8.192768e-03	-2.646369e-02
## SPAC5H10.04	-1.002585e-03	-6.945877e-04	1.008054e-03	-3.572082e-04
## SPAC5H10.06c	1.232290e-03	4.827775e-03	-6.441205e-03	-1.594099e-03
## SPAC5H10.08c	3.675077e-03	1.596156e-04	-2.105038e-03	-4.360709e-04
## SPAC5H10.09c	-2.570225e-05	7.889120e-04	-1.580686e-03	1.968549e-03
## SPAC5H10.10	4.545969e-03	4.788334e-03	-3.030951e-03	-3.441179e-04
## SPAC5H10.11	3.429382e-04	1.088778e-04	3.993064e-04	2.093292e-04
## SPAC5H10.12c	2.040237e-03	-5.757042e-04	-5.944132e-03	3.027201e-03
## SPAC5H10.13c	3.428149e-03	6.922192e-03	-1.971441e-03	1.855351e-03
## SPNCRNA.617	-3.141453e-04	4.878674e-04	-2.791426e-04	4.568076e-04
## SPAC13G6.01c	6.574276e-04	6.484703e-03	5.491243e-03	4.740427e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	-2.654485e-03	4.391672e-03	-2.164664e-03	2.641073e-03
## SPNCRNA.618	2.444572e-04	6.201041e-04	-1.143058e-04	-4.191966e-04
## SPNCRNA.620	1.102728e-04	-2.551835e-04	-3.710887e-04	5.653522e-05
## SPAC13G6.14	3.466535e-03	-1.225657e-03	-4.895127e-03	-1.155845e-02
## SPAC13G6.15c	2.018812e-03	5.840774e-04	2.674735e-03	4.286018e-04
## SPNCRNA.621	-1.974302e-04	-1.024454e-03	-1.170187e-04	-1.955530e-05
## SPAC24B11.05	2.365955e-03	3.640690e-03	1.031536e-03	1.940394e-03
## SPAC24B11.08c	-2.442170e-04	6.489101e-04	1.542056e-03	2.078292e-03
## SPNCRNA.142	-5.280740e-05	-2.041064e-05	-2.161753e-06	3.137345e-05
## SPAC24B11.09	6.453554e-04	4.540139e-03	1.045855e-03	-1.279464e-03
## SPAC24B11.11c	3.282916e-05	1.060058e-03	-7.303957e-03	6.373461e-03
## SPAC24B11.12c	-1.401814e-03	5.403778e-03	-6.170351e-03	-5.116724e-03
## SPNCRNA.624	9.301909e-04	1.357673e-03	-1.617952e-03	-5.700478e-04
## SPAC806.02c	1.707785e-03	-1.584807e-03	-9.689509e-03	2.396108e-03
## SPNCRNA.625	3.423286e-04	-9.608323e-05	9.383552e-04	7.511109e-04
## SPAC806.11	2.578508e-04	2.745756e-04	1.878040e-04	-9.887526e-05
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-2.044983e-04	1.842219e-04	-1.378040e-03	1.539336e-03
## SPNCRNA.627	3.049437e-04	1.963879e-05	4.215851e-05	8.916756e-05
## SPNCRNA.628	4.509435e-07	-1.280448e-05	1.526486e-04	1.302378e-04
## SPAC806.06c	6.388682e-03	4.333023e-04	-2.807085e-03	-8.317073e-03
## SPAC806.07	2.013246e-03	5.987111e-03	-9.781333e-04	3.986842e-03
## SPNCRNA.630	9.194003e-04	5.108833e-04	-2.111260e-04	-1.573057e-03
## SPAC1F5.11c	1.670124e-03	-6.140477e-03	1.387746e-03	6.005859e-03
## SPNCRNA.632	-1.514798e-04	3.710316e-04	3.644838e-05	-3.658727e-05
## SPNCRNA.633	-1.240821e-04	-4.613484e-04	-5.456496e-04	-1.984445e-04

## SPAC1F5.07c	-1.553020e-03	4.045116e-03	-3.301173e-03	-2.061709e-03
## SPAC1F5.04c	1.006161e-03	5.132319e-03	-1.180233e-03	-3.349627e-03
## SPAC1F5.02	-6.901964e-03	9.539283e-03	-1.099748e-03	-1.075164e-02
## SPNCRNA.148	3.418406e-05	1.149750e-04	-2.203728e-06	1.351398e-04
## SPAC18B11.10	3.400818e-03	-4.750487e-03	-5.257117e-03	1.067793e-03
## SPNCRNA.27	7.557707e-06	-1.668123e-05	-3.829417e-05	-4.931043e-05
## SPNCRNA.635	-7.533343e-05	7.778954e-06	-2.576902e-04	2.792956e-04
## SPAC18B11.09c	-1.815063e-03	-3.641163e-03	-2.233545e-03	4.584425e-05
## SPAC18B11.08c	1.530996e-03	-1.417979e-03	-1.345302e-03	-3.947468e-04
## SPAC18B11.07c	-3.428131e-03	-1.400326e-03	-2.717896e-03	-2.643709e-03
## SPAC18B11.04	1.696079e-03	-6.904308e-04	1.804529e-03	-2.253922e-03
## SPNCRNA.636	2.331881e-03	1.307188e-03	-5.944699e-04	-4.291782e-03
## SPAC18B11.02c	-2.071006e-03	7.721562e-04	4.560432e-03	-3.350676e-03
## SPAC12G12.15	9.052508e-05	-1.405480e-04	3.927980e-04	-9.210298e-04
## SPNCRNA.637	-2.880575e-04	-1.828364e-05	2.724316e-04	1.906329e-04
## SPAC12G12.14c	-1.125208e-03	-1.851470e-03	2.681159e-03	2.751741e-03
## SPNCRNA.638	1.245012e-04	-3.589736e-05	5.137286e-05	-1.057663e-04
## SPAC12G12.10	-1.214253e-03	2.711208e-03	-5.286347e-04	-1.655305e-03
## SPAC12G12.09	-3.576350e-03	3.073394e-05	-4.484137e-03	-6.060381e-03
## SPAC12G12.06c	4.859796e-03	-1.472710e-03	-8.274970e-03	1.922541e-03
## SPNCRNA.639	1.068873e-04	-3.310222e-05	1.562127e-04	-9.315454e-05
## SPAC12G12.03	-5.339939e-03	6.862726e-03	5.226722e-03	6.249839e-04
## SPAC630.05	-2.780509e-06	-1.849821e-03	-4.878928e-03	-1.263405e-03
## SPAC630.15	9.469290e-05	-8.765853e-04	3.280689e-04	1.383138e-03
## SPATRNPAPRO.01	-7.075552e-04	3.608165e-03	1.001509e-03	5.360401e-03
## SPAC630.11	-1.388414e-03	-1.406760e-03	1.979310e-03	-1.805735e-03
## SPAC630.12	-3.884538e-03	-2.405100e-03	-6.214123e-03	3.604974e-03
## SPAC630.13c	1.849971e-04	-3.210335e-03	-1.271275e-03	-4.646303e-04
## SPAC630.14c	5.667752e-04	-7.820318e-04	-3.662501e-03	-3.707434e-03
## SPAC1751.01c	1.501377e-04	1.631547e-03	2.964966e-04	2.471505e-03
## SPAC1751.04	-1.300458e-03	-1.665421e-03	2.038427e-03	3.186959e-05
## SPAC1751.02c	-3.783056e-03	-5.195418e-04	-1.437644e-03	6.383160e-03
## SPAC31A2.02	-1.879629e-04	-2.278062e-03	-5.454519e-04	7.342463e-04
## SPNCRNA.643	-1.484370e-04	5.425626e-04	-1.051973e-04	-1.720245e-04
## SPAC31A2.03	-2.426916e-04	5.820627e-03	-2.246987e-03	-3.193678e-03
## SPAC31A2.04c	4.393438e-03	1.281753e-03	-2.178153e-03	-3.035656e-03
## SPAC31A2.06	1.608947e-03	1.783291e-03	-5.876049e-03	4.814804e-03
## SPAC31A2.07c	6.139192e-04	6.470067e-03	-2.755692e-03	-1.318166e-03
## SPAC31A2.09c	1.217781e-03	1.882129e-03	-2.027949e-03	-7.446995e-04
## SPAC31A2.11c	6.281755e-04	-1.380965e-03	-9.048563e-04	1.238783e-04
## SPAC31A2.12	-6.002709e-04	-1.065760e-03	2.823189e-03	-1.823762e-04
## SPAC31A2.13c	4.818271e-04	-1.575379e-03	-7.350561e-04	-5.032882e-04
## SPAC31A2.14	1.756293e-03	-9.481151e-05	-2.283048e-03	4.147561e-03
## SPAC31A2.16	-2.762222e-03	4.608296e-03	-6.086590e-03	-3.816005e-03
## SPAC13C5.01c	3.791146e-03	5.331208e-03	-2.958793e-03	3.245076e-03
## SPNCRNA.644	2.978843e-04	4.677395e-04	-1.097452e-04	1.887274e-04
## SPAC13C5.04	-1.706170e-04	1.053687e-02	2.219451e-03	-1.806913e-02
## SPNCRNA.645	6.582645e-05	-8.142922e-05	-8.606126e-04	1.571146e-03
## SPAC13C5.05c	-1.728431e-04	-3.578835e-04	3.193854e-03	9.770943e-04
## SPAC13C5.06c	-5.203363e-04	-2.818353e-04	-3.513305e-04	5.723418e-04
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	4.623710e-02	-3.190490e-02	3.093879e-02	3.921228e-02
## SPAC23E2.02	9.871463e-04	-3.515597e-04	-1.474907e-03	-1.240529e-03
## SPRRNA.11	-1.108042e-02	-9.043491e-03	-1.746542e-02	-1.274380e-03

## SPAC24H6.12c	3.812824e-03	3.047212e-03	-1.291515e-03	-1.498879e-03
## SPAC24H6.11c	-3.571025e-03	-1.837253e-03	-1.778423e-03	2.842361e-03
## SPNCRNA.652	-4.483237e-04	2.674433e-03	1.124348e-03	1.648724e-03
## SPAC24H6.09	4.558367e-03	-3.522874e-04	-6.932885e-05	-3.776041e-03
## SPAC24H6.07	2.482689e-02	3.546695e-03	8.271945e-03	-2.418577e-02
## SPAC24H6.06	1.300487e-03	9.149717e-04	3.405781e-03	1.282818e-03
## SPAC24H6.04	-9.588310e-03	1.214942e-02	3.150400e-03	-7.818986e-03
## SPNCRNA.653	3.418524e-04	-9.079634e-05	1.754500e-04	-5.150484e-05
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	7.372473e-04	5.303051e-04	-2.597910e-03	2.498808e-03
## SPNCRNA.654	-1.513118e-05	-3.672074e-04	2.533225e-04	3.133173e-04
## SPAC24H6.01c	-1.263627e-03	1.177392e-03	-3.519516e-04	1.698263e-03
## SPAC227.19c	2.898930e-04	1.303899e-06	1.166195e-03	9.276353e-04
## SPNCRNA.655	-9.673378e-05	3.682843e-04	-3.638981e-04	-3.933724e-04
## SPAC227.05	1.127081e-03	1.150748e-03	-1.175204e-03	-2.233949e-03
## SPAC227.06	-6.131455e-04	3.191116e-04	-4.153392e-03	-4.597161e-04
## SPAC227.07c	-6.902304e-05	-6.656394e-03	-6.711765e-03	-3.283559e-03
## SPNCRNA.657	2.334234e-04	9.955846e-04	3.569719e-04	-1.624535e-03
## SPAC227.08c	-1.070346e-03	1.408373e-03	-1.953731e-03	-3.668212e-04
## SPAC227.09	4.144068e-04	1.387521e-03	-9.646182e-04	-7.513490e-04
## SPAC227.10	1.665372e-03	3.566530e-04	-2.393150e-03	5.098190e-03
## SPAC227.11c	-2.594396e-03	4.579035e-04	-2.980540e-03	1.068253e-03
## SPAC227.12	3.482409e-04	1.061903e-03	-3.372137e-03	-1.249503e-03
## SPAC227.13c	-2.961365e-04	-1.290258e-03	-1.850448e-03	-4.923971e-04
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	-1.454577e-05	-8.568256e-04	-1.106005e-04	-6.645927e-05
## SPAC2F7.04	2.856974e-04	1.638522e-03	1.700558e-03	-2.270944e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	1.129158e-03	-2.482257e-04	-2.077426e-04	-2.679729e-04
## SPNCRNA.661	-5.966534e-04	1.056208e-03	-1.015613e-04	1.327096e-03
## SPAC2F7.13c	-6.016592e-04	7.287536e-03	3.537446e-03	-1.248625e-02
## SPAC2F7.15	-2.284804e-04	-7.843716e-04	-2.971739e-03	-4.911090e-04
## SPAC13A11.01c	8.638252e-04	2.350125e-03	-3.238598e-03	-3.217618e-03
## SPAC13A11.03	4.476084e-03	1.047952e-02	6.258783e-03	-3.223481e-03
## SPAC13A11.04c	-9.248088e-04	6.380511e-04	-4.347956e-03	2.659834e-04
## SPAC13A11.05	-1.133633e-03	1.170654e-03	1.362445e-03	3.844387e-03
## SPAC3H8.02	5.476198e-03	-3.642862e-03	-1.488490e-03	4.405716e-03
## SPAC3H8.03	-1.767703e-03	1.449293e-03	8.265928e-04	-3.274784e-04
## SPNCRNA.663	-1.177954e-04	-3.167084e-04	-8.448676e-04	2.307291e-04
## SPAC3H8.04	1.667270e-04	-3.022626e-03	-2.474468e-03	2.738979e-03
## SPNCRNA.156	3.115149e-06	3.237893e-05	-9.435420e-05	3.781187e-05
## SPAC3H8.08c	1.117230e-03	3.180515e-03	1.462664e-03	4.860489e-04
## SPNCRNA.667	1.177520e-04	-4.995568e-04	-1.614738e-04	8.439426e-05
## SPAC3H8.10	-7.332881e-03	1.225481e-02	-4.202607e-03	2.711058e-03
## SPAC1F3.01	-6.026560e-03	-1.670307e-03	-4.550514e-03	-6.293950e-03
## SPAC1F3.02c	3.436431e-03	2.186300e-04	9.886262e-04	2.952824e-03
## SPAC1F3.03	-4.034766e-03	2.023659e-03	-6.411727e-04	9.886433e-04
## SPAC1F3.04c	-1.159071e-03	2.528991e-03	1.322083e-03	-4.394728e-03
## SPAC1F3.05	-4.162145e-04	-6.868341e-04	9.188594e-04	-4.134472e-03
## SPAC1F3.06c	-7.052982e-03	8.585278e-03	-1.698514e-02	-8.035097e-03
## SPAC1D4.01	-9.055279e-04	8.139417e-04	-6.047610e-04	1.248339e-03

## SPAC1D4.02c	-1.491534e-03	2.665959e-03	-7.592242e-04	9.786419e-04
## SPAC1D4.03c	-3.682348e-04	-1.334803e-03	-1.457938e-04	1.508987e-03
## SPNCRNA.670	-1.785053e-04	2.206666e-04	8.874324e-04	4.067757e-05
## SPAC1D4.05c	-2.699559e-03	-5.443829e-03	-2.612344e-03	2.246064e-04
## SPAC1D4.07c	-3.456847e-05	-6.415756e-04	-3.142896e-04	-8.387267e-05
## SPAC1D4.10	4.188190e-03	-1.841851e-03	-3.572206e-03	4.069378e-03
## SPNCRNA.671	7.177207e-04	-1.096887e-04	3.854121e-04	-7.086881e-04
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	6.031446e-03	1.346927e-03	-1.871816e-03	1.841317e-03
## SPAC1D4.14	4.361334e-03	2.778325e-03	-6.714686e-03	2.826101e-03
## SPAC22F3.13	-1.679723e-03	-8.414519e-04	-4.019327e-03	-9.797731e-04
## SPNCRNA.675	-8.735387e-04	-9.952114e-04	1.723167e-04	-1.489301e-03
## SPNCRNA.158	-2.346382e-04	2.487467e-06	1.018348e-04	-7.424235e-05
## SPAC22F3.11c	-1.052850e-03	-1.770892e-03	-1.729720e-03	-2.381395e-03
## SPAC22F3.10c	7.236976e-03	1.030834e-02	-2.494046e-03	4.774548e-03
## SPAC22F3.08c	1.193779e-03	2.248536e-04	8.169690e-04	1.621065e-03
## SPAC22F3.07c	-1.088468e-04	-6.177377e-03	2.694713e-03	5.428085e-03
## SPAC22F3.05c	3.884488e-03	-1.871382e-03	-6.958343e-03	2.377769e-03
## SPNCRNA.676	-1.575542e-04	5.619950e-05	-1.652220e-04	-1.026453e-04
## SPAC22F3.03c	-6.696515e-04	1.548519e-03	-1.555680e-03	1.801400e-04
## SPAC1296.03c	1.862632e-04	1.033996e-03	-9.785657e-04	3.357809e-03
## SPAC1296.04	-5.808676e-04	-6.411166e-06	8.324738e-04	-8.483604e-04
## SPAC1296.05c	1.448860e-03	-7.433719e-04	-3.478779e-03	-4.838224e-03
## SPAPJ696.02	2.580954e-03	-3.249309e-03	5.320432e-04	6.548731e-03
## SPAC22G7.01c	-9.703470e-04	7.353971e-03	6.033662e-04	2.136697e-03
## SPNCRNA.677	-4.849903e-04	1.585648e-03	-1.921480e-04	-6.090242e-04
## SPAC22G7.03	5.738736e-05	-8.520529e-04	-3.398063e-04	-5.822973e-04
## SPNCRNA.678	-6.734311e-04	9.933857e-05	2.812612e-04	4.759928e-05
## SPAC22G7.05	-6.850733e-04	1.691788e-03	9.995070e-05	-6.185290e-03
## SPAC22G7.09c	2.729749e-03	2.720680e-03	2.823387e-04	1.553781e-03
## SPAC22G7.10	-3.886609e-04	-3.072201e-03	-5.876874e-03	-9.807113e-04
## SPAC4G8.02c	1.829688e-03	3.567884e-03	-5.926458e-03	4.480271e-03
## SPAC4G8.03c	5.195498e-04	1.031269e-03	-1.098077e-03	1.708801e-03
## SPAC4G8.06c	-1.930736e-03	-2.852635e-03	-3.040078e-03	-3.015852e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-1.178827e-03	1.454458e-03	-6.254973e-04	-1.165698e-03
## SPAC4G8.11c	1.014908e-04	-1.790049e-04	-1.548709e-03	5.756222e-04
## SPAC4G8.12c	6.934523e-04	2.065693e-03	-1.937107e-05	1.660136e-03
## SPAC4G8.13c	1.325785e-03	5.755229e-03	1.071410e-03	-1.339200e-03
## SPAC16C9.05	-1.618336e-03	4.957274e-03	-1.268245e-03	-8.348543e-03
## SPAC2G11.02	-7.415879e-04	6.837313e-03	-1.540162e-02	-1.999664e-03
## SPAC2G11.03c	1.005439e-03	2.445501e-03	-1.043023e-03	3.193895e-03
## SPAC2G11.06	2.902231e-03	-8.365087e-04	-2.539425e-03	3.767027e-03
## SPNCRNA.688	-2.282905e-04	6.536842e-04	-1.565774e-04	-7.745375e-04
## SPAC2G11.07c	-7.014348e-03	1.119042e-02	6.766065e-03	-1.090519e-02
## SPAC2G11.09	-1.684932e-04	1.461781e-03	-2.317309e-03	-3.871904e-03
## SPAC2G11.12	2.454042e-03	1.193412e-03	-6.120349e-03	2.368084e-03
## SPNCRNA.691	2.731006e-04	5.754094e-04	6.053022e-04	-2.360112e-04
## SPNCRNA.692	4.465685e-05	-1.040362e-04	-6.141491e-04	1.999615e-04
## SPAC521.02	1.262854e-03	-2.513586e-03	-6.784293e-03	-2.055351e-03
## SPAC521.03	1.552093e-02	-1.523965e-02	2.106866e-02	-6.219795e-03
## SPAC521.05	1.399325e-02	-2.598780e-02	3.966026e-02	5.954737e-03
## SPAC23G3.01	7.950681e-03	-1.678095e-03	4.705585e-03	-9.278237e-03
## SPNCRNA.694	7.841285e-05	5.966022e-05	-3.530064e-04	-3.473706e-04

## SPAC23G3.04	5.118551e-04	-4.778878e-05	-2.345663e-03	-1.673300e-03
## SPAC23G3.06	8.068075e-03	1.282199e-02	2.585847e-03	-1.782798e-02
## SPAC23G3.07c	-5.815892e-04	-5.012491e-05	4.577418e-04	-1.586772e-03
## SPAC23G3.08c	-4.135655e-03	2.308460e-03	2.297902e-03	-1.694412e-03
## SPAC23G3.10c	-1.176280e-03	3.180491e-04	-1.981111e-03	-4.787200e-03
## SPAC22H12.01c	-5.278950e-04	-3.248326e-04	2.881849e-03	-2.639600e-03
## SPAC22H12.02	-7.469495e-03	6.219702e-03	-4.079644e-04	-1.887204e-03
## SPAC22H12.05c	-2.227455e-04	2.332219e-03	-1.670476e-03	-2.914214e-03
## SPAC1687.01	-3.233172e-04	-3.101436e-03	-7.236832e-03	-2.965436e-03
## SPAC1687.04	-9.380503e-04	1.276890e-03	4.726386e-04	2.008543e-03
## SPAC1687.05	-1.395345e-03	3.347336e-03	2.743597e-04	4.592402e-03
## SPAC1687.06c	-1.635427e-03	1.653585e-02	4.702862e-03	-9.639290e-03
## SPNCRNA.696	-2.362165e-04	4.666903e-04	-3.250857e-05	-3.509982e-04
## SPAC1687.11	-3.513233e-03	3.270804e-03	5.840770e-03	3.004799e-03
## SPAC1687.12c	9.246735e-05	-3.338062e-04	-4.842050e-03	3.879099e-03
## SPAC1687.14c	8.244465e-04	6.326391e-04	-3.152079e-04	-1.200175e-03
## SPAC1687.16c	1.037813e-03	4.014245e-04	-1.910716e-04	9.425489e-04
## SPNCRNA.160	1.598057e-04	8.325342e-05	-7.969142e-05	2.698100e-04
## SPATRNAALA.01	1.229345e-03	-1.280048e-04	7.976307e-04	1.339926e-03
## SPAC1687.17c	-1.686397e-03	1.011324e-03	-3.142892e-03	5.417890e-04
## SPAC1687.18c	-1.255561e-03	2.114628e-03	-1.995708e-03	-9.883238e-04
## SPAC1687.19c	3.799014e-03	-2.385523e-03	-1.659335e-03	-2.937957e-03
## SPAC1687.20c	-1.277952e-03	1.735136e-03	-8.897573e-04	3.602870e-03
## SPAC222.03c	-7.802296e-04	1.384975e-03	-5.630464e-03	7.336150e-03
## SPAC222.19	-8.935217e-04	1.021388e-03	-1.839473e-03	6.094394e-04
## SPAC222.04c	-4.808713e-04	1.969599e-03	1.800099e-03	6.238729e-04
## SPAC222.06	9.021714e-04	-4.279856e-03	1.240334e-03	-3.267636e-03
## SPAC222.07c	-3.411416e-03	5.023624e-03	-3.343543e-04	-8.225080e-03
## SPAC222.08c	-9.633532e-04	3.956382e-03	1.192147e-04	-4.738659e-03
## SPSNRNA.02	1.111924e-01	1.321917e-01	-7.487499e-03	1.223503e-03
## SPAC222.17	-7.441206e-04	2.951355e-03	1.679872e-03	-1.271416e-03
## SPNCRNA.701	-6.249175e-04	5.463998e-04	1.843434e-04	-5.943512e-04
## SPAC222.15	-1.179955e-04	6.492154e-05	-3.851115e-04	1.155611e-03
## SPAC222.18	-4.750583e-04	2.184240e-03	5.846362e-04	-3.729563e-04
## SPAC222.16c	1.108044e-03	7.621689e-04	-2.770283e-03	-1.804068e-03
## SPAC821.05	8.626097e-04	-1.606029e-03	1.365092e-02	6.721470e-03
## SPNCRNA.702	-3.812807e-04	-2.015832e-04	-9.395768e-06	-3.718910e-04
## SPAC821.06	2.749301e-03	-2.514891e-03	1.105412e-03	3.049806e-03
## SPNCRNA.703	3.923570e-05	1.218282e-03	-1.795216e-03	-3.028860e-03
## SPAC821.08c	1.553735e-02	6.779960e-03	5.807876e-03	4.713653e-03
## SPAC821.09	5.951911e-03	4.991724e-02	-1.962825e-02	-1.975282e-02
## SPAC821.10c	2.515177e-02	-6.656058e-02	-8.538971e-02	8.261575e-03
## SPAC821.12	-4.599668e-03	4.595689e-03	-2.648779e-03	1.913190e-03
## SPNCRNA.220	1.314918e-04	7.493912e-05	1.748651e-04	-1.668726e-04
## SPAC139.01c	-1.595108e-03	3.869976e-03	-5.095894e-04	-1.468333e-03
## SPNCRNA.704	6.488704e-04	1.101748e-03	6.009077e-04	-4.880074e-04
## SPAC139.02c	1.424613e-03	2.376098e-03	-6.726020e-03	2.921388e-03
## SPAC23C4.03	3.133888e-03	3.314453e-03	-1.637574e-02	-1.025163e-02
## SPAC23C4.05c	4.948959e-04	2.165202e-03	-1.968203e-05	-2.419107e-03
## SPAC23C4.06c	-8.238566e-04	-9.189533e-04	1.940928e-03	4.192951e-04
## SPAC23C4.09c	-5.189561e-03	-8.905500e-04	-4.664643e-03	2.590561e-03
## SPAC23C4.10	-1.000953e-03	-7.315856e-04	-2.572668e-03	-1.108437e-04
## SPAC23C4.11	-3.701291e-03	-3.488695e-03	-2.516209e-03	-2.027318e-03
## SPAC23C4.13	6.060326e-04	1.749412e-03	2.316407e-03	2.916702e-03

## SPAC23C4.14	3.238774e-04	3.742441e-03	1.957253e-03	-2.453083e-03
## SPAC23C4.15	-2.351593e-03	-1.015553e-03	-4.136252e-03	-4.401366e-03
## SPAC23C4.17	3.713594e-03	-6.555365e-03	-5.037293e-03	-6.965340e-03
## SPAC23C4.18c	1.011964e-03	6.484176e-04	5.928282e-04	-6.460321e-04
## SPAC1A6.01c	9.017114e-04	-2.319374e-03	-1.936809e-03	-1.598523e-03
## SPAC1A6.02	4.682180e-03	-2.039421e-03	-7.318676e-03	5.842779e-03
## SPAC1A6.03c	6.241634e-03	9.503611e-03	1.305130e-03	-4.601451e-03
## SPAC1A6.04c	3.447951e-02	-2.103814e-02	-4.936070e-03	2.949191e-02
## SPNCRNA.710	9.335695e-04	-1.882076e-04	-2.122273e-04	-2.733233e-04
## SPAC1A6.06c	7.679430e-04	3.497792e-04	-7.266056e-06	1.311692e-04
## SPAC1A6.08c	6.452942e-04	1.158764e-04	1.033026e-03	-4.494268e-04
## SPAC30D11.14c	8.073856e-04	4.791928e-03	-3.290324e-03	-2.816889e-03
## SPATRNASER.01	2.574781e-03	-4.968513e-03	-7.865269e-03	-4.919147e-03
## SPATRNAMET.01	-1.166154e-03	-1.234371e-03	1.915534e-04	-6.061161e-05
## SPNCRNA.711	4.239458e-04	-1.175959e-04	6.387388e-04	5.527266e-05
## SPAC30D11.07	-1.275440e-04	1.054613e-03	1.370679e-03	-9.897872e-04
## SPAC30D11.06c	-4.008319e-04	-1.699133e-04	-1.963149e-03	-1.154818e-03
## SPAC30D11.05	1.670374e-03	-2.776443e-05	-2.334904e-03	-2.252538e-03
## SPAC30D11.02c	-2.678999e-04	2.618087e-05	3.042566e-04	1.837115e-04
## SPAC56F8.02	-2.071443e-03	-8.159437e-03	4.475179e-04	-7.202079e-04
## SPAC56F8.04c	-2.575245e-03	7.002007e-04	-1.955386e-04	-3.911105e-04
## SPAC56F8.06c	1.482571e-03	-1.647573e-03	-2.489658e-04	2.043310e-03
## SPAC56F8.09	-1.283191e-03	-6.728073e-04	-8.664971e-03	-2.783813e-03
## SPNCRNA.716	1.417204e-03	-6.813686e-04	-2.063817e-03	1.739233e-04
## SPAC56F8.12	-7.735574e-05	-1.009276e-04	7.124442e-04	-1.312523e-04
## SPAC56F8.16	-1.646548e-03	4.358290e-03	-5.583103e-03	2.535908e-03
## SPAC22A12.02c	-1.999445e-05	-2.206812e-04	1.812702e-05	-3.907083e-04
## SPAC22A12.04c	6.031626e-03	-1.548042e-02	-1.702709e-03	1.465464e-03
## SPNCRNA.717	3.068118e-04	-1.702662e-04	-3.744414e-04	2.241869e-04
## SPAC22A12.07c	1.292583e-02	-3.606643e-03	7.253950e-03	5.041417e-03
## SPAC22A12.08c	1.229382e-03	3.755170e-03	8.548997e-04	-7.163537e-03
## SPAC22A12.10	-9.411823e-03	4.749482e-03	-6.014337e-03	-8.645515e-04
## SPAC22A12.09c	-9.080054e-04	1.980714e-03	1.528555e-03	5.083997e-04
## SPAC22A12.11	8.137889e-03	2.465084e-03	5.389429e-03	-1.054104e-02
## SPAC22A12.12c	-4.057548e-04	1.606807e-04	2.660970e-03	-1.238186e-03
## SPAC22A12.14c	1.267533e-03	2.263596e-03	2.641167e-03	1.442315e-03
## SPNCRNA.719	1.944186e-04	2.936117e-04	1.413392e-04	4.018462e-05
## SPAC22A12.17c	-3.559928e-03	4.844112e-02	4.054816e-02	-5.381011e-02
## SPNCRNA.168	2.319443e-04	2.749615e-04	1.170495e-04	-2.035826e-04
## SPNCRNA.720	7.363553e-04	6.039424e-05	7.618693e-04	-6.641398e-04
## SPNCRNA.721	-4.022289e-04	3.521752e-05	-7.485072e-04	1.968660e-04
## SPAC4C5.02c	-1.118558e-04	-1.425888e-03	-5.564017e-03	-7.541917e-04
## SPAC4C5.03	-3.610000e-03	-1.520245e-03	-3.617637e-03	8.257587e-04
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	-5.972632e-03	3.850607e-02	-2.538049e-03	-4.368244e-02
## SPNCRNA.724	1.601835e-03	1.632509e-03	2.339850e-04	-2.786662e-04
## SPAC10F6.02c	7.030010e-03	-2.629579e-04	4.727690e-03	4.392131e-04
## SPAC10F6.05c	3.697611e-03	6.717150e-04	3.271534e-03	3.004048e-03
## SPNCRNA.725	2.611578e-04	1.441122e-03	3.381478e-04	1.080509e-04
## SPAC10F6.10	7.329192e-04	-7.487646e-05	-4.987492e-04	-3.365498e-03
## SPNCRNA.726	-1.421399e-04	1.513780e-04	4.633544e-05	5.435604e-04
## SPAC10F6.15	-1.271825e-03	-9.922909e-04	-6.515471e-04	6.058528e-05
## SPNCRNA.432	-4.862448e-05	7.327754e-05	1.544391e-04	7.917999e-05

## SPAC10F6.17c	4.547413e-03	1.198773e-03	3.066464e-04	2.719765e-03
## SPAC56E4.03	1.221386e-02	3.988826e-03	8.229676e-04	1.506457e-02
## SPAC56E4.07	-3.277248e-03	4.547955e-03	3.824600e-03	-2.355576e-03
## SPNCRNA.730	-2.221491e-04	-1.167371e-04	1.049627e-04	-7.052420e-04
## SPAC1420.02c	-3.068131e-03	4.813065e-03	-1.763276e-02	7.394267e-04
## SPAC1420.03	2.740132e-03	5.025273e-03	-4.216406e-03	-3.283697e-03
## SPAC1420.04c	3.843050e-05	-1.754205e-04	-5.203922e-04	7.970800e-04
## SPNCRNA.731	1.047140e-04	-3.690112e-04	5.590364e-05	2.747124e-05
## SPAPB17E12.02	3.422263e-04	-2.044005e-05	-6.133560e-04	3.852394e-04
## SPAPB17E12.03	-7.650944e-04	2.017975e-03	-6.877622e-05	-2.842072e-03
## SPAPB17E12.05	-1.282551e-02	-2.941666e-03	8.397219e-03	-7.066934e-03
## SPAPB17E12.11	2.429133e-06	-3.025744e-03	1.287983e-03	6.993511e-04
## SPNCRNA.732	-6.753369e-05	-4.160801e-04	-6.757338e-05	-8.946926e-04
## SPNCRNA.733	6.054210e-04	-8.199899e-05	1.152733e-04	-8.701218e-04
## SPAC1565.03	9.078721e-05	7.813730e-04	-4.069959e-04	-3.423596e-05
## SPAC1565.05	1.929863e-04	-3.685954e-03	-1.008012e-02	-4.085573e-03
## SPAC1565.06c	6.920137e-03	4.344724e-03	-1.612395e-04	-1.138712e-03
## SPAC1565.07c	-1.707592e-03	-2.951625e-03	-3.675927e-04	-3.781939e-03
## SPATRNPAPRO.02	6.557254e-02	9.300825e-02	-2.664675e-02	-3.785647e-04
## SPSNORNA.53	-1.999090e-02	1.385556e-02	1.113736e-03	-1.207568e-02
## SPAC6F12.06	2.537445e-03	4.816826e-03	3.989501e-03	6.478223e-04
## SPAC6F12.07	3.348714e-03	-2.775806e-03	-2.688224e-03	-6.288237e-03
## SPAC6F12.08c	6.733191e-05	1.327023e-03	-2.762212e-03	-2.399482e-03
## SPAC6F12.09	-1.366095e-03	-1.327909e-03	-5.155100e-03	-2.674562e-03
## SPAC6F12.12	-1.734920e-03	1.286839e-03	-1.189342e-03	1.704187e-03
## SPAC6F12.13c	-1.456248e-03	9.812097e-03	-3.675189e-03	-3.605632e-03
## SPAC6F12.15c	4.645878e-05	-1.166593e-03	-2.852853e-03	-2.247942e-03
## SPAC19E9.01c	-6.782181e-04	-4.649294e-03	2.930123e-04	-1.651613e-03
## SPAC19E9.02	-1.308591e-03	-4.636498e-04	3.792393e-04	1.428223e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	-5.739314e-04	2.754435e-04	-4.875068e-04	-1.323382e-04
## SPAC19E9.03	-2.629171e-03	-3.717778e-04	-1.354841e-03	6.385110e-03
## SPAC57A10.03	-2.699282e-03	1.089413e-03	-3.836611e-04	-2.988777e-03
## SPAC57A10.05c	-1.600404e-03	1.008407e-03	-1.303193e-03	3.154173e-04
## SPAC57A10.06	6.970286e-04	-6.739922e-05	-8.759427e-05	4.880748e-04
## SPAC57A10.07	2.565000e-03	2.260718e-03	4.186707e-03	9.225363e-04
## SPAC57A10.08c	-1.217512e-03	2.752517e-03	2.008931e-03	-3.543877e-04
## SPAC57A10.09c	2.095881e-03	3.286865e-03	9.056601e-03	-3.389343e-03
## SPAC57A10.12c	7.872270e-03	-2.679868e-03	-9.489309e-04	1.766258e-03
## SPAC20G8.04c	1.073562e-02	-6.030999e-03	4.026774e-03	2.763891e-03
## SPAC20G8.05c	1.102968e-03	8.467561e-03	-6.748618e-04	5.737397e-03
## SPAC20G8.06	1.250911e-02	-1.437667e-03	-6.192495e-03	-1.610826e-02
## SPAC20G8.08c	4.074422e-04	-3.708725e-04	-1.334983e-03	3.183716e-03
## SPAC20G8.09c	1.117407e-02	1.046144e-02	-2.491712e-03	-1.148293e-02
## SPAC20G8.10c	-7.900522e-04	9.186465e-05	-7.192465e-05	-7.692127e-04
## SPAC3A12.04c	-8.516991e-04	1.441506e-03	-4.483880e-04	1.006428e-03
## SPAC3A12.19	4.027372e-04	-2.003543e-04	1.462997e-03	4.383717e-04
## SPAC3A12.07	-5.778263e-04	-4.871963e-03	-7.771752e-03	1.631071e-03
## SPNCRNA.741	1.750054e-04	1.942522e-04	-3.417673e-05	-2.277836e-04
## SPAC3A12.11c	-7.917958e-05	-3.637017e-03	-7.005534e-03	2.625241e-03
## SPAC3A12.14	7.431229e-03	2.149621e-03	1.452143e-03	1.916536e-03
## SPAC3A12.15	4.254728e-06	4.422838e-03	-4.479896e-03	-2.872016e-03
## SPSNORNA.48	-3.495107e-05	2.604639e-05	-2.219952e-05	2.869431e-05
## SPAC3A12.18	1.103626e-02	5.591011e-03	5.740261e-03	3.331082e-03

## SPAC9.03c	4.843537e-03	-8.633383e-03	6.258653e-04	-4.043961e-03
## SPAC9.05	-4.616642e-04	3.024900e-03	-1.440579e-04	-4.944410e-03
## SPAC9.06c	1.321864e-04	2.611724e-05	-2.722446e-05	-3.597569e-04
## SPAC9.08c	1.914490e-03	-1.131004e-03	-2.647191e-03	1.424294e-04
## SPAC9.09	1.529057e-02	2.140622e-02	-4.934901e-03	-5.016643e-02
## SPNCRNA.743	1.189524e-03	2.760761e-04	-1.146450e-03	1.741512e-03
## SPAC9.10	-2.835538e-04	2.529625e-03	-2.148365e-04	-2.096182e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	-1.621727e-03	-1.133477e-03	-3.021551e-03	7.489188e-04
## SPAC5D6.10c	-6.866021e-05	-4.105636e-05	-9.626621e-05	-9.210282e-05
## SPAC5D6.09c	1.315279e-03	4.023261e-03	-9.624041e-07	-2.732161e-03
## SPAC5D6.07c	1.489974e-03	-1.436568e-03	1.020023e-03	-4.682562e-04
## SPAC5D6.04	2.778046e-03	-1.283475e-04	1.197665e-03	8.468060e-04
## SPAC5D6.02c	-9.600005e-04	8.123141e-04	5.343217e-04	-1.173653e-05
## SPAC57A7.10c	-2.021443e-03	7.610598e-03	3.334152e-03	-1.318057e-04
## SPNCRNA.174	3.330376e-05	1.026976e-04	7.638817e-05	-1.156294e-04
## SPAC57A7.08	3.202283e-03	3.120503e-03	-4.115193e-04	-3.241073e-03
## SPAC57A7.06	1.307392e-03	3.924553e-03	-7.138959e-03	-1.291314e-02
## SPAC57A7.04c	-6.842063e-03	1.002939e-03	-2.558607e-03	-1.206461e-02
## SPAC167.07c	-4.028050e-03	3.454605e-03	-3.284158e-04	-3.415292e-03
## SPAC167.05	-1.319619e-03	-2.128661e-03	-2.744248e-03	1.903293e-03
## SPAC167.04	1.842894e-03	1.974719e-03	1.678554e-03	2.422609e-03
## SPAC167.09	4.526624e-04	9.906545e-04	-1.741028e-03	8.403793e-04
## SPAC167.08	8.807365e-05	-6.375319e-05	-1.022615e-04	-1.515053e-04
## SPAC1705.03c	-1.685973e-02	3.922236e-02	3.280536e-03	-7.832521e-03
## SPNCRNA.80	-8.926453e-05	-1.598268e-04	-6.014459e-05	-1.167076e-04
## SPNCRNA.745	4.652658e-05	1.995973e-04	-3.873740e-04	-4.467299e-04
## SPNCRNA.81	-3.548799e-06	6.095892e-06	-1.456184e-05	-3.162585e-06
## SPAC23H4.17c	-2.221443e-03	-2.300088e-04	6.744433e-04	-3.624180e-03
## SPAC23H4.16c	-8.078494e-04	2.709680e-03	-3.162427e-03	-8.391577e-04
## SPAC23H4.15	-6.113004e-03	1.113833e-02	-6.044021e-03	-4.126964e-03
## SPAC23H4.21	1.083683e-03	-2.479684e-05	1.692911e-03	-2.209378e-04
## SPAC23H4.13c	5.132511e-04	-1.659565e-03	-3.548878e-04	1.332902e-03
## SPAC23H4.12	-3.213260e-03	-7.831739e-04	7.244755e-04	2.027309e-03
## SPAC23H4.08	-2.147629e-03	8.875901e-04	1.427337e-04	2.888322e-03
## SPAC23H4.07c	-3.635306e-03	-2.870211e-04	-5.409471e-03	-1.520647e-03
## SPAC23H4.05c	-1.225539e-04	-6.072679e-04	1.323010e-04	-4.462380e-04
## SPNCRNA.746	5.599520e-04	-2.297643e-04	-4.916130e-05	5.695776e-04
## SPAC23H4.04	-2.657521e-04	-6.792499e-04	-5.621957e-03	-4.274033e-03
## SPATRNATHR.01	2.380849e-04	-7.207739e-03	7.343256e-03	-9.464675e-03
## SPNCRNA.747	2.865858e-04	1.428122e-04	-4.385061e-04	7.167067e-04
## SPAP27G11.03	-9.885908e-04	-1.750057e-03	-2.304112e-03	6.295446e-04
## SPAP27G11.05c	3.255783e-03	-3.145198e-03	-6.016886e-03	-5.902364e-04
## SPNCRNA.749	-3.238467e-04	9.800243e-04	-2.269230e-05	-6.758665e-04
## SPAP27G11.09c	2.376143e-03	-1.807743e-03	-4.524508e-03	-3.364432e-03
## SPAP27G11.14c	-3.664886e-03	-1.025687e-03	-5.672005e-03	-2.092674e-03
## SPAP27G11.15	-5.680937e-04	-9.542791e-04	3.994719e-04	5.213446e-04
## SPAC343.01c	-6.409063e-03	2.772641e-03	-4.575708e-03	6.241085e-04
## SPAC343.03	4.759402e-04	1.493028e-03	-5.653989e-04	1.510959e-03
## SPAC343.04c	6.727460e-03	1.398861e-03	1.255525e-03	5.554119e-05
## SPAC343.05	-1.586429e-02	4.008411e-04	3.484416e-03	4.830530e-03
## SPAC343.08c	-3.952758e-03	4.104816e-03	1.426259e-03	9.938605e-04
## SPAC343.07	3.717320e-04	-1.887671e-04	1.626339e-04	1.803664e-04
## SPNCRNA.752	-7.081566e-04	2.704262e-04	3.110337e-04	1.051589e-03

## SPAC343.10	1.910639e-03	-9.282480e-03	-1.415886e-03	-7.571327e-03
## SPAC343.11c	-2.980562e-03	6.576846e-04	2.494239e-03	-2.848966e-03
## SPAC343.20	-3.434892e-03	3.532833e-03	6.191488e-03	5.229178e-03
## SPAC343.17c	1.221101e-03	2.174293e-03	-1.710068e-03	-5.516399e-03
## SPAC343.15	1.332076e-03	-6.107800e-04	-1.916066e-03	1.913394e-03
## SPNCRNA.754	2.317209e-06	3.595841e-06	1.793182e-06	1.274143e-05
## SPAC824.04	7.533327e-05	4.240306e-03	-6.338641e-04	-1.284659e-03
## SPAC824.05	3.142953e-03	-2.807875e-03	-2.053497e-03	2.334988e-03
## SPAC824.07	4.492760e-03	3.754842e-03	1.507697e-03	7.862225e-04
## SPAC824.08	-2.957110e-04	2.017391e-03	3.791242e-04	-2.814630e-03
## SPATRNLALS.01	1.395538e-03	4.166616e-04	6.091345e-03	-3.980913e-03
## SPAC664.03	2.141958e-03	-5.408372e-03	-6.544376e-03	1.978553e-03
## SPAC664.04c	6.053356e-03	-3.771111e-03	-5.446619e-03	-7.235199e-03
## SPAC664.07c	5.779591e-04	-2.234617e-03	-1.000089e-03	8.896968e-05
## SPAC664.08c	1.816914e-03	-3.921364e-04	-3.584022e-03	-2.127036e-03
## SPAC664.09	3.978647e-03	-2.845835e-03	2.101771e-03	-4.556400e-03
## SPAC664.10	4.950374e-03	2.441433e-03	4.660239e-04	-1.475844e-03
## SPAC664.11	-2.836641e-02	5.660189e-02	1.012887e-02	-9.920357e-03
## SPAC664.12c	-1.982274e-04	-6.912922e-04	-1.545482e-03	5.649672e-04
## SPAC664.14	9.699176e-03	5.795551e-03	-6.247022e-03	9.567258e-04
## SPNCRNA.758	2.855914e-05	4.489849e-05	-1.160890e-04	1.240270e-04
## SPACUNK12.02c	-4.189393e-04	8.422322e-05	-8.214795e-04	4.592887e-04
## SPAC105.01c	-4.397732e-04	2.034500e-03	-6.970997e-04	7.991850e-04
## SPAC17A5.18c	1.036985e-03	-3.275527e-05	-1.194765e-04	-8.937876e-04
## SPAC17A5.02c	1.325082e-03	-1.270571e-03	6.320406e-04	4.944904e-04
## SPAC17A5.03	-9.475472e-03	1.747376e-02	1.204431e-02	4.228080e-04
## SPAC17A5.04c	4.000177e-03	2.661922e-04	-3.395185e-03	1.949551e-03
## SPAC17A5.19	4.684343e-04	6.625074e-04	1.082431e-04	2.005659e-04
## SPAC17A5.06	7.166939e-04	8.674948e-03	-3.574547e-04	-4.887027e-03
## SPAC17A5.08	-6.748541e-04	2.715875e-03	2.793731e-03	-2.530602e-03
## SPAC17A5.10	-9.061023e-04	1.079816e-03	3.237283e-04	-8.951670e-04
## SPAC17A5.11	-5.194321e-05	6.392485e-04	-1.409013e-03	5.080575e-04
## SPAC17A5.12	-1.558307e-03	1.787013e-03	-2.427347e-03	-8.438817e-04
## SPAC17A5.14	2.268955e-03	-2.137892e-03	-4.996882e-03	1.021745e-02
## SPAC17A5.16	-1.796653e-03	2.147907e-04	3.278808e-03	5.129926e-03
## SPAC1610.01	1.018409e-03	6.476363e-04	-3.127105e-03	-2.346680e-03
## SPAC1610.02c	-3.365526e-04	1.297871e-03	6.163237e-04	6.216693e-04
## SPAC1610.03c	2.696461e-04	-6.497773e-04	4.184262e-04	1.985377e-04
## SPAC1610.04	-1.023525e-03	-3.321778e-03	-2.404373e-03	-1.553921e-03
## SPAC1002.02	1.433340e-04	4.392850e-04	3.456686e-04	1.499315e-03
## SPAC1002.03c	7.005808e-03	1.821228e-03	-3.536619e-03	-1.481794e-02
## SPAC1002.04c	-8.021167e-04	-6.627890e-04	-4.670336e-03	2.610266e-03
## SPAC1002.05c	-3.601724e-04	-1.418429e-03	-3.744005e-03	-6.948521e-05
## SPAC1002.09c	2.845489e-02	8.813912e-03	-1.342994e-02	2.931046e-03
## SPAC1002.12c	-3.171686e-03	-1.481517e-03	-1.172384e-03	8.188297e-03
## SPAC1002.20	9.769542e-04	3.036514e-04	1.729499e-03	-7.270806e-04
## SPAC1002.19	3.993834e-02	-4.231794e-02	2.522542e-02	3.684885e-02
## SPAC1399.04c	2.645312e-04	-1.479434e-03	-9.595663e-04	-6.338006e-05
## SPAC1399.03	-1.453789e-03	-1.050363e-03	2.773185e-04	-4.237112e-03
## SPAC1399.01c	-9.013813e-05	-6.205716e-04	-1.554468e-03	-8.643429e-04
## SPAP11E10.02c	3.335965e-04	9.686573e-04	-8.112161e-04	2.559686e-04
## SPAPB1A10.02	-1.905081e-04	3.486266e-04	-1.615582e-03	1.178107e-03
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	-4.710193e-04	5.202329e-04	4.944794e-03	-2.339316e-03

## SPAPB1A10.07c	1.597237e-03	-9.079513e-04	-1.821721e-03	-1.873078e-03
## SPNCRNA.767	2.847388e-04	1.729843e-03	3.707807e-04	-4.927440e-04
## SPNCRNA.768	-3.572792e-04	-2.079764e-04	-2.336152e-04	1.155235e-04
## SPAPB1A10.08	1.629709e-04	1.492540e-04	-1.077015e-03	2.585949e-03
## SPAPB1A10.10c	1.343223e-03	2.048002e-03	-2.599597e-03	-1.953426e-03
## SPAPB1A10.11c	-3.983583e-03	2.094736e-03	-2.587497e-03	-3.081872e-03
## SPAPB1A10.12c	1.635439e-04	5.440672e-03	1.985350e-03	7.132331e-05
## SPNCRNA.769	-9.500394e-04	-8.824012e-04	-7.671635e-04	1.630642e-04
## SPNCRNA.770	-4.718840e-04	3.947364e-05	-3.974076e-04	-3.266064e-04
## SPAC140.02	2.570085e-02	3.917362e-02	-5.046598e-02	3.260396e-02
## SPNCRNA.771	4.599239e-04	-1.621025e-04	-8.874325e-04	-9.793249e-04
## SPAC140.04	7.968455e-04	2.255308e-04	-1.007732e-03	1.606967e-04
## SPAC110.02	-2.218895e-03	4.735594e-03	-4.043709e-03	-3.612896e-03
## SPNCRNA.773	-2.349001e-04	1.122110e-04	-8.627897e-05	-5.770899e-04
## SPAC110.04c	-1.487913e-02	1.271957e-02	-4.520535e-03	7.394434e-03
## SPAP14E8.02	-4.656700e-03	1.065412e-02	-2.894151e-03	5.386098e-03
## SPAP14E8.03	-6.606792e-04	-2.011929e-03	-4.489191e-03	-1.811361e-03
## SPAP14E8.04	-4.207593e-04	-1.131523e-03	-8.566455e-04	1.378399e-03
## SPAP14E8.05c	2.003729e-03	1.963001e-03	2.641466e-03	-2.101952e-03
## SPAC3H1.03	-1.533088e-03	9.654501e-04	-1.477880e-03	-5.078339e-04
## SPNCRNA.775	1.657873e-04	2.495839e-04	2.058911e-04	8.816567e-05
## SPAC3H1.08c	2.668612e-03	1.325415e-03	-1.965289e-03	-1.031508e-03
## SPNCRNA.776	-3.474457e-04	-2.216333e-05	7.431703e-05	-1.437182e-04
## SPAC3H1.10	4.714616e-04	-4.822899e-04	-2.814971e-03	-1.979378e-03
## SPNCRNA.778	6.415326e-05	-1.955764e-04	-1.027343e-03	-1.072704e-03
## SPNCRNA.779	6.148939e-04	-7.827864e-05	7.839674e-04	6.911008e-04
## SPNCRNA.780	7.462843e-04	-9.370484e-04	-7.508484e-04	1.746332e-03
## SPNCRNA.782	-3.141339e-04	7.159502e-04	-1.068331e-03	5.872077e-04
## SPAC3H1.11	-4.689198e-03	8.860267e-03	-1.065067e-02	-7.518979e-03
## SPAC3H1.14	7.412531e-04	6.852332e-04	-1.491948e-03	-5.141203e-04
## SPAC9G1.05	-2.276688e-03	3.158978e-04	-7.502151e-06	-8.480441e-03
## SPAC9G1.06c	7.072571e-05	1.045095e-03	-2.607126e-03	4.324204e-04
## SPAC9G1.07	4.470337e-04	6.412681e-04	4.141115e-04	-1.512272e-03
## SPAC9G1.11c	3.495270e-03	-4.893375e-04	-7.390063e-03	4.170267e-04
## SPAC9G1.12	7.752908e-04	2.737213e-03	2.278570e-03	-5.016290e-03
## SPAC767.01c	8.054456e-03	-3.032438e-03	2.619627e-03	-1.515973e-02
## SPNCRNA.786	9.413164e-04	-9.094004e-04	-7.975018e-04	-6.953769e-04
## SPAC17H9.01	6.884167e-04	1.393678e-03	-1.870868e-03	-1.075257e-03
## SPAC17H9.05	7.027538e-04	-5.297969e-04	-9.647029e-03	3.088461e-03
## SPAC17H9.06c	-4.297512e-04	1.629464e-03	-3.047063e-03	1.290961e-03
## SPAC17H9.07	8.723931e-04	3.541581e-04	-4.612035e-03	-3.622500e-03
## SPAC17H9.08	-1.118115e-03	1.356779e-03	6.298987e-04	1.188490e-03
## SPAC17H9.11	-9.950786e-04	1.054785e-03	-2.910889e-03	-7.695942e-04
## SPNCRNA.788	-3.046965e-04	9.407158e-05	6.582220e-04	3.119820e-05
## SPAC17H9.18c	8.393454e-06	-5.313546e-05	-2.206660e-05	8.564169e-05
## SPAC17H9.19c	1.177593e-03	6.523692e-04	-1.250884e-04	-1.221907e-04
## SPAC607.02c	5.415601e-05	1.187042e-03	6.817645e-04	-6.150201e-04
## SPNCRNA.789	5.839940e-04	2.965937e-04	1.024580e-04	1.185739e-05
## SPAC607.07c	6.889247e-03	5.140775e-03	4.896475e-03	-2.709580e-03
## SPAC607.08c	9.524869e-04	4.811832e-03	1.712145e-03	-4.625742e-04
## SPNCRNA.186	9.179597e-05	5.856376e-05	3.514606e-05	2.062416e-04
## SPAC607.10	-7.356888e-04	-1.999450e-03	-5.385548e-03	5.501980e-03
## SPNCRNA.790	2.485706e-04	5.854127e-05	8.294214e-05	-3.404179e-06
## SPAC3C7.01c	1.738362e-03	-3.758880e-03	-6.674625e-03	1.325629e-03

## SPAC3C7.03c	2.437371e-04	3.351248e-04	-2.796969e-04	2.319613e-03
## SPAC3C7.04	-2.729044e-03	-2.614737e-03	-3.689581e-03	1.936037e-03
## SPAC3C7.05c	1.248181e-02	-3.373785e-03	3.706597e-03	-2.001669e-02
## SPAC3C7.06c	2.927124e-03	3.407016e-03	3.385670e-06	3.029228e-04
## SPAC3C7.07c	5.037421e-04	9.859801e-06	-2.787144e-03	2.658393e-04
## SPAC3C7.10	6.705468e-05	2.136863e-03	-3.653630e-03	-3.437112e-03
## SPAC3C7.11c	1.738730e-03	-4.942199e-03	-3.606927e-03	2.406942e-02
## SPAC3C7.12	-1.285316e-03	1.233929e-03	-3.258968e-03	-1.422400e-04
## SPAC3C7.13c	-2.982011e-03	4.960873e-03	3.815436e-03	-1.059676e-03
## SPNCRNA.792	1.170672e-04	-2.340419e-05	-1.434659e-05	6.080209e-04
## SPAC3C7.14c	5.918962e-02	1.956992e-02	2.359751e-03	2.209700e-02
## SPAC25A8.01c	8.282192e-05	6.617718e-03	-1.115019e-03	1.826717e-03
## SPAC631.01c	1.319259e-03	6.203461e-04	2.062234e-03	3.736331e-04
## SPAC20H4.01	1.697657e-03	3.598941e-03	-4.036943e-05	-5.292805e-03
## SPNCRNA.795	-3.998428e-06	1.072762e-03	-2.551980e-04	-3.769527e-04
## SPAC20H4.05c	-5.376080e-04	1.255268e-03	-1.609296e-03	-2.661894e-03
## SPAC20H4.06c	1.638350e-03	-3.415635e-04	-3.967095e-03	-3.962447e-03
## SPAC20H4.07	1.678441e-03	1.180465e-03	-1.200956e-03	-2.157714e-03
## SPNCRNA.796	2.617913e-04	2.842175e-05	7.515663e-05	1.339301e-03
## SPAC20H4.11c	-4.361680e-04	2.828074e-04	-5.369343e-04	7.496071e-04
## SPAC23C11.02c	7.161204e-03	-1.461953e-02	-8.866498e-03	2.188817e-02
## SPAC23C11.06c	-9.364790e-03	5.888278e-03	-5.953885e-03	-1.283571e-03
## SPNCRNA.798	-1.684388e-03	-3.968063e-04	1.195675e-04	6.371542e-04
## SPAC23C11.07	-2.851219e-05	2.739444e-04	3.298217e-04	-4.917323e-05
## SPAC23C11.12	-4.886989e-04	-7.193237e-04	-4.020171e-04	6.689096e-05
## SPAC23C11.13c	-2.462074e-03	5.828278e-03	1.143267e-04	-6.540984e-03
## SPNCRNA.187	-8.221433e-05	3.343543e-06	-2.546936e-05	-7.849506e-05
## SPAC23C11.16	5.566563e-04	2.794628e-03	8.100118e-04	-1.037012e-03
## SPAC13F5.03c	-4.836775e-04	1.540161e-03	-2.973885e-04	-1.136752e-03
## SPAC13F5.04c	-8.522767e-04	6.285381e-07	-1.351289e-04	-1.147501e-04
## SPAC13F5.05	-2.062065e-03	-3.727250e-04	-1.012940e-03	-2.203259e-03
## SPAC1783.01	-3.183183e-03	-4.938867e-04	-3.603775e-03	1.384930e-03
## SPAC1783.03	1.397663e-03	1.662367e-03	1.374159e-04	-1.652219e-03
## SPAC1783.05	5.443155e-03	5.896623e-03	-2.943473e-03	4.227890e-03
## SPAC18G6.03	-3.481315e-04	-3.755371e-03	1.553260e-04	-2.439818e-03
## SPNCRNA.805	-8.586787e-05	8.622938e-05	7.126369e-05	2.785382e-05
## SPNCRNA.188	-2.080158e-04	8.068993e-06	-1.815110e-04	-1.570144e-04
## SPAC18G6.15	1.350210e-03	3.376904e-03	5.311002e-05	-3.437277e-03
## SPAC13D6.01	-1.227855e-03	-9.799094e-04	7.518019e-04	-7.205277e-04
## SPNCRNA.807	1.464253e-04	-8.493046e-04	-2.038448e-03	1.892037e-03
## SPAC13D6.03c	-2.262014e-03	3.801321e-03	-2.460218e-03	-1.265326e-03
## SPAC4G9.04c	-4.041178e-04	2.897494e-05	7.101094e-04	1.904817e-03
## SPAC4G9.03	-2.672454e-03	-1.391734e-02	-2.158276e-03	3.601196e-03
## SPAC4G9.05	4.888384e-04	-2.132905e-04	-1.015149e-03	3.484367e-04
## SPAC4G9.06c	2.102827e-03	8.141834e-03	7.933562e-05	-7.726642e-04
## SPNCRNA.808	9.086653e-05	-5.825596e-05	-8.413858e-04	1.443963e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	3.206611e-03	5.225002e-03	7.490892e-03	5.192952e-03
## SPAC4G9.10	1.618337e-03	3.488154e-03	-3.294919e-03	2.326703e-03
## SPAC4G9.11c	3.472896e-03	8.558305e-04	1.169604e-03	2.939251e-03
## SPAC4G9.12	5.854964e-03	-7.185870e-04	1.431566e-04	2.786294e-04
## SPAC4G9.14	-1.515295e-03	-6.213052e-04	-1.386479e-03	-3.212974e-03
## SPAC4G9.15	-4.106094e-03	2.147296e-03	-3.996724e-03	-4.436466e-03
## SPNCRNA.809	6.369539e-05	-1.207141e-04	1.800359e-04	6.098294e-04

## SPAC4G9.19	-8.328052e-05	-5.325256e-04	-4.026295e-04	6.946594e-04
## SPAC4G9.20c	1.491509e-03	-7.941524e-04	-3.044239e-03	1.976139e-04
## SPNCRNA.810	9.944459e-04	5.725692e-04	2.264082e-04	6.384802e-04
## SPAC13G7.01c	2.824871e-03	-1.185957e-03	-3.826299e-03	-6.786305e-03
## SPAC13G7.02c	-9.354648e-03	-9.084778e-03	3.391144e-02	-7.704783e-02
## SPAC13G7.03	7.121004e-04	4.869302e-04	-1.788927e-04	1.050541e-03
## SPAC13G7.04c	-3.094589e-03	4.395501e-03	2.115269e-03	-1.398327e-03
## SPAC13G7.05	3.445889e-03	1.771863e-03	4.614425e-03	1.707541e-03
## SPAC13G7.06	1.224141e-02	7.634501e-04	5.544005e-03	-1.111317e-03
## SPAC13G7.10	6.533161e-04	2.212515e-03	-1.409231e-03	-7.465304e-04
## SPAC13G7.12c	1.145090e-03	-3.244855e-03	1.001529e-03	4.028802e-04
## SPAC13G7.13c	6.997025e-04	2.151068e-03	7.535936e-04	-7.380891e-04
## SPNCRNA.812	-1.959039e-03	1.309711e-03	-1.821016e-03	2.890517e-03
## SPNCRNA.813	6.928128e-04	-1.713969e-03	5.225392e-04	3.865801e-04
## SPAC6C3.03c	1.759548e-04	3.152484e-04	-2.180214e-04	-3.015001e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	4.720233e-04	-5.971786e-04	-1.176561e-03	3.008234e-04
## SPNCRNA.815	-7.350048e-04	-1.099330e-03	-2.112403e-04	5.920565e-04
## SPAC6C3.08	-1.735363e-04	-1.312100e-03	-2.705946e-03	2.398643e-03
## SPAC6C3.09	-1.079595e-04	-4.252521e-03	2.407189e-04	2.191776e-05
## SPNCRNA.816	2.557251e-04	-1.990741e-04	-1.885069e-04	-1.145619e-03
## SPAC17G8.03c	5.548745e-04	-1.234767e-03	-2.337283e-03	-6.265774e-04
## SPAC17G8.15	-9.488726e-04	1.374247e-03	4.255750e-04	2.546593e-04
## SPAC17G8.04c	-3.168432e-03	3.222898e-03	-3.718016e-03	7.265699e-03
## SPAC17G8.06c	2.316277e-02	5.190250e-02	1.880142e-02	-4.394406e-02
## SPAC17G8.08c	2.558095e-03	6.209074e-03	-7.442215e-03	-3.864772e-03
## SPAC17G8.11c	9.138942e-04	-3.412040e-04	-1.319734e-03	2.239187e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	-5.945215e-04	2.063940e-03	1.506899e-03	-2.038629e-03
## SPAC17G8.14c	2.104932e-03	-1.225310e-03	-2.073487e-03	-3.936840e-04
## SPNCRNA.818	1.209955e-04	1.244878e-04	-8.534181e-05	-5.337655e-05
## SPAC22H10.02	7.611100e-05	6.806844e-04	2.108669e-03	-4.117517e-05
## SPNCRNA.820	-1.532602e-05	1.104063e-04	7.626947e-05	-2.656002e-04
## SPAC22H10.04	5.684875e-04	4.098080e-03	-1.242620e-03	1.714784e-03
## SPAC22H10.05c	-2.607296e-03	4.334179e-03	-1.906232e-03	2.323222e-03
## SPAC22H10.06c	-2.397523e-05	-1.235289e-04	1.480032e-05	-3.834139e-05
## SPAC22H10.07	-1.944618e-04	1.638786e-03	-4.619851e-04	-3.504034e-03
## SPAC22H10.08	-2.218998e-03	3.750393e-04	-2.308994e-03	-6.722359e-03
## SPAC22H10.11c	1.287744e-04	-1.748426e-03	-8.426832e-05	-4.186346e-03
## SPAC22H10.12c	3.042397e-04	-3.852489e-03	1.951981e-03	4.414351e-03
## SPAC15F9.01c	8.375453e-05	1.066139e-04	3.831219e-04	2.050199e-04
## SPNCRNA.822	-1.097161e-04	8.361472e-05	-3.951559e-05	-1.872890e-04
## SPNCRNA.193	-1.192468e-06	4.098393e-05	-2.007424e-05	3.354691e-05
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	-6.367845e-04	7.012249e-03	4.006599e-03	-4.784407e-03
## SPAC6B12.04c	1.569811e-04	1.548186e-03	1.330814e-04	5.106228e-03
## SPNCRNA.824	3.450158e-04	1.514472e-04	2.837213e-04	-1.250184e-03
## SPAC6B12.05c	3.572604e-03	9.935620e-04	-1.377434e-03	-3.488852e-03
## SPAC6B12.06c	-2.741894e-04	-1.366079e-03	3.985405e-05	2.387308e-05
## SPNCRNA.194	1.998516e-05	5.865784e-05	-6.721031e-05	-3.819478e-05
## SPNCRNA.825	5.266604e-04	-1.001276e-04	-4.176122e-04	7.944790e-04

## SPAC6B12.19	7.391653e-04	2.750953e-04	-4.028025e-04	9.881636e-04
## SPAC6B12.09	9.105063e-04	2.290267e-03	-5.346552e-04	1.751879e-03
## SPAC6B12.10c	1.485271e-04	-1.973381e-03	1.281232e-03	2.651237e-03
## SPAC6B12.11	6.017228e-04	-8.330625e-05	4.854884e-04	4.493302e-05
## SPNCRNA.43	1.811265e-05	9.946841e-07	-4.927271e-06	-1.541147e-04
## SPATRNATHR.02	1.799944e-05	-7.197844e-03	2.587554e-03	6.416151e-03
## SPAC6B12.12	3.564354e-03	9.481833e-03	1.006372e-02	3.399333e-03
## SPAC6B12.14c	-3.709835e-05	1.126025e-03	-7.656967e-05	1.950273e-03
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	-1.569127e-05	2.158621e-05	-3.635460e-05	9.101824e-05
## SPAC6B12.16	-2.427108e-04	2.254833e-04	2.157943e-04	1.120313e-04
## SPNCRNA.827	-6.746868e-04	-1.048642e-03	1.825361e-04	2.619879e-04
## SPAC32A11.04c	-3.552309e-04	8.579054e-03	-5.930855e-03	-9.881876e-03
## SPAC32A11.01	8.527475e-04	6.079858e-03	-2.163256e-04	1.562625e-03
## SPAC32A11.03c	1.531010e-03	3.793333e-03	-6.086206e-03	-6.467377e-04
## SPAC19A8.15	3.847521e-03	9.585516e-03	-1.813924e-02	-8.725254e-04
## SPAC19A8.14	-3.257954e-03	-4.353054e-03	-1.928492e-03	-2.355544e-03
## SPAC19A8.16	3.814258e-03	2.994723e-03	-2.560957e-03	-9.116596e-03
## SPAC19A8.06	1.680455e-03	2.758834e-03	-2.333059e-03	2.527441e-03
## SPAC23H3.02c	4.471675e-06	4.596839e-03	1.300600e-03	6.413249e-04
## SPAC23H3.03c	-2.076283e-04	7.581564e-04	-2.273168e-03	5.083494e-03
## SPNCRNA.558	-1.997585e-06	8.633540e-06	5.227734e-05	-4.157907e-06
## SPNCRNA.830	3.699592e-04	4.204080e-04	-2.634572e-04	1.282739e-04
## SPAC23H3.07c	-4.665572e-03	9.274686e-04	-2.058151e-03	-2.284054e-03
## SPAC23H3.09c	1.528232e-02	6.955775e-03	-1.540423e-02	1.006626e-02
## SPATRNACYS.02	-4.373038e-03	4.166359e-03	2.357898e-03	-1.869868e-03
## SPAC23H3.10	-1.309525e-03	-1.442627e-03	-4.123930e-03	-2.401922e-03
## SPAC23H3.11c	-1.024587e-03	9.504754e-04	1.687392e-03	1.306927e-04
## SPAC23H3.12c	-1.389738e-03	1.039869e-03	-1.972328e-04	-8.597471e-04
## SPAC23H3.14	-1.324153e-03	-1.923692e-03	9.538797e-05	-2.293633e-03
## SPNCRNA.832	6.065702e-05	4.459048e-04	1.769528e-04	7.043271e-04
## SPAC25H1.02	-3.059750e-03	3.809542e-03	4.387086e-04	1.123657e-03
## SPAC25H1.03	1.465471e-03	4.678038e-04	4.929846e-03	1.680185e-03
## SPAC25H1.10c	3.909220e-03	-1.619797e-03	2.158463e-03	-1.671354e-03
## SPAC25H1.09	5.120047e-04	8.242805e-05	1.279433e-04	-5.433412e-04
## SPAC4A8.02c	2.184804e-03	4.917869e-03	-1.182153e-04	-1.673712e-03
## SPAC4A8.03c	2.386378e-03	4.787881e-03	1.551617e-03	-2.346345e-04
## SPNCRNA.834	-4.394732e-05	1.710124e-04	-1.336681e-03	-5.014017e-04
## SPNCRNA.835	-1.592848e-04	-4.596860e-05	-3.255947e-05	-7.591631e-05
## SPAC4A8.06c	4.938972e-03	-1.962241e-03	-5.199608e-03	-1.320735e-03
## SPAC4A8.09c	-8.590124e-04	4.506961e-04	1.036932e-03	-3.038494e-03
## SPAC4A8.11c	-4.760699e-02	2.155954e-02	1.597332e-02	4.127371e-02
## SPAC4A8.13c	7.161446e-03	7.192106e-03	-1.082898e-02	6.260925e-03
## SPAC4A8.15c	-3.257139e-03	4.084601e-03	1.062579e-02	2.908280e-03
## SPAC4A8.16c	-2.136269e-03	-2.325294e-02	1.438416e-03	-7.664387e-03
## SPNCRNA.840	-6.888521e-04	8.161440e-05	2.658940e-03	-7.349247e-04
## SPAC823.02	-1.722106e-03	-1.149591e-03	-1.111245e-03	4.107337e-03
## SPAC823.04	3.206205e-03	1.145126e-03	-2.893935e-03	-2.744784e-03
## SPAC823.05c	2.902935e-03	2.844989e-03	-4.265054e-03	5.454879e-04
## SPAC823.06	-4.434896e-04	-3.842621e-04	-6.475959e-04	-1.278414e-03
## SPAC823.08c	2.235801e-03	2.008769e-04	-2.462768e-03	-7.552446e-04
## SPAC823.09c	1.214357e-03	-1.340699e-03	-1.952160e-03	-2.353739e-04
## SPAC823.10c	4.930977e-04	-4.930104e-04	-2.691482e-06	1.567445e-03
## SPAC823.15	-1.440835e-03	-2.269273e-03	-1.841023e-04	-3.138950e-04

## SPAC7D4.13c	-6.777786e-04	1.841084e-03	-7.991093e-04	-1.238966e-03
## SPAC7D4.12c	1.793450e-03	8.460978e-05	4.146442e-03	2.659682e-04
## SPAC7D4.10	1.464343e-03	1.666931e-03	3.014273e-03	-5.871323e-04
## SPNCRNA.842	-2.029579e-04	-5.712168e-05	4.420065e-05	-1.389488e-04
## SPAC7D4.15c	6.584486e-04	1.479319e-03	1.930492e-04	5.199469e-04
## SPAC7D4.07c	2.008230e-02	4.124802e-04	-4.629125e-05	1.627774e-02
## SPSNORNA.12	-1.703108e-03	-5.718853e-03	2.014225e-02	-4.880243e-02
## SPAC7D4.05	-7.751219e-04	-2.655231e-03	-2.628520e-03	2.773510e-03
## SPAC7D4.02c	8.803884e-04	-3.107598e-05	-8.417649e-04	-8.395878e-05
## SPAC4F8.13c	-1.296550e-03	8.341848e-03	-3.406375e-03	-3.751429e-03
## SPAC4F8.11	3.772390e-03	-2.026752e-03	8.631017e-04	3.905921e-03
## SPAC4F8.08	6.675902e-05	-5.866274e-04	-2.347166e-04	1.495240e-04
## SPNCRNA.201	-8.960086e-05	1.276524e-04	-8.796159e-05	-1.175810e-04
## SPAC4F8.06	1.618138e-03	-1.898279e-03	1.280051e-04	-2.934999e-04
## SPAC4F8.05c	-2.579629e-04	2.557325e-03	1.587239e-04	1.507572e-03
## SPAC4F8.04	-7.468871e-03	-3.166129e-03	4.745090e-03	4.373680e-03
## SPAC644.06c	-3.158907e-03	9.442312e-04	-3.444946e-03	-1.293977e-03
## SPNCRNA.844	4.070622e-04	3.240473e-05	-1.392089e-04	-5.202746e-04
## SPATRNLALYS.04	-6.756484e-04	7.086254e-04	6.959258e-04	1.041155e-03
## SPAC644.07	2.058334e-03	7.184060e-04	5.167995e-03	-6.478549e-04
## SPAC644.09	2.044456e-03	5.733384e-03	-9.323367e-04	1.639624e-04
## SPAC644.10	-1.521821e-03	-1.004582e-03	-8.072657e-04	-1.433925e-04
## SPAC644.12	7.627293e-04	-1.857516e-03	-5.145464e-03	-4.264819e-03
## SPAC644.13c	-2.113887e-03	3.108164e-03	2.132709e-03	1.661220e-03
## SPAC644.17c	-2.062241e-03	-5.372661e-03	-3.729983e-03	-2.213249e-03
## SPNCRNA.198	6.599994e-05	-1.626033e-05	-9.926426e-05	3.328409e-06
## SPAC644.18c	-3.968914e-04	-1.290790e-03	5.886097e-05	7.098117e-04
## SPAPB2B4.01c	9.241966e-04	-1.323107e-03	-3.606574e-04	1.256864e-03
## SPSNORNA.54	1.358978e-04	7.631712e-03	8.199965e-03	4.474112e-02
## SPNCRNA.846	2.460595e-04	4.692222e-04	-9.655341e-05	-9.164670e-04
## SPAPB2B4.05	2.262405e-03	-6.109621e-04	-9.000482e-04	-3.077636e-04
## SPAPB2B4.06	-1.154509e-04	-1.879068e-03	-6.521719e-05	-6.216525e-04
## SPAPB2B4.07	-1.738521e-03	4.103797e-03	-2.021170e-03	-7.638145e-04
## SPAC6F6.01	-1.601925e-03	7.271341e-03	1.554772e-03	3.639559e-04
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-1.997944e-04	-1.407941e-05	5.742159e-05	-7.463947e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-2.981730e-06	-1.710456e-04	7.005081e-05	-5.359141e-05
## SPAC6F6.05	-2.396912e-03	3.348391e-03	4.622323e-03	9.981018e-03
## SPAC6F6.06c	3.191434e-03	2.162414e-03	-9.445764e-03	-8.360215e-04
## SPAC6F6.07c	-2.442219e-02	-2.688740e-02	-2.826436e-03	-5.799002e-03
## SPAC6F6.12	-3.240104e-04	2.072969e-03	4.482251e-04	-5.759721e-03
## SPNCRNA.850	1.717164e-04	3.298130e-05	3.896995e-04	-1.522117e-05
## SPNCRNA.851	-5.232932e-04	1.975737e-04	7.291007e-05	-8.935138e-04
## SPAC6F6.19	1.225033e-04	-1.114090e-04	1.176518e-03	-2.694601e-05
## SPAC6F6.15	1.838225e-04	-1.876497e-03	1.504426e-03	-2.905176e-03
## SPAC6F6.16c	1.133350e-04	6.214458e-06	-4.007706e-03	-1.957071e-03
## SPAC1805.01c	2.818727e-03	5.467479e-03	2.455619e-03	-7.542852e-03
## SPAC1805.02c	2.012688e-03	9.821308e-04	-6.442477e-03	-7.412770e-03
## SPAC1805.06c	4.109408e-03	6.722229e-03	1.278572e-02	-6.081735e-03
## SPNCRNA.853	1.861214e-04	-1.515802e-04	-3.115079e-04	-8.261540e-06
## SPAC1805.07c	-7.069353e-04	2.615950e-04	-5.486426e-04	3.750017e-05
## SPNCRNA.854	1.093005e-03	2.891833e-04	-2.820693e-03	2.233186e-03
## SPAC1805.08	7.767321e-04	-2.021306e-03	-7.908175e-05	7.386320e-04

## SPAC1805.18	4.204143e-04	-9.388429e-05	6.302796e-04	-5.666079e-04
## SPAC1805.09c	4.946938e-04	2.071671e-04	-1.747257e-03	8.713343e-04
## SPAC1805.10	-7.874539e-04	9.025746e-04	1.712984e-03	5.558358e-04
## SPAC1805.12c	1.169237e-02	2.804950e-03	-2.360273e-02	-2.271542e-02
## SPAC1805.13	-2.723302e-02	2.220137e-03	2.030109e-02	4.340966e-03
## SPATRNALEU.02	-1.893211e-03	-1.084915e-02	8.822893e-03	-1.565660e-02
## SPAC1B2.02c	-1.147800e-03	-5.188199e-03	-6.967873e-03	-3.567883e-03
## SPAC1B2.03c	-1.680952e-02	3.363576e-04	-4.539945e-03	1.342033e-02
## SPAC1B2.04	6.392066e-03	-6.630756e-03	3.537519e-03	3.036743e-03
## SPAC1B2.05	1.702333e-03	3.221212e-03	-7.648399e-03	-3.345665e-03
## SPAC3F10.03	-1.145980e-02	1.749435e-02	7.082205e-04	-5.074692e-03
## SPAC3F10.04	-1.813674e-03	-2.199958e-04	-1.487431e-03	-3.955655e-04
## SPAC3F10.06c	4.162859e-04	-1.144146e-03	-2.705042e-04	-1.793298e-04
## SPNCRNA.855	1.899838e-04	9.513632e-05	2.659639e-04	1.355561e-04
## SPAC3F10.09	-1.346720e-03	-3.241266e-03	-7.740662e-03	6.203737e-03
## SPAC3F10.11c	5.141748e-05	2.027666e-03	9.707101e-03	1.816788e-03
## SPATRNNATHR.03	-2.833903e-03	-1.056248e-02	6.608427e-03	-6.881101e-03
## SPAC3F10.15c	-8.508293e-04	4.450045e-03	1.057471e-03	5.894995e-03
## SPAC3F10.13	-2.662834e-03	2.708273e-03	1.071300e-03	-6.792081e-05
## SPAC3F10.16c	-3.649629e-03	-7.029612e-03	2.328540e-03	3.398894e-03
## SPAC3F10.17	3.399243e-03	2.223680e-03	-4.489538e-03	-3.369543e-03
## SPAC3F10.18c	-3.264739e-03	2.852598e-02	-2.004461e-02	4.044684e-02
## SPAC8F11.03	7.097232e-04	1.698344e-03	-1.293224e-03	-9.151400e-04
## SPNCRNA.856	-4.039188e-06	1.339576e-04	-2.584542e-04	2.645920e-04
## SPAC8F11.04	3.690943e-03	-3.482497e-03	-9.908128e-03	-8.271634e-03
## SPAC8F11.08c	-1.869600e-02	-6.379823e-03	7.325504e-03	2.762779e-03
## SPAC8F11.09c	-2.187297e-03	-2.208070e-03	-1.389543e-03	1.439690e-03
## SPNCRNA.857	3.256690e-04	-1.920489e-04	-4.871736e-04	-2.840040e-04
## SPACUNK4.17	-1.103397e-01	9.197388e-02	-2.490657e-02	2.717659e-02
## SPACUNK4.19	7.189479e-06	7.416675e-04	8.434869e-04	1.394309e-04
## SPACUNK4.16c	-1.959408e-02	2.485009e-03	-7.014055e-03	3.011147e-03
## SPACUNK4.15	4.118655e-03	2.775447e-04	1.189093e-03	4.640441e-03
## SPACUNK4.14	2.130016e-03	1.329992e-04	-1.135801e-03	-1.104028e-03
## SPNCRNA.56	-2.346798e-04	3.780134e-04	-4.961950e-04	5.686096e-05
## SPACUNK4.12c	-1.755689e-03	5.421161e-03	1.051879e-02	-5.660543e-03
## SPACUNK4.11c	-5.849802e-04	-1.356791e-04	-2.213459e-03	-2.530661e-03
## SPACUNK4.20	1.078199e-03	-5.185503e-04	3.278798e-04	1.622536e-03
## SPACUNK4.09	1.050031e-04	5.174200e-04	-2.337718e-03	2.367176e-03
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	3.604322e-03	4.620562e-03	-2.870069e-03	-3.808128e-03
## SPAPYUK71.03c	5.374165e-03	3.672963e-03	1.183900e-02	-3.402630e-03
## SPNCRNA.209	1.086392e-04	-1.290994e-04	-6.783410e-05	-2.155933e-04
## SPAC513.04	-1.006307e-04	-2.721589e-04	-1.626328e-04	-1.978474e-04
## SPAC513.06c	3.772617e-03	1.823786e-02	5.543691e-03	-1.039821e-02
## SPAC513.07	3.268502e-02	1.618797e-02	3.452030e-02	-1.386030e-02
## SPAC2E1P3.02c	-3.705371e-04	8.085155e-04	1.754322e-04	-3.362590e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	3.623568e-04	-6.935348e-06	-9.695266e-05	-1.796129e-04
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-4.580939e-03	9.043561e-03	-9.736667e-03	5.627512e-03
## SPNCRNA.861	-2.796761e-04	1.453504e-04	-1.299669e-03	-8.960615e-04
## SPNCRNA.862	-1.278674e-03	3.396772e-05	-1.923589e-03	-2.032570e-03
## SPNCRNA.863	1.803227e-03	6.861667e-03	-5.818180e-03	-1.000674e-03
## SPAPB24D3.01	1.117416e-03	2.942694e-04	-2.495920e-03	-2.959998e-03

## SPAPB24D3.02c	-7.404359e-04	1.413161e-03	-2.995253e-03	1.275239e-06
## SPAPB24D3.03	-2.400855e-03	2.717773e-03	-1.791720e-03	5.583046e-04
## SPAPB24D3.04c	6.954501e-04	4.043962e-04	4.738655e-04	4.171104e-04
## SPAPB24D3.07c	6.358888e-03	3.850339e-04	5.341702e-03	1.463010e-02
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	-4.162627e-03	-4.176653e-03	-1.462861e-03	-3.654584e-03
## SPAPB24D3.10c	2.270182e-04	-1.647729e-03	1.185551e-03	1.674047e-03
## SPNCRNA.867	-1.099950e-04	1.390941e-03	1.361207e-03	-1.055727e-03
## SPNCRNA.868	2.392602e-04	1.743868e-04	1.762054e-04	6.538239e-05
## SPNCRNA.869	1.161764e-04	-2.178729e-05	1.184442e-04	2.980474e-04
## SPAPB1A11.04c	1.376223e-03	3.419188e-03	-1.694684e-03	1.211899e-03
## SPAC31G5.02	5.147003e-03	1.268123e-03	8.078345e-04	2.143289e-03
## SPNCRNA.870	1.108495e-04	-1.143074e-04	1.272497e-04	1.719924e-04
## SPAC31G5.04	3.035779e-03	4.756933e-03	-1.246532e-02	-5.020556e-03
## SPAC31G5.06	-5.038868e-04	3.814684e-04	-8.523758e-04	7.569767e-04
## SPNCRNA.871	-2.339875e-06	2.743326e-05	-4.686761e-04	-2.400096e-04
## SPAC31G5.08	-2.700677e-03	1.402154e-03	-7.233267e-03	-8.243980e-03
## SPNCRNA.71	-3.946349e-04	-9.239859e-05	-3.568318e-04	3.266234e-04
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	-2.337003e-03	-5.552242e-04	1.204878e-04	2.723741e-04
## SPAC31G5.11	8.886138e-03	-5.760470e-03	-2.848635e-03	7.682348e-03
## SPAC31G5.21	-6.637330e-04	-3.962280e-04	-5.011462e-04	2.725217e-04
## SPNCRNA.874	-2.630117e-04	2.974229e-04	-1.773811e-05	4.238745e-04
## SPAC31G5.14	-4.859531e-03	1.817280e-03	-4.641224e-03	-3.665627e-03
## SPAC31G5.16c	4.095766e-03	-2.698689e-03	-4.286395e-04	-3.939009e-03
## SPAC31G5.18c	8.710171e-04	9.596409e-04	6.827246e-04	-1.505871e-03
## SPAC31G5.19	2.611083e-03	1.833813e-04	-3.298325e-03	-8.049041e-03
## SPNCRNA.876	-7.328593e-05	2.464399e-04	2.005446e-04	1.023499e-03
## SPNCRNA.877	-4.126475e-04	3.838291e-04	-4.093411e-05	2.816093e-04
## SPAC1786.02	1.486342e-03	-4.811260e-03	4.242116e-03	1.143100e-02
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	3.950328e-04	-2.095082e-03	2.846000e-03	-1.257409e-03
## SPAC24C9.02c	1.335068e-03	1.905717e-04	-6.015572e-03	2.763942e-04
## SPAC24C9.04	-2.044316e-03	2.979201e-03	-1.448088e-03	-1.238853e-03
## SPAC24C9.05c	-3.331776e-03	-1.739293e-04	6.011932e-03	-4.636019e-03
## SPAC24C9.07c	4.422577e-04	1.018370e-03	-2.088606e-04	-1.216032e-03
## SPNCRNA.881	-2.352512e-05	3.395563e-04	-2.709141e-05	8.823151e-04
## SPNCRNA.882	-1.613148e-04	1.727195e-04	-1.232075e-04	-1.582407e-05
## SPAC24C9.08	4.527610e-04	8.065662e-03	-2.122290e-03	-1.218815e-03
## SPAC24C9.10c	7.068394e-06	2.950301e-04	3.049405e-04	2.641532e-03
## SPAC24C9.11	1.930246e-03	-5.480631e-03	-4.226228e-03	-3.622657e-03
## SPAC24C9.12c	-2.981158e-03	-1.785443e-03	-4.500476e-03	-6.366277e-03
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	8.113541e-04	-1.873580e-04	-1.914601e-03	1.453940e-03
## SPNCRNA.884	8.902317e-05	1.057482e-04	6.547999e-06	-1.704281e-04
## SPATRNALYS.05	7.108169e-04	-5.525195e-04	-6.130359e-06	2.303729e-03
## SPAC16A10.05c	-6.839928e-04	3.469904e-03	9.437638e-04	-1.427860e-03
## SPAC16A10.06c	-9.380168e-05	1.022926e-03	-1.261477e-03	-4.108959e-05
## SPAC16A10.07c	-5.866018e-04	2.488564e-03	-3.798975e-03	-6.886606e-03
## SPNCRNA.885	-1.418587e-03	1.206642e-03	-1.337757e-03	-2.331012e-04
## SPAC16A10.08c	-7.710012e-05	2.441928e-04	-3.019052e-04	-2.405912e-04
## SPAC589.03c	-9.966410e-04	-9.383349e-04	-9.055749e-04	1.805665e-03
## SPAC589.06c	-1.067145e-02	1.651327e-02	-3.424642e-03	6.698630e-03
## SPAC589.08c	5.828633e-04	1.192747e-04	-4.315939e-04	4.769046e-05

## SPAC589.11	3.636852e-04	4.563605e-04	-2.400937e-04	-9.242643e-04
## SPAC688.02c	2.705051e-03	-7.391013e-04	-1.084631e-03	-1.113106e-03
## SPAC688.06c	1.227700e-04	2.610604e-04	6.646213e-04	-3.980787e-04
## SPAC688.07c	-4.378597e-03	3.130396e-03	-6.567326e-03	3.501572e-03
## SPAC688.08	-2.138966e-03	7.793873e-03	-1.784377e-03	-2.520110e-03
## SPAC688.09	1.328883e-03	-8.487921e-04	-3.847323e-04	-3.406263e-03
## SPNCRNA.888	-4.455923e-04	3.041443e-04	-1.350032e-03	-6.551329e-04
## SPNCRNA.889	4.989844e-04	6.951058e-04	1.089591e-04	1.436177e-03
## SPAC688.13	2.520105e-03	-3.478383e-05	5.385439e-04	5.662584e-05
## SPNCRNA.890	-1.634581e-04	-3.833246e-04	-6.957774e-04	1.235212e-03
## SPAC688.14	-9.028145e-04	-8.293888e-04	-8.705300e-04	-1.431158e-03
## SPAC688.16	2.516795e-04	2.256148e-03	6.118995e-04	2.753280e-03
## SPNCRNA.891	5.294746e-04	9.171626e-04	1.924607e-04	-4.465093e-04
## SPAC3G9.15c	-8.448236e-04	1.281192e-05	5.007556e-04	-3.133655e-03
## SPNCRNA.216	5.116377e-06	4.239611e-05	1.600626e-05	5.425994e-05
## SPAC3G9.13c	-3.177659e-03	-1.776027e-03	-1.789250e-04	-7.935300e-05
## SPNCRNA.217	-2.331885e-05	-1.285178e-06	1.844761e-04	-4.761362e-05
## SPAC3G9.11c	-1.017531e-04	-2.111877e-04	-4.478038e-05	7.532740e-05
## SPAC3G9.17	-2.408057e-04	1.017243e-03	7.302915e-04	-7.215479e-04
## SPATRNNATHR.04	-3.722320e-03	1.502137e-02	4.936493e-02	-2.971154e-02
## SPNCRNA.218	-3.239057e-04	7.679193e-04	7.717260e-04	2.289755e-04
## SPNCRNA.892	1.400235e-04	-6.576605e-05	-1.704189e-04	5.015619e-04
## SPAC3G9.09c	1.464154e-02	1.969751e-03	-7.155972e-03	-7.217333e-03
## SPAC3G9.07c	3.198353e-03	-5.501268e-04	-2.757567e-04	-5.698691e-04
## SPAC3G9.06	7.664368e-04	4.998232e-03	5.185142e-03	-6.740945e-03
## SPAC3G9.03	1.362342e-02	2.917622e-02	-4.701152e-02	-1.843057e-04
## SPAC3G9.01	1.115741e-03	1.044166e-03	-2.158022e-04	-1.777924e-03
## SPAC1486.01	3.890546e-03	-1.205367e-03	-2.597407e-04	-3.197292e-03
## SPAC1486.05	1.640802e-02	1.229959e-02	-1.810738e-02	-1.037442e-04
## SPNCRNA.894	3.077519e-04	-2.843678e-04	-6.735259e-04	-4.977600e-05
## SPAC1486.11	1.342344e-03	-3.662142e-04	-2.307470e-03	3.135515e-04
## SPAC1486.07c	-1.339816e-03	-1.413561e-03	-1.431798e-03	1.930296e-06
## SPAC1486.08	-3.171681e-03	3.638267e-03	-3.721037e-03	5.656807e-04
## SPAC1486.10	-1.398259e-05	-2.790068e-03	-1.742804e-03	-8.494283e-04
## SPAC6G10.02c	-3.091700e-04	-7.026844e-03	-2.271152e-03	-1.802186e-03
## SPAC6G10.03c	3.915815e-04	-5.128340e-04	3.047079e-03	-2.426593e-03
## SPAC6G10.04c	6.140182e-03	-6.330925e-03	3.892556e-04	2.198754e-03
## SPAC6G10.05c	-4.170594e-03	9.953202e-03	-8.499710e-03	2.351859e-03
## SPNCRNA.896	4.336169e-04	1.156739e-03	4.534993e-04	3.864964e-04
## SPAC6G10.07	-4.059228e-03	-1.092900e-02	-5.321207e-03	-2.224593e-03
## SPAC6G10.08	1.145333e-02	4.104349e-03	-7.824618e-03	9.141824e-03
## SPAC6G10.09	-5.402058e-03	1.604048e-02	5.722869e-03	-4.964218e-03
## SPAC6G10.10c	-2.803645e-04	-1.008157e-03	-2.951685e-04	-8.275342e-04
## SPAC6G9.02c	4.837153e-04	-5.576778e-03	-5.420262e-03	-1.343291e-03
## SPAC6G9.03c	-2.570479e-03	-1.426695e-03	-1.838025e-04	-1.180020e-03
## SPAC6G9.09c	-7.901801e-03	6.931226e-03	-1.279219e-02	-1.024903e-02
## SPAC6G9.12	4.817217e-03	-2.623957e-03	8.326161e-04	-3.142520e-03
## SPNCRNA.899	1.628643e-05	-1.983354e-04	1.510978e-04	2.276723e-04
## SPAC6G9.15c	2.966908e-04	6.013455e-04	-3.126085e-03	2.996179e-03
## SPAPB1E7.01c	2.801826e-03	-1.116895e-03	1.661479e-03	1.403897e-03
## SPAC652.01	-8.436107e-04	5.287609e-04	1.269480e-05	2.224116e-03
## SPAPB1E7.03	2.186041e-03	1.524121e-03	-6.430745e-04	-3.804477e-04
## SPAPB1E7.04c	1.423372e-03	1.305066e-02	-1.223204e-02	8.208413e-04
## SPAPB1E7.06c	9.034270e-04	1.180811e-03	-8.016884e-05	1.506073e-03

## SPNCRNA.900	5.482096e-05	3.933584e-04	-4.786045e-04	6.126108e-04
## SPAPB1E7.07	2.206801e-02	2.162384e-02	1.259601e-02	-9.668531e-02
## SPNCRNA.901	-5.799525e-05	1.223120e-05	-2.298655e-04	8.806377e-05
## SPSNORNA.43	-2.235198e-07	4.337193e-06	2.294864e-06	-1.555090e-05
## SPAPB1E7.10	1.398145e-03	1.199366e-03	1.067965e-04	6.233518e-04
## SPAC2E1P5.01c	2.294108e-04	1.738998e-03	-4.581440e-03	-7.139017e-03
## SPAC2E1P5.03	-2.674687e-03	7.348683e-03	-3.946076e-03	-8.545093e-03
## SPAC2E1P5.05	-1.028955e-03	-7.195773e-03	-5.106229e-03	3.872940e-03
## SPAC26A3.02	-2.269413e-03	2.823590e-03	-7.727317e-03	2.169733e-03
## SPAC26A3.05	-2.700782e-02	-2.146639e-02	-3.916171e-02	-1.882828e-02
## SPAC26A3.08	1.271040e-03	-4.667438e-03	-2.070207e-04	1.159239e-03
## SPAC26A3.09c	2.584178e-03	3.046707e-03	-1.987195e-03	1.065430e-03
## SPAC26A3.10	5.838012e-04	8.379381e-03	6.127634e-03	-1.177513e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	2.508265e-03	7.818940e-04	2.659322e-04	-2.244722e-04
## SPAC8E11.12	4.547199e-05	-1.914352e-04	-2.904809e-04	-3.183039e-04
## SPNCRNA.903	3.060630e-04	-3.753273e-04	-2.231965e-04	1.152964e-03
## SPAC8E11.08c	4.710401e-04	-1.291384e-03	-2.843241e-04	5.025753e-04
## SPAC8E11.06	1.559081e-04	-2.633058e-04	2.764636e-04	-8.317671e-05
## SPAC8E11.04c	3.907648e-04	1.136555e-03	-2.293333e-03	-4.133319e-03
## SPNCRNA.904	4.445570e-04	-1.967633e-04	-1.367322e-03	3.102698e-05
## SPAC8E11.03c	-7.678466e-05	3.359970e-05	-1.528014e-05	-2.267352e-04
## SPAC8E11.02c	1.057221e-02	-4.768590e-03	-1.249258e-02	-4.821012e-03
## SPAC959.02	2.184989e-04	3.259577e-05	2.987644e-03	3.558735e-03
## SPAC959.03c	1.156081e-04	-1.111372e-03	2.377845e-03	-4.595715e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	1.046816e-03	-1.083834e-04	-1.187807e-03	-1.087510e-03
## SPAC959.05c	1.790364e-05	7.957130e-04	-7.780149e-04	-1.121002e-03
## SPAC959.07	-1.881873e-02	1.887802e-03	-4.692003e-02	-1.117986e-02
## SPAC959.09c	3.939571e-04	1.654856e-03	-2.000821e-04	3.673410e-04
## SPAP32A8.02	5.271246e-03	-5.920341e-04	5.166644e-03	7.653527e-04
## SPAP32A8.03c	1.707671e-03	3.344320e-04	2.728125e-04	2.784482e-03
## SPAC3H5.10	-1.149358e-02	-2.564878e-03	-3.169053e-02	8.271248e-03
## SPAC3H5.08c	-3.645826e-03	7.137299e-04	-3.425548e-03	-4.242073e-03
## SPAC3H5.06c	1.324808e-03	2.156004e-03	-4.517537e-04	1.143824e-03
## SPAC3A11.13	3.167916e-04	1.618530e-03	-3.131800e-03	4.313994e-03
## SPAC3A11.12c	2.136972e-03	-1.306308e-03	3.386944e-03	-9.812020e-03
## SPAC3A11.10c	1.098593e-03	2.088797e-03	5.502279e-03	-2.169550e-03
## SPAC3A11.09	4.511710e-03	-8.930332e-04	4.460679e-04	-3.805528e-03
## SPNCRNA.909	1.730928e-03	2.150158e-04	-5.734438e-04	8.724298e-04
## SPNCRNA.910	-4.991016e-04	5.781958e-04	4.132897e-04	-1.776228e-04
## SPAC3A11.05c	-1.163062e-03	2.869841e-03	-2.302371e-03	-8.219557e-04
## SPAC3A11.04	1.329545e-03	3.048613e-04	9.896171e-04	7.694565e-04
## SPAC3A11.03	8.495729e-04	-3.570726e-05	-2.612700e-03	-1.126987e-05
## SPAC3A11.02	1.673545e-03	1.705375e-04	-7.110650e-04	3.997895e-04
## SPAC328.04	-4.006091e-03	1.002296e-03	-4.761652e-03	1.317880e-03
## SPAC328.05	-8.310883e-04	1.275544e-03	-2.634428e-03	-1.138161e-03
## SPAC328.06	-8.248549e-03	-7.495236e-03	-6.490071e-03	-5.345206e-03
## SPAC328.08c	2.539332e-04	-3.862970e-04	8.718343e-04	6.828630e-04
## SPAC328.10c	-1.633998e-02	-2.338336e-02	2.465963e-02	-1.946661e-02
## SPNCRNA.222	-3.166216e-06	-1.061039e-05	7.510277e-05	-6.226081e-05
## SPAC16E8.02	-1.274153e-04	-5.951223e-04	-1.027877e-03	1.015897e-03
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	-8.952212e-05	-6.401210e-04	-4.277881e-04	-1.217659e-04

## SPAC16E8.06c	-4.672338e-04	4.994632e-03	2.232481e-03	-9.648523e-04
## SPAC16E8.07c	-2.261935e-03	-6.281587e-03	5.957763e-04	1.652731e-02
## SPAC16E8.09	2.339921e-03	-4.151854e-04	-1.728214e-03	2.008585e-03
## SPAC16E8.13	-7.394947e-05	-2.453405e-04	3.883637e-04	-3.002636e-04
## SPAC16E8.15	-1.053843e-02	2.992462e-03	-1.685421e-03	-4.339823e-03
## SPAC16E8.18c	2.691447e-04	-1.782696e-04	-1.998188e-03	1.267316e-03
## SPAC1B1.01	1.979007e-03	-7.727818e-04	-2.524122e-03	-3.703028e-04
## SPNCRNA.915	1.143849e-04	-3.252356e-06	3.087250e-04	1.823973e-04
## SPAC17A2.01	-3.868912e-04	1.943755e-03	-3.305022e-03	7.633603e-04
## SPAC17A2.02c	-3.874632e-03	5.110069e-03	-4.493953e-03	3.803174e-03
## SPAC17A2.04c	-8.801897e-04	-3.320278e-04	3.490925e-03	-1.964481e-04
## SPNCRNA.124	3.081884e-05	-7.131114e-06	-5.489443e-05	-4.997232e-05
## SPATRNNATRP.01	9.446012e-05	1.306056e-04	1.241279e-03	-9.740167e-04
## SPAC17A2.05	3.692556e-03	-7.553975e-04	-4.572728e-05	1.569130e-03
## SPAC17A2.06c	-1.722355e-04	-6.103818e-03	-3.474544e-03	1.833148e-03
## SPAC17A2.07c	4.664966e-04	-2.669782e-04	-1.862419e-04	1.911304e-04
## SPAC17A2.08c	2.890926e-04	-1.534161e-03	-2.576618e-04	3.257369e-03
## SPAC17A2.09c	1.107735e-03	4.182079e-03	-3.332241e-03	-1.329064e-03
## SPAC17A2.10c	-3.450364e-04	4.595637e-05	1.058385e-04	-8.937376e-05
## SPAC17A2.11	2.570004e-04	1.227945e-04	1.766142e-04	1.654819e-04
## SPNCRNA.920	1.364289e-03	2.938175e-04	-9.922070e-04	5.115087e-04
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	2.087844e-03	1.917210e-03	2.527452e-03	1.390769e-03
## SPATRNNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	2.818640e-03	3.055170e-03	1.232198e-04	-1.265561e-03
## SPAC17G6.05c	7.547164e-04	1.810305e-03	-5.516319e-04	-4.177029e-03
## SPAC17G6.06	8.962504e-03	1.850900e-02	-3.512118e-02	6.782480e-03
## SPAC17G6.08	-7.987920e-04	1.558541e-03	-9.914534e-04	2.701939e-03
## SPAC17G6.10	-4.029487e-03	-2.531190e-03	7.609026e-04	-3.615485e-04
## SPAC17G6.11c	2.565928e-03	3.179596e-03	2.820522e-04	1.251225e-03
## SPNCRNA.921	2.089244e-05	2.483017e-05	5.707520e-05	-1.534048e-04
## SPAC17G6.13	-1.022824e-02	3.912262e-03	8.138442e-03	-7.896660e-03
## SPAC17G6.14c	1.725744e-03	4.377955e-03	-8.301274e-03	-7.317974e-03
## SPAC17G6.15c	4.659672e-03	1.103725e-03	1.013051e-03	1.959490e-03
## SPAC17G6.16c	8.101235e-03	-5.017437e-03	1.450743e-03	3.422065e-03
## SPAC17G6.17	1.444545e-03	2.099077e-03	-2.404624e-03	-4.199916e-03
## SPAC1142.01	6.707868e-04	-4.193993e-03	-5.371211e-03	1.988793e-04
## SPAC1142.02c	8.873165e-05	-8.594589e-04	-1.317821e-03	-5.162214e-03
## SPAC1142.04	-1.181006e-03	9.134565e-03	-2.281495e-03	-2.634368e-03
## SPNCRNA.923	8.847848e-05	1.633246e-04	1.787436e-04	1.037106e-04
## SPAC1142.05	-1.159225e-02	1.047227e-02	-7.479013e-03	-2.318122e-03
## SPAC1142.06	-1.322092e-03	2.898942e-03	7.185248e-04	2.897303e-04
## SPAC1142.07c	1.247396e-03	2.310936e-03	-1.474077e-03	2.198937e-03
## SPAC1142.08	6.238375e-04	9.795982e-04	-1.965621e-04	-1.003326e-03
## SPAC1142.09	1.142903e-04	1.381969e-04	-9.168536e-05	-3.443288e-05
## SPNCRNA.925	3.704116e-04	1.870020e-04	-1.564129e-03	-1.206747e-03
## SPAC8C9.04	-9.391518e-03	3.373354e-03	-8.676903e-04	-2.328380e-03
## SPAC8C9.07	1.732274e-03	-2.221140e-03	-2.032327e-03	3.562192e-03
## SPAC8C9.08	-2.784591e-02	2.165803e-02	1.513740e-03	-2.290488e-02
## SPAC8C9.09c	-6.944020e-04	3.760949e-04	-9.237502e-04	1.853314e-03
## SPAC8C9.11	1.251480e-03	-2.685666e-04	-1.231730e-03	-6.356838e-04
## SPNCRNA.228	-5.801561e-04	1.469478e-03	-5.694938e-04	8.112140e-04
## SPAC8C9.19	5.661396e-05	1.042402e-03	-8.495277e-05	-7.480068e-06

## SPAC8C9.12c	-5.252228e-04	9.653628e-04	-3.914646e-03	1.006852e-03
## SPAC8C9.14	-5.487275e-03	5.313019e-03	8.336327e-03	-6.717220e-03
## SPAC8C9.15c	-7.180329e-03	-4.380219e-03	-5.435250e-03	-8.360174e-03
## SPNCRNA.926	-1.551616e-04	2.646624e-03	-8.706293e-04	-6.817872e-04
## SPAC15A10.17	-4.433892e-04	2.097087e-04	-4.116671e-04	1.032932e-03
## SPAC15A10.06	-9.100707e-04	4.795927e-03	-1.863885e-03	-7.431878e-04
## SPNCRNA.927	2.840322e-05	-3.371148e-04	4.305855e-05	5.041207e-04
## SPAC15A10.08	-4.512309e-04	2.506368e-03	-1.443470e-03	6.844428e-04
## SPAC15A10.09c	4.928728e-04	-3.092320e-03	-4.548161e-03	3.108351e-03
## SPNCRNA.928	-6.839320e-04	-1.584310e-04	1.576011e-04	4.246394e-05
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	-5.042695e-03	1.108851e-03	5.168496e-03	8.411564e-03
## SPAC15A10.11	4.174592e-03	1.435356e-03	5.734570e-04	-1.300241e-02
## SPAC15A10.12c	-2.268294e-03	2.117324e-03	-3.889459e-03	1.737295e-03
## SPAC15A10.13	9.514473e-04	-1.802290e-03	-2.679808e-03	-1.695533e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-2.299315e-04	1.126146e-03	-4.600547e-04	8.961359e-04
## SPAC15E1.03	1.726953e-02	-2.472501e-02	1.132220e-02	6.323015e-03
## SPAC15E1.05c	2.604526e-04	3.767401e-03	-1.648638e-03	-3.114978e-03
## SPAC15E1.09	6.001241e-04	1.997758e-03	-2.123468e-03	8.455332e-04
## SPAC15E1.10	-1.655792e-04	-7.718771e-04	-1.463540e-03	2.229928e-03
## SPNCRNA.932	1.110638e-04	5.710469e-05	-1.665384e-04	6.951922e-05
## SPAP7G5.02c	3.938268e-03	2.074961e-02	-2.657082e-02	-4.525342e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	2.128505e-03	-7.244892e-04	-1.414047e-02	1.787011e-02
## SPNCRNA.934	2.553980e-04	-1.186051e-03	-3.118152e-03	-2.341749e-03
## SPNCRNA.935	-1.309471e-03	3.201487e-03	1.631119e-03	1.085460e-03
## SPNCRNA.84	-5.974696e-06	1.229025e-05	6.208511e-05	-5.763040e-05
## SPNCRNA.230	-9.626392e-05	-2.964011e-05	-3.932495e-06	-3.995859e-05
## SPNCRNA.231	-1.772640e-05	-5.427756e-05	-8.645997e-06	-1.769178e-05
## SPNCRNA.232	-3.600886e-05	-5.923218e-05	8.396797e-06	6.471604e-05
## SPATRNAILE.03	5.800303e-04	6.469110e-05	3.416240e-04	-5.610388e-04
## SPNCRNA.233	-6.436660e-06	5.391247e-06	-6.099440e-06	3.247071e-05
## SPATRNAGLU.04	2.238951e-02	1.457632e-02	-1.284861e-02	6.265845e-03
## SPATRNAALA.05	-1.878749e-04	-9.947994e-04	-4.399983e-04	-2.132246e-04
## SPNCRNA.234	1.602568e-05	-8.314509e-05	4.562804e-05	-1.779109e-04
## SPAC1556.01c	-4.113426e-04	2.188625e-03	-3.645294e-03	-2.706823e-03
## SPAC1556.03	1.824062e-03	-2.464382e-03	-1.639102e-03	-2.858339e-03
## SPAC1556.04c	-9.301545e-06	1.978390e-03	8.778585e-04	2.034502e-04
## SPAC1556.05c	4.248273e-04	2.466195e-04	-2.073179e-04	-8.529874e-04
## SPAC1F12.02c	1.413988e-02	1.131271e-01	7.147555e-02	2.580634e-02
## SPAC1F12.03c	2.173352e-04	7.340807e-04	-1.733953e-03	-8.549432e-05
## SPAC1F12.04c	-6.926938e-04	1.263168e-03	-6.478112e-03	-2.557033e-03
## SPAC1F12.05	8.453263e-04	2.766303e-03	-1.671445e-03	-3.982150e-03
## SPAC1F12.07	2.964879e-03	9.640933e-03	-2.213336e-03	-6.133022e-03
## SPNCRNA.937	-4.178991e-04	1.955617e-04	-7.299569e-04	1.595350e-04
## SPAC4H3.01	-2.352466e-03	5.847004e-03	3.030613e-03	-6.906323e-04
## SPAC4H3.03c	8.532364e-03	2.349223e-03	9.449905e-03	-1.153030e-02
## SPAC4H3.06	3.029140e-03	-1.864224e-03	-1.460951e-03	2.904439e-03
## SPAC4H3.09	4.307609e-04	7.570893e-04	2.383938e-03	-4.719974e-03
## SPNCRNA.941	-1.077272e-04	1.148154e-04	1.883389e-04	8.839592e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	1.374601e-04	-1.440309e-04	1.646075e-04	-6.593846e-05
## SPNCRNA.942	-2.509019e-03	-3.047049e-03	9.805009e-04	5.033091e-03

## SPAC4H3.12c	7.294795e-04	4.616469e-05	-5.290778e-04	2.240475e-05
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	6.684536e-03	-2.962801e-04	-2.451947e-03	-2.289556e-04
## SPAC1071.02	4.756366e-03	1.700047e-03	5.805615e-03	-8.477320e-03
## SPAC1071.03c	-2.532569e-03	3.787189e-03	-1.241170e-03	9.728383e-04
## SPNCRNA.237	-1.044620e-04	-1.692510e-04	-3.145222e-04	1.708263e-04
## SPNCRNA.943	2.577125e-04	5.366697e-04	-2.120743e-04	-4.087794e-04
## SPAC1071.05	6.878128e-05	5.281715e-03	3.151081e-03	-5.485201e-03
## SPAC1071.06	-1.165715e-03	-1.802175e-03	-4.633615e-03	-4.062613e-03
## SPAC1071.08	-7.399482e-03	1.612829e-02	-4.815585e-03	-6.741830e-03
## SPAC1071.10c	3.956887e-02	-2.304553e-02	8.270109e-02	-1.700315e-01
## SPNCRNA.93	-1.932169e-04	6.181756e-05	1.881838e-05	1.723400e-05
## SPAC1071.13	4.307132e-04	5.440877e-04	3.777303e-04	1.027259e-03
## SPNCRNA.945	-6.052369e-04	5.754022e-04	-2.478386e-04	-6.678900e-04
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	-1.115499e-03	9.283298e-04	-2.417627e-03	-2.015371e-03
## SPAC926.02	-1.998280e-04	5.394945e-05	1.309989e-03	-1.922839e-03
## SPNCRNA.946	5.309598e-04	7.208042e-05	-1.480026e-03	1.484126e-03
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	4.052238e-04	4.851035e-04	-7.990959e-04	2.102081e-03
## SPAC926.04c	-5.150377e-02	1.018007e-01	4.260130e-02	9.758693e-02
## SPRRNA.18	6.712499e-03	2.680932e-02	-1.807438e-02	1.007128e-02
## SPAC926.05c	1.539568e-03	8.781939e-05	-3.997467e-04	-1.272500e-03
## SPAC926.09c	-1.428039e-01	6.748999e-02	1.090331e-01	5.268998e-02
## SPAC323.01c	8.319319e-04	-1.089363e-03	1.824429e-03	1.356237e-03
## SPNCRNA.948	-3.333183e-05	1.093117e-04	-7.717905e-05	2.894534e-04
## SPAC323.06c	-3.250829e-03	-3.238787e-03	-2.468525e-03	-9.116641e-04
## SPAC323.07c	-1.453522e-03	6.458200e-03	-8.015466e-04	-5.311105e-03
## SPAC2F3.02	4.212531e-03	-7.317584e-03	-2.300162e-03	4.186384e-03
## SPAC2F3.03c	5.247293e-03	-8.068397e-04	3.053093e-03	-6.125866e-03
## SPAC2F3.04c	1.444476e-03	-1.430918e-03	-2.068548e-03	2.622734e-03
## SPAC2F3.05c	-1.438160e-03	3.532257e-03	-3.216036e-03	-7.818168e-03
## SPAC2F3.06c	1.393322e-02	-6.452401e-03	-8.228088e-03	1.233701e-02
## SPAC2F3.08	-4.490971e-03	3.335200e-03	-1.367821e-03	9.593781e-04
## SPNCRNA.949	-5.733827e-05	-4.104370e-04	6.480030e-04	-1.679056e-03
## SPNCRNA.950	-5.059399e-05	6.201652e-05	5.831049e-06	1.989226e-05
## SPAC2F3.18c	-1.422282e-03	7.611099e-03	-5.079120e-03	4.162920e-04
## SPAC2F3.11	6.660577e-04	3.400441e-03	-1.350317e-03	5.259738e-04
## SPNCRNA.240	-2.966164e-05	1.544291e-04	-1.800409e-04	7.086328e-08
## SPAC11G7.01	-3.980834e-03	-4.572649e-03	1.160475e-03	-3.832981e-03
## SPAC11G7.02	3.788961e-03	-3.178889e-03	3.144349e-03	1.297913e-03
## SPAC11G7.03	1.360698e-04	-7.212795e-03	2.061791e-03	-2.758519e-03
## SPAC11G7.04	3.945455e-03	-3.915747e-03	-1.338139e-02	-2.726072e-02
## SPAPB18E9.01	-6.396289e-03	5.814917e-03	-4.426989e-04	1.212714e-03
## SPAPB18E9.05c	6.296990e-03	8.389627e-05	-4.629891e-03	-9.056740e-03
## SPAPB15E9.01c	7.897862e-02	3.196390e-02	-5.271865e-03	-1.040610e-01
## SPAPB15E9.02c	2.586272e-04	-5.016365e-04	-2.373669e-03	3.090757e-04
## SPAC27E2.02	3.288600e-03	-1.082417e-03	-3.278912e-03	-2.871787e-03
## SPNCRNA.53	-8.869744e-06	5.579186e-06	4.417262e-06	1.683811e-06
## SPAC27E2.14	-5.667839e-04	-2.345971e-04	8.824392e-05	-1.604731e-03
## SPAC27E2.05	6.876848e-04	2.489398e-04	-3.159268e-05	4.096310e-03
## SPAC27E2.09	-1.930114e-03	2.382064e-03	-1.002530e-02	1.584873e-04
## SPAC27E2.10c	-1.137413e-03	-1.603362e-03	1.919275e-03	-1.961906e-04
## SPAPJ698.03c	-2.116001e-03	2.471579e-03	-7.369769e-03	-6.975917e-03

## SPAC19G12.02c	-2.146823e-03	2.189637e-03	-3.948520e-04	-1.686784e-03
## SPAC19G12.04	-7.940184e-04	-7.405547e-04	-1.225492e-03	1.796682e-03
## SPAC19G12.06c	-1.331854e-02	1.948453e-02	-1.353259e-03	4.014992e-03
## SPAC19G12.07c	-4.386603e-04	-4.803219e-03	-1.968040e-05	1.888950e-03
## SPAC19G12.08	8.679029e-03	2.803632e-03	3.030988e-03	5.618739e-03
## SPATRNALEU.04	-8.397257e-02	-6.145251e-02	-1.682835e-05	-4.871515e-02
## SPAC19G12.09	5.267839e-03	8.660118e-03	5.132968e-03	2.248554e-03
## SPAC19G12.13c	3.117929e-04	-2.023515e-04	7.269991e-04	-1.948286e-04
## SPAC19G12.14	-2.173689e-03	1.700962e-03	2.926068e-03	-3.391829e-03
## SPAC23A1.07	-1.388752e-03	1.367725e-03	-1.225111e-03	-3.472844e-03
## SPAC23A1.08c	-1.771650e-02	-5.045003e-02	3.091275e-03	4.511424e-02
## SPAC23A1.10	-8.273765e-03	-4.468495e-03	-5.045711e-02	-2.302512e-02
## SPAC23A1.15c	4.132010e-03	-2.927249e-04	2.773477e-03	-9.856781e-04
## SPAC23A1.16c	1.999572e-04	1.260669e-03	1.205119e-03	9.918823e-04
## SPNCRNA.341	1.348452e-05	-3.890287e-05	-2.705794e-05	-5.574489e-05
## SPAC26H5.04	1.607712e-03	-2.560178e-04	2.607120e-03	-6.993220e-04
## SPNCRNA.961	7.653281e-04	3.586683e-04	3.753728e-04	6.810177e-04
## SPAC26H5.07c	7.829798e-05	-5.071185e-03	-1.935559e-04	4.312289e-03
## SPAC26H5.08c	5.880000e-03	-1.968778e-03	4.481940e-03	5.024565e-03
## SPNCRNA.962	-1.767761e-05	-2.561864e-06	2.061698e-05	-6.864031e-06
## SPNCRNA.306	-3.286281e-05	-5.894864e-05	1.429714e-05	-9.181260e-05
## SPAC26H5.09c	-6.278696e-03	-4.517390e-03	3.611500e-03	1.720399e-02
## SPAC26H5.10c	5.422991e-02	-9.637462e-02	-9.515896e-02	5.658966e-03
## SPNCRNA.964	8.304720e-05	1.051365e-03	5.298442e-04	3.957549e-04
## SPNCRNA.965	7.430876e-04	-7.093652e-04	-6.055012e-04	1.591939e-03
## SPNCRNA.242	-4.824342e-02	-7.562287e-02	6.500867e-02	-1.881334e-01
## SPSNORNA.13	1.184147e-01	1.241898e-03	1.817833e-01	1.340200e-01
## SPAC25B8.02	-1.307570e-04	2.041543e-03	-1.591716e-03	-7.660679e-04
## SPAC25B8.03	-7.847643e-04	-4.848698e-03	1.824892e-03	1.961433e-04
## SPAC25B8.04c	-1.069728e-03	1.017424e-03	-1.609688e-03	-4.475197e-04
## SPAC25B8.05	9.786058e-04	-2.741802e-03	5.121802e-04	2.442539e-03
## SPAC25B8.07c	-1.223216e-03	-2.429990e-03	-2.055419e-03	3.156145e-03
## SPAC25B8.20	-9.316145e-04	1.488351e-04	-5.698982e-04	1.151708e-04
## SPNCRNA.967	9.779552e-04	-2.174906e-04	-7.821895e-05	3.300277e-04
## SPAC25B8.10	-2.145413e-04	-3.024870e-03	-4.273922e-03	2.439990e-03
## SPAC25B8.11	4.072824e-03	5.270173e-04	4.412863e-03	-3.027350e-03
## SPNCRNA.968	-1.298431e-03	-2.629854e-04	-5.043317e-04	-9.950824e-04
## SPAC25B8.13c	-1.238530e-02	-3.281857e-03	-8.425979e-03	1.441725e-03
## SPRRNA.19	4.874598e-04	1.189351e-03	-2.532411e-03	3.092352e-03
## SPAC25B8.14	-5.295665e-04	-1.558040e-03	-1.098935e-04	1.415989e-04
## SPAC25B8.15c	-1.312705e-03	1.441245e-03	-9.252298e-04	-1.374488e-03
## SPAC25B8.16	-2.285940e-03	-1.951664e-03	-1.584490e-03	-1.485569e-03
## SPNCRNA.970	8.540814e-04	6.286155e-04	-1.805664e-03	-3.385986e-04
## SPNCRNA.971	5.346881e-04	3.938402e-04	2.826594e-04	3.591394e-04
## SPAC694.03	9.544840e-04	4.462896e-04	-9.155913e-04	3.141606e-03
## SPAC694.04c	-2.891497e-03	6.912917e-03	2.437554e-03	-1.132245e-03
## SPNCRNA.972	-1.513877e-03	4.851267e-04	-9.500759e-04	-1.812710e-03
## SPAC1F7.02c	5.913644e-03	-4.008822e-03	2.728845e-03	-4.372230e-04
## SPAC1F7.03	-6.703124e-03	8.424702e-03	-2.891576e-03	2.672417e-03
## SPAC1F7.06	2.401160e-05	-7.227092e-05	6.953821e-05	2.012051e-05
## SPAC1F7.07c	2.997946e-04	-1.411833e-03	2.421069e-03	1.697869e-02
## SPSNORNA.14	-4.501370e-05	-2.279011e-05	3.231318e-05	2.706904e-05
## SPRRNA.20	1.640472e-02	4.635950e-02	-2.271036e-02	2.042320e-02
## SPAC1F7.10	-6.817605e-04	-1.101199e-03	6.775054e-04	2.116648e-03

## SPAC1F7.11c	5.033753e-04	7.797200e-04	-1.802982e-03	9.975895e-04
## SPAC1F7.12	8.702405e-03	8.088355e-03	8.149080e-03	-5.630570e-03
## SPAC21E11.03c	-4.284040e-03	-1.744037e-03	-2.083885e-03	3.699112e-03
## SPAC21E11.05c	2.744449e-03	-4.791892e-04	4.791805e-04	1.440536e-03
## SPAC21E11.08	1.468713e-03	-3.825209e-03	8.429292e-04	2.842964e-03
## SPATRNASER.03	-4.040837e-03	-1.799129e-03	-4.884156e-04	5.201480e-04
## SPATRNAMET.03	-2.190062e-03	-4.357577e-03	-1.456819e-03	3.442379e-03
## SPAC2C4.05	-4.858327e-03	7.180672e-04	-1.686262e-03	3.053724e-04
## SPAC2C4.06c	3.493736e-05	6.700314e-04	-2.986931e-03	-1.345864e-03
## SPAC2C4.08	-6.121754e-04	-3.250182e-04	-5.492172e-04	9.940124e-04
## SPAC2C4.11c	8.229187e-05	-3.818272e-04	-6.143514e-05	-2.910456e-03
## SPAC2C4.12c	-2.492264e-03	-1.982512e-03	-1.780298e-03	-3.308588e-04
## SPAC2C4.14c	5.062851e-04	1.095802e-04	1.148067e-04	1.848243e-03
## SPAC2C4.15c	1.075812e-04	-2.125275e-03	-2.808779e-03	-2.362904e-04
## SPAC2C4.16c	2.040276e-03	-5.486481e-02	6.810040e-03	2.342543e-02
## SPNCRNA.974	9.995113e-04	6.419720e-04	6.108606e-04	1.655672e-03
## SPNCRNA.975	-8.338793e-04	3.207872e-04	-1.323265e-03	-7.702624e-04
## SPNCRNA.976	1.138555e-05	-8.605316e-04	-5.474900e-04	-7.270768e-04
## SPAC25G10.01	3.378895e-03	4.487918e-03	8.687504e-04	1.415276e-03
## SPAC25G10.05c	4.757278e-03	-8.347340e-03	-1.364126e-02	-3.549380e-03
## SPAC25G10.06	1.280675e-02	3.957725e-02	-1.313364e-02	-2.066622e-02
## SPAC25G10.07c	-3.042880e-03	-1.368690e-03	-5.065583e-04	-2.780781e-03
## SPAC25G10.09c	3.962709e-04	7.640882e-03	2.727748e-03	-1.024984e-02
## SPAC27F1.02c	2.889645e-03	5.677247e-03	-1.066350e-02	1.578754e-03
## SPAC27F1.03c	7.790533e-04	-2.101622e-04	4.373027e-05	1.768668e-03
## SPAC27F1.04c	-5.808105e-04	1.456083e-03	3.269628e-04	3.310375e-03
## SPAC27F1.07	4.239084e-03	2.571204e-03	2.578633e-03	-2.171015e-03
## SPAC27F1.08	-3.881080e-03	-7.975751e-04	-1.701470e-04	-6.763311e-04
## SPAC27F1.09c	-8.808064e-04	2.457003e-03	-1.785976e-03	-2.088772e-03
## SPAC23D3.01	2.174759e-04	3.726962e-03	-1.868823e-03	-2.605858e-03
## SPAC23D3.02	-4.354685e-03	2.176126e-03	-3.061490e-03	-2.457166e-03
## SPAC23D3.03c	-4.649103e-03	-4.498632e-03	2.212494e-03	-1.058477e-03
## SPNCRNA.979	-2.418743e-04	2.515937e-03	-1.139658e-04	-2.144832e-03
## SPAC23D3.08	9.771261e-04	-2.922455e-03	2.835383e-03	2.934781e-03
## SPAC23D3.11	-1.218903e-03	1.726916e-03	2.190642e-03	-5.295190e-03
## SPNCRNA.980	-2.073685e-04	-4.524539e-04	-3.330579e-04	-7.540104e-04
## SPAC23D3.17	-1.167877e-03	9.942586e-04	-4.869813e-04	1.909910e-03
## SPNCRNA.981	3.147230e-04	5.862394e-04	-1.974802e-04	-5.949282e-04
## SPAC30.01c	5.090399e-03	-1.224069e-03	-7.509130e-04	9.676569e-04
## SPAC30.02c	-1.254235e-03	-1.531283e-04	-3.800042e-03	-1.000439e-05
## SPAC30.04c	3.565743e-03	-3.088731e-03	4.752054e-04	-1.890830e-03
## SPAC29E6.01	1.745337e-03	-1.270544e-03	-1.054443e-03	7.631020e-04
## SPAC29E6.03c	-7.131608e-03	6.501253e-03	1.417303e-03	-9.090349e-03
## SPAC29E6.05c	8.770908e-04	1.427335e-03	-4.060797e-04	-6.418543e-04
## SPAC29E6.04	-2.705587e-03	4.536938e-04	-1.683626e-03	-1.830451e-03
## SPAC29E6.07	6.613635e-04	2.737211e-04	-2.900274e-05	2.078128e-04
## SPAC29E6.08	2.790925e-03	-1.726910e-03	7.114049e-03	-2.233762e-03
## SPAC16.01	1.006108e-03	-1.534992e-03	-1.170300e-03	4.687714e-04
## SPNCRNA.986	-1.178615e-04	-1.317101e-04	-3.258644e-04	-4.111401e-04
## SPAC16.03c	6.483623e-04	-1.770405e-03	-6.216930e-04	1.070238e-03
## SPAC16.05c	-1.990125e-03	-1.170617e-02	-1.014413e-02	1.119657e-04
## SPAC9E9.01	9.122839e-05	-1.192402e-05	1.128127e-04	4.221063e-05
## SPAC9E9.17c	-8.523292e-05	-3.575131e-05	5.765400e-06	-7.695086e-05
## SPNCRNA.987	-6.439720e-05	1.180647e-04	-6.281494e-05	-1.869265e-04

## SPNCRNA.12	-4.608122e-05	3.101930e-06	6.723049e-05	1.763220e-05
## SPAC9E9.03	2.285855e-02	1.910306e-02	-4.240075e-02	-2.370128e-02
## SPAC9E9.04	2.646546e-03	1.397878e-03	-8.821960e-04	4.435928e-03
## SPAC9E9.09c	-4.306805e-02	4.536033e-03	-5.093795e-02	-1.116767e-01
## SPNCRNA.989	2.997788e-04	1.727544e-04	9.041697e-04	-3.758907e-05
## SPAC9E9.15	-2.344242e-04	1.758539e-03	9.868537e-04	1.670719e-03
## SPNCRNA.311	1.937353e-05	-2.541715e-05	-4.742204e-05	1.168565e-04
## SPNCRNA.991	2.656706e-04	-2.914553e-04	-1.135072e-03	2.763832e-04
## SPAC17C9.14	-3.470305e-04	-5.936953e-04	-1.769436e-03	9.327024e-04
## SPAC17C9.10	2.013101e-03	-3.097229e-03	-8.917115e-04	7.988284e-04
## SPAC17C9.07	-3.579053e-04	1.298798e-04	-8.231856e-05	-1.928027e-03
## SPAC17C9.05c	9.458440e-04	3.170803e-04	5.125124e-04	-1.620879e-03
## SPAC17C9.01c	2.608967e-03	-1.075289e-03	-1.203545e-03	3.238452e-03
## SPAC1851.04c	2.332836e-03	-1.772201e-03	-3.033082e-03	1.098868e-03
## SPAC27D7.02c	-1.931642e-03	2.370885e-03	-2.387658e-03	-4.410788e-04
## SPNCRNA.993	1.751463e-05	8.261708e-05	3.330205e-05	3.152436e-04
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-2.105280e-03	5.764682e-03	-1.140747e-02	-1.974557e-03
## SPNCRNA.995	3.413381e-04	7.386986e-04	9.786722e-04	-9.308090e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	2.925195e-04	1.190487e-03	1.448709e-03	-3.603488e-04
## SPAC637.03	-8.685185e-03	1.517652e-02	1.642642e-03	3.727701e-03
## SPAC637.04	-2.341454e-03	4.429344e-03	2.849377e-05	1.326421e-04
## SPAC637.05c	1.192024e-04	-6.398657e-03	1.039033e-02	-1.016720e-03
## SPAC637.06	-6.393682e-03	-1.131875e-03	9.301240e-04	-4.011170e-03
## SPAC637.09	5.163361e-03	-7.645110e-04	1.184683e-03	4.689870e-03
## SPNCRNA.999	5.985607e-04	3.880746e-04	3.942253e-04	-2.225267e-04
## SPAC637.11	1.619358e-03	9.637418e-04	-1.111486e-03	-2.299427e-04
## SPAC637.12c	1.566774e-03	-1.019406e-03	2.580166e-04	-2.966018e-03
## SPNCRNA.1000	-1.527553e-04	-3.355273e-04	-1.208686e-04	1.116494e-03
## SPAC637.13c	-1.788252e-03	1.421493e-03	-2.802170e-03	-3.415124e-03
## SPNCRNA.249	7.401916e-04	-3.894561e-04	1.349504e-05	9.850730e-04
## SPAC31F12.01	4.504469e-03	-3.922309e-03	-1.950613e-04	1.321733e-03
## SPAC12B10.02c	-1.565856e-03	-2.026063e-03	-6.973887e-03	5.813891e-04
## SPAC12B10.03	2.814114e-03	7.164362e-04	-5.092520e-03	1.373852e-03
## SPNCRNA.1001	-6.008922e-04	1.058154e-03	-9.889900e-04	-1.482642e-04
## SPAC12B10.04	-4.889560e-03	-4.064526e-03	1.873855e-03	1.343722e-03
## SPAC12B10.07	1.306435e-03	-2.360291e-03	-3.705900e-04	-4.833548e-03
## SPAC12B10.08c	-3.891427e-04	-5.395161e-05	-1.871423e-03	-1.379417e-03
## SPAC12B10.09	1.652029e-03	1.072215e-03	3.134042e-03	1.177686e-03
## SPAC12B10.10	-1.316615e-03	-5.340150e-04	1.367612e-03	-1.169458e-03
## SPNCRNA.1003	-4.235757e-04	-5.160703e-04	4.243433e-04	6.267997e-05
## SPAC12B10.15c	-4.356799e-04	-1.564791e-03	-1.936912e-03	7.699339e-05
## SPNCRNA.1004	2.775893e-04	-6.096974e-05	-6.885088e-04	1.555682e-03
## SPAC1093.07	3.315812e-04	-6.558023e-04	-1.112708e-03	4.684324e-05
## SPAC1093.01	1.939073e-03	3.496309e-03	-1.222814e-02	-4.364935e-03
## SPAC1093.02	1.103384e-03	2.838646e-03	-3.799143e-03	-5.067919e-03
## SPAC1093.03	3.096247e-03	2.536834e-03	5.129507e-04	-1.166910e-03
## SPAC1093.04c	-6.626322e-05	-5.413025e-05	6.038556e-04	1.639756e-03
## SPAC1093.06c	1.089266e-03	1.270880e-03	-2.813614e-03	-3.892632e-03
## SPNCRNA.1006	-1.302229e-04	4.628246e-04	2.725224e-04	-7.576510e-05
## SPAC30C2.02	2.724015e-03	-1.340779e-03	1.536292e-03	-6.950293e-03
## SPAC30C2.04	1.908077e-03	5.107571e-03	7.469477e-04	-7.851079e-03

## SPAC30C2.05	-8.594257e-04	-2.077408e-03	-9.065860e-04	2.489179e-03
## SPAC30C2.07	-1.003988e-03	4.190672e-03	2.722085e-03	-7.000255e-03
## SPNCRNA.1008	2.864668e-04	3.513608e-04	6.084172e-04	1.774925e-04
## SPAC1635.01	-6.471442e-03	-1.477076e-03	5.571552e-03	7.027738e-03
## SPNCRNA.1009	-1.313505e-05	-2.405796e-04	-3.795673e-04	-1.343434e-04
## SPAC144.02	2.008862e-03	-1.991106e-03	-4.662045e-03	1.811329e-03
## SPAC144.03	1.044490e-02	1.363064e-02	-8.045993e-03	-1.076677e-03
## SPAC144.04c	5.164882e-03	-1.461283e-02	-5.457566e-05	-1.092965e-02
## SPAC144.05	1.499557e-03	1.110711e-03	2.139853e-04	-4.717403e-03
## SPAC144.10c	-1.151140e-03	6.379445e-04	-1.241131e-03	-2.424450e-03
## SPNCRNA.1013	9.003546e-05	-2.940377e-04	-5.921398e-04	6.448477e-04
## SPNCRNA.1014	-1.340979e-04	5.495036e-04	-6.489288e-04	-6.723882e-04
## SPAC144.12	-1.928307e-03	5.849684e-03	-9.700704e-03	-6.200099e-03
## SPAC144.13c	-2.197768e-03	3.952357e-03	2.674509e-04	2.368268e-04
## SPAC144.16	-5.756540e-04	3.651524e-04	-3.537447e-03	-5.602469e-03
## SPNCRNA.1016	2.991711e-04	1.310361e-03	8.227120e-04	1.204135e-03
## SPNCRNA.1017	-6.080927e-05	-2.114315e-04	6.191666e-05	4.747730e-05
## SPAC1834.03c	-7.259955e-03	5.260449e-03	-3.660033e-02	9.192683e-03
## SPAC1834.04	-9.849323e-03	-8.533624e-03	-1.069175e-02	7.655242e-03
## SPAC1834.05	-6.066759e-04	6.871807e-03	-1.226806e-03	-5.140782e-03
## SPAC1834.08	1.168327e-03	6.386040e-03	-7.882545e-03	-4.903642e-03
## SPATRNATHR.05	3.149509e-03	-6.550014e-03	4.674039e-03	-3.233023e-03
## SPAC1834.10c	2.999094e-04	2.494725e-03	-4.394294e-03	-8.806127e-04
## SPAC1834.13	-1.302693e-04	1.102529e-04	1.674141e-04	-8.689648e-05
## SPAC17D4.01	-1.516673e-02	2.227252e-02	-9.076209e-03	-3.116794e-03
## SPAC17D4.02	7.740776e-05	-4.635615e-04	-3.837983e-03	-1.064170e-03
## SPAC17D4.04	-9.713219e-04	7.057345e-03	3.615553e-04	-1.611219e-03
## SPAC458.02c	1.652829e-03	-3.963610e-03	-2.956859e-03	-1.063275e-03
## SPNCRNA.1019	3.758211e-04	-7.517858e-05	-1.010222e-03	-7.196319e-04
## SPAC458.03	3.102088e-03	-5.098836e-03	-6.215159e-03	8.205967e-04
## SPNCRNA.1020	6.420413e-05	4.552947e-04	8.263421e-04	-2.785470e-04
## SPAC458.07	-1.511478e-03	-8.525874e-04	-1.480119e-03	-1.205045e-03
## SPAPYUG7.02c	2.402240e-03	2.292835e-03	-2.399955e-04	-1.978445e-03
## SPNCRNA.1022	-2.798348e-04	-8.482203e-05	-1.656868e-04	7.866680e-04
## SPAC1782.01	-1.679805e-03	-3.393446e-04	-2.526504e-03	-6.668953e-03
## SPAC1782.03	-1.225729e-03	-3.940444e-05	-9.367805e-04	-6.018432e-04
## SPAC1782.06c	8.266310e-04	1.181663e-03	-1.014089e-02	-4.780339e-03
## SPNCRNA.1023	-3.025405e-04	6.272795e-04	4.718207e-04	1.274304e-04
## SPAC1782.09c	1.315994e-03	1.843572e-03	-1.074975e-03	4.964586e-04
## SPAC1782.10c	1.406498e-03	-3.904938e-03	-9.816655e-03	1.189111e-02
## SPAC1782.11	-1.597800e-03	-5.373094e-03	-1.197732e-02	2.548479e-03
## SPAC11H11.02c	-2.073949e-04	2.881596e-03	3.185443e-04	-1.455065e-03
## SPAC11H11.01	-3.384019e-04	-2.007774e-03	-5.327963e-05	-3.953738e-04
## SPAC11H11.03c	-3.475890e-04	5.908359e-04	-1.128239e-03	2.235377e-03
## SPAC11H11.04	8.036986e-05	1.423810e-05	5.983459e-04	-2.315748e-04
## SPAC11H11.06	3.549819e-03	6.382216e-03	1.605201e-04	-1.087009e-02
## SPAC22F8.03c	-1.133530e-04	-1.772790e-04	1.297855e-04	1.027010e-04
## SPAC22F8.07c	6.611611e-04	1.935657e-04	-2.987957e-04	1.614251e-03
## SPAC22F8.08	1.186489e-02	-9.755141e-03	-1.565114e-03	-4.393801e-03
## SPAC22F8.11	1.322102e-03	-1.631827e-03	1.749329e-03	-4.181055e-03
## SPAC22F8.12c	1.398401e-03	-1.417913e-03	-4.116990e-04	-2.547110e-03
## SPAC20G4.02c	1.424915e-03	2.252926e-04	2.270545e-04	-8.728448e-04
## SPAC20G4.03c	4.278121e-03	-3.081511e-03	3.511113e-03	1.297589e-03
## SPAC20G4.04c	-8.430697e-04	-7.329976e-04	-3.606133e-03	2.136839e-03

## SPNCRNA.1027	7.341490e-04	1.764038e-03	-2.222449e-03	5.100225e-04
## SPAC20G4.09	-3.276537e-06	2.110476e-04	1.357612e-04	3.008612e-04
## SPAC20G4.07c	-2.468296e-03	-4.995401e-03	3.509553e-03	-9.339110e-04
## SPAC4F10.03c	4.201597e-03	2.911435e-03	-2.864722e-03	5.961752e-05
## SPAC4F10.04	4.367984e-03	9.891621e-04	2.564920e-03	4.122178e-03
## SPNCRNA.1028	1.566746e-03	-2.864734e-04	-1.862515e-03	1.998706e-04
## SPAC4F10.08	9.944212e-04	3.461921e-04	6.897673e-06	-1.395694e-04
## SPAC4F10.12	6.212409e-04	2.232531e-03	-3.706084e-03	-1.082607e-03
## SPAC4F10.13c	-2.214313e-03	-8.899486e-04	-4.727114e-03	-1.709417e-02
## SPNCRNA.1030	-1.550637e-04	-2.348791e-04	-1.726343e-04	3.926427e-05
## SPAC4F10.15c	-2.003868e-04	2.766433e-05	3.397679e-04	-9.817465e-04
## SPAC4F10.16c	-6.712528e-04	8.948021e-03	1.402055e-04	-1.770840e-03
## SPAC4F10.18	2.192903e-03	-5.749771e-04	-2.100280e-03	6.146704e-04
## SPAC4F10.19c	1.224868e-03	2.616466e-04	1.969708e-04	4.621055e-04
## SPAC19B12.01	3.888925e-03	6.405152e-03	-1.422053e-03	4.224774e-03
## SPNCRNA.255	8.519625e-05	1.533704e-04	-3.223109e-04	3.247010e-04
## SPAC19B12.03	-5.673500e-04	5.426035e-05	3.106137e-03	-8.983934e-03
## SPNCRNA.1034	-6.661929e-04	-2.100229e-04	-1.859651e-03	-2.067089e-04
## SPAC19B12.04	9.714590e-03	-7.578579e-03	-1.288535e-02	-1.703124e-02
## SPAC19B12.07c	-1.313721e-04	5.495394e-04	-8.463365e-04	-3.909905e-03
## SPAC19B12.10	-7.628430e-04	-9.575760e-05	-3.344677e-03	6.550049e-04
## SPAC19B12.12c	-3.115900e-04	-5.608608e-04	-8.807564e-04	9.819364e-04
## SPAC19B12.13	4.166314e-04	-1.019030e-04	-4.794485e-04	6.733306e-07
## SPNCRNA.1035	-7.314366e-05	-5.445308e-04	-8.308477e-04	1.904674e-04
## SPAPB8E5.04c	2.959430e-03	1.961381e-03	1.165388e-03	1.023189e-03
## SPAPB8E5.06c	-1.281117e-02	-6.976144e-03	6.513369e-04	-6.096283e-03
## SPAC1B3.01c	-2.873957e-03	-5.432794e-03	-6.407815e-03	3.935656e-03
## SPAC1B3.02c	1.312160e-03	2.158243e-03	-6.637917e-03	8.607448e-03
## SPNCRNA.1036	-3.594033e-04	-1.584460e-04	-5.855618e-04	-1.144981e-04
## SPAC1B3.03c	-5.374600e-03	-5.796642e-03	-5.734942e-03	4.845123e-03
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	2.326989e-04	-2.351645e-04	-4.365716e-04	8.284237e-04
## SPNCRNA.1038	-1.484594e-02	-2.680847e-02	-3.201864e-03	-4.155319e-03
## SPAC1B3.07c	2.450850e-03	2.921910e-04	-2.626172e-03	2.198805e-03
## SPAC1B3.08	-6.790023e-05	2.706043e-04	-5.473257e-03	5.837366e-04
## SPAC1B3.10c	5.314013e-04	1.686674e-03	1.183962e-03	-1.173762e-03
## SPAC1B3.11c	7.283577e-06	1.421501e-03	-5.030366e-04	-3.464504e-04
## SPAC1B3.20	1.283993e-03	3.202094e-04	-1.915453e-03	6.621871e-04
## SPAC1B3.13	-2.425845e-03	6.394277e-03	4.289807e-03	-4.934032e-03
## SPAC1B3.15c	4.168976e-04	4.622066e-04	1.032674e-04	-4.192639e-04
## SPAC1B3.16c	-2.815930e-03	9.037031e-02	-4.899264e-02	-1.953528e-02
## SPNCRNA.1039	2.472120e-05	1.958571e-04	-7.193419e-05	-1.393127e-04
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	2.517394e-03	2.792038e-03	3.314085e-03	2.914128e-03
## SPAC1952.05	1.150902e-03	1.216356e-03	-6.134762e-03	6.096445e-03
## SPAC1952.06c	5.078168e-04	2.779685e-03	-4.406437e-03	-3.958016e-03
## SPAC1952.08c	4.968829e-04	5.721876e-04	7.783043e-04	-2.926882e-03
## SPAC1952.11c	2.413767e-03	-9.930569e-04	3.228862e-03	3.855657e-03
## SPAC1952.13	8.764352e-04	-2.365174e-03	-2.848473e-03	-1.826141e-03
## SPAC1952.14c	-1.620573e-03	-2.021197e-04	-2.440285e-03	-1.107825e-03
## SPAC1952.15c	9.593421e-05	-1.113783e-04	-7.482136e-04	3.033379e-04
## SPAC890.02c	-1.428241e-03	6.849604e-04	6.725743e-04	-8.068475e-04
## SPAC890.05	-3.162797e-03	2.766926e-03	2.475104e-04	-2.547266e-03
## SPAC890.07c	1.408689e-02	1.620369e-03	-5.697549e-04	4.515758e-03

## SPAC890.08	-5.616763e-02	-9.168328e-03	-4.037814e-02	4.376772e-02
## SPNCRNA.258	-2.169372e-04	3.863623e-05	-3.041455e-05	6.953354e-05
## SPAC22E12.01	-2.225748e-04	9.887025e-04	1.007496e-03	7.860634e-04
## SPAC22E12.02	2.269772e-03	-2.324673e-03	1.152112e-03	-9.050322e-04
## SPAC22E12.03c	-3.749717e-03	3.766345e-03	-3.271317e-03	3.698243e-03
## SPAC22E12.05c	-1.160150e-03	-3.491183e-03	-2.379134e-03	4.630653e-03
## SPAC22E12.06c	1.494876e-03	3.586820e-03	-4.198822e-03	-1.355494e-03
## SPAC22E12.07	7.063116e-03	1.719991e-03	-5.834371e-03	1.586196e-04
## SPAC22E12.08	1.931800e-04	1.604698e-03	8.472136e-04	-1.017199e-03
## SPAC22E12.11c	2.595293e-03	-2.505304e-04	3.859486e-04	1.652995e-04
## SPAC22E12.14c	-2.020465e-03	5.762470e-03	-7.125998e-03	1.086599e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	1.436916e-03	5.852759e-04	1.745757e-03	1.061343e-03
## SPAC1006.05c	-7.913896e-04	5.200203e-03	2.623664e-03	-3.528025e-03
## SPAC1006.06	6.284968e-03	1.987739e-03	-2.148198e-03	3.807422e-03
## SPAC1006.07	2.427729e-03	5.926484e-03	5.941255e-02	5.398591e-02
## SPAC1006.08	6.296309e-04	1.268596e-04	-1.486183e-03	6.549234e-05
## SPAC1006.09	2.444729e-03	8.518846e-04	1.499909e-03	-4.260283e-03
## SPAC1250.05	2.373484e-03	-3.682102e-03	-4.611722e-03	9.110080e-04
## SPAC1250.04c	-1.382148e-04	4.615405e-04	-1.469659e-03	1.914077e-03
## SPAC1250.03	8.555280e-04	-2.705159e-04	2.185986e-04	1.488622e-03
## SPAC1250.02	-5.305856e-06	1.273287e-05	-3.154213e-04	-9.984245e-05
## SPNCRNA.1046	1.621441e-04	9.734589e-05	2.856628e-04	-2.335073e-04
## SPAC29A4.20	-1.440872e-03	-4.233789e-03	-1.451743e-03	-5.624165e-03
## SPAC29A4.19c	3.050761e-03	1.239241e-03	-6.401472e-05	-9.657921e-04
## SPAC29A4.17c	9.472476e-05	2.439360e-04	4.730482e-04	6.481779e-04
## SPAC29A4.16	3.190350e-03	2.687290e-03	1.674793e-02	-1.728904e-02
## SPAC29A4.15	5.481304e-04	-1.197578e-02	-2.918534e-03	-1.227080e-02
## SPNCRNA.1047	-2.626872e-04	1.293516e-04	2.691129e-05	9.607913e-05
## SPAC29A4.12c	-3.805714e-04	3.970636e-04	4.552540e-04	-1.578036e-04
## SPAC29A4.09	-8.186552e-04	-5.520834e-04	-5.110299e-03	-2.024186e-03
## SPAC29A4.08c	-5.392084e-03	-3.919457e-03	-8.563347e-03	-2.963703e-03
## SPAC29A4.07	1.439512e-03	-7.593943e-04	-7.130050e-04	-1.069856e-03
## SPAC29A4.06c	1.402894e-03	3.046389e-04	-8.364779e-05	-2.082735e-04
## SPAC29A4.04c	-6.083956e-03	1.204718e-02	-4.975695e-03	-2.067845e-02
## SPAC29A4.02c	1.403272e-05	-3.048033e-03	2.232617e-02	6.069717e-03
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-3.682363e-03	8.448028e-03	-5.023841e-04	-3.205688e-03
## SPSNORNA.16	-3.097962e-02	3.895846e-02	-4.550673e-02	-1.046794e-03
## SPAC26F1.13c	-5.191581e-03	8.157648e-03	-2.282265e-02	-9.812235e-04
## SPAC26F1.11	3.593079e-04	-8.673583e-05	-3.673887e-05	-8.285639e-04
## SPAC26F1.07	6.316085e-02	-7.326622e-02	5.570801e-02	-5.985129e-02
## SPAC26F1.05	-3.900320e-04	-6.078515e-04	-1.113269e-03	-1.099089e-03
## SPNCRNA.1056	1.313186e-04	-6.250587e-04	-6.341626e-04	-4.870561e-04
## SPAC26F1.04c	7.484519e-03	3.639534e-03	1.144152e-02	-1.008806e-02
## SPAC26F1.03	4.234175e-03	1.041632e-02	-7.202182e-03	-5.659079e-03
## SPAC26F1.01	-7.420718e-04	1.607207e-03	-1.309833e-03	-3.570704e-04
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-4.660689e-04	-7.168166e-04	-2.483212e-04	2.054926e-04
## SPAC19D5.01	-8.335136e-03	5.753050e-03	-4.588246e-04	1.101943e-05
## SPAC19D5.02c	4.352142e-04	2.636221e-03	2.708959e-04	-1.451815e-03
## SPAC19D5.04	7.009654e-03	1.056967e-02	-5.250007e-03	-1.843803e-02
## SPAC19D5.05c	4.674684e-05	4.788842e-04	-2.938421e-04	1.372544e-03

## SPAC19D5.11c	-2.312108e-04	-2.036382e-04	-1.776271e-04	8.393972e-04
## SPNCRNA.1060	-3.018340e-04	1.642394e-04	-1.704791e-04	-1.007408e-03
## SPAC14C4.01c	-2.623127e-03	-9.708477e-04	3.429589e-03	2.635224e-03
## SPAC19D5.07	-4.314923e-04	-9.510668e-04	-3.601386e-04	-6.122843e-04
## SPNCRNA.1062	-7.384800e-05	-3.090072e-04	1.419981e-04	1.349634e-04
## SPAC14C4.03	4.305211e-04	-1.865853e-04	-2.126571e-04	-3.372555e-06
## SPAC14C4.04	1.475216e-03	-3.671809e-03	-1.226813e-03	3.229852e-03
## SPAC14C4.05c	-3.244908e-04	5.749835e-04	1.548519e-03	3.022719e-03
## SPAC14C4.07	1.081768e-03	5.250473e-03	1.442966e-03	-2.193506e-03
## SPAC14C4.08	2.624417e-04	-2.083861e-06	-5.021618e-04	1.131473e-03
## SPAC14C4.09	2.950040e-04	5.017722e-03	-3.648361e-03	-7.474155e-03
## SPAC14C4.10c	1.727171e-03	4.252530e-04	-4.968634e-04	3.554937e-03
## SPAC14C4.11	1.360359e-02	-2.768835e-03	-1.091317e-03	-1.490110e-02
## SPNCRNA.261	-4.943218e-04	4.438698e-04	-1.893589e-04	1.184283e-04
## SPAC14C4.13	2.350067e-03	-4.616067e-05	-1.820580e-03	2.377875e-03
## SPAC14C4.14	-9.331218e-03	-6.052049e-03	1.185477e-03	1.493854e-03
## SPAC14C4.15c	-1.158443e-03	2.098605e-03	-2.560785e-03	-6.504306e-04
## SPAPJ760.03c	-5.718268e-04	7.525902e-03	-4.791692e-03	-2.250260e-03
## SPNCRNA.1064	-4.157396e-04	2.190870e-04	1.169719e-04	-1.116492e-04
## SPAC2H10.02c	8.914890e-04	-1.073430e-03	-5.930922e-04	-1.817214e-04
## SPAC11E3.03	-1.643111e-04	4.022772e-04	-4.834556e-04	-8.629907e-04
## SPAC11E3.04c	1.251544e-03	-2.320044e-03	-4.399370e-04	-1.763998e-03
## SPAC11E3.07	-6.926344e-03	3.851705e-03	-7.539707e-03	6.259257e-03
## SPAC11E3.08c	-3.611974e-05	8.394671e-05	-2.139876e-04	-2.054199e-03
## SPAC11E3.12	-7.741890e-04	-2.779342e-04	-3.832556e-04	-1.649209e-03
## SPAC11E3.13c	-8.212834e-04	1.234142e-02	-2.511898e-03	2.939712e-03
## SPNCRNA.1068	-1.730219e-05	-2.472134e-04	1.142837e-04	4.216611e-04
## SPAC11E3.15	1.266411e-02	-9.992962e-03	-3.532744e-02	1.021968e-02
## SPNCRNA.1070	-3.626024e-04	-1.343961e-05	5.761791e-04	-5.926828e-05
## SPAP8A3.05	1.077648e-04	3.492546e-03	-4.946157e-04	-3.582181e-03
## SPAP8A3.06	-2.017870e-03	-5.747060e-03	-3.005858e-03	9.178357e-04
## SPNCRNA.525	-3.855247e-06	4.227499e-05	-4.801636e-04	-2.633013e-05
## SPNCRNA.1073	7.627065e-04	-3.071296e-04	-1.608389e-03	6.179222e-04
## SPAP8A3.10	2.283172e-03	-1.518589e-04	-4.721472e-03	2.058795e-03
## SPAP8A3.12c	-2.273519e-03	1.592003e-02	5.084219e-03	-1.487868e-02
## SPAP8A3.13c	1.757804e-03	-1.156658e-03	-7.692325e-05	-1.731779e-03
## SPAC4D7.01c	4.858638e-03	3.017598e-03	-5.493719e-03	-4.805422e-03
## SPNCRNA.1075	-1.099073e-04	3.479418e-05	-5.104711e-05	1.716959e-04
## SPAC4D7.04c	-1.789486e-03	2.306015e-04	-1.841127e-03	-5.936775e-04
## SPAC4D7.05	-1.587934e-02	9.608751e-03	5.433127e-03	7.649775e-03
## SPAC4D7.06c	6.567182e-04	-1.953081e-03	-4.128187e-03	-2.728777e-03
## SPNCRNA.1077	-4.784431e-04	1.578338e-03	2.635415e-04	3.301723e-04
## SPAC4D7.07c	-1.231141e-03	-1.173233e-03	-1.561791e-03	-1.878381e-03
## SPAC4D7.08c	-1.278055e-02	1.079758e-02	-1.857992e-03	-2.309916e-02
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	1.371984e-04	3.704710e-04	5.336497e-05	1.855438e-04
## SPAC4D7.09	-7.948732e-03	5.819721e-03	3.188954e-03	-9.482149e-03
## SPAC4D7.14	6.070512e-04	1.117669e-03	-2.568873e-04	-5.855112e-04
## SPAC3G6.04	5.371999e-04	6.762557e-05	-5.085435e-04	-8.065308e-04
## SPAC3G6.06c	1.907638e-03	-5.733659e-05	-1.870609e-04	-1.966113e-03
## SPAC3G6.07	7.516889e-04	-9.581814e-04	-2.054474e-05	-4.882160e-04
## SPAC3G6.11	1.898749e-03	2.037743e-03	-2.260731e-04	5.285845e-04
## SPAC3G6.13c	-4.768504e-03	2.631538e-02	-9.059767e-02	4.632063e-02
## SPNCRNA.267	1.321992e-04	5.912066e-05	-7.329328e-05	-1.218096e-04

## SPAC29B12.02c	-2.772147e-04	3.923624e-03	-3.597842e-03	-1.095839e-02
## SPAC29B12.04	2.837600e-02	1.744345e-02	3.259923e-05	4.491810e-03
## SPAC29B12.05c	5.493670e-04	-5.720553e-04	-3.153955e-03	-2.724585e-04
## SPNCRNA.1081	-1.504025e-04	1.478363e-03	5.240956e-04	1.578699e-03
## SPAC29B12.06c	-1.930849e-03	1.299477e-03	-1.512711e-03	-2.841712e-03
## SPAC29B12.07	8.021412e-04	-4.419007e-03	-1.293374e-03	-3.722336e-03
## SPNCRNA.1082	5.532304e-04	2.527466e-04	-6.737306e-04	7.226703e-04
## SPNCRNA.270	-1.043820e-05	7.141137e-05	-1.022358e-04	-9.587028e-05
## SPAC29B12.08	9.226464e-05	-2.441135e-03	-3.616556e-03	-3.428025e-03
## SPAC29B12.10c	7.305818e-03	2.962809e-03	-1.878353e-02	-1.029634e-02
## SPAC29B12.11c	4.012817e-03	-3.217968e-03	1.791648e-03	-4.108654e-03
## SPATRNASER.04	1.242683e-03	-1.404370e-03	2.874240e-03	-1.284038e-03
## SPAC29B12.13	2.796043e-04	3.738230e-04	-6.709885e-04	-1.939857e-04
## SPNCRNA.271	6.629935e-06	1.133845e-04	3.188344e-04	-1.932327e-05
## SPNCRNA.272	2.280353e-05	2.318107e-05	2.784751e-07	1.241174e-04
## SPAC1039.01	-2.935387e-03	1.555517e-03	-5.298183e-04	-9.362270e-04
## SPAC1039.02	8.320378e-03	3.470236e-03	-8.606104e-04	4.623810e-03
## SPAC1039.03	-8.812397e-04	2.500251e-03	1.756731e-03	1.034316e-04
## SPAC1039.05c	7.461420e-04	1.102686e-03	-1.298003e-03	1.672714e-03
## SPNCRNA.1084	-2.224924e-04	1.848562e-04	2.784447e-04	1.240092e-04
## SPAC1039.06	1.500558e-03	-2.061265e-03	2.175995e-03	1.146726e-03
## SPNCRNA.1085	-2.813452e-05	3.312487e-04	5.188382e-06	-7.846728e-05
## SPAC1039.08	6.173712e-04	-4.066335e-04	1.498646e-04	5.777409e-04
## SPNCRNA.1086	-4.542200e-06	9.335285e-05	2.242656e-04	-5.275167e-04
## SPNCRNA.275	9.608772e-05	1.538528e-04	-5.966452e-05	3.727861e-05
## SPAC1039.09	4.724107e-04	-7.768427e-04	-3.031916e-05	5.756682e-04
## SPAC1039.11c	-7.364163e-04	1.599103e-05	-1.119264e-03	8.853066e-04
## SPNCRNA.1087	2.533624e-04	1.585374e-03	-1.995926e-04	3.182562e-05
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	2.303340e-04	2.448150e-04	-4.216128e-04	-5.703739e-04
## SPNCRNA.1089	-2.489178e-04	2.621148e-05	1.825745e-04	-7.237600e-05
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-1.889673e-03	4.870646e-02	-5.246352e-03	6.349743e-03
## SPNCRNA.278	6.745798e-05	3.894372e-04	-1.065458e-04	3.192114e-05
## SPAC922.06	-8.373669e-04	1.416579e-04	-1.372026e-03	-2.695708e-03
## SPAC922.07c	5.931104e-04	-2.389171e-03	-4.519832e-04	-1.654324e-03
## SPNCRNA.1090	-6.225759e-05	2.011730e-04	3.083944e-04	-3.312245e-04
## SPNCRNA.1091	-4.793732e-04	-1.868938e-04	5.865097e-04	-1.023085e-03
## SPNCRNA.1093	1.331780e-04	2.764281e-04	1.527255e-04	-4.876198e-05
## SPAC869.06c	-6.374190e-04	9.801155e-04	-1.115933e-03	-1.750620e-05
## SPNCRNA.279	-2.062925e-05	-5.235397e-05	-8.861072e-05	-6.020956e-05
## SPAC869.05c	-1.542023e-03	2.389842e-03	1.435210e-03	-1.253405e-03
## SPAC869.04	-9.527689e-06	3.689330e-05	-2.389750e-05	5.243238e-06
## SPAC869.03c	3.315520e-05	1.358675e-04	1.120579e-04	6.810570e-05
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	2.996371e-04	1.557592e-04	2.231797e-04	-8.525730e-05
## SPAC869.02c	2.082368e-03	9.680830e-04	8.852462e-04	7.821314e-03
## SPAC869.01	3.464963e-05	3.719288e-04	2.129332e-04	-7.496851e-05
## SPAC186.01	-5.068012e-04	1.160708e-03	4.281057e-05	-3.554221e-04
## SPNCRNA.96	-1.772063e-05	-2.292746e-05	-6.613760e-05	1.332530e-05
## SPAC186.03	4.738234e-05	-1.882275e-05	9.299531e-05	1.470305e-04
## SPAC186.04c	4.747149e-04	-6.747142e-04	-1.278599e-04	9.804008e-05
## SPAC186.06	8.178754e-05	2.874598e-04	-9.332856e-05	1.426326e-04
## SPNCRNA.310	1.730915e-05	-1.827017e-05	7.065713e-06	1.793216e-05

## SPAC750.01	4.590641e-04	4.004580e-03	-3.932509e-04	1.149949e-03
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	2.009322e-06	-1.102176e-04	7.409029e-05	-2.589323e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	-2.732130e-04	4.086928e-05	-1.736461e-04	1.122334e-04
## SPAC212.08c	2.155130e-04	-3.966000e-04	-2.673585e-04	-1.672077e-04
## SPAC212.07c	-2.643956e-05	1.405509e-04	-4.583417e-05	1.714405e-04
## SPAC212.06c	-7.582371e-05	3.214494e-05	2.197104e-04	2.868269e-04
## SPAC212.05c	2.663434e-05	-8.521499e-07	-2.298094e-05	3.277670e-05
## SPAC977.01	4.332831e-06	4.779261e-06	-2.569811e-05	-4.036774e-05
## SPAC977.18	5.548670e-05	-2.235694e-05	-5.094263e-05	3.404097e-05
## SPAC977.02	8.752927e-05	1.451385e-04	5.980927e-05	8.545419e-05
## SPAC977.06	6.423643e-05	-7.089530e-05	-2.799341e-05	2.504880e-06
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	9.225952e-05	-4.545817e-04	-9.293747e-04	-1.330625e-03
## SPAC977.10	3.813988e-03	2.301663e-03	-1.459848e-04	-9.006546e-03
## SPAC977.12	-8.912769e-04	3.639746e-03	-4.329978e-03	-3.359543e-03
## SPAC977.14c	-1.781505e-03	3.191203e-02	-9.533619e-03	1.177730e-02
## SPAC977.17	3.698851e-04	1.749344e-03	3.947015e-03	2.099926e-03
## SPNCRNA.137	-1.254903e-04	-2.465974e-05	6.074106e-08	1.169563e-04
## SPNCRNA.83	-3.971320e-04	-1.183094e-03	-5.337992e-04	8.208846e-04
## SPAPJ695.02	-6.895827e-04	2.383270e-04	-2.508614e-04	-4.253683e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	8.640976e-04	-3.974887e-04	1.510353e-04	1.185906e-03
## SPAC1F8.02c	-1.400922e-05	1.241261e-04	1.482836e-04	-7.534336e-07
## SPAC1F8.03c	-2.120755e-03	1.365373e-03	-8.481845e-04	9.464108e-03
## SPNCRNA.604	2.140113e-04	-3.132692e-04	5.910764e-04	8.471523e-04
## SPNCRNA.139	-4.892539e-06	-3.753481e-06	-2.806310e-06	-1.778278e-05
## SPNCRNA.605	-3.315627e-04	1.179153e-03	-1.130112e-03	-1.143046e-03
## SPAC1F8.04c	-5.637451e-04	4.294731e-04	2.575705e-04	3.318353e-04
## SPNCRNA.606	-6.760325e-04	2.695572e-04	-1.348961e-04	1.583399e-03
## SPAC1F8.05	5.729715e-04	7.823760e-05	-4.101534e-04	-3.012566e-04
## SPAC1F8.07c	-3.953482e-02	9.153236e-03	6.301714e-02	-8.907190e-02
## SPAC11D3.04c	-5.635585e-03	3.716279e-03	1.907136e-03	-3.822651e-03
## SPAC11D3.06	-1.146577e-03	5.897484e-04	-1.801893e-03	-2.573065e-03
## SPAC11D3.09	7.768168e-04	-3.470994e-04	1.976843e-03	5.363226e-05
## SPAC11D3.10	6.706254e-04	-2.446735e-03	-3.223517e-04	-8.684985e-04
## SPAC11D3.13	3.943669e-04	2.527883e-03	2.868031e-03	-5.669173e-03
## SPAC11D3.15	-2.828615e-03	3.335432e-03	2.452887e-03	-6.483123e-03
## SPAC11D3.17	7.145942e-04	2.552303e-03	-1.185095e-04	1.995794e-04
## SPNCRNA.611	-3.958968e-04	8.247535e-04	-5.914580e-04	-1.059059e-06
## SPAC5H10.02c	-2.226463e-05	1.065091e-03	-8.796608e-04	-1.878303e-03
## SPNCRNA.613	-7.901845e-04	-1.463054e-04	-2.295651e-04	8.803120e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	8.654005e-04	4.432969e-03	-2.488874e-03	-8.770326e-04
## SPAC5H10.07	-7.212024e-04	4.378670e-05	-6.291387e-05	8.156026e-04
## SPNCRNA.614	-2.007672e-04	-1.424370e-03	-1.100510e-03	-1.702636e-04
## SPNCRNA.615	-7.469137e-07	6.896740e-05	3.608908e-04	-1.135592e-04
## SPNCRNA.616	-2.650681e-04	4.480662e-04	-5.401188e-04	-8.570963e-04
## SPAC13G6.02c	-9.660173e-03	-4.906903e-02	-1.792980e-02	2.622409e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-6.159287e-04	-8.805778e-04	-3.303792e-03	5.101938e-03
## SPAC13G6.05c	9.907104e-05	1.593142e-03	2.171220e-03	2.918553e-04
## SPAC13G6.06c	5.012355e-03	3.904004e-04	-5.701514e-03	-1.472243e-03

## SPAC13G6.07c	-6.124573e-03	-4.776220e-02	1.135139e-02	1.050880e-02
## SPAC13G6.08	-6.384801e-04	-5.558026e-04	-3.163352e-04	-1.411019e-04
## SPNCRNA.619	1.261164e-03	-1.050634e-03	1.127248e-03	-9.939595e-04
## SPAC13G6.09	-2.127700e-03	-1.585101e-04	-3.369322e-03	1.274783e-03
## SPAC13G6.10c	3.168538e-02	1.744872e-02	9.574509e-03	-1.896826e-02
## SPAC13G6.11c	1.458463e-03	1.412178e-04	-6.868264e-04	5.633650e-03
## SPAC13G6.12c	1.114907e-03	2.645283e-03	-5.642766e-05	2.957542e-03
## SPAC13G6.13	-4.898535e-05	-1.158019e-05	-1.621503e-05	3.680160e-05
## SPAC24B11.06c	1.024401e-03	7.040055e-03	4.001780e-03	5.341101e-03
## SPNCRNA.622	3.940935e-04	4.840227e-04	-1.697733e-03	-4.075073e-04
## SPAC24B11.07c	2.549661e-04	-1.966353e-03	2.487979e-03	6.578616e-04
## SPNCRNA.623	1.647066e-04	-5.731559e-04	-6.743106e-04	1.316378e-03
## SPAC24B11.10c	-1.671976e-03	4.383183e-03	-3.960958e-03	-1.429188e-03
## SPAC24B11.14	4.463682e-05	-6.021003e-04	-7.984375e-04	-6.524565e-05
## SPAC24B11.13	1.233733e-03	4.025385e-03	-5.819483e-04	1.268721e-03
## SPAC806.03c	-1.454810e-03	9.246363e-03	4.014426e-03	7.263305e-04
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	-2.442909e-03	-2.461705e-03	-3.636337e-03	2.214412e-03
## SPAC806.05	-1.254738e-03	6.564464e-05	7.667113e-04	6.110414e-04
## SPNCRNA.629	7.796984e-06	8.681642e-04	-3.547037e-04	3.492148e-04
## SPAC806.08c	1.673527e-03	8.595099e-04	-2.428250e-03	1.233490e-03
## SPAC1639.01c	-9.410313e-03	5.752789e-03	-7.240041e-03	-1.900571e-03
## SPAC1639.02c	3.087169e-03	3.281158e-03	-1.531136e-03	-5.164476e-03
## SPNCRNA.631	-5.696526e-05	7.646159e-06	3.658621e-05	-2.609652e-05
## SPAC1F5.10	3.461789e-03	4.115782e-03	-6.566769e-03	-2.590007e-03
## SPNCRNA.634	1.498043e-03	1.187090e-05	-9.040102e-04	2.491597e-04
## SPAC1F5.09c	3.455741e-04	-7.316208e-04	-4.950617e-04	-3.977340e-04
## SPAC1F5.08c	7.212509e-04	-2.868093e-03	1.753156e-04	3.872486e-03
## SPAC1F5.06	-4.900369e-03	3.284860e-03	5.087597e-04	2.918476e-03
## SPAC1F5.05c	1.612492e-03	1.525637e-03	-6.785514e-04	-1.051983e-03
## SPAC1F5.03c	2.719425e-03	1.157498e-03	-6.574736e-03	-9.234027e-03
## SPAC18B11.11	-4.654855e-04	-2.994825e-03	-3.120321e-03	-3.800332e-03
## SPAC18B11.06	-3.472797e-05	2.876523e-03	6.486949e-04	-5.663450e-03
## SPAC18B11.05	1.061268e-04	-6.943695e-04	7.538679e-04	-2.424169e-05
## SPAC18B11.03c	2.708183e-03	-1.442534e-03	-1.175681e-03	-2.911237e-03
## SPAC12G12.16c	-1.078691e-03	2.738334e-03	6.764522e-04	-4.309187e-03
## SPAC12G12.13c	2.815448e-04	-1.749085e-03	-5.335374e-03	7.215130e-04
## SPAC12G12.12	1.302443e-03	2.687138e-03	-2.411021e-03	-5.665617e-04
## SPAC12G12.11c	-4.626750e-04	4.259959e-03	-4.974672e-03	1.588154e-03
## SPAC12G12.17	1.028745e-03	1.759896e-03	-2.232008e-03	1.280967e-03
## SPAC12G12.08	-5.273804e-03	-1.302914e-03	-4.603293e-03	1.199824e-04
## SPAC12G12.07c	1.617614e-03	-4.056238e-03	-1.362994e-03	-1.189271e-02
## SPAC12G12.05c	1.595422e-03	-4.375748e-04	-2.783978e-03	2.800296e-03
## SPSNORNA.29	-4.585410e-04	-1.960038e-03	8.691373e-04	-1.514373e-02
## SPAC12G12.04	2.842994e-02	-1.128565e-02	-2.969960e-02	1.579268e-03
## SPAC12G12.02	-1.909181e-03	1.748349e-03	-4.000319e-03	-3.433168e-03
## SPNCRNA.640	-1.830373e-04	-1.271833e-04	-1.469030e-04	-1.325819e-04
## SPAC12G12.01c	-3.408254e-03	3.553144e-03	3.060760e-03	-2.339991e-03
## SPAC630.04c	1.348419e-03	-1.897598e-03	-7.065106e-04	-1.408176e-03
## SPAC630.03	2.868570e-03	-2.909939e-03	1.290826e-03	5.064075e-03
## SPAC630.06c	-1.208176e-03	-2.452937e-03	-3.864896e-03	-6.016925e-04
## SPAC630.07c	3.936403e-04	1.584454e-03	1.504314e-03	-1.284220e-03

## SPNCRNA.641	-7.360229e-04	-7.040397e-05	-7.230679e-04	3.091837e-04
## SPAC630.08c	6.001127e-03	-5.887035e-03	-6.059738e-04	1.583982e-03
## SPNCRNA.642	5.917424e-05	3.402806e-04	-3.407518e-04	-1.488216e-04
## SPAC630.09c	-2.698979e-04	-9.253674e-04	1.195497e-03	-1.662237e-03
## SPAC630.10	-6.072243e-04	2.880102e-03	1.238263e-03	-8.408374e-04
## SPAC1751.03	-8.115570e-03	1.462062e-02	2.916744e-04	-1.236923e-02
## SPAC31A2.05c	-3.410277e-03	-6.376392e-03	-8.125688e-03	3.326769e-04
## SPAC31A2.08	-1.261226e-03	4.160527e-04	-4.318592e-04	-1.374609e-03
## SPAC31A2.10	3.305684e-04	-1.287731e-03	-2.638206e-03	-5.284359e-04
## SPAC31A2.15c	1.383957e-03	-1.923353e-03	-3.508252e-03	2.574644e-04
## SPAC13C5.02	-1.772494e-03	2.303104e-05	-3.890979e-03	3.716484e-03
## SPAC13C5.03	-3.445125e-04	-7.623218e-04	-2.334244e-03	-3.342016e-03
## SPSNORNA.01	-1.985463e-02	1.888271e-02	1.657189e-02	-2.017070e-02
## SPNCRNA.646	-1.456220e-04	1.418485e-04	-8.046681e-04	-1.100686e-03
## SPAC13C5.07	5.397685e-03	6.217181e-03	6.474105e-03	-2.882937e-02
## SPNCRNA.647	1.846667e-04	3.323097e-04	-6.046654e-04	-9.738255e-04
## SPNCRNA.648	8.145219e-04	-2.423836e-04	-5.158918e-04	-1.223453e-03
## SPAC23E2.01	-2.885683e-04	-3.847436e-03	-2.476855e-03	-1.190654e-03
## SPNCRNA.649	-1.027419e-04	-1.266670e-04	3.406905e-05	-7.526524e-05
## SPAC23E2.03c	8.629426e-04	1.051275e-04	-7.547020e-05	1.212708e-03
## SPNCRNA.650	2.034477e-04	-1.137720e-04	-1.047392e-04	4.327711e-04
## SPAC24H6.13	6.706363e-03	1.217977e-02	8.954147e-03	-1.229913e-02
## SPNCRNA.651	1.477521e-03	1.129390e-03	2.129299e-03	-1.852126e-04
## SPAC24H6.10c	4.447145e-03	-9.771397e-03	-3.531009e-02	-1.917482e-02
## SPAC24H6.08	-2.312173e-03	1.472320e-03	1.400986e-03	-1.274520e-03
## SPAC24H6.05	5.891020e-04	4.804847e-03	9.423041e-04	-3.682287e-03
## SPAC24H6.03	1.403146e-03	1.629009e-03	-1.582725e-05	1.260659e-03
## SPNCRNA.47	1.019217e-04	4.778702e-04	2.316376e-04	1.742625e-04
## SPAPB21F2.02	9.407077e-03	3.478388e-03	4.863063e-04	-3.347977e-03
## SPAPB21F2.03	-2.853069e-04	9.331137e-04	9.986413e-05	1.466143e-03
## SPAC227.01c	9.835866e-04	9.710855e-04	2.175347e-03	1.463505e-04
## SPAC227.02c	-1.656319e-03	-1.482056e-04	-5.012096e-03	3.024299e-04
## SPAC227.03c	-1.473511e-04	6.102176e-04	-1.530501e-03	-8.387078e-04
## SPNCRNA.656	-1.196540e-04	-3.143300e-04	-2.452542e-04	-6.302472e-04
## SPAC227.04	1.586507e-03	-1.982030e-03	-1.852313e-04	1.089658e-03
## SPNCRNA.658	1.886911e-04	-1.864393e-04	-4.757840e-05	-2.483140e-05
## SPAC227.14	4.447778e-04	-8.302282e-04	3.071505e-04	-2.041975e-03
## SPAC227.15	1.474528e-03	1.299552e-03	-1.314025e-03	2.939528e-03
## SPNCRNA.659	-7.847566e-04	-4.260996e-03	-6.630374e-03	-1.547789e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	-1.760733e-03	2.084513e-03	-5.632886e-03	-4.444885e-03
## SPAC227.18	-3.951495e-03	5.427883e-03	-9.102385e-04	8.370339e-03
## SPAC2F7.02c	1.074809e-03	1.487350e-03	-1.583404e-03	-1.021162e-03
## SPAC2F7.03c	1.134415e-03	8.537651e-04	-5.972624e-03	-1.484848e-03
## SPAC2F7.05c	2.148096e-02	1.966409e-03	-8.796975e-03	1.284158e-04
## SPAC2F7.06c	1.928635e-04	1.053819e-04	-1.638789e-04	1.040145e-04
## SPAC2F7.07c	-5.131299e-04	-4.631009e-03	1.435258e-03	2.738035e-03
## SPAC2F7.08c	-3.060717e-03	8.730552e-04	-2.135008e-04	-1.846220e-04
## SPAC2F7.09c	-1.546604e-03	2.680768e-03	-3.523157e-03	-2.611903e-03
## SPAC2F7.10	-5.700256e-04	-2.147165e-03	-2.657896e-03	7.702397e-03
## SPAC2F7.11	2.437938e-04	2.156861e-03	-2.045237e-03	-4.307950e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-3.949554e-03	-4.035370e-04	2.445180e-03	-3.612405e-03
## SPAC2F7.16c	-9.012815e-04	-6.806870e-04	3.375574e-04	-8.528715e-03

## SPAC2F7.17	-3.244375e-03	6.515336e-04	-3.099046e-03	-4.531186e-04
## SPAC13A11.02c	1.010079e-04	-1.589843e-02	7.745604e-03	-1.122496e-02
## SPNCRNA.155	-1.268637e-05	1.496693e-04	8.805835e-05	-1.132856e-04
## SPNCRNA.662	3.109734e-04	3.347727e-04	9.627963e-05	-1.395224e-04
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-2.136688e-03	1.228545e-03	1.699796e-04	5.510183e-04
## SPAC3H8.05c	2.801302e-03	-3.794716e-03	2.496732e-03	5.725509e-03
## SPNCRNA.664	-1.723273e-04	5.591472e-04	6.706374e-04	-5.146640e-04
## SPNCRNA.665	-5.921329e-05	-1.344458e-04	-1.574890e-04	3.873284e-05
## SPAC3H8.06	4.349303e-03	-3.345849e-03	-4.408880e-03	8.427382e-03
## SPAC3H8.07c	-4.915644e-04	1.854089e-03	-7.776683e-04	-2.468989e-04
## SPNCRNA.666	-6.419512e-04	1.947457e-03	-2.674239e-04	-1.905890e-03
## SPAC3H8.09c	-5.462885e-05	2.156669e-04	2.386297e-03	-2.366408e-03
## SPAC1F3.07c	6.747223e-04	8.394622e-04	2.422612e-03	-4.910273e-04
## SPNCRNA.668	6.978738e-04	1.029445e-03	-1.339372e-03	-5.934666e-04
## SPAC1F3.08c	-3.800421e-06	-1.304838e-06	1.473492e-05	-1.705561e-05
## SPAC1F3.09	1.208004e-03	1.349613e-03	-1.790492e-03	-8.884125e-03
## SPNCRNA.669	-1.678736e-04	4.350560e-04	6.671122e-04	-3.332593e-04
## SPAC1F3.10c	1.891295e-03	-6.903443e-04	-1.368480e-03	-1.079661e-04
## SPAC1D4.04	1.990957e-03	1.885905e-02	-2.109673e-03	-6.910904e-03
## SPAC1D4.06c	6.174095e-04	-1.567476e-03	-1.154566e-03	3.040894e-03
## SPAC1D4.08	2.954854e-03	1.385979e-04	-3.384340e-03	1.348210e-03
## SPAC1D4.09c	1.570238e-03	8.133064e-04	4.189325e-04	-2.910672e-03
## SPAC1D4.11c	-2.096982e-03	3.257655e-03	-1.930196e-03	-1.435499e-03
## SPNCRNA.672	1.050270e-03	1.658419e-03	1.167241e-03	-2.690413e-06
## SPNCRNA.673	8.209086e-05	-2.202148e-04	2.137584e-04	-6.920418e-06
## SPAC1D4.13	1.375628e-03	4.785866e-03	2.480009e-03	-6.010656e-03
## SPNCRNA.674	9.882298e-04	9.100459e-04	2.682165e-04	-1.414076e-04
## SPAC22F3.12c	-1.999657e-04	-1.282219e-03	1.673569e-04	1.330948e-03
## SPAC22F3.09c	5.800960e-04	2.545652e-03	7.384119e-05	2.535249e-03
## SPAC22F3.15	-1.058071e-04	-7.246986e-04	-1.651372e-03	4.035101e-04
## SPAC22F3.06c	1.684012e-03	4.756925e-03	-1.183724e-02	3.326687e-03
## SPAC22F3.04	-1.817338e-04	2.001954e-04	-7.960921e-05	9.171507e-05
## SPATRNAVAL.02	-1.506156e-02	-2.783268e-02	2.611932e-02	7.315314e-02
## SPAC22F3.02	4.214304e-04	-7.694554e-05	-4.247708e-04	8.248812e-04
## SPAC1296.01c	3.392777e-03	-1.706048e-03	5.525098e-03	-2.473139e-03
## SPAC1296.02	2.326034e-03	1.737342e-03	-1.753864e-03	2.574812e-03
## SPATRNAAGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	-1.553524e-03	-1.151598e-03	-1.834482e-03	-1.854424e-03
## SPAC1296.06	2.383130e-03	1.102065e-03	-1.426612e-03	-2.315881e-03
## SPAC22G7.02	3.951577e-05	1.778687e-03	1.074673e-03	8.564636e-04
## SPAC22G7.04	-2.570579e-03	-5.811658e-03	-4.221658e-03	3.575844e-03
## SPAC22G7.06c	-2.205294e-02	-1.704844e-02	-1.704626e-02	-1.070967e-01
## SPAC22G7.07c	2.263650e-03	1.671160e-03	5.535219e-04	1.072304e-04
## SPAC22G7.08	1.429319e-03	-1.683857e-05	1.309876e-03	9.672023e-04
## SPAC22G7.11c	2.069429e-03	5.824542e-04	-1.760885e-04	-5.841948e-04
## SPNCRNA.679	8.817700e-04	-4.669930e-04	-6.502478e-05	-2.035992e-04
## SPNCRNA.680	1.236184e-04	-1.324297e-04	-1.268957e-04	8.643745e-05
## SPAC4G8.04	-6.099182e-04	-1.237494e-03	-1.421350e-03	1.147908e-03
## SPAC4G8.05	-2.004012e-03	-4.447894e-03	-1.021366e-03	2.293717e-03
## SPAC4G8.07c	-1.009861e-03	3.743267e-04	-8.318045e-04	-1.673731e-03
## SPNCRNA.681	-1.332907e-05	1.757047e-06	2.249062e-05	-3.704771e-05
## SPNCRNA.682	-1.447967e-03	2.634368e-04	-3.646296e-04	-3.342578e-04
## SPAC4G8.09	3.855747e-03	1.223961e-03	-6.804476e-04	-8.421690e-03

## SPNCRNA.683	-5.209610e-04	7.302175e-04	-3.628675e-04	-8.092247e-04
## SPAC4G8.10	7.299038e-04	2.176039e-03	-5.528868e-04	-1.629529e-03
## SPNCRNA.684	-6.383294e-04	-6.160051e-04	-1.967301e-04	4.636922e-04
## SPAC16C9.01c	9.489525e-04	7.425633e-04	-2.298047e-03	-5.330649e-03
## SPNCRNA.685	-2.455276e-04	5.111612e-05	-3.406824e-04	-1.557264e-04
## SPNCRNA.686	8.035225e-04	7.408053e-05	1.056849e-03	-7.324052e-04
## SPAC16C9.02c	-5.227189e-04	9.549766e-03	-2.076397e-02	-1.564141e-03
## SPAC16C9.03	5.202649e-03	-6.359519e-03	1.343940e-03	2.588749e-04
## SPAC16C9.04c	1.444354e-03	-5.094692e-04	-4.101366e-03	-1.770191e-03
## SPNCRNA.687	-4.565047e-05	5.238312e-05	-4.096441e-04	1.156626e-03
## SPAC16C9.06c	-6.478674e-04	9.561455e-04	-2.021291e-03	7.070030e-03
## SPAC16C9.07	2.282164e-03	6.611873e-04	-5.572368e-03	-2.769386e-03
## SPAC2G11.04	2.100506e-04	2.913292e-04	6.134613e-04	2.025223e-03
## SPAC2G11.05c	2.272874e-03	2.508204e-03	1.126102e-04	-5.167176e-04
## SPAC2G11.08c	1.135200e-03	1.443688e-03	-5.968870e-04	3.685510e-04
## SPAC2G11.10c	7.750677e-04	7.972486e-04	-1.397418e-03	-1.461884e-03
## SPNCRNA.689	1.808530e-04	2.671547e-04	-5.925978e-04	-4.089891e-04
## SPAC2G11.11c	2.221402e-03	-1.511683e-03	8.446174e-05	-3.270020e-03
## SPNCRNA.690	1.112090e-04	-6.336707e-05	-4.032838e-04	3.153505e-04
## SPAC2G11.13	6.650155e-04	2.811048e-03	4.607691e-04	2.639973e-03
## SPAC2G11.14	4.216368e-03	-1.232414e-03	-1.613359e-03	-2.310431e-03
## SPAC2G11.15c	1.489534e-04	1.039378e-03	6.065833e-04	1.110313e-03
## SPAC521.04c	5.266710e-03	4.501368e-03	3.832221e-03	-7.205946e-03
## SPNCRNA.693	5.215616e-06	-6.033049e-07	4.017881e-05	1.216509e-04
## SPAC23G3.02c	-7.197964e-03	1.116683e-03	-7.043243e-03	2.866356e-03
## SPAC23G3.03	-2.382726e-03	1.932094e-03	-1.688461e-03	1.834556e-03
## SPAC23G3.05c	-5.647044e-05	3.141593e-03	-2.216624e-04	-3.785745e-03
## SPAC23G3.09	1.182501e-04	1.360562e-03	-1.382496e-03	5.878134e-04
## SPAC23G3.11	-1.254393e-02	8.870390e-03	6.442716e-03	-7.518912e-03
## SPAC23G3.12c	3.039861e-03	4.776138e-03	7.882319e-03	-1.007590e-02
## SPAC22H12.03	-1.157804e-03	-2.096719e-03	7.324132e-04	9.114005e-04
## SPAC22H12.04c	8.306359e-02	-8.297963e-02	-1.532231e-02	6.363154e-03
## SPAC1687.02	-1.247446e-03	1.878017e-03	-1.828787e-04	-9.181205e-04
## SPAC1687.03c	2.985630e-03	1.985556e-03	-5.125928e-03	1.257296e-03
## SPNCRNA.695	-5.852018e-04	2.627868e-04	3.254354e-04	-1.818906e-04
## SPRRNA.12	5.237209e-02	-2.527376e-02	-2.196790e-01	-5.102975e-02
## SPAC1687.07	4.097530e-04	-1.028726e-03	-8.010712e-04	-1.667400e-03
## SPAC1687.08	-2.816651e-04	-3.613500e-04	-2.705541e-04	-8.037836e-05
## SPAC1687.09	-3.396201e-03	6.827550e-03	-5.345932e-03	2.491373e-03
## SPAC1687.10	1.795215e-03	-1.353295e-03	1.575440e-03	-3.948775e-03
## SPAC1687.13c	-1.126957e-03	-1.416943e-03	-1.060123e-03	2.018422e-04
## SPAC1687.23c	2.305119e-05	1.439515e-05	2.638859e-05	4.888927e-06
## SPAC1687.15	1.363551e-03	-1.319741e-03	-2.932628e-03	4.288174e-03
## SPNCRNA.697	5.606003e-04	-2.717821e-04	-2.854527e-04	-1.811836e-06
## SPAC1687.21	-6.840971e-03	6.001855e-03	-4.209836e-03	-2.014581e-03
## SPAC1687.22c	4.762654e-03	-8.772680e-04	2.834696e-04	-8.917621e-04
## SPNCRNA.698	-4.103609e-04	5.037654e-04	1.353771e-03	-8.664379e-05
## SPNCRNA.699	1.370765e-04	-8.915452e-04	-4.414224e-04	1.956225e-05
## SPAC222.05c	6.516888e-04	-2.382990e-03	-2.454318e-04	-9.048751e-04
## SPNCRNA.700	1.581881e-04	6.116447e-04	5.986783e-05	6.777055e-04
## SPATRNLGLU.02	-1.243837e-01	-4.092683e-02	-8.548053e-02	6.864186e-02
## SPAC222.09	6.075082e-03	5.387935e-03	1.839900e-03	-4.208220e-04
## SPAC222.10c	1.507744e-03	-2.123403e-03	-1.416711e-03	-2.221767e-03
## SPAC222.11	1.187749e-04	-4.178327e-03	-1.667143e-03	-5.851369e-03

## SPAC222.12c	-2.679921e-02	-6.009936e-02	-2.257149e-02	1.964201e-02
## SPAC222.13c	-3.548633e-04	-1.133746e-03	1.285926e-04	-3.882471e-03
## SPAC222.14c	2.473489e-03	-8.047163e-04	2.654786e-03	3.791109e-03
## SPNCRNA.50	-1.130165e-05	1.196268e-04	-9.511668e-05	-1.745132e-04
## SPAC821.03c	1.733253e-03	3.190094e-03	-2.079129e-03	-1.009956e-03
## SPAC821.04c	-1.603191e-03	2.324729e-03	9.683851e-04	7.004422e-04
## SPSNRNA.03	-4.094534e-02	3.984753e-02	-9.767889e-02	7.315798e-02
## SPAC821.07c	-4.122157e-03	2.828179e-03	-4.167031e-04	-2.680156e-03
## SPNCRNA.163	-1.466291e-04	4.587349e-05	-1.544867e-04	9.622232e-05
## SPNCRNA.164	3.078705e-05	5.732263e-05	2.188447e-05	-3.824029e-05
## SPAC821.11	2.672683e-03	4.282291e-03	-5.728643e-03	2.527478e-03
## SPAC821.13c	3.506428e-03	2.000677e-04	-5.744948e-03	6.653136e-04
## SPAC139.03	2.690081e-03	1.934610e-03	3.974070e-04	-6.944625e-04
## SPAC139.04c	2.204728e-03	3.065142e-04	4.540961e-04	1.607035e-03
## SPNCRNA.705	-1.131276e-04	-1.657069e-05	-6.851736e-05	6.702083e-05
## SPAC139.05	-4.273814e-02	1.954280e-02	-1.776072e-02	1.768469e-04
## SPNCRNA.706	-5.863369e-04	1.353026e-03	-2.002338e-04	-8.585616e-04
## SPAC139.06	5.466313e-04	4.030504e-03	1.128782e-04	2.766926e-03
## SPNCRNA.707	-4.896975e-04	-5.886794e-04	-3.410569e-05	2.076133e-04
## SPAC23C4.02	-7.408007e-04	3.583291e-04	-4.830935e-03	-1.933057e-03
## SPAC23C4.04c	-3.250464e-04	1.272396e-03	-4.281369e-04	6.882203e-04
## SPAC23C4.07	9.128038e-04	1.954204e-03	1.062136e-03	-2.589195e-03
## SPAC23C4.08	5.950152e-03	3.703430e-03	-4.813447e-03	3.809525e-03
## SPNCRNA.708	-1.879707e-04	-9.393768e-04	1.747918e-04	-4.454490e-04
## SPAC23C4.12	-1.463246e-03	-1.430760e-04	-1.990022e-03	8.079931e-04
## SPAC23C4.16c	-5.124545e-03	1.186436e-03	1.532785e-03	-2.290775e-03
## SPNCRNA.709	1.260958e-04	-2.783944e-04	-1.254657e-03	1.146707e-03
## SPNCRNA.166	-1.018165e-04	-1.398862e-04	8.287109e-05	-6.571560e-05
## SPAC23C4.19	3.191473e-03	-2.840156e-03	-3.892445e-05	-3.233981e-03
## SPAC1A6.11	1.577295e-04	2.254980e-04	2.144925e-04	1.971983e-06
## SPAC1A6.05c	4.603491e-03	6.002230e-03	-2.306919e-03	-1.649033e-03
## SPAC1A6.07	-3.725704e-03	4.108241e-03	-4.216568e-03	-2.663935e-04
## SPAC1A6.09c	-1.122468e-04	3.794595e-03	-1.315180e-02	2.420307e-04
## SPAC1A6.10	8.114622e-03	4.386674e-03	3.015118e-03	4.546782e-03
## SPAC30D11.13	1.200481e-03	-7.231955e-04	-2.204617e-03	1.611479e-03
## SPAC30D11.12	-1.145076e-02	-8.015158e-03	6.837021e-05	8.704335e-03
## SPAC30D11.11	-7.636031e-03	1.391252e-02	5.418565e-03	-2.884077e-03
## SPAC30D11.10	1.474115e-03	-2.474660e-03	-3.577066e-03	1.108578e-03
## SPNCRNA.712	5.576482e-04	1.016607e-05	-2.109725e-04	-1.854878e-04
## SPAC30D11.09	2.399229e-03	-1.142826e-05	9.371019e-04	-5.225728e-05
## SPAC30D11.08c	1.195278e-03	-7.690397e-04	-1.333263e-03	1.375998e-03
## SPAC30D11.04c	2.299146e-03	-2.459816e-03	1.078352e-03	-7.574842e-03
## SPAC30D11.03	3.620173e-03	3.766195e-03	4.596162e-03	2.512650e-03
## SPAC30D11.01c	3.558218e-04	-2.653371e-03	2.176320e-03	-8.158231e-04
## SPNCRNA.713	-1.719989e-04	3.198662e-04	1.467125e-04	5.235504e-04
## SPNCRNA.714	-7.424889e-05	-8.981765e-05	-9.356214e-05	6.033287e-05
## SPAC56F8.03	2.295137e-03	9.141569e-03	-1.663743e-02	-1.749702e-02
## SPAC56F8.05c	-3.516792e-03	1.019472e-02	-6.478640e-03	3.831929e-03
## SPNCRNA.715	7.748305e-04	-2.828912e-05	3.625883e-04	-3.781013e-04
## SPAC56F8.07	-2.601031e-03	-6.324079e-04	6.996197e-04	-9.604954e-05
## SPAC56F8.08	-5.955522e-03	-2.901081e-03	-2.023969e-03	-7.463372e-03
## SPAC56F8.10	2.660840e-03	-2.066665e-03	7.084860e-03	-5.627707e-03
## SPAC56F8.11	1.612671e-03	2.624620e-03	-5.732180e-03	4.880032e-04
## SPAC56F8.14c	-3.134553e-03	1.706480e-03	-1.613052e-03	-3.104817e-03

## SPAC56F8.13	3.692221e-04	2.298771e-04	-1.912176e-04	2.315333e-04
## SPAC56F8.15	4.120424e-04	1.468583e-03	7.356194e-04	8.006668e-05
## SPAC22A12.01c	1.373858e-03	3.995601e-03	-2.370923e-03	5.853925e-04
## SPAC22A12.03c	-1.425188e-03	2.673823e-03	-3.503403e-04	-3.167756e-03
## SPAC22A12.05	-1.200862e-03	1.380813e-03	-3.113406e-03	3.060671e-03
## SPAC22A12.06c	-1.406946e-03	3.444105e-03	-1.492249e-04	8.383138e-04
## SPNCRNA.718	-2.228944e-04	5.488837e-04	-9.587163e-04	5.164263e-04
## SPAC22A12.13	1.428342e-03	-1.232599e-03	-2.194122e-03	1.434846e-03
## SPAC22A12.15c	3.619625e-02	2.127181e-02	2.481435e-02	1.210543e-02
## SPAC22A12.16	-1.330783e-02	4.466154e-03	4.458153e-03	-1.480735e-02
## SPAC4C5.01	3.131704e-03	2.579795e-03	-2.359718e-03	1.878441e-03
## SPATRNAALA.02	-3.120924e-03	-1.871059e-03	1.653881e-03	1.184059e-03
## SPNCRNA.722	-2.074853e-03	-6.909843e-04	4.028869e-04	-4.440601e-04
## SPAC4C5.04	-7.186022e-05	2.846064e-03	-5.798140e-04	-8.178482e-04
## SPNCRNA.723	4.359324e-04	1.180578e-03	3.487734e-04	-7.161725e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	4.677977e-02	2.065582e-02	-1.064393e-02	-1.547031e-02
## SPAC10F6.04	1.968738e-03	1.697809e-03	-1.666103e-03	-2.517471e-03
## SPAC10F6.06	1.227519e-02	1.099554e-02	3.948755e-02	-2.406234e-02
## SPAC10F6.07c	1.726953e-04	-4.609157e-04	-5.942722e-04	7.232611e-06
## SPNCRNA.554	-2.978491e-06	-1.122802e-04	-5.097293e-04	1.053988e-04
## SPAC10F6.08c	6.284701e-04	-1.308952e-03	-7.316844e-04	-3.827310e-04
## SPAC10F6.09c	-3.342845e-03	2.499098e-03	5.224074e-03	-2.047874e-03
## SPAC10F6.11c	4.370644e-03	-9.429719e-04	5.694801e-04	7.930358e-04
## SPAC10F6.12c	-1.891586e-03	3.588122e-03	-4.012765e-03	-2.266326e-03
## SPAC10F6.13c	-6.577280e-03	1.504788e-02	-1.353290e-02	5.381232e-03
## SPAC10F6.14c	2.583020e-03	2.406662e-03	8.583157e-04	3.235850e-04
## SPNCRNA.82	2.753589e-05	7.389705e-05	-6.599876e-05	1.549120e-04
## SPNCRNA.727	3.715735e-04	-7.538186e-04	-2.779830e-04	2.418477e-03
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	1.206667e-03	4.823078e-05	1.336201e-03	-2.430624e-03
## SPNCRNA.729	9.213625e-05	3.975933e-05	-3.609546e-05	-1.898109e-04
## SPAC10F6.16	4.791132e-03	-7.800061e-04	-7.107525e-03	-7.446943e-03
## SPAC56E4.02c	-1.738381e-03	1.157259e-04	-1.804650e-05	-1.664243e-03
## SPAC56E4.04c	-2.729218e-02	4.579783e-02	-3.203397e-03	-3.809261e-02
## SPAC56E4.05	9.111199e-04	-1.073533e-03	-1.827687e-03	3.171550e-04
## SPAC56E4.06c	-6.715508e-05	-2.537654e-03	-3.099877e-03	-2.892307e-03
## SPAC1420.01c	3.620832e-03	3.194949e-03	-4.270827e-03	-3.824083e-03
## SPAPB17E12.04c	-8.786055e-04	-1.516280e-03	-3.219274e-03	2.924906e-03
## SPAPB17E12.06	-8.381064e-04	7.908007e-05	-1.809380e-03	1.204885e-03
## SPAPB17E12.07c	4.433770e-04	-1.439171e-03	4.530897e-04	-2.046479e-03
## SPAPB17E12.08	1.118721e-03	1.071457e-03	-4.706060e-04	-6.701059e-04
## SPAPB17E12.10c	2.122809e-03	7.422746e-04	-4.901444e-06	-1.922212e-03
## SPAPB17E12.09	1.156761e-04	4.721573e-05	3.067680e-04	3.426417e-04
## SPAPB17E12.12c	-8.843172e-04	-2.382193e-04	8.510192e-04	-5.570686e-04
## SPAPB17E12.14c	-3.925347e-03	2.473838e-03	-2.607108e-03	-7.209588e-03
## SPAPB17E12.13	-2.001063e-03	-1.471153e-02	-1.334360e-03	-2.359592e-02
## SPAC1565.01	2.361692e-03	-4.450415e-03	-3.403572e-03	6.702428e-03
## SPAC1565.02c	2.611807e-03	-1.115180e-03	1.359526e-03	1.392753e-03
## SPAC1565.04c	4.076081e-04	8.536061e-04	-5.512379e-04	-4.088937e-04
## SPNCRNA.169	6.369819e-05	-8.186385e-05	1.515604e-05	2.566743e-05
## SPAC1565.08	-3.687332e-03	-3.202738e-02	-1.718761e-02	-6.436459e-03
## SPAC6F12.02	-2.118474e-03	2.133404e-03	-1.634921e-03	-1.723240e-03
## SPAC6F12.03c	1.096641e-03	6.597088e-04	-1.114875e-03	2.023914e-03

## SPAC6F12.04	-2.223546e-04	4.263936e-03	-2.879464e-03	5.209592e-03
## SPAC6F12.05c	2.752880e-03	-1.292665e-03	-5.689055e-04	5.646289e-04
## SPAC6F12.10c	4.817861e-03	3.353806e-02	-2.488893e-02	-5.306588e-03
## SPNCRNA.734	-1.514972e-06	-2.704272e-05	-1.550542e-06	-8.370959e-05
## SPAC6F12.11c	-1.271546e-04	3.701966e-03	-4.882727e-04	-3.153296e-03
## SPAC6F12.14	-9.987475e-04	2.782167e-03	-1.381526e-03	-8.077499e-04
## SPNCRNA.735	-5.815193e-04	8.867020e-04	-2.048591e-04	-7.036680e-05
## SPAC6F12.16c	-1.126240e-03	5.460740e-03	-1.150835e-02	-1.563964e-02
## SPAC6F12.17	-2.542102e-03	6.504738e-03	2.158278e-04	-5.536137e-03
## SPNCRNA.736	6.109333e-04	2.952477e-04	-8.098012e-04	6.453627e-04
## SPNCRNA.737	5.166244e-04	9.843181e-05	4.926116e-05	5.933277e-04
## SPAC57A10.02	1.947954e-03	2.995058e-04	8.564495e-04	2.346597e-03
## SPNCRNA.739	6.848491e-04	-6.318192e-04	-1.436769e-04	1.256850e-03
## SPAC57A10.04	-4.337297e-04	-4.339550e-04	-2.418288e-05	1.324023e-03
## SPAC57A10.14	-1.496102e-04	2.153548e-03	-1.995064e-03	-1.381093e-03
## SPAC57A10.10c	5.853769e-03	-1.050065e-02	2.883049e-03	1.752463e-03
## SPAC57A10.11c	-4.635950e-03	5.938503e-04	1.105469e-03	-6.920074e-03
## SPAC20G8.01	-3.189533e-03	2.633469e-03	-3.027284e-04	-1.813903e-03
## SPAC20G8.02	1.512084e-03	3.808986e-03	-3.411199e-03	-2.970835e-03
## SPNCRNA.58	1.218593e-03	-5.195344e-04	1.088354e-03	6.905757e-05
## SPAC20G8.03	-4.689298e-03	3.844105e-03	1.196345e-02	8.155250e-03
## SPNCRNA.740	-1.282852e-05	1.991116e-03	-3.895539e-04	2.265278e-03
## SPAC20G8.07c	2.953709e-03	2.636150e-03	-3.114915e-03	-2.413356e-03
## SPATRNCACYS.01	-3.406496e-03	1.211385e-03	1.670388e-03	4.902712e-03
## SPAC3A12.02	1.519533e-04	2.861708e-06	-1.133388e-03	9.784503e-04
## SPAC3A12.03c	-2.811039e-03	4.665026e-03	-2.092914e-03	-1.080706e-03
## SPAC3A12.05c	6.695992e-03	-1.906751e-03	-2.494310e-03	1.096204e-04
## SPAC3A12.06c	3.493729e-04	1.313125e-03	2.882688e-03	2.391189e-03
## SPAC3A12.08	-2.216586e-03	-6.362275e-04	9.934659e-05	-7.296179e-04
## SPAC3A12.09c	-1.431297e-03	-7.136494e-04	-4.369226e-03	1.533445e-03
## SPAC3A12.10	2.414702e-03	-1.082711e-02	2.876251e-02	-1.674725e-02
## SPAC3A12.12	-2.939893e-04	-5.877847e-04	-2.438552e-03	-1.190023e-03
## SPAC3A12.13c	1.636038e-03	-4.810242e-03	-1.073536e-02	-6.225484e-03
## SPATRNCAPRO.03	-7.918831e-03	6.555626e-03	5.552226e-03	-4.208298e-03
## SPAC3A12.16c	2.698792e-03	3.620409e-03	5.290938e-03	6.303061e-03
## SPAC3A12.17c	2.192285e-04	1.062088e-03	6.089877e-04	-1.705911e-03
## SPAC9.02c	-2.263671e-03	2.268649e-03	-4.732006e-03	-2.375220e-03
## SPAC9.04	9.056964e-05	-1.999735e-05	-3.687869e-05	1.314696e-04
## SPAC9.07c	1.464867e-03	4.411232e-03	-1.052445e-02	-3.665626e-03
## SPNCRNA.742	2.814185e-04	7.061688e-04	-4.934180e-04	-6.267048e-04
## SPATRNCAMET.02	1.298084e-05	-2.171178e-02	5.236459e-02	4.313448e-02
## SPAC9.11	6.431273e-05	-6.442114e-04	-3.364737e-04	-1.823961e-03
## SPAC9.12c	-2.908698e-04	1.088214e-03	-9.666659e-04	7.073119e-04
## SPAC9.13c	8.806237e-04	1.797118e-03	6.989826e-04	1.323212e-03
## SPAC5D6.13	-1.536170e-03	-3.518313e-03	-5.719971e-03	3.425687e-03
## SPAC5D6.08c	-6.628885e-04	3.378965e-04	8.737091e-05	-1.309389e-03
## SPAC5D6.06c	-6.117563e-04	1.057914e-05	-1.779442e-03	5.069861e-04
## SPAC5D6.05	-9.879001e-04	-1.463791e-03	-2.199944e-03	4.399710e-04
## SPAC5D6.01	-1.510274e-02	1.482160e-02	-5.275598e-03	-1.909322e-03
## SPNCRNA.173	3.975247e-05	-1.307466e-04	-1.695726e-04	2.915520e-04
## SPAC57A7.13	5.873323e-04	4.534329e-03	2.501724e-03	-1.814757e-03
## SPAC57A7.12	-1.964819e-02	5.210505e-03	-7.961425e-03	-1.620155e-02
## SPAC57A7.11	-1.596969e-03	4.061135e-03	-2.924641e-05	2.225933e-03
## SPAC57A7.09	2.710739e-03	-1.216633e-03	-1.947820e-03	1.155625e-03

## SPATRNALEU.01	1.091936e-02	-2.200320e-03	-3.343129e-03	-5.623056e-03
## SPAC57A7.07c	-3.629842e-04	2.730152e-03	-1.350541e-03	-9.963604e-04
## SPNCRNA.744	4.225070e-05	-6.446702e-04	-1.466504e-04	-3.770667e-04
## SPAC57A7.05	-1.512602e-02	8.642387e-03	-6.750944e-03	3.540936e-03
## SPAC57A7.15c	3.007121e-04	1.225003e-03	8.777998e-05	-2.011944e-04
## SPAC167.06c	1.070220e-03	-2.717411e-04	-9.819697e-04	-2.334041e-03
## SPAC167.02	-7.611365e-04	-3.546983e-03	1.469171e-04	1.653955e-03
## SPAC167.03c	1.706389e-03	2.784982e-03	-2.138404e-03	-1.795367e-03
## SPAC167.01	1.747573e-03	-8.496679e-04	-1.310235e-03	1.480672e-03
## SPNCRNA.555	1.913154e-05	-4.765650e-05	-1.862340e-04	-5.932232e-06
## SPRRNA.53	-1.055589e-01	-6.891646e-02	-7.248655e-02	-1.212501e-01
## SPAC1705.02	5.654059e-04	9.401249e-04	-2.476389e-03	-1.756252e-03
## SPNCRNA.175	-1.916627e-05	2.141769e-04	4.952388e-05	-3.319118e-04
## SPAC23H4.18c	-2.024769e-03	-2.503765e-03	-1.527361e-04	-1.277104e-03
## SPAC23H4.14	-1.201027e-03	5.110729e-04	-1.543492e-03	1.387792e-03
## SPAC23H4.11c	-1.413840e-03	1.310801e-03	-1.714068e-03	1.430508e-03
## SPAC23H4.10c	3.034612e-03	2.899124e-03	-1.675143e-03	3.785384e-03
## SPAC23H4.09	-4.645927e-03	2.211593e-03	-1.511127e-02	2.044533e-02
## SPAC23H4.06	1.256131e-02	-2.766240e-02	8.995866e-03	-1.754248e-02
## SPAC23H4.03c	-1.484210e-03	3.538472e-03	-1.777825e-03	-1.135667e-03
## SPAC23H4.02	-4.236791e-04	2.892537e-03	1.040218e-04	9.967824e-04
## SPAC23H4.01c	-4.137194e-03	7.541410e-03	2.391860e-03	-8.805735e-04
## SPAP27G11.02	1.520463e-03	-2.434158e-03	-2.799999e-05	4.229181e-03
## SPNCRNA.748	3.008840e-05	4.080944e-05	-1.059159e-04	-2.238739e-05
## SPAP27G11.04c	-1.496843e-03	8.805578e-04	2.172863e-03	3.240551e-04
## SPAP27G11.06c	-1.074240e-03	2.733062e-03	1.267714e-03	8.753218e-04
## SPAP27G11.07c	-1.408492e-03	-9.432548e-05	-1.461815e-03	6.789772e-04
## SPAP27G11.08c	-1.706278e-04	-8.216405e-05	-6.724243e-04	-9.461389e-04
## SPAP27G11.10c	-6.183456e-03	-4.588029e-03	3.944190e-03	-8.445338e-03
## SPAP27G11.11c	1.475937e-04	1.589999e-04	3.305188e-04	-1.242637e-04
## SPNCRNA.750	-9.160906e-05	5.068371e-05	4.311787e-05	1.012993e-04
## SPAP27G11.16	5.624923e-04	-6.348402e-05	-6.960604e-04	-6.819430e-04
## SPAP27G11.12	-1.651778e-03	6.170859e-03	-3.870553e-03	-4.355961e-03
## SPAP27G11.13c	4.218840e-03	-2.837346e-03	-8.052581e-03	6.299137e-03
## SPAC343.02	-1.536590e-03	-1.261884e-03	-1.027376e-03	-1.647778e-04
## SPATRNAGLY.01	-6.032915e-03	-6.070292e-03	8.818001e-03	-2.902711e-03
## SPNCRNA.751	-1.487068e-04	6.305051e-04	1.942265e-04	2.453334e-04
## SPAC343.06c	2.095079e-03	-5.012839e-05	3.337760e-04	-1.743422e-04
## SPAC343.09	-2.553554e-03	-1.901741e-03	-1.376464e-03	-6.255971e-03
## SPNCRNA.753	-1.074620e-04	-2.039041e-04	-6.845003e-05	4.109305e-04
## SPAC343.21	3.868814e-04	1.236759e-03	6.745993e-04	-5.723110e-04
## SPAC343.12	-8.998169e-02	5.120508e-02	1.180738e-03	-4.544347e-02
## SPAC343.13	7.251301e-04	-3.950779e-04	6.841789e-04	7.714747e-04
## SPAC343.14c	-2.966385e-03	2.728776e-03	-1.858139e-03	-2.703220e-03
## SPAC343.16	1.874858e-03	2.369864e-02	-5.674912e-03	1.421510e-03
## SPAC343.18	9.906877e-04	7.782880e-04	-1.173367e-03	8.190976e-04
## SPAC343.19	5.311394e-03	3.843108e-03	-3.157138e-03	-1.763871e-03
## SPAC824.02	2.469443e-04	2.292131e-03	-5.080965e-04	1.909025e-03
## SPAC824.03c	2.599446e-03	2.786873e-03	-3.196928e-03	5.843921e-03
## SPNCRNA.755	2.099133e-04	9.298668e-05	3.544826e-04	-5.024560e-04
## SPAC824.06	-2.477378e-03	-6.336384e-04	-2.237289e-03	2.646651e-03
## SPAC824.09c	9.629098e-04	4.953238e-04	-2.528940e-03	1.510446e-03
## SPNCRNA.177	-1.599552e-04	-2.174996e-04	-5.539501e-06	-1.341417e-04
## SPAC664.01c	-3.843710e-04	4.590478e-03	-5.847362e-03	-5.069701e-03

## SPAC664.02c	1.321337e-03	-9.483366e-05	-3.551786e-03	-3.645824e-03
## SPAC664.05	2.574092e-02	-8.808488e-03	-1.372798e-02	1.457083e-02
## SPNCRNA.756	6.009163e-04	8.436774e-04	-6.521844e-04	6.423075e-06
## SPAC664.06	6.222021e-03	-3.653823e-03	-1.595404e-02	-5.878243e-03
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	1.144835e-04	-7.391532e-05	2.387038e-04	1.626607e-04
## SPAC664.13	2.442513e-04	5.515393e-04	-1.805942e-04	-8.296508e-04
## SPATRNALYS.02	2.573428e-04	-2.128718e-03	1.365968e-03	2.490177e-04
## SPAC664.15	-1.844097e-03	-1.540405e-03	-2.339460e-03	1.402619e-04
## SPAC105.02c	-8.664342e-04	8.651657e-04	2.421451e-03	2.292428e-03
## SPATRNATYR.01	1.598495e-05	-1.946371e-03	-1.731695e-03	-4.488169e-03
## SPAC105.03c	-1.456339e-03	6.444626e-04	-2.372059e-03	1.504363e-03
## SPAC17A5.01	2.636771e-03	-3.073021e-03	-3.453773e-03	9.168888e-04
## SPNCRNA.759	4.245618e-04	7.719416e-04	2.783323e-04	-4.320472e-04
## SPNCRNA.556	-2.629340e-05	6.733278e-05	3.678234e-04	1.339532e-04
## SPAC17A5.05c	-1.010867e-03	-3.234781e-05	7.543543e-05	2.223553e-03
## SPAC17A5.07c	2.734349e-03	7.103490e-04	-1.443138e-03	-1.274242e-03
## SPAC17A5.09c	-1.717289e-03	5.629183e-04	-4.308674e-03	-4.171620e-03
## SPATRNAILE.01	-1.067122e-03	-2.266451e-03	4.457548e-04	-1.669307e-03
## SPNCRNA.760	-4.231004e-04	1.202083e-04	1.024207e-04	4.465938e-04
## SPNCRNA.761	1.020669e-04	7.167591e-04	2.943960e-04	-9.170854e-04
## SPAC17A5.13	9.629854e-05	4.310384e-03	1.162851e-03	1.016722e-03
## SPAC17A5.15c	-2.881008e-03	2.103084e-03	-1.747694e-02	-2.633599e-02
## SPNCRNA.762	-2.383910e-03	3.983447e-03	-1.737742e-03	2.387568e-03
## SPAC1002.01	3.715843e-04	-1.666292e-04	5.224465e-04	-3.296574e-04
## SPAC1002.06c	-7.236025e-05	-8.130608e-05	-4.551762e-04	-1.945072e-04
## SPAC1002.07c	-2.963160e-03	2.228327e-03	-1.195355e-03	3.744536e-03
## SPAC1002.08c	-1.708605e-03	-1.597185e-03	1.394676e-04	5.152295e-04
## SPNCRNA.763	-1.056453e-03	-7.645253e-04	-8.119414e-05	7.122461e-04
## SPAC1002.10c	1.778549e-03	2.838382e-04	-2.650815e-03	1.145892e-03
## SPAC1002.11	1.778620e-03	9.888495e-04	2.176735e-03	-3.948468e-05
## SPAC1002.13c	7.535949e-02	-4.720188e-03	1.699870e-02	2.920612e-02
## SPAC1002.15c	9.952425e-05	-7.981264e-04	-1.466430e-03	5.549892e-04
## SPAC1002.14	4.060242e-03	-2.057603e-03	5.194191e-03	-1.194927e-03
## SPAC1002.16c	-1.568376e-04	-5.946401e-04	-2.851985e-04	4.735610e-04
## SPAC1002.17c	2.366828e-02	-2.339219e-02	2.018333e-02	1.800112e-02
## SPAC1002.18	1.678544e-02	-1.659805e-02	1.705692e-02	1.549024e-02
## SPAC1399.05c	1.188524e-03	6.349327e-04	3.075269e-04	-1.235604e-03
## SPNCRNA.764	-5.719747e-04	-1.810490e-04	-6.030559e-04	2.300058e-04
## SPNCRNA.178	-7.526070e-04	-1.078218e-04	-6.760901e-04	-3.981366e-04
## SPAC1399.02	1.330775e-03	9.979894e-04	-4.812931e-04	-4.190693e-04
## SPAC1399.06	1.671309e-04	-1.928788e-04	2.049988e-04	-1.079856e-04
## SPAP11E10.01	-2.087706e-03	-2.468809e-03	2.370325e-03	8.743352e-04
## SPAPB1A10.03	-5.143744e-04	-4.931717e-05	5.993690e-04	-4.620899e-04
## SPAPB1A10.16	1.079125e-03	-1.466597e-03	-1.782011e-03	-3.340293e-04
## SPAPB1A10.04c	-1.105994e-03	5.048644e-04	-4.645164e-04	-9.301218e-04
## SPNCRNA.765	-7.482344e-05	1.388145e-03	7.489647e-05	1.087852e-04
## SPAPB1A10.05	4.323856e-04	-1.202414e-03	9.439899e-04	9.667555e-04
## SPNCRNA.766	2.158335e-04	6.482450e-04	5.304997e-06	6.047180e-04
## SPAPB1A10.09	-1.947846e-03	3.427513e-04	2.186772e-03	2.648243e-03
## SPAPB1A10.13	1.391757e-03	-1.212637e-03	-5.401400e-04	-7.464691e-04
## SPAPB1A10.14	9.699409e-05	-5.628684e-05	-1.529353e-03	2.374233e-03
## SPAPB1A10.15	1.102444e-03	6.851735e-04	6.426992e-04	9.296861e-04
## SPAC140.01	2.731942e-03	-1.000908e-02	5.047096e-03	-1.066796e-02

## SPAC140.03	-1.643582e-03	2.422740e-03	-1.455795e-03	9.521414e-05
## SPNCRNA.182	-6.396571e-06	6.247093e-06	6.926587e-06	-4.088767e-05
## SPNCRNA.772	-2.132354e-05	-2.475541e-04	-6.164888e-04	3.465983e-04
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	1.364578e-04	1.672771e-04	6.486757e-04	-1.088737e-04
## SPAC110.01	-2.392071e-03	3.210265e-03	2.053888e-03	-9.946082e-04
## SPAC110.03	-5.789338e-03	-1.039934e-02	-8.181268e-03	-6.868021e-03
## SPNCRNA.774	-5.245895e-04	3.323797e-04	2.917501e-05	-1.656928e-05
## SPAC3H1.01c	-2.076059e-03	-3.473239e-03	-4.905137e-03	-5.085348e-03
## SPAC3H1.02c	2.231953e-03	2.058108e-03	-3.321326e-03	-3.989381e-04
## SPAC3H1.04c	7.759228e-04	1.464378e-03	1.335230e-03	1.931978e-03
## SPAC3H1.05	2.018398e-04	6.554884e-03	6.221107e-03	4.680617e-03
## SPAC3H1.06c	-3.896128e-04	-5.322883e-03	-1.088580e-03	5.076691e-03
## SPAC3H1.07	2.248700e-02	9.590986e-03	-4.009973e-03	-1.414646e-02
## SPAC3H1.09c	3.994646e-04	1.522337e-03	-4.949464e-04	1.234649e-03
## SPNCRNA.777	-1.791073e-03	-2.474105e-04	-1.047196e-03	-1.123168e-03
## SPNCRNA.781	5.508391e-04	6.878004e-04	-1.506921e-04	9.762302e-04
## SPNCRNA.783	-1.721099e-04	2.553457e-04	-1.721574e-05	4.194567e-04
## SPNCRNA.784	1.247138e-04	1.622912e-04	-6.529584e-04	1.334027e-04
## SPAC3H1.12c	-9.563773e-04	-6.111913e-04	8.532256e-05	1.349581e-03
## SPAC3H1.13	-1.086983e-04	1.441880e-05	-1.666101e-03	6.606612e-05
## SPNCRNA.530	1.666049e-02	-9.694727e-03	-5.933658e-03	4.135614e-03
## SPAC9G1.14	-1.793663e-04	-2.562529e-06	5.465902e-04	4.528142e-04
## SPAC9G1.02	3.459610e-03	5.897181e-03	-1.033572e-03	-4.238025e-03
## SPAC9G1.03c	-4.815524e-03	-1.837391e-02	-7.526365e-03	-2.183678e-02
## SPAC9G1.04	-1.312595e-03	2.530358e-03	1.521628e-03	-3.303784e-03
## SPAC9G1.08c	2.054785e-04	1.412656e-03	-9.230781e-04	3.846028e-03
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	5.627891e-04	-1.346422e-03	-1.155364e-03	2.047331e-03
## SPAC9G1.10c	5.750601e-04	-1.700049e-03	1.079959e-03	-2.729291e-03
## SPAC9G1.13c	-2.084471e-03	2.396551e-03	5.868240e-04	-1.972563e-03
## SPNCRNA.785	-2.420330e-03	1.735025e-04	-1.235956e-03	1.685166e-03
## SPAC17H9.02	1.405045e-03	8.966251e-03	3.211697e-03	1.562627e-04
## SPAC17H9.03c	-1.091320e-03	-2.255617e-03	-2.917476e-03	1.937573e-03
## SPAC17H9.04c	6.624366e-03	-1.001607e-02	-8.415274e-03	-3.828894e-03
## SPNCRNA.787	-5.163439e-05	6.034274e-05	-2.313266e-04	-8.543574e-06
## SPAC17H9.09c	4.287595e-04	-1.496181e-03	-3.946554e-03	4.204766e-03
## SPAC17H9.10c	4.875621e-03	2.815079e-04	-7.661468e-03	1.757466e-03
## SPAC17H9.12c	1.129951e-03	-1.957581e-03	1.230651e-04	-2.372351e-03
## SPAC17H9.13c	3.320049e-03	1.579491e-04	-7.230532e-03	1.727287e-03
## SPAC17H9.14c	-1.080024e-02	1.843661e-02	-1.214834e-03	-7.003658e-03
## SPNCRNA.184	7.601615e-05	1.731253e-04	-1.023868e-04	2.600743e-04
## SPAC17H9.16	6.027805e-03	3.244179e-04	-1.602059e-02	1.008255e-02
## SPAC17H9.17c	-2.920187e-04	-2.545407e-03	-3.154391e-03	-7.943005e-04
## SPAC17H9.20	-2.366318e-05	-1.579335e-03	-2.204809e-03	1.068332e-03
## SPAC607.03c	8.503850e-03	2.503500e-02	-2.395828e-02	-3.819551e-03
## SPNCRNA.185	5.209166e-05	-1.103380e-04	-2.315849e-05	-2.406654e-05
## SPAC607.04	8.673698e-04	-8.532307e-04	6.910095e-07	-2.756094e-03
## SPAC607.05	-6.171536e-03	1.901341e-03	-3.857899e-03	2.959484e-03
## SPAC607.06c	1.627611e-04	4.013647e-03	-8.145698e-04	1.036985e-03
## SPAC607.09c	1.211318e-03	-1.105400e-03	9.554700e-06	2.016105e-03
## SPAC732.01	-6.706314e-04	2.906923e-03	-1.726695e-03	2.373773e-03
## SPAC732.02c	-3.406278e-04	4.059675e-03	-1.760754e-03	3.903810e-03
## SPAC3C7.02c	-1.166090e-03	1.373603e-03	1.401952e-03	5.363694e-04

## SPNCRNA.791	1.532984e-04	-1.863464e-05	-3.371713e-04	-4.793455e-04
## SPAC3C7.08c	2.921030e-04	-8.683301e-03	2.394078e-03	-2.444328e-02
## SPAC3C7.09	-9.647976e-04	-4.821336e-04	1.641563e-04	5.631520e-04
## SPNCRNA.793	4.954625e-04	1.130125e-03	4.661870e-05	-1.272238e-03
## SPNCRNA.794	2.656177e-04	4.530285e-04	-4.699528e-04	2.683319e-04
## SPAC25A8.03c	1.056910e-03	-1.295684e-03	-9.139555e-04	1.560305e-03
## SPAC25A8.02	1.593950e-03	1.233111e-03	1.763745e-03	1.419614e-03
## SPAC631.02	-5.369921e-03	-3.320750e-04	-8.286659e-03	5.451468e-03
## SPAC20H4.02	1.887594e-03	1.970270e-04	-2.948258e-03	-4.743515e-03
## SPAC20H4.03c	-2.553182e-03	1.173100e-03	-6.187170e-04	-8.340310e-04
## SPAC20H4.04	1.627105e-04	-6.223991e-05	-1.069793e-03	3.547595e-03
## SPAC20H4.08	1.659880e-03	1.825924e-03	-9.599995e-04	-1.296331e-03
## SPAC20H4.09	-6.730145e-04	-3.759861e-03	-3.722739e-03	4.350505e-03
## SPNCRNA.797	8.936544e-04	-6.188264e-04	9.050379e-04	-1.510397e-03
## SPAC20H4.10	5.335730e-04	2.379179e-04	-2.715926e-03	-5.717889e-03
## SPAC23C11.01	2.335234e-03	-1.438013e-03	-1.832093e-03	-4.593535e-04
## SPAC23C11.03	3.464032e-03	4.044641e-03	-5.189198e-03	-2.063703e-03
## SPAC23C11.04c	-1.737603e-03	2.409784e-03	-2.358359e-04	-3.048219e-04
## SPAC23C11.05	9.890293e-03	-4.222047e-02	-3.024608e-02	1.279905e-02
## SPAC23C11.08	-8.442923e-04	6.890352e-05	-1.490369e-03	-6.117259e-06
## SPNCRNA.799	-3.473250e-04	-3.862105e-04	-2.628376e-04	-4.512187e-04
## SPAC23C11.09	1.024913e-02	3.143970e-02	-1.222993e-02	-1.349601e-02
## SPAC23C11.10	-6.156740e-04	-2.000774e-04	-1.110435e-04	3.200772e-06
## SPAC23C11.11	3.196270e-05	6.295954e-04	-8.223855e-04	-2.611166e-03
## SPNCRNA.800	-9.506607e-04	2.147858e-03	1.824387e-03	8.120085e-05
## SPAC23C11.14	8.214101e-04	1.055779e-02	-4.778809e-03	1.174294e-03
## SPAC23C11.15	3.231316e-03	1.866731e-03	-2.363814e-03	7.316603e-04
## SPAC23C11.17	6.026667e-04	-2.666904e-03	1.453820e-02	-4.134764e-03
## SPAC13F5.01c	1.112601e-03	3.946460e-04	-3.192352e-03	6.890619e-04
## SPAC13F5.02c	6.498908e-03	5.856326e-04	2.484980e-03	9.374509e-05
## SPNCRNA.801	4.000512e-04	5.719803e-04	-3.450291e-04	-6.587416e-04
## SPAC13F5.06c	1.908711e-03	2.248097e-04	-6.125054e-03	8.657701e-04
## SPNCRNA.802	8.825366e-05	4.832392e-04	7.091447e-05	3.612053e-04
## SPAC13F5.07c	-1.834582e-04	2.915310e-04	-1.792623e-04	1.940417e-03
## SPAC1783.02c	-1.017751e-03	3.151942e-03	-2.271558e-03	1.209277e-03
## SPAC1783.04c	2.559428e-03	-9.683090e-04	1.207329e-03	2.191339e-03
## SPNCRNA.803	-2.192486e-04	-1.701002e-04	-7.106530e-05	-1.612820e-04
## SPAC1783.06c	-5.187740e-04	4.484063e-05	-1.187651e-04	1.027964e-03
## SPNCRNA.804	-3.840652e-05	5.697813e-04	-4.706752e-04	-6.772361e-04
## SPAC1783.07c	-1.117051e-04	-3.472427e-03	-2.129796e-03	-5.367330e-03
## SPAC1783.08c	2.196184e-02	1.089364e-02	4.444954e-03	-9.948048e-03
## SPAC1327.01c	1.164013e-03	2.478739e-03	-4.841009e-03	-2.024891e-03
## SPAC18G6.01c	-5.410619e-05	2.396628e-03	-2.517725e-03	-3.714527e-04
## SPAC18G6.02c	-4.901345e-04	1.285260e-03	-6.431773e-04	-1.923604e-03
## SPATRNAVAL.03	-6.335559e-03	-7.006732e-03	2.864704e-03	8.969193e-04
## SPAC18G6.04c	-1.325395e-03	2.251336e-03	9.856645e-04	1.107406e-04
## SPAC18G6.05c	-9.505142e-03	4.006497e-03	-1.666243e-05	-6.410628e-03
## SPAC18G6.06	5.495926e-04	1.164131e-03	-1.148978e-03	3.240961e-03
## SPAC18G6.07c	-5.631615e-03	-5.554265e-03	-4.331050e-03	-2.339137e-03
## SPAC18G6.09c	-5.731148e-03	3.311948e-03	2.978727e-03	-6.608128e-04
## SPAC18G6.10	-8.239959e-05	2.033516e-03	1.412522e-03	5.632763e-05
## SPAC18G6.11c	3.806041e-03	6.770207e-03	2.047093e-03	-2.803733e-03
## SPAC18G6.12c	8.861154e-04	6.189585e-04	-1.783944e-03	-2.504960e-03
## SPNCRNA.806	3.413435e-04	3.764781e-04	2.969868e-05	7.693919e-05

## SPAC18G6.13	-1.294497e-04	1.447217e-04	2.595795e-04	-1.017979e-03
## SPAC18G6.14c	-1.706958e-02	-1.863922e-02	3.460260e-02	3.459124e-02
## SPAC13D6.02c	4.983865e-03	1.667057e-02	-6.731636e-04	-2.640302e-03
## SPNCRNA.189	-2.805153e-04	3.740553e-05	1.247732e-04	3.211957e-04
## SPATRNAGLY.02	-3.589384e-03	-3.659332e-03	4.030035e-03	2.662967e-03
## SPAC13D6.04c	1.800119e-04	-8.678029e-04	-2.228127e-03	-6.698577e-04
## SPAC13D6.05	-3.043200e-03	1.795725e-03	-9.929849e-04	-4.087165e-03
## SPAC4G9.02	6.015772e-04	4.250576e-03	1.001281e-03	-4.902062e-03
## SPAC4G9.07	2.932241e-04	-3.885526e-04	-1.179450e-03	1.644970e-04
## SPAC4G9.08c	2.376904e-03	2.365018e-03	1.414312e-03	3.038516e-05
## SPAC4G9.13c	2.443665e-03	-3.494783e-03	-2.778683e-03	-1.590304e-03
## SPAC4G9.16c	1.632604e-02	1.866279e-02	-1.317581e-02	3.303906e-02
## SPAC4G9.17c	-1.633215e-03	-4.443517e-04	-4.932935e-03	-4.211820e-03
## SPAC4G9.22	1.829886e-04	-1.685852e-03	1.704278e-03	1.847966e-03
## SPNCRNA.811	1.561902e-04	5.112485e-04	-1.599131e-05	-8.899766e-05
## SPNCRNA.190	-6.686486e-04	4.881549e-04	7.100225e-05	-3.796042e-04
## SPAC13G7.07	-7.186992e-04	5.380843e-04	-1.003884e-03	4.287927e-04
## SPAC13G7.08c	-9.721957e-04	-1.671110e-03	-4.776022e-03	-4.635460e-03
## SPAC13G7.09c	-3.546239e-04	6.816041e-04	2.499690e-04	-3.405657e-04
## SPAC13G7.11	2.785011e-04	4.366852e-03	1.596488e-03	-3.674391e-03
## SPAC6C3.02c	-1.054424e-02	1.542198e-03	3.864739e-04	-1.053544e-03
## SPAC6C3.04	1.346434e-03	-2.755366e-03	-1.468468e-04	4.111638e-03
## SPNCRNA.814	-4.533030e-04	-8.980229e-04	-1.530817e-04	-2.314118e-04
## SPAC6C3.06c	-3.403470e-03	7.885550e-03	-1.259512e-02	2.562722e-04
## SPAC6C3.07	1.617811e-04	-1.102384e-04	-2.651458e-04	-1.915035e-04
## SPAC17G8.01c	7.005032e-04	4.661247e-03	-5.227028e-03	-4.473027e-03
## SPAC17G8.02	-1.115197e-03	2.779908e-04	5.585479e-04	-1.955006e-03
## SPAC17G8.05	8.770837e-04	-2.262620e-05	-1.160057e-03	5.378143e-04
## SPAC17G8.07	1.396532e-04	-1.851058e-03	1.703616e-03	-3.770676e-03
## SPAC17G8.09	8.535601e-04	3.154911e-04	1.026503e-04	-6.650739e-04
## SPAC17G8.10c	3.546647e-03	-2.746250e-03	1.765896e-03	-6.839953e-04
## SPNCRNA.817	-3.506906e-05	-7.162000e-05	1.114246e-04	-8.910048e-05
## SPAC17G8.12	3.720237e-05	-4.423581e-03	-1.584007e-03	1.314393e-03
## SPNCRNA.192	-3.205907e-04	1.161373e-04	9.224658e-05	1.259079e-04
## SPNCRNA.819	6.644632e-05	-6.768908e-05	-9.356846e-05	-6.259742e-04
## SPAC22H10.03c	-3.537705e-03	8.017454e-03	2.741164e-03	-4.517928e-03
## SPNCRNA.821	-4.501095e-04	-1.732360e-05	-2.000626e-04	-2.929111e-04
## SPAC22H10.13	-2.618955e-03	2.751511e-03	2.478147e-03	-7.110339e-04
## SPAC22H10.09	4.261206e-03	4.913070e-03	-1.437881e-03	6.331535e-03
## SPAC22H10.10	-1.952028e-03	3.277256e-03	-2.034023e-03	7.119278e-04
## SPAC15F9.02	-2.248526e-03	4.507539e-03	1.482222e-03	7.884017e-03
## SPAC15F9.03c	-2.143640e-03	3.618694e-03	2.350706e-03	5.227779e-04
## SPAC1B9.02c	1.019755e-03	-1.226202e-03	6.268631e-03	3.152915e-03
## SPAC1B9.03c	4.774647e-03	-7.476090e-03	-1.014953e-02	1.447030e-03
## SPAC6B12.03c	1.621305e-03	-8.224055e-04	6.693323e-04	-4.122867e-05
## SPAC6B12.18	1.268247e-03	7.378022e-03	2.765152e-04	3.515906e-03
## SPAC6B12.07c	-6.774359e-03	-8.905975e-03	-9.616718e-04	1.349865e-02
## SPAC6B12.08	-1.896163e-06	-1.482677e-03	-4.677687e-04	-5.108805e-05
## SPAC6B12.13	-3.022087e-03	-4.618459e-03	6.498745e-04	3.147059e-04
## SPNCRNA.195	-1.917362e-04	-1.080863e-04	1.735048e-04	-1.759059e-04
## SPAC6B12.15	-2.905800e-03	-3.880338e-02	-2.353328e-02	2.749987e-02
## SPATRNALYS.03	-9.705831e-04	8.317506e-04	1.164153e-03	9.125308e-05
## SPAC32A11.02c	2.400167e-02	5.068621e-02	6.668622e-02	4.585154e-02
## SPNCRNA.828	2.454295e-03	7.597605e-04	5.145771e-03	1.019246e-03

## SPNCRNA.829	5.753349e-04	8.910671e-04	1.147352e-03	2.902010e-04
## SPAC19A8.13	1.351955e-03	-1.871284e-03	-1.592941e-03	1.065663e-03
## SPAC19A8.12	-6.209912e-04	-7.777424e-05	-2.971887e-03	-1.873496e-03
## SPAC19A8.11c	2.307494e-03	1.732423e-03	7.967518e-04	1.748895e-03
## SPAC19A8.10	-6.656222e-04	3.385398e-03	-1.218945e-04	-3.475627e-03
## SPAC19A8.09	4.543070e-04	-1.252110e-03	1.741701e-03	1.215088e-03
## SPAC19A8.08	-7.851568e-05	-1.166134e-03	-4.799350e-03	-2.548468e-03
## SPNCRNA.286	-4.345640e-05	-7.217854e-05	-1.829858e-04	-1.058809e-04
## SPAC19A8.07c	-1.894298e-03	-2.900927e-04	-7.450749e-03	4.772540e-04
## SPAC19A8.05c	4.988719e-03	4.831901e-04	-1.050115e-03	1.057759e-03
## SPAC19A8.04	5.166891e-05	1.200278e-04	7.242873e-03	-5.745825e-03
## SPAC19A8.03	3.759861e-04	4.343535e-03	-1.104970e-03	-1.093879e-03
## SPAC19A8.02	-7.824542e-04	3.065257e-03	-4.579621e-03	3.349979e-03
## SPAC19A8.01c	-4.181316e-03	-1.656480e-03	7.494052e-04	9.279070e-04
## SPAC23H3.04	-5.369766e-04	-8.453933e-04	-2.663835e-03	-1.574601e-03
## SPAC23H3.05c	1.342622e-03	6.394645e-03	3.872578e-03	-1.997009e-03
## SPAC23H3.06	3.335170e-05	-9.656715e-05	4.729745e-05	2.775222e-04
## SPAC23H3.08c	-4.419230e-04	2.178659e-03	-2.035829e-03	-1.241956e-03
## SPAC23H3.13c	-3.216876e-03	-2.440340e-03	-1.724963e-03	-9.898929e-04
## SPNCRNA.197	-9.584163e-05	1.291129e-04	6.063697e-05	1.417774e-05
## SPNCRNA.831	-6.677870e-05	1.112302e-05	1.280693e-04	6.955423e-06
## SPAC23H3.15c	5.030088e-02	1.159401e-03	2.281458e-02	9.497398e-03
## SPNCRNA.833	-1.317880e-04	7.351128e-04	-1.351190e-03	-4.699957e-04
## SPAC25H1.04	3.261791e-03	-8.828953e-04	2.354115e-03	3.121317e-03
## SPAC25H1.05	5.509822e-03	1.229017e-03	1.172671e-03	-3.142285e-04
## SPAC25H1.06	2.020002e-03	-3.869448e-04	-5.089204e-03	1.869331e-03
## SPAC25H1.07	5.722136e-03	-2.607790e-04	-1.254189e-02	-1.577438e-02
## SPAC25H1.08c	7.824543e-03	3.394677e-03	-5.969798e-03	-1.154096e-02
## SPAC4A8.04	-1.982189e-02	5.512952e-03	-1.013501e-02	-6.779405e-03
## SPAC4A8.05c	3.277171e-03	9.321390e-03	2.464183e-03	5.066298e-04
## SPNCRNA.836	1.701851e-03	7.982460e-04	-1.360603e-03	-8.099001e-04
## SPNCRNA.837	-5.926200e-04	-7.668412e-04	2.370214e-06	1.496710e-03
## SPAC4A8.07c	-1.073496e-03	5.753247e-03	1.125686e-03	-2.109114e-03
## SPAC4A8.08c	1.820703e-03	1.596535e-03	-1.104490e-02	2.399888e-04
## SPNCRNA.838	-9.217622e-05	5.669933e-04	-6.831161e-04	2.221974e-04
## SPSNRNA.06	-4.936769e-02	2.847272e-02	-3.315725e-02	1.047079e-01
## SPAC4A8.10	3.319498e-03	6.458817e-03	2.359784e-03	-2.937740e-03
## SPNCRNA.839	2.018526e-04	5.875864e-04	-4.706275e-04	1.574444e-03
## SPAC4A8.12c	-5.608660e-05	1.224191e-03	-7.330353e-04	9.918453e-04
## SPAC4A8.14	-3.472809e-03	2.022418e-03	-4.174797e-03	-2.325355e-03
## SPATRNAILE.02	-6.356709e-03	-1.688006e-02	1.617840e-02	1.364437e-02
## SPAC823.03	2.470514e-03	2.664277e-03	1.186373e-02	3.932261e-03
## SPAC823.07	1.123401e-03	-7.144202e-04	-3.925590e-03	3.419447e-03
## SPNCRNA.199	-1.859660e-04	1.093018e-04	6.773782e-04	-5.383669e-04
## SPAC823.11	-1.323556e-04	2.268446e-03	2.270490e-03	7.051880e-03
## SPAC823.12	1.535630e-03	9.954905e-03	-2.526517e-03	-3.266996e-03
## SPAC823.13c	2.200395e-04	2.520821e-03	-4.591552e-04	4.694748e-04
## SPAC823.14	2.767847e-03	3.653240e-03	-2.436673e-04	-1.428985e-03
## SPNCRNA.841	-8.657525e-05	-8.037536e-04	3.162715e-04	1.461290e-03
## SPAC823.16c	3.406782e-04	6.164892e-04	-4.672540e-04	2.687543e-03
## SPAC7D4.14c	-1.378544e-03	-9.993239e-04	-4.630390e-04	-1.962758e-03
## SPAC7D4.11c	-7.634275e-04	-1.208404e-03	-3.494666e-03	-6.649785e-04
## SPAC7D4.09c	6.924986e-04	2.565616e-03	-1.978096e-03	2.065512e-03
## SPAC7D4.08	-1.034728e-03	-1.201960e-04	-4.331831e-04	7.510401e-04

## SPAC7D4.06c	-1.532452e-03	-1.978387e-03	2.395196e-03	-1.410745e-03
## SPAC7D4.04	-1.273650e-03	9.451928e-03	5.416626e-04	-2.423801e-03
## SPAC7D4.03c	4.832249e-03	3.742969e-03	9.230501e-03	-3.986262e-03
## SPAC4F8.15	5.110526e-04	4.770188e-03	3.029810e-03	-6.545691e-04
## SPAC4F8.14c	-4.028288e-03	-4.757790e-03	1.219823e-02	-1.317235e-02
## SPNCRNA.843	-6.187777e-05	-3.538370e-04	-3.869404e-04	1.136823e-04
## SPAC4F8.12c	4.087997e-03	5.802696e-03	-1.201109e-02	-7.176653e-03
## SPNCRNA.326	-1.018169e-04	1.194668e-04	-7.543090e-05	-2.175511e-05
## SPAC4F8.10c	2.893051e-04	-1.085140e-04	-2.355918e-03	-9.157116e-05
## SPNCRNA.200	-6.399264e-05	1.101447e-04	4.755947e-05	8.083951e-05
## SPAC4F8.07c	-4.217486e-03	-6.852232e-02	-2.571237e-02	6.068131e-02
## SPAC4F8.03	1.400457e-03	-1.434164e-03	-1.574743e-03	3.373412e-03
## SPAC4F8.02c	8.587831e-04	-3.694535e-04	-1.293575e-03	-8.564293e-04
## SPAC4F8.01	1.275580e-03	-4.573826e-04	-6.622315e-04	4.060519e-05
## SPAC644.04	2.227480e-03	3.776240e-03	-1.284901e-03	3.173920e-03
## SPAC644.05c	1.046459e-03	-2.263879e-04	-1.765159e-04	-1.703353e-04
## SPAC644.08	1.698942e-03	9.784667e-04	5.348174e-03	-4.871728e-05
## SPAC644.11c	-6.660366e-04	6.883886e-04	-5.729815e-03	-1.750912e-03
## SPNCRNA.202	1.585366e-05	-3.977918e-05	-2.687019e-05	7.066936e-05
## SPAC644.14c	4.271678e-04	1.728506e-03	-4.652713e-04	-5.948658e-04
## SPAC644.15	1.235600e-02	3.977741e-03	-2.671651e-02	-1.678874e-02
## SPAC644.16	4.726951e-03	-1.039047e-03	-6.149781e-03	-1.747935e-03
## SPNCRNA.845	2.854085e-04	-1.101367e-04	1.883117e-04	-3.597752e-04
## SPAPB2B4.02	5.238172e-04	2.428460e-03	-5.338333e-03	3.664366e-04
## SPAPB2B4.03	2.045789e-03	1.037874e-03	-2.025550e-03	-1.317748e-03
## SPAPB2B4.04c	-1.346616e-02	9.503252e-03	-8.451895e-04	-3.024996e-03
## SPAC6F6.02c	1.848311e-03	5.931117e-04	-2.855773e-03	-5.231302e-04
## SPAC6F6.03c	7.850757e-03	1.205730e-02	7.423170e-04	8.516621e-04
## SPAC6F6.04c	3.015014e-03	-8.924091e-04	-1.066092e-03	5.749129e-04
## SPNCRNA.848	-2.075384e-04	-2.550944e-04	4.563462e-05	4.161367e-04
## SPAC6F6.08c	7.176658e-04	-8.720849e-04	-1.779844e-03	-1.213660e-03
## SPAC6F6.09	1.458120e-03	-4.074389e-04	7.065696e-04	-8.841365e-04
## SPAC6F6.10c	3.920583e-03	-5.758624e-03	1.879081e-03	8.311901e-03
## SPAC6F6.11c	-3.427371e-03	2.373306e-03	-4.029945e-05	-7.085800e-04
## SPNCRNA.849	-2.932188e-04	-1.060040e-03	-1.761888e-03	-4.559587e-04
## SPAC6F6.13c	-1.804200e-03	3.454731e-03	-3.070259e-03	-1.546581e-03
## SPAC6F6.17	2.502683e-03	-2.753918e-03	-4.828304e-03	-4.914811e-04
## SPNCRNA.852	-1.039883e-04	8.562221e-05	8.826628e-06	-2.117970e-04
## SPAC1805.03c	-1.230658e-03	2.695954e-03	4.891207e-04	-8.975861e-04
## SPAC1805.04	2.217421e-03	1.950676e-03	1.033746e-03	-3.053257e-03
## SPAC1805.05	-6.338393e-03	7.205936e-04	3.964462e-03	2.434278e-03
## SPSNORNA.52	3.380114e-03	4.903779e-03	-9.609372e-03	2.232448e-03
## SPAC1805.11c	2.395254e-02	-6.661116e-03	-2.469392e-02	-8.374728e-03
## SPAC1805.14	3.202925e-03	1.676502e-04	-2.771882e-03	1.405648e-03
## SPAC1805.15c	7.413891e-04	1.587574e-03	-5.995756e-04	2.589386e-04
## SPAC1805.16c	-1.778181e-04	4.264847e-03	1.367885e-03	-5.107790e-04
## SPNCRNA.208	-2.794336e-05	8.616515e-05	-3.854196e-05	4.662030e-05
## SPAC1805.17	9.673665e-03	-6.043150e-03	1.167967e-03	-1.994308e-03
## SPAC1B2.06	-9.830296e-05	7.762746e-04	-6.885459e-04	-1.099036e-03
## SPAC3F10.02c	1.804366e-03	6.074729e-03	-8.389911e-04	-6.207450e-03
## SPAC3F10.05c	1.486455e-03	-8.345509e-04	3.117023e-04	4.546289e-03
## SPAC3F10.07c	-2.252474e-04	-1.622398e-04	-5.556519e-04	-2.978001e-04
## SPAC3F10.19	-2.796416e-03	-9.738683e-04	-8.924537e-05	1.855075e-03
## SPAC3F10.08c	5.763851e-04	4.356854e-04	-2.469740e-04	2.107297e-04

## SPAC3F10.10c	-7.517058e-04	-3.931284e-04	4.912645e-04	-2.387293e-05
## SPAC3F10.12c	-2.309249e-04	4.098044e-03	1.915055e-03	-1.132978e-03
## SPAC8F11.02c	-3.773542e-03	3.816053e-03	2.084522e-03	3.517658e-03
## SPAC8F11.05c	2.795913e-04	-1.615829e-04	3.761020e-04	3.004661e-04
## SPAC8F11.06	2.581927e-04	7.397525e-04	2.033891e-03	-2.309240e-04
## SPAC8F11.07c	-2.556174e-03	1.350922e-03	-2.497365e-03	-7.489198e-04
## SPAC8F11.10c	3.429252e-03	7.453725e-03	6.511078e-03	-4.632913e-03
## SPACUNK4.13c	9.487803e-04	9.197947e-04	-2.372372e-04	-1.196588e-03
## SPACUNK4.10	2.272671e-03	-5.094256e-04	-1.988883e-03	9.258563e-03
## SPNCRNA.858	1.205600e-04	-3.172884e-04	1.073966e-04	4.700614e-04
## SPACUNK4.07c	-6.700870e-03	9.181240e-03	-3.906879e-03	-2.766433e-03
## SPACUNK4.06c	-1.809120e-03	4.434008e-03	-4.813204e-03	-3.294253e-03
## SPAC513.01c	-3.820066e-03	1.324299e-02	4.380993e-03	-4.621450e-03
## SPAC513.02	-2.973315e-03	3.311428e-03	-1.221240e-03	-1.971664e-03
## SPAC513.03	-6.800092e-04	2.713154e-03	3.669906e-03	-2.564703e-03
## SPAC513.05	5.361034e-04	6.954755e-03	6.382234e-03	7.013832e-04
## SPAC2E1P3.01	1.150945e-03	4.110661e-03	-5.288336e-04	-8.604886e-03
## SPNCRNA.859	-9.560990e-04	2.479108e-04	-8.856374e-04	4.295519e-04
## SPAC2E1P3.04	1.895311e-03	-6.270918e-03	-4.275058e-03	2.607047e-03
## SPAPB2C8.01	-2.342841e-03	1.015219e-03	-1.628978e-03	-7.451653e-03
## SPNCRNA.864	4.237340e-04	8.619681e-04	3.264555e-04	-1.965694e-05
## SPAPB24D3.05c	8.245903e-05	-4.664764e-04	-2.287890e-06	2.766862e-04
## SPAPB24D3.06c	-1.976438e-03	1.077119e-03	-1.147597e-03	2.698948e-03
## SPNCRNA.865	-6.326443e-04	3.219605e-04	-3.315219e-04	4.026566e-05
## SPAPB24D3.08c	3.811758e-03	1.855691e-02	-4.985366e-03	-3.999340e-03
## SPNCRNA.866	-8.979673e-05	-4.151262e-04	1.167007e-03	4.497307e-04
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-2.968241e-04	2.545613e-04	-7.036925e-04	-5.773433e-05
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-1.319223e-03	-1.866462e-04	1.095452e-05	-3.741916e-04
## SPAPB1A11.03	-1.729527e-03	1.749537e-03	-1.205568e-03	-1.225432e-03
## SPAC31G5.01	-2.237116e-03	-5.486035e-04	-8.249103e-04	-2.630560e-03
## SPAC31G5.03	1.141779e-02	-7.219198e-04	2.241629e-02	8.568432e-03
## SPAC31G5.05c	3.301117e-03	1.015116e-02	-4.876866e-03	-1.093222e-02
## SPAC31G5.07	-5.325627e-04	-3.354219e-05	5.965546e-04	1.024353e-03
## SPAC31G5.09c	1.237675e-03	8.329730e-04	-1.024353e-03	-1.532557e-03
## SPNCRNA.872	-4.236673e-05	-1.012395e-04	1.185215e-04	4.020083e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	5.195294e-04	9.026131e-04	1.604277e-04	-9.061599e-04
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	1.729111e-04	8.451402e-05	-2.478063e-05	1.507246e-04
## SPAC31G5.12c	1.606841e-04	1.828035e-03	-1.526087e-03	9.624984e-04
## SPAC31G5.13	1.636362e-03	-4.936160e-03	1.565552e-02	3.940777e-03
## SPNCRNA.875	-1.292415e-04	-3.439013e-04	5.208547e-04	-1.583625e-04
## SPAC31G5.15	-7.300482e-04	3.447724e-03	-5.663432e-03	-1.074696e-04
## SPAC31G5.17c	-6.068194e-03	-9.018601e-04	5.231084e-04	-3.289226e-02
## SPAC1786.01c	8.552846e-04	3.139520e-03	-3.391716e-03	-1.030065e-02
## SPAC1786.04	4.333831e-05	1.788068e-04	-1.285441e-04	2.581517e-06
## SPNCRNA.878	1.912737e-04	1.758184e-04	1.487130e-04	3.562637e-04
## SPAC24C9.03	-5.442610e-03	2.944176e-03	-1.075711e-02	-3.081526e-03
## SPAC24C9.16c	1.018807e-03	1.700128e-03	-4.685321e-04	-5.355619e-04
## SPATRNASER.02	-1.151289e-02	6.281517e-03	5.544529e-03	2.226098e-03
## SPAC24C9.06c	1.194890e-02	-5.230653e-02	2.975303e-02	1.274534e-02
## SPNCRNA.879	-1.470183e-04	-5.643446e-04	-4.407435e-04	-4.208490e-04

## SPNCRNA.880	-1.064177e-03	7.657628e-04	5.176662e-04	-5.566792e-04
## SPNCRNA.212	-1.445393e-04	5.883306e-05	2.198700e-04	6.152144e-05
## SPAC24C9.09	5.223733e-04	5.102124e-04	-4.828928e-03	-3.582245e-03
## SPAC24C9.13c	2.172434e-03	-2.893523e-04	-1.381218e-03	-3.895817e-04
## SPAC24C9.14	2.444955e-04	1.822065e-03	-5.614022e-04	-1.119017e-03
## SPNCRNA.883	-2.265188e-04	-3.170042e-04	-3.310375e-04	3.908521e-04
## SPAC24C9.15c	-6.544429e-05	-1.954015e-05	3.630821e-04	3.812366e-04
## SPAC16A10.01	-6.944964e-03	2.082208e-03	-3.745711e-03	6.023635e-03
## SPAC16A10.03c	1.791187e-03	-4.161643e-03	-2.371970e-03	-2.148225e-03
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-1.206258e-04	-2.138741e-04	1.235237e-04	-5.675912e-05
## SPAC16A10.04	1.523029e-03	2.221990e-04	-3.873302e-03	3.156053e-03
## SPAC589.02c	2.403745e-05	8.766859e-05	-4.742939e-05	2.721163e-03
## SPNCRNA.886	-1.129625e-03	1.039106e-03	-8.147305e-05	4.667735e-04
## SPAC589.04	2.594205e-03	-3.881194e-04	-1.367593e-03	-4.701083e-04
## SPAC589.05c	1.429227e-03	-9.356028e-05	9.207263e-04	8.612162e-04
## SPAC589.07c	-7.179349e-04	-6.777681e-04	-7.051628e-04	1.192845e-03
## SPNCRNA.560	-8.766006e-05	6.179869e-04	3.194456e-04	-2.271817e-04
## SPAC589.09	-2.657821e-04	-5.364389e-03	-1.744044e-03	-5.569038e-03
## SPAC589.10c	5.937415e-03	2.583649e-02	-5.617353e-02	-1.793318e-02
## SPAC589.12	2.760975e-03	9.107798e-03	7.241523e-03	1.008613e-02
## SPAC688.03c	8.265211e-04	-5.453497e-04	8.934008e-04	1.744909e-03
## SPAC688.04c	1.095212e-03	1.500706e-03	5.638288e-03	-2.279448e-03
## SPNCRNA.887	9.131307e-04	1.055248e-03	-4.372662e-04	1.062085e-04
## SPAC688.10	-3.054822e-04	2.948256e-03	-6.254620e-05	6.077637e-04
## SPAC688.11	5.813621e-03	4.358083e-03	-4.020074e-04	3.556835e-03
## SPAC688.12c	-3.000503e-03	-1.137070e-03	2.270409e-03	2.239895e-03
## SPAC3G9.16c	2.047280e-04	-7.706061e-04	-1.463708e-04	-4.303502e-04
## SPAC3G9.14	2.824432e-03	5.038401e-04	-2.849932e-03	5.232325e-04
## SPAC3G9.12	-1.521771e-03	-6.138566e-04	-1.263883e-03	3.232018e-05
## SPATRNAALA.03	-1.478227e-03	-2.472519e-03	6.669270e-04	1.762161e-03
## SPAC3G9.10c	7.713834e-04	1.248587e-03	-1.526448e-03	1.077357e-03
## SPRRNA.14	-5.766893e-02	2.710963e-02	2.587185e-02	-3.880532e-02
## SPAC3G9.08	1.610017e-03	-2.724740e-05	-1.059424e-03	3.132453e-04
## SPAC3G9.05	1.244556e-03	1.664096e-03	6.407017e-04	-2.976116e-03
## SPAC3G9.04	-2.081663e-04	-7.377379e-04	-2.503572e-03	1.443583e-04
## SPNCRNA.893	8.107599e-02	4.635681e-02	-1.537961e-02	2.963104e-02
## SPNCRNA.87	-5.797108e-05	2.706484e-04	-1.901634e-05	-2.877021e-04
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	1.189972e-03	6.291718e-04	3.017545e-04	-1.178330e-03
## SPAC1486.02c	1.900099e-03	2.777421e-03	4.395928e-03	-1.743882e-03
## SPAC1486.03c	-5.560780e-04	1.712563e-03	-7.065925e-04	-2.495651e-04
## SPNCRNA.14	8.867338e-05	-8.043860e-05	4.813691e-05	-2.622790e-04
## SPAC1486.04c	6.290618e-03	3.197959e-03	-1.178059e-02	-6.501661e-03
## SPAC1486.06	3.958021e-03	8.899997e-04	-1.920814e-03	6.924401e-03
## SPNCRNA.895	3.611646e-05	8.449151e-05	-2.300466e-04	1.740486e-04
## SPAC1486.09	-3.244184e-04	-1.827357e-03	-4.247001e-03	-6.647303e-03
## SPAC6G10.06	-8.371959e-05	1.844149e-04	-6.092891e-05	-1.308009e-04
## SPAC6G10.11c	2.850213e-02	9.467520e-02	-4.787156e-02	2.152126e-02
## SPAC6G10.12c	-3.454978e-04	2.961775e-04	1.479082e-03	-3.077330e-03
## SPNCRNA.897	2.945794e-07	9.756473e-05	-2.616952e-04	5.233686e-04
## SPAC6G9.01c	1.341779e-03	-1.405350e-03	-1.601476e-03	2.710555e-03
## SPAC6G9.04	2.543031e-04	-1.732157e-04	-1.492509e-03	-4.898586e-03
## SPAC6G9.05	8.993539e-05	2.162543e-04	-1.309820e-03	2.098610e-03

## SPAC6G9.06c	-1.730521e-03	5.517754e-03	-2.015203e-03	-7.401280e-04
## SPNCRNA.898	2.791852e-04	5.148896e-04	4.546826e-04	-2.129400e-04
## SPAC6G9.07c	-2.963379e-03	-3.891251e-03	-6.642755e-03	-4.483573e-03
## SPAC6G9.08	1.689925e-03	1.492427e-03	3.144917e-03	1.307207e-03
## SPAC6G9.10c	1.537384e-03	-2.318651e-03	1.087711e-02	-2.916659e-03
## SPAC6G9.11	-7.270981e-04	-1.422585e-05	-3.990708e-03	-2.621038e-03
## SPAC6G9.13c	-2.333461e-04	-1.731075e-05	-3.861195e-05	1.771067e-04
## SPAC6G9.14	-2.380306e-03	-1.198526e-03	-3.208324e-03	3.744607e-04
## SPAC6G9.16c	1.477456e-03	-7.640238e-04	-1.931120e-03	2.258212e-03
## SPAPB1E7.02c	7.889986e-05	4.294091e-04	-2.365745e-03	-3.085051e-03
## SPAPB1E7.05	4.588975e-03	-7.592331e-04	-1.092584e-02	-8.305069e-03
## SPAPB1E7.08c	8.117473e-04	2.508387e-03	-3.341657e-03	-7.338114e-04
## SPAPB1E7.09	1.122183e-03	-8.139743e-03	-4.564155e-03	-2.865087e-03
## SPAPB1E7.11c	-1.025596e-03	1.790462e-03	-4.533385e-03	-3.926903e-03
## SPAPB1E7.12	2.288435e-02	-1.460745e-02	-2.358550e-02	-4.789446e-02
## SPAPB1E7.14	-5.103364e-04	2.645562e-03	6.136580e-04	2.498121e-03
## SPAC2E1P5.02c	-7.674571e-04	1.207618e-03	-5.554203e-04	7.082620e-04
## SPAC2E1P5.04c	-7.504004e-05	-1.354890e-03	-8.491501e-04	-3.186886e-03
## SPAC26A3.01	-3.102555e-04	9.242696e-03	1.048421e-02	4.489741e-04
## SPAC26A3.03c	4.703504e-04	9.402820e-04	-1.918268e-03	5.754767e-04
## SPAC26A3.04	-1.231424e-02	-1.872422e-03	-3.142595e-02	-8.037388e-03
## SPAC26A3.06	4.348253e-04	2.718089e-03	-4.183354e-03	3.481666e-03
## SPAC26A3.07c	-6.438630e-03	-3.771002e-04	1.319032e-02	4.174838e-03
## SPAC26A3.12c	3.210851e-03	-1.790092e-03	-2.054701e-03	-8.930076e-04
## SPAC26A3.11	8.138465e-04	2.409556e-03	-2.128499e-03	-1.147151e-03
## SPAC26A3.14c	-9.734365e-04	1.402554e-03	4.480258e-04	-3.362851e-03
## SPAC26A3.16	2.806617e-03	-6.487663e-03	1.147148e-03	-3.144449e-03
## SPAC26A3.17c	-1.415711e-04	2.291663e-03	3.038011e-03	-2.216039e-03
## SPNCRNA.902	-3.735266e-04	9.197678e-05	1.171052e-03	-9.538203e-04
## SPAC8E11.10	1.121633e-02	9.923959e-03	4.074467e-03	-6.536847e-03
## SPAC8E11.07c	3.269584e-04	-6.294447e-04	6.452538e-04	-1.154660e-04
## SPAC8E11.05c	-8.241010e-04	1.761317e-04	-4.991424e-03	-3.490410e-03
## SPNCRNA.905	-1.508626e-04	-6.529636e-04	-4.083777e-04	1.117700e-03
## SPAC8E11.01c	8.575771e-04	-1.814506e-03	-5.242136e-05	-1.868374e-03
## SPAC959.04c	-1.354430e-03	1.476410e-03	-1.067541e-03	-3.226729e-03
## SPAC959.10	1.072448e-03	-5.786580e-05	-3.408348e-04	1.815990e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	2.330100e-04	1.296329e-04	-5.459353e-04	-9.057463e-05
## SPAC959.08	-7.548827e-03	-2.392858e-02	-2.953605e-02	6.113488e-03
## SPNCRNA.907	-9.754416e-04	8.106019e-04	6.611177e-04	6.198697e-04
## SPAC3H5.12c	-4.101541e-02	1.854422e-02	8.419611e-03	7.888039e-03
## SPAC3H5.11	1.145493e-03	2.220180e-03	-6.430957e-05	1.274099e-03
## SPAC3H5.13	-6.880216e-04	3.940429e-05	-2.136368e-04	2.062032e-03
## SPAC3H5.09c	-6.214177e-03	-2.394254e-03	-7.919455e-03	-5.228282e-03
## SPAC3H5.07	8.939269e-03	7.813712e-03	9.304971e-03	-2.192791e-02
## SPAC3H5.04	-1.294894e-03	1.226403e-03	-1.203745e-03	2.868089e-04
## SPAC3H5.05c	9.855327e-03	1.882189e-02	-8.839403e-03	-2.247958e-03
## SPAC3A11.14c	9.146902e-05	9.657399e-04	-1.244638e-03	-1.568294e-03
## SPNCRNA.561	-2.481027e-04	8.630144e-04	5.968668e-04	6.037030e-04
## SPATRNAARG.01	2.377334e-03	-8.077684e-03	-3.634256e-04	-1.895868e-03
## SPNCRNA.908	-1.470803e-04	1.265736e-04	5.305065e-04	6.765614e-04
## SPAC3A11.11c	-1.482640e-03	2.964600e-03	-1.551839e-03	2.069568e-03
## SPAC3A11.08	5.784446e-04	2.415380e-03	8.222088e-04	-3.097436e-03
## SPAC3A11.07	-9.866711e-03	7.845137e-03	5.300448e-03	-6.900663e-03

## SPAC3A11.06	-8.413514e-04	-1.704707e-03	-1.762942e-03	3.768600e-03
## SPAC328.01c	-4.346394e-03	1.036670e-02	3.247728e-03	6.903899e-04
## SPAC328.02	3.359270e-03	5.261060e-03	4.195141e-03	3.221499e-04
## SPNCRNA.911	-5.939864e-04	-4.961629e-04	1.457869e-04	-8.469317e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	5.279741e-03	9.237682e-03	3.195042e-02	-1.519554e-02
## SPAC328.07c	-2.107766e-03	-1.058431e-03	-4.631670e-03	-2.515290e-04
## SPAC328.09	4.080811e-03	1.484965e-03	-2.511035e-03	-2.540971e-03
## SPNCRNA.912	-4.068144e-05	-3.779240e-05	1.804532e-05	-1.245723e-04
## SPNCRNA.913	-1.625908e-05	-2.222091e-04	-5.186973e-05	-2.543657e-04
## SPAC16E8.01	1.392311e-03	1.704411e-03	-2.487519e-03	-8.692397e-03
## SPAC16E8.04c	8.416286e-05	1.215988e-03	7.682899e-04	-2.861159e-03
## SPNCRNA.914	6.521202e-05	1.205928e-03	-4.652982e-04	-1.547880e-04
## SPNCRNA.562	-2.222577e-05	1.114045e-05	2.060405e-05	2.024843e-04
## SPAC16E8.08	5.066917e-04	-5.141530e-05	-6.160783e-04	-1.210323e-03
## SPAC16E8.10c	5.161633e-04	-1.180613e-03	-9.098501e-04	-2.565851e-03
## SPAC16E8.11c	3.271339e-03	3.734965e-04	-2.238692e-03	-6.886512e-04
## SPAC16E8.18	7.253173e-04	1.147957e-03	-6.164529e-04	6.700202e-04
## SPAC16E8.12c	-1.635140e-04	3.103620e-03	-1.651687e-03	-2.210915e-03
## SPAC16E8.14c	-2.184216e-03	1.751271e-03	6.589154e-04	8.711944e-04
## SPAC16E8.16	-1.195300e-03	9.375108e-04	-2.849048e-03	-2.073363e-03
## SPAC16E8.17c	1.646960e-03	-1.026270e-04	-1.140362e-03	2.155199e-03
## SPAC1B1.02c	1.341336e-03	2.478495e-05	-7.157024e-03	2.506069e-04
## SPAC1B1.03c	3.019288e-03	-4.428619e-03	3.317430e-03	1.719230e-02
## SPAC1B1.04c	1.947581e-03	-8.460824e-04	-5.477252e-04	3.339668e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-4.749696e-04	-2.070312e-05	-6.981167e-04	1.898084e-04
## SPAC17A2.03c	-2.768266e-03	-3.476719e-03	2.299970e-03	2.107956e-03
## SPNCRNA.917	-1.800281e-05	6.155291e-06	1.957231e-05	-1.157107e-06
## SPNCRNA.918	3.038894e-04	-3.045119e-04	-1.021311e-04	-3.749666e-04
## SPAC17A2.12	1.458183e-03	1.985886e-03	-2.610716e-03	-7.014862e-04
## SPAC17A2.13c	5.015322e-03	-5.425471e-03	-6.883899e-03	-5.073114e-04
## SPNCRNA.919	-1.722686e-04	-1.673864e-04	3.021883e-04	-4.960393e-04
## SPAC17A2.14	1.248546e-03	-3.536015e-03	4.296007e-03	-7.012194e-03
## SPNCRNA.600	-2.433995e-04	-1.415108e-04	-3.556599e-04	-5.003425e-04
## SPAC17G6.07c	-1.643749e-03	3.377236e-03	-1.608443e-03	-1.477004e-03
## SPAC17G6.09	4.575238e-03	-5.030988e-04	-2.157771e-03	6.934794e-05
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	4.045624e-04	1.334963e-03	-6.105445e-04	-4.498984e-03
## SPNCRNA.922	-4.609462e-04	2.383320e-04	-7.473125e-05	-4.713481e-04
## SPAC1142.03c	5.680972e-04	-5.559171e-04	-3.668333e-04	4.109780e-04
## SPRRNA.16	-4.130831e-03	-1.454033e-03	-3.486012e-03	1.547647e-03
## SPNCRNA.924	3.011430e-05	4.145445e-05	-1.752120e-05	1.296680e-05
## SPAC8C9.03	-9.124776e-03	5.709123e-03	1.355711e-03	3.404603e-03
## SPAC8C9.05	-1.574409e-03	-1.838709e-03	2.875034e-03	1.217179e-03
## SPAC8C9.06c	-4.294962e-03	1.889474e-03	2.548665e-03	-2.613866e-03
## SPAC8C9.10c	-2.038232e-04	-9.555690e-04	1.365259e-03	-3.760673e-03
## SPAC8C9.16c	1.453470e-04	8.617732e-05	3.846484e-03	9.673012e-04
## SPAC15A10.01	1.128674e-03	2.158557e-03	-1.685154e-03	-1.498650e-03
## SPAC8C9.17c	-3.032460e-03	2.396333e-03	-7.445416e-04	-1.613207e-03
## SPAC15A10.02	4.141201e-04	-1.267241e-03	-5.323468e-03	4.478802e-03
## SPAC15A10.03c	8.991555e-04	3.165225e-03	3.653571e-04	3.235404e-03
## SPAC15A10.04c	-5.566880e-04	1.120293e-03	-9.690145e-03	-1.753256e-02
## SPAC15A10.05c	-3.693925e-04	-6.157129e-04	1.266128e-04	-1.733098e-03

## SPAC15A10.07	1.289815e-03	1.295761e-03	-9.185646e-04	1.583321e-03
## SPAC15A10.10	4.873628e-06	3.616861e-03	6.559021e-04	-2.636032e-04
## SPATRNAPHE.01	8.576940e-03	1.774699e-02	1.288831e-02	2.116510e-02
## SPATRNAVAL.04	4.961041e-03	-7.668015e-03	1.764966e-03	5.613332e-03
## SPNCRNA.929	6.749080e-04	9.465162e-05	-1.555388e-04	-6.133033e-05
## SPAC15A10.15	1.231044e-04	1.467228e-03	-2.794451e-03	-2.590778e-03
## SPAC15A10.16	-1.568169e-03	8.873525e-04	-1.116060e-03	-1.303851e-03
## SPAC15E1.02c	5.595295e-03	1.257129e-02	8.771048e-03	-1.311379e-02
## SPAC15E1.04	2.022398e-03	-5.858483e-03	2.101594e-03	-2.553682e-03
## SPAC15E1.06	-2.725004e-03	3.633418e-03	-3.543504e-03	3.408904e-03
## SPAC15E1.07c	3.110281e-05	-2.467306e-04	-1.700192e-04	4.399292e-04
## SPAC15E1.08	-3.187981e-03	6.579956e-03	-4.655378e-04	4.017648e-04
## SPNCRNA.931	-4.182747e-05	1.064559e-04	-1.647061e-04	2.133525e-05
## SPNCRNA.524	4.260749e-06	-2.768830e-05	6.049868e-05	-2.875282e-04
## SPAP7G5.03	-1.572313e-03	2.478122e-03	-3.627508e-04	1.523526e-03
## SPAP7G5.04c	1.117264e-02	5.620144e-02	-2.677545e-02	-2.297350e-02
## SPNCRNA.933	-2.100134e-04	2.816848e-04	3.875939e-04	-3.970341e-04
## SPAP7G5.06	-5.043834e-03	-3.836528e-03	5.668670e-04	-3.215276e-03
## SPATRNAPHE.02	-2.822230e-02	-2.150287e-02	4.676606e-02	-3.548850e-02
## SPATRNAALA.04	-5.955455e-04	-5.724440e-04	-8.059935e-04	-7.907790e-04
## SPATRNAGLU.03	1.341316e-02	3.950935e-03	-5.220001e-03	6.212448e-04
## SPATRNAILE.04	6.216997e-04	3.850054e-04	9.298343e-05	2.261233e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-9.196974e-06	-8.852035e-05	-1.322371e-04	-1.933063e-04
## SPAP4C9.02	5.443617e-04	8.589310e-04	-1.380695e-03	-2.451082e-04
## SPNCRNA.936	-1.728720e-04	5.569134e-04	-4.049782e-04	3.154532e-05
## SPAC1556.02c	9.919940e-03	-9.958578e-04	-2.393863e-02	-1.783544e-02
## SPAC1556.06	-1.893797e-04	-3.181730e-04	3.471558e-04	-3.601713e-04
## SPAC1556.07	-4.994734e-03	6.266032e-03	1.945857e-02	-1.716322e-02
## SPAC1556.08c	2.995178e-03	2.553044e-03	2.182465e-03	1.515019e-03
## SPAC1F12.06c	2.496678e-04	9.694047e-04	2.956758e-04	8.275560e-04
## SPAC1F12.08	1.061620e-04	2.900724e-04	-7.727657e-04	4.506978e-04
## SPAC1F12.09	1.566694e-03	-1.553893e-04	-4.519991e-03	-2.408903e-03
## SPAC1F12.10c	1.611464e-02	3.847050e-03	1.601181e-02	3.332014e-04
## SPAC4H3.17	-1.727188e-04	-5.844668e-05	-2.577191e-05	2.436262e-04
## SPAC4H3.02c	-1.532973e-04	8.177811e-04	2.809991e-04	-4.973654e-04
## SPNCRNA.938	-2.379798e-04	-7.054401e-04	3.334669e-04	2.435396e-04
## SPRRNA.17	-3.401989e-05	6.597148e-03	-8.915005e-03	8.903379e-04
## SPAC4H3.04c	1.564939e-03	-1.633949e-03	-2.413745e-04	1.086131e-03
## SPAC4H3.05	6.042981e-04	-2.302406e-04	-2.197507e-03	1.581372e-03
## SPAC4H3.16	-1.475063e-03	-4.519285e-04	1.591271e-03	8.143580e-04
## SPNCRNA.939	1.180918e-04	-2.373241e-04	-8.457773e-04	-2.933894e-04
## SPAC4H3.07c	-8.889197e-04	2.773329e-03	-1.069053e-03	-1.291263e-03
## SPNCRNA.940	-1.182648e-04	1.978666e-04	1.765102e-04	-2.260024e-04
## SPAC4H3.08	1.699194e-03	4.231961e-04	1.456861e-04	-7.412899e-03
## SPAC4H3.10c	4.674489e-02	-7.761605e-02	-6.572166e-03	2.674771e-03
## SPAC4H3.11c	3.938994e-04	-1.046464e-03	1.854899e-03	1.012066e-04
## SPAC4H3.13	1.390132e-05	-1.450416e-04	-1.837366e-03	5.270997e-04
## SPAC4H3.14c	5.302142e-03	1.912021e-03	-2.814554e-03	2.945848e-03
## SPAC1071.04c	8.830679e-04	2.713710e-05	-3.728659e-04	3.765411e-04
## SPAC1071.07c	-3.332694e-02	-1.790444e-03	-2.181102e-02	7.866321e-02
## SPAC1071.09c	-1.568658e-03	-9.226424e-04	2.091573e-03	2.780275e-03
## SPNCRNA.92	3.039686e-05	9.516154e-06	2.424891e-05	-6.605949e-06

## SPNCRNA.944	5.251848e-05	5.030060e-04	-6.924732e-05	-1.317655e-04
## SPAC1071.11	8.974502e-04	6.609323e-04	4.826477e-04	1.601390e-03
## SPNCRNA.947	4.918518e-04	-6.636387e-04	-2.338150e-04	4.812108e-04
## SPAC926.06c	4.519046e-04	2.450857e-03	3.449542e-04	-3.671042e-03
## SPAC926.07c	-5.979577e-04	-9.352412e-04	-7.156533e-05	1.006206e-05
## SPAC926.08c	2.848974e-03	4.259672e-03	-8.466400e-03	3.053856e-03
## SPAC323.02c	-3.851207e-03	-4.638570e-03	1.560029e-04	-7.968467e-04
## SPAC323.03c	-6.281935e-04	-8.838376e-04	-7.393808e-04	-8.413311e-04
## SPAC323.04	1.647622e-03	3.623458e-03	-1.088309e-03	-9.246283e-04
## SPAC323.05c	-7.230437e-04	2.122428e-03	5.530654e-04	2.852666e-03
## SPAC323.08	1.625013e-03	-1.085805e-03	-2.086560e-04	3.956605e-04
## SPAC2F3.01	-1.374852e-03	1.977922e-03	1.690220e-03	-2.935029e-03
## SPAC2F3.17c	1.962089e-03	3.369795e-03	2.959922e-04	1.239436e-03
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-3.090400e-03	-2.098433e-03	9.910341e-04	6.479909e-03
## SPAC2F3.10	9.153303e-04	6.105971e-04	-1.203958e-03	-9.577368e-04
## SPAC2F3.13c	3.924815e-04	2.627331e-03	3.888896e-03	-2.752414e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	-6.383632e-04	-2.102025e-04	3.036630e-04	-2.017660e-03
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	3.661618e-03	-3.545008e-03	-2.276114e-03	-3.718038e-03
## SPAC2F3.16	-1.149929e-03	5.027109e-03	1.367149e-03	1.080722e-03
## SPAC11G7.05c	1.103819e-04	-6.178810e-04	-1.200863e-03	1.778518e-04
## SPAC11G7.06c	-7.148034e-04	4.855619e-04	6.159752e-04	5.449396e-04
## SPNCRNA.952	-4.549040e-04	-6.216921e-04	4.164905e-05	1.955487e-04
## SPAPB18E9.02c	1.784339e-03	8.204155e-03	-1.670303e-03	-3.373075e-03
## SPNCRNA.953	-1.831849e-04	2.306444e-03	-2.291052e-03	-5.767785e-04
## SPAPB18E9.04c	-8.214902e-04	-1.122121e-03	-5.864276e-04	-5.458439e-04
## SPNCRNA.954	5.514092e-04	-2.142006e-05	-1.163563e-04	-1.610688e-03
## SPAPB15E9.06	4.598235e-04	-2.892888e-04	-3.140802e-04	-3.120266e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-1.251616e-04	2.200949e-03	-2.929785e-03	-2.844324e-03
## SPNCRNA.955	-4.728476e-04	2.761626e-04	2.031598e-04	4.876075e-04
## SPAC27E2.03c	1.373230e-02	-7.978431e-04	-9.724557e-03	6.604819e-03
## SPAC27E2.11c	1.329666e-04	-8.317348e-06	1.840001e-04	-8.144943e-05
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	-1.301707e-04	-3.787650e-04	-1.011928e-04	2.285311e-04
## SPAC27E2.12	-1.904344e-05	-4.800177e-05	-3.002468e-05	3.126687e-04
## SPAC27E2.06c	3.161375e-03	-1.558999e-03	-2.235374e-03	-1.854448e-03
## SPAC27E2.07	4.309581e-04	-2.162645e-05	-6.394973e-04	-2.463023e-05
## SPAC27E2.08	-1.243360e-04	-2.143097e-05	-9.323615e-05	-2.332745e-05
## SPAPJ698.02c	3.595578e-03	-1.653458e-02	1.958164e-02	3.678202e-03
## SPAC19G12.01c	5.828973e-04	1.456957e-03	-1.436368e-03	-9.979256e-04
## SPAC19G12.03	-9.060313e-04	2.215657e-03	2.688493e-03	-1.302238e-03
## SPNCRNA.956	-2.612016e-04	-1.714093e-04	-1.783246e-04	-2.231829e-05
## SPAC19G12.05	-2.626391e-03	1.095505e-03	-2.333178e-03	-6.880931e-03
## SPAC19G12.10c	-3.675137e-02	2.880918e-02	4.624784e-02	2.039489e-02
## SPAC19G12.17	-6.908433e-05	1.057963e-03	-1.032078e-03	-1.595722e-03
## SPAC19G12.11	-2.350770e-03	6.228910e-04	1.562736e-03	2.608627e-03
## SPAC19G12.12	-1.794547e-03	5.554838e-04	-1.265095e-03	-2.723931e-03
## SPAC19G12.15c	2.553281e-03	-1.404680e-02	-3.275025e-03	1.405879e-02
## SPAC19G12.16c	8.651934e-04	1.460016e-02	-7.559147e-03	3.996979e-03
## SPAC23A1.02c	7.439483e-04	3.699723e-03	1.144340e-03	6.864922e-03

## SPAC23A1.03	7.313686e-03	8.326512e-03	1.272906e-02	2.654124e-02
## SPAC23A1.04c	-2.149630e-03	1.745891e-03	-7.918741e-04	-3.895941e-03
## SPAC23A1.05	1.168826e-03	3.648440e-03	-1.445084e-03	-3.673110e-03
## SPAC23A1.06c	3.564529e-03	-4.336488e-03	5.791738e-03	-3.482470e-03
## SPAC23A1.09	-1.193292e-03	7.315315e-05	6.614784e-05	-5.017959e-04
## SPNCRNA.957	6.167466e-05	-1.004738e-04	-4.587747e-04	-8.102617e-05
## SPAC23A1.11	2.023695e-02	-1.905583e-02	1.654583e-02	2.226399e-02
## SPAC23A1.12c	-1.451006e-03	-2.619045e-03	-3.936265e-03	-2.240724e-03
## SPNCRNA.958	-6.759442e-04	-6.856493e-04	5.223069e-04	-1.752656e-03
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	-3.723450e-03	4.705599e-04	-3.043204e-04	-8.083362e-04
## SPAC23A1.17	-6.719733e-03	2.257710e-04	6.221585e-03	-1.485293e-03
## SPAC23A1.18c	-3.120843e-04	-2.320495e-03	4.201990e-04	2.544938e-04
## SPAC23A1.19c	2.429382e-03	3.545690e-03	-1.682260e-03	-4.216984e-03
## SPAC26H5.02c	1.177411e-03	8.471991e-04	-3.974669e-03	5.795185e-04
## SPAC26H5.03	9.660301e-04	-1.924342e-03	-1.607951e-03	-7.496073e-04
## SPNCRNA.959	2.458748e-04	-3.890918e-04	8.152025e-04	-1.349777e-04
## SPNCRNA.960	2.511228e-04	-2.124856e-04	-1.465378e-05	-4.915752e-05
## SPAC26H5.05	-3.863918e-04	-9.399709e-03	-3.785199e-03	-9.735306e-04
## SPAC26H5.06	-2.930779e-03	4.028071e-03	-9.185200e-04	-5.267848e-03
## SPNCRNA.963	-5.873774e-04	8.047417e-04	5.668519e-06	4.505448e-05
## SPAC26H5.11	3.865894e-03	4.392609e-03	4.625852e-03	8.046950e-03
## SPAC26H5.12	-1.737385e-03	2.834591e-03	4.292677e-03	1.311269e-03
## SPAC26H5.13c	-4.505410e-04	1.477474e-03	9.983674e-05	9.611582e-04
## SPAC25B8.01	-1.723155e-04	5.444621e-03	1.669670e-03	-1.243763e-03
## SPAC25B8.06c	7.800424e-04	-9.632898e-04	-5.748275e-04	1.107487e-03
## SPAC25B8.08	7.748211e-04	-1.824090e-03	-2.838958e-03	-1.688017e-03
## SPNCRNA.966	3.354602e-05	4.102126e-04	-2.546753e-04	9.530913e-04
## SPAC25B8.09	4.836685e-04	3.737755e-04	-6.723729e-04	-1.358600e-03
## SPAC25B8.12c	-7.253456e-03	-1.709486e-02	-2.935637e-02	-9.039311e-03
## SPAC25B8.17	-3.646905e-03	-5.578532e-04	1.831543e-04	1.620311e-03
## SPAC25B8.18	-6.622928e-04	4.054958e-04	-1.470269e-03	4.931467e-04
## SPAC25B8.19c	-2.513614e-03	1.260629e-04	-7.843644e-04	1.221622e-03
## SPAC683.03	-5.644064e-05	-6.419426e-05	-4.931241e-05	-6.196392e-05
## SPNCRNA.969	3.740847e-04	6.095429e-05	9.874675e-04	-1.219979e-03
## SPAC683.02c	2.591063e-03	-1.661878e-03	-2.217748e-03	-4.471778e-03
## SPAC694.02	-3.352619e-03	3.518161e-02	-1.036856e-03	2.643864e-02
## SPAC694.05c	-1.974519e-02	2.376223e-03	-4.801104e-03	-2.609252e-02
## SPAC694.06c	-2.056361e-03	3.029281e-03	-1.643561e-03	-2.008475e-03
## SPAC1F7.01c	4.515313e-04	1.036200e-03	-3.853374e-04	1.116807e-03
## SPAC1F7.14c	-4.033876e-04	5.856520e-04	-1.322343e-04	-1.894685e-03
## SPAC1F7.04	8.178735e-04	-7.969759e-03	5.666509e-03	1.047880e-02
## SPAC1F7.05	1.847152e-02	1.565205e-02	-1.379211e-02	1.228659e-02
## SPNCRNA.973	5.724503e-04	1.997523e-04	1.336623e-04	-5.713434e-04
## SPNCRNA.243	6.099455e-05	5.689336e-05	-1.612332e-04	1.957544e-04
## SPAC1F7.08	-1.096573e-02	7.633820e-03	2.364071e-03	6.408392e-02
## SPAC1F7.09c	4.271560e-04	-1.038163e-03	-5.121371e-04	1.763862e-03
## SPAC1F7.13c	8.398804e-05	-5.368376e-02	-5.178119e-02	-4.463316e-02
## SPAC21E11.04	1.079019e-03	9.416025e-04	-2.339850e-03	-1.608410e-03
## SPAC21E11.06	-2.542760e-03	-6.147654e-03	-2.139649e-03	-4.420165e-03
## SPNCRNA.13	9.890690e-06	-7.985449e-06	-8.220423e-05	5.172487e-05
## SPAC21E11.07	1.488344e-03	1.680864e-03	2.797232e-03	-2.624486e-03
## SPAC2C4.03c	1.219246e-03	-2.559802e-04	-1.688350e-03	2.061749e-03
## SPAC2C4.04c	-4.167787e-04	1.690583e-03	2.341321e-03	-1.988190e-04

## SPNCRNA.98	-1.287272e-02	7.146781e-03	6.761944e-02	3.821711e-02
## SPAC2C4.07c	-2.351582e-03	1.068592e-03	-3.090285e-03	-7.873786e-04
## SPAC2C4.09	1.272965e-03	-4.255023e-04	6.132118e-04	-2.693693e-03
## SPAC2C4.10c	3.178291e-04	2.365931e-03	3.091142e-04	3.473301e-04
## SPAC2C4.13	-3.097868e-03	1.226872e-02	-3.287338e-04	2.216517e-04
## SPAC2C4.17c	-6.553196e-03	-3.376169e-03	-3.365203e-03	8.821390e-03
## SPAC25G10.02	2.650694e-04	1.248705e-03	-4.570202e-04	1.064499e-03
## SPAC25G10.03	-4.590075e-03	-7.330157e-03	-7.425187e-03	-2.484525e-04
## SPAC25G10.04c	-2.543745e-04	7.355126e-05	1.380332e-05	-6.600715e-04
## SPAC25G10.08	1.458638e-02	2.605060e-03	-7.335334e-03	7.275979e-03
## SPAC27F1.05c	-3.074191e-04	-1.863771e-03	1.424672e-03	-7.418418e-04
## SPNCRNA.977	-1.439419e-04	3.798444e-04	5.090920e-04	3.769802e-05
## SPAC27F1.10	-2.310317e-04	-8.338783e-06	2.833793e-04	7.813358e-05
## SPNCRNA.978	2.396877e-05	-1.332200e-04	2.982641e-04	-1.605300e-04
## SPAC27F1.06c	4.357105e-04	4.091194e-03	-3.427834e-03	-4.608283e-03
## SPAC23D3.04c	7.567058e-03	1.746634e-02	-5.365850e-03	-7.426549e-03
## SPAC23D3.05c	1.187333e-03	-1.386101e-03	-1.213795e-03	-1.019405e-03
## SPAC23D3.06c	1.520736e-03	-3.963088e-03	3.004651e-03	-3.426324e-04
## SPAC23D3.07	-8.983478e-03	1.115760e-03	6.837680e-03	5.353916e-03
## SPAC23D3.09	3.212697e-04	1.142270e-03	-4.388137e-03	-5.613162e-05
## SPAC23D3.10c	-2.123751e-03	5.619289e-04	-5.489487e-03	1.957949e-03
## SPNCRNA.244	-2.243040e-04	-3.261887e-04	-1.183147e-05	-1.942691e-04
## SPAC23D3.12	5.822068e-04	-3.585204e-03	2.336794e-03	-2.148117e-02
## SPAC23D3.16	-2.258710e-04	1.099091e-03	-5.548727e-04	1.947319e-03
## SPAC23D3.13c	2.927092e-04	1.359226e-03	-5.511268e-04	-2.676805e-03
## SPAC23D3.14c	-1.165854e-03	-6.788474e-04	-2.136424e-03	1.074090e-03
## SPNCRNA.982	-2.140210e-04	8.282970e-04	-1.791816e-03	1.134450e-03
## SPAC1527.01	1.285706e-03	4.059498e-03	-3.255179e-03	-6.858331e-03
## SPAC1527.02	3.131433e-04	-1.342501e-03	-1.231432e-03	-1.159979e-05
## SPAC1527.03	4.497742e-03	7.275588e-04	-2.153214e-03	1.725551e-03
## SPAC30.03c	-2.057857e-03	-1.528023e-03	-6.573491e-03	-3.326799e-03
## SPNCRNA.983	8.644352e-05	-1.315670e-04	-6.966517e-05	9.750519e-05
## SPNCRNA.984	-6.769152e-04	-9.923718e-04	-8.154038e-04	-1.652344e-04
## SPNCRNA.246	6.033077e-05	-1.852608e-05	9.446524e-06	9.977661e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	-3.813227e-03	3.351529e-03	-6.032629e-03	-2.529759e-03
## SPAC29E6.06c	-2.682229e-03	8.699837e-03	-9.686661e-04	-1.124899e-02
## SPAC29E6.09	6.835611e-04	-1.167066e-03	-4.082236e-03	8.699946e-04
## SPAC29E6.10c	7.920849e-04	-1.812468e-03	-7.138189e-03	-6.608649e-03
## SPAC16.02c	7.752897e-03	3.038000e-03	3.527482e-03	2.632854e-04
## SPNCRNA.247	-7.172855e-05	1.955085e-04	6.303597e-05	1.345363e-05
## SPAC16.04	2.130043e-03	-2.194766e-03	-1.166586e-03	-2.314372e-03
## SPNCRNA.99	5.561095e-04	-1.634829e-03	-2.496565e-03	-1.000948e-03
## SPAC9E9.02	-9.160767e-04	7.682768e-04	1.600972e-04	-1.396660e-04
## SPNCRNA.988	-2.817042e-04	-7.222499e-05	-1.565334e-05	6.994281e-04
## SPAC9E9.05	-3.968009e-04	6.746444e-04	6.703315e-04	1.134343e-03
## SPAC9E9.06c	-5.874752e-04	1.566717e-02	1.097767e-02	-3.974398e-03
## SPAC9E9.07c	-1.033412e-03	3.617680e-03	2.246434e-03	3.061437e-03
## SPAC9E9.08	1.709029e-03	-4.175421e-03	-2.374167e-03	-2.261573e-03
## SPNCRNA.990	4.333889e-04	8.317307e-05	-3.576534e-04	-1.845852e-03
## SPAC9E9.10c	3.520242e-03	1.923180e-03	3.207603e-03	-2.590269e-03
## SPAC9E9.11	2.448560e-02	2.900522e-02	5.906227e-03	-2.087595e-02
## SPAC9E9.12c	3.187735e-03	-3.514165e-03	3.127105e-03	1.667735e-04
## SPAC9E9.13	-1.708328e-02	1.702153e-02	1.562050e-02	-6.915750e-03

## SPAC9E9.14	-3.930768e-04	1.484363e-03	2.025727e-03	-6.637903e-03
## SPAC17C9.16c	4.396897e-03	4.622829e-03	3.302310e-03	-2.005167e-03
## SPAC17C9.15c	1.201041e-03	2.605200e-03	-5.890881e-04	-4.532478e-04
## SPAC17C9.13c	3.165557e-03	3.315620e-03	5.213386e-03	-7.691331e-03
## SPAC17C9.12	1.545365e-05	-1.398348e-03	1.885508e-03	-7.814604e-04
## SPAC17C9.11c	1.146118e-03	2.057162e-03	-9.344532e-04	1.323181e-03
## SPAC17C9.09c	3.063198e-03	-2.192286e-04	-2.606822e-03	6.208252e-03
## SPAC17C9.08	7.492101e-04	9.448860e-04	-1.766291e-03	-3.092039e-04
## SPAC17C9.06	3.196366e-03	2.548170e-03	-3.545479e-03	-1.790419e-03
## SPAC17C9.03	2.131930e-02	-1.348261e-05	7.976107e-03	-5.067920e-02
## SPAC17C9.02c	1.180861e-03	1.491533e-03	-8.202003e-04	-1.297876e-03
## SPAC1851.02	5.487359e-03	1.236405e-02	5.179363e-03	-1.849644e-03
## SPAC1851.03	2.962257e-03	-3.058289e-03	7.449450e-04	-3.736114e-04
## SPNCRNA.992	5.538493e-04	-4.625424e-05	-4.910918e-04	1.535946e-03
## SPAC27D7.03c	8.598404e-04	-2.091737e-03	2.092217e-03	-9.135090e-04
## SPAC27D7.04	1.503077e-04	1.155594e-05	-3.513244e-03	9.615988e-04
## SPAC27D7.05c	-7.559101e-04	-4.895120e-04	-3.756158e-05	-1.349058e-03
## SPAC27D7.07c	-1.046501e-03	4.189986e-03	-1.191610e-03	3.064079e-03
## SPAC27D7.08c	1.119053e-04	-3.485179e-03	-8.034967e-04	-2.841239e-03
## SPAC27D7.09c	1.604144e-02	-1.757622e-02	6.596999e-03	6.394486e-03
## SPAC27D7.11c	-2.604595e-02	2.096115e-02	-4.186412e-03	-1.092873e-02
##	[,29]	[,30]	[,31]	[,32]
## SPAC212.11	5.901142e-04	8.547790e-04	6.317880e-04	-5.454609e-04
## SPAC212.09c	-8.684073e-04	6.568694e-04	-6.689794e-04	-4.620337e-04
## SPNCRNA.70	2.736158e-07	-1.266754e-05	-1.287309e-05	-2.190090e-06
## SPAC212.12	-4.272388e-05	3.681332e-06	-8.198681e-05	-4.096486e-05
## SPAC212.04c	-7.145157e-04	1.951060e-04	-1.462594e-03	7.363568e-04
## SPAC212.03	-2.668947e-05	-2.663834e-05	3.174846e-05	-2.614039e-05
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	1.627882e-04	-1.418928e-04	1.228022e-05	6.440623e-05
## SPAC977.03	6.933657e-06	1.397754e-05	-2.502073e-05	7.021908e-06
## SPAC977.04	-4.739747e-05	-1.284985e-05	2.121085e-06	4.959741e-06
## SPAC977.05c	-1.615484e-05	-9.509110e-05	-3.414342e-05	1.065609e-05
## SPNCRNA.136	-2.466660e-05	-2.585569e-05	2.058277e-05	-3.066515e-05
## SPNCRNA.601	-5.348506e-04	-2.661689e-04	-5.108060e-04	3.280967e-04
## SPAC977.07c	2.729852e-05	5.136295e-05	-3.756954e-05	1.884988e-06
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	-1.169917e-03	4.030787e-04	6.380876e-05	-2.009895e-03
## SPAC977.13c	8.015097e-04	-5.047896e-04	8.023091e-05	9.980652e-04
## SPAC977.15	1.073935e-03	3.083312e-03	9.117982e-04	6.266534e-04
## SPAC977.16c	5.631443e-04	-5.293591e-04	2.486255e-03	2.376580e-03
## SPNCRNA.37	3.252439e-05	-3.103505e-05	2.553036e-05	-1.309689e-04
## SPAPJ695.01c	-7.996030e-06	2.983503e-05	-6.663777e-06	4.700131e-05
## SPNCRNA.76	-2.415095e-04	-8.799638e-05	-3.508225e-05	-3.387181e-04
## SPNCRNA.603	1.491233e-04	-3.993308e-04	-8.942118e-05	1.495787e-04
## SPNCRNA.607	-5.558278e-04	3.751179e-04	-2.185252e-03	1.699182e-03
## SPAC1F8.06	-1.417466e-03	3.407638e-03	-1.328820e-03	1.644455e-03
## SPAC1F8.08	6.897986e-05	-6.872655e-04	1.759778e-03	-1.273587e-03
## SPAC11D3.19	2.192015e-05	4.755742e-04	3.677882e-04	-4.556379e-08
## SPAC11D3.01c	2.263768e-03	-1.451994e-02	-1.473359e-02	-2.613153e-03
## SPNCRNA.608	-1.479819e-03	3.902262e-04	-1.771752e-03	-6.258943e-04
## SPAC11D3.02c	5.396549e-03	4.139353e-04	4.975719e-03	-3.323685e-03
## SPAC11D3.03c	1.777738e-04	1.108956e-03	1.540041e-03	1.015969e-04

## SPAC11D3.05	3.825993e-04	6.571850e-03	8.630820e-04	-6.265371e-04
## SPAC11D3.07c	4.090342e-03	5.280176e-03	-6.969605e-03	-2.274874e-04
## SPAC11D3.08c	-1.445340e-03	-3.079607e-03	1.851892e-04	-5.077139e-03
## SPAC11D3.11c	1.956825e-03	2.853176e-03	-2.659129e-03	-2.407559e-03
## SPAC11D3.14c	1.157103e-04	1.773696e-03	1.825237e-03	-7.037631e-04
## SPNCRNA.609	-7.700079e-04	-1.575693e-04	-2.252035e-03	1.915996e-03
## SPNCRNA.147	1.296676e-06	2.366379e-05	-1.333087e-04	1.620513e-05
## SPNCRNA.610	-1.468459e-04	3.495361e-04	5.969778e-05	3.880952e-05
## SPAC11D3.16c	-5.366054e-05	-5.629746e-04	-2.478435e-04	-7.358777e-04
## SPAC11D3.18c	8.264608e-04	-1.558550e-03	-7.263219e-04	1.266128e-03
## SPNCRNA.612	7.193419e-05	2.838868e-03	-3.159941e-04	-1.313635e-03
## SPAC5H10.01	2.020508e-04	1.297965e-03	-2.550756e-04	-3.154477e-04
## SPAC5H10.03	5.096638e-03	-2.983362e-02	1.245954e-02	1.416808e-02
## SPAC5H10.04	1.335056e-03	-2.282022e-03	8.421631e-04	-2.956174e-04
## SPAC5H10.06c	-2.511790e-03	-1.995049e-03	-1.029741e-03	-5.513035e-04
## SPAC5H10.08c	-7.361176e-04	7.650430e-03	5.450142e-03	-2.973342e-03
## SPAC5H10.09c	5.488302e-04	-3.791284e-04	-1.331428e-03	-1.714522e-03
## SPAC5H10.10	1.997957e-03	8.076226e-03	1.714261e-03	-5.078900e-04
## SPAC5H10.11	-8.163332e-04	6.815584e-04	-1.403322e-04	-1.605738e-06
## SPAC5H10.12c	-8.743599e-03	-1.191129e-03	-7.521393e-04	-9.044677e-04
## SPAC5H10.13c	-9.684315e-04	7.817459e-03	1.200190e-03	-3.677997e-03
## SPNCRNA.617	-9.660423e-05	8.184954e-04	7.536968e-05	1.018230e-03
## SPAC13G6.01c	3.077010e-03	-1.555128e-03	1.178770e-03	-2.351496e-04
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	2.573284e-03	7.590465e-04	-4.267735e-03	2.815947e-03
## SPNCRNA.618	-2.607304e-04	-9.603838e-04	1.382194e-04	-4.239144e-04
## SPNCRNA.620	5.983666e-05	-2.460148e-04	1.155647e-04	2.789529e-04
## SPAC13G6.14	-5.071004e-03	1.763190e-03	-4.355213e-03	-2.744847e-03
## SPAC13G6.15c	1.136935e-03	-8.026127e-04	-2.759125e-03	2.732575e-03
## SPNCRNA.621	2.550221e-04	-5.186800e-04	-6.736608e-04	-5.765647e-04
## SPAC24B11.05	-1.993054e-03	1.878203e-03	4.335219e-04	-3.558289e-03
## SPAC24B11.08c	-2.275791e-04	3.166200e-03	2.620021e-03	-1.975712e-03
## SPNCRNA.142	1.624468e-04	-3.371707e-05	-6.296663e-05	6.703228e-05
## SPAC24B11.09	-4.217120e-03	-4.031234e-03	1.661283e-03	5.679991e-03
## SPAC24B11.11c	-1.122868e-03	1.276034e-03	-3.224163e-03	1.402600e-03
## SPAC24B11.12c	3.366827e-04	-4.661597e-03	-1.209401e-02	2.035426e-03
## SPNCRNA.624	-2.158825e-03	-3.012565e-03	-1.825040e-03	2.338660e-03
## SPAC806.02c	1.176061e-02	-4.321896e-03	-4.298543e-03	-5.404932e-03
## SPNCRNA.625	-5.910527e-04	2.738959e-04	-2.973371e-04	-7.430068e-04
## SPAC806.11	1.034895e-04	-1.430054e-04	-4.873101e-05	-2.632698e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-1.109893e-03	5.945102e-04	9.691593e-04	-4.162797e-05
## SPNCRNA.627	-5.299879e-04	5.406015e-04	2.175140e-04	6.408300e-05
## SPNCRNA.628	1.171155e-04	7.580844e-05	-1.876502e-04	-3.865599e-05
## SPAC806.06c	1.034942e-03	-5.395047e-04	-2.372509e-03	-1.599732e-03
## SPAC806.07	5.828229e-03	1.515423e-03	1.240037e-03	-3.427246e-03
## SPNCRNA.630	-8.183140e-04	-6.470003e-04	-7.082169e-04	1.587877e-03
## SPAC1F5.11c	4.185437e-03	4.957258e-03	-8.663029e-03	-1.502998e-02
## SPNCRNA.632	-7.189185e-05	1.175858e-04	6.210504e-05	1.657501e-04
## SPNCRNA.633	1.314121e-04	-1.128600e-03	-4.298397e-04	1.370470e-04
## SPAC1F5.07c	1.198562e-03	1.670741e-03	-4.760290e-03	5.168798e-04
## SPAC1F5.04c	1.600428e-03	-2.744669e-04	-5.282834e-03	4.274355e-03
## SPAC1F5.02	3.014694e-02	4.254738e-02	1.611674e-03	7.460999e-03
## SPNCRNA.148	-9.483694e-05	-1.090528e-04	-2.716554e-05	-2.369101e-05

## SPAC18B11.10	-2.464490e-04	5.513834e-03	-4.525065e-03	3.317746e-03
## SPNCRNA.27	5.734920e-06	-9.566502e-05	2.655003e-05	5.157218e-05
## SPNCRNA.635	1.510224e-04	9.567090e-05	4.430721e-05	6.784237e-05
## SPAC18B11.09c	1.449092e-03	9.601078e-04	3.664896e-04	2.528691e-05
## SPAC18B11.08c	1.756248e-03	-2.559677e-03	-1.065878e-03	-4.052967e-04
## SPAC18B11.07c	4.663599e-03	-9.325703e-04	-5.258414e-03	1.093859e-03
## SPAC18B11.04	8.979931e-04	1.567785e-04	-1.252460e-03	-1.388791e-03
## SPNCRNA.636	9.469699e-04	-2.178501e-03	-1.449620e-03	-1.606117e-03
## SPAC18B11.02c	-1.020709e-04	1.925407e-03	2.608940e-03	-2.215688e-03
## SPAC12G12.15	-9.933297e-04	-1.987896e-03	-7.406148e-04	-1.369047e-05
## SPNCRNA.637	-5.758574e-04	-1.166013e-03	3.718920e-04	6.398111e-04
## SPAC12G12.14c	-5.500294e-04	3.842493e-04	-1.865294e-03	1.234979e-03
## SPNCRNA.638	-7.367758e-05	-1.996656e-04	1.002914e-04	1.692863e-04
## SPAC12G12.10	2.504881e-04	7.086522e-03	-2.190222e-03	-2.144097e-03
## SPAC12G12.09	-3.801490e-04	-2.083072e-03	-3.977470e-03	3.301882e-03
## SPAC12G12.06c	3.879532e-03	2.551544e-03	2.767141e-03	-1.471512e-03
## SPNCRNA.639	-1.108390e-05	2.720185e-05	2.211544e-05	2.002194e-04
## SPAC12G12.03	-6.010402e-03	1.014639e-02	8.981812e-04	-4.496271e-03
## SPAC630.05	6.183256e-05	5.464118e-03	-2.057585e-03	3.950939e-03
## SPAC630.15	-9.368368e-04	-8.258571e-05	-3.221784e-04	-1.211592e-03
## SPATRNPAPRO.01	6.145599e-03	-4.532231e-04	2.475100e-04	2.156108e-03
## SPAC630.11	-2.153415e-03	3.141626e-03	4.992324e-03	2.317095e-03
## SPAC630.12	2.506118e-03	2.820254e-03	-7.457269e-04	-3.767833e-03
## SPAC630.13c	5.658276e-04	3.108451e-03	-1.303665e-03	-2.847822e-05
## SPAC630.14c	-2.211536e-03	-8.476548e-03	-7.170797e-03	3.699613e-04
## SPAC1751.01c	2.147564e-03	1.369911e-03	-2.025630e-03	-1.119747e-03
## SPAC1751.04	4.107167e-04	2.240157e-03	1.707562e-03	8.605584e-04
## SPAC1751.02c	-3.143859e-06	2.434993e-03	3.994101e-03	-4.200094e-03
## SPAC31A2.02	2.355718e-03	2.293689e-03	2.319440e-03	-1.732336e-03
## SPNCRNA.643	1.585352e-04	5.136046e-04	-1.946027e-04	1.711907e-04
## SPAC31A2.03	1.106318e-03	-3.000822e-03	-3.594567e-03	4.932349e-03
## SPAC31A2.04c	5.558077e-03	3.693242e-04	-2.062113e-04	-5.419700e-04
## SPAC31A2.06	-1.636818e-03	1.081520e-02	-6.434424e-03	4.043758e-03
## SPAC31A2.07c	-6.120276e-03	1.349370e-02	-2.459909e-03	8.063503e-03
## SPAC31A2.09c	1.252147e-03	7.350987e-07	5.807683e-04	1.466092e-04
## SPAC31A2.11c	-4.446615e-04	-1.154146e-03	-9.268922e-05	3.199309e-05
## SPAC31A2.12	-5.687504e-03	1.238783e-03	-7.746045e-03	7.292120e-03
## SPAC31A2.13c	-1.290159e-04	-3.220630e-04	-3.582343e-03	7.601542e-04
## SPAC31A2.14	3.163851e-03	1.426205e-03	-5.901955e-03	4.673753e-04
## SPAC31A2.16	2.483854e-03	5.375847e-03	-2.648747e-03	-1.003453e-03
## SPAC13C5.01c	5.403971e-03	8.074193e-03	3.573648e-03	-7.354418e-03
## SPNCRNA.644	-1.462451e-04	-1.241785e-04	-1.515004e-04	4.994810e-04
## SPAC13C5.04	-9.805355e-03	4.501824e-03	5.884849e-03	2.868617e-03
## SPNCRNA.645	3.799443e-04	1.968663e-03	5.976424e-04	-9.923866e-04
## SPAC13C5.05c	3.811920e-03	2.827552e-03	6.637135e-04	-3.587610e-03
## SPAC13C5.06c	9.249163e-04	8.077011e-05	-1.707609e-03	-1.595262e-03
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNPAPRO.01	-7.022823e-03	-3.945923e-02	-8.299982e-02	1.160153e-01
## SPAC23E2.02	-5.528098e-04	8.300468e-03	-1.567212e-03	-2.378029e-03
## SPRRNA.11	-6.813706e-02	6.922234e-02	-6.410662e-03	-1.381539e-02
## SPAC24H6.12c	-6.951102e-03	-4.780295e-03	-5.776655e-03	1.342658e-03
## SPAC24H6.11c	1.103501e-04	1.755473e-03	-8.028355e-03	1.403875e-04
## SPNCRNA.652	-2.568297e-04	5.401948e-04	9.085733e-04	-4.282199e-05
## SPAC24H6.09	4.671592e-03	-2.441157e-03	-9.973662e-03	9.209741e-05

## SPAC24H6.07	-2.544864e-02	-2.260346e-02	-6.167912e-02	-3.910803e-02
## SPAC24H6.06	-2.449401e-03	1.825138e-03	-6.240776e-04	1.281695e-03
## SPAC24H6.04	-1.921457e-02	4.098447e-03	-7.340490e-03	-1.619456e-02
## SPNCRNA.653	9.467611e-05	1.682400e-04	-4.857813e-04	1.378982e-04
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	6.015941e-04	-1.301835e-04	1.119561e-03	4.507044e-03
## SPNCRNA.654	1.599721e-04	-2.286017e-04	-5.660980e-04	-2.090372e-04
## SPAC24H6.01c	4.272233e-04	2.170804e-05	1.451907e-03	-5.181816e-04
## SPAC227.19c	1.093073e-03	3.799695e-04	1.050638e-03	6.402770e-04
## SPNCRNA.655	-3.324543e-03	-1.729729e-03	2.686370e-03	-3.454022e-05
## SPAC227.05	3.223795e-03	-1.152001e-03	-1.474826e-04	1.389161e-04
## SPAC227.06	5.486774e-03	9.918923e-04	1.206546e-03	-3.045304e-03
## SPAC227.07c	2.474266e-03	-1.021564e-03	-1.333113e-02	-7.555169e-03
## SPNCRNA.657	1.571949e-03	1.276216e-03	5.144731e-04	-1.842317e-03
## SPAC227.08c	2.060469e-04	1.109626e-03	-5.474003e-04	2.396525e-03
## SPAC227.09	-1.343594e-04	2.301657e-03	-5.470352e-04	1.727935e-04
## SPAC227.10	-1.365288e-03	5.756372e-04	3.318910e-03	-7.427190e-04
## SPAC227.11c	1.071894e-04	2.691188e-03	-3.113284e-03	-2.119567e-03
## SPAC227.12	2.662318e-03	-2.879658e-03	-7.069756e-03	-1.092070e-04
## SPAC227.13c	3.449135e-04	-1.292664e-03	-4.928016e-04	1.204460e-02
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	1.019245e-03	5.684955e-04	2.452796e-03	-1.386804e-03
## SPAC2F7.04	-1.153738e-03	5.511667e-03	-2.932173e-03	-1.387639e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	6.829580e-05	-2.500833e-04	-8.374376e-04	-1.430247e-04
## SPNCRNA.661	-1.929807e-04	-1.231637e-04	-3.626383e-04	-2.579972e-04
## SPAC2F7.13c	-6.729326e-03	2.622441e-03	4.794128e-03	-5.102492e-03
## SPAC2F7.15	2.809264e-04	-1.941238e-03	1.357313e-03	4.657770e-03
## SPAC13A11.01c	-4.858437e-03	9.520497e-03	-3.783002e-03	2.301495e-03
## SPAC13A11.03	9.435198e-03	-8.100970e-03	-4.610179e-03	7.397078e-03
## SPAC13A11.04c	-1.207116e-04	1.339617e-03	5.897303e-03	-5.118267e-03
## SPAC13A11.05	1.872707e-03	3.898080e-03	-1.681967e-04	1.021723e-02
## SPAC3H8.02	-2.160772e-03	7.423429e-03	4.013419e-03	-4.214721e-03
## SPAC3H8.03	-2.220377e-04	5.309470e-04	-1.278791e-03	3.941635e-04
## SPNCRNA.663	-8.476086e-05	-9.675659e-04	-4.536705e-04	-9.188196e-04
## SPAC3H8.04	-2.015409e-03	7.276621e-03	7.902528e-03	-1.544356e-03
## SPNCRNA.156	-3.769501e-06	-2.197744e-04	-1.269219e-04	-2.367739e-04
## SPAC3H8.08c	-4.175610e-03	1.491175e-03	9.704090e-04	1.306811e-03
## SPNCRNA.667	2.430032e-04	3.611526e-04	-1.264584e-03	-3.560777e-04
## SPAC3H8.10	2.226067e-03	1.417132e-02	-1.776995e-03	4.100325e-03
## SPAC1F3.01	7.890909e-04	6.089332e-03	2.807936e-03	1.780686e-03
## SPAC1F3.02c	1.948505e-03	5.525033e-04	-8.544690e-03	1.025957e-03
## SPAC1F3.03	1.185113e-04	-1.388810e-03	-5.460427e-03	4.974362e-03
## SPAC1F3.04c	5.330613e-04	3.884141e-04	-3.974614e-03	5.489555e-03
## SPAC1F3.05	3.812169e-03	9.078037e-04	-2.843311e-03	-4.215435e-03
## SPAC1F3.06c	-7.283215e-03	-1.004214e-02	-1.019338e-02	-6.112271e-03
## SPAC1D4.01	1.436509e-03	-1.125001e-03	-2.066298e-03	-1.156843e-03
## SPAC1D4.02c	-4.899510e-03	6.114864e-04	-4.909301e-04	-1.254483e-03
## SPAC1D4.03c	-4.413033e-05	1.258117e-03	5.754435e-04	-8.500407e-04
## SPNCRNA.670	1.076428e-03	5.540043e-04	-2.679297e-04	-7.355928e-04
## SPAC1D4.05c	3.747872e-03	3.042103e-03	-1.174071e-03	-2.380542e-03

## SPAC1D4.07c	1.310913e-04	-9.720480e-04	-4.987532e-04	8.553434e-05
## SPAC1D4.10	-3.161376e-03	2.638563e-03	-4.515905e-04	4.783337e-05
## SPNCRNA.671	-1.032142e-04	-5.035524e-04	-6.955505e-04	2.083730e-03
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	-1.696421e-03	3.186816e-03	-8.057120e-03	-3.912318e-03
## SPAC1D4.14	-2.581009e-03	-3.734470e-04	5.242116e-04	4.566969e-04
## SPAC22F3.13	1.195992e-03	7.691545e-04	-6.303172e-03	-4.998201e-03
## SPNCRNA.675	-9.083310e-05	-9.934666e-04	5.059743e-06	4.364240e-05
## SPNCRNA.158	-2.352661e-04	1.288623e-04	-2.500542e-04	9.996752e-05
## SPAC22F3.11c	1.639447e-03	-1.196743e-03	-1.522781e-03	1.551026e-03
## SPAC22F3.10c	-3.746599e-03	8.833566e-04	-9.505911e-03	5.000849e-03
## SPAC22F3.08c	5.677332e-03	4.924748e-04	-3.405206e-03	3.525014e-03
## SPAC22F3.07c	4.149115e-03	-1.245767e-03	-3.623660e-05	-5.605455e-03
## SPAC22F3.05c	6.500899e-03	-8.849152e-03	-2.251459e-03	1.756644e-03
## SPNCRNA.676	2.821072e-04	-9.879006e-07	2.924364e-05	-3.488579e-04
## SPAC22F3.03c	-2.127958e-03	-1.120021e-03	1.536779e-03	-1.869739e-03
## SPAC1296.03c	-1.395221e-04	3.500040e-03	-3.393937e-04	8.199685e-04
## SPAC1296.04	1.237248e-03	1.857061e-03	2.092746e-04	-1.863716e-03
## SPAC1296.05c	2.723234e-04	-5.397188e-03	-1.305830e-03	1.057277e-03
## SPAPJ696.02	8.655433e-04	-8.561758e-03	-7.894546e-03	1.135569e-02
## SPAC22G7.01c	3.728078e-03	7.483354e-03	1.619547e-03	-1.638812e-02
## SPNCRNA.677	-1.038294e-03	1.123374e-03	1.421162e-03	1.288432e-04
## SPAC22G7.03	1.121182e-03	-1.546300e-03	7.630490e-04	8.587644e-04
## SPNCRNA.678	7.266874e-05	-2.001498e-04	1.345101e-04	2.633951e-05
## SPAC22G7.05	-2.558306e-04	4.602263e-03	-4.749615e-04	-1.365608e-04
## SPAC22G7.09c	-2.511923e-03	3.941581e-03	-5.187067e-03	3.578661e-03
## SPAC22G7.10	-2.047248e-04	3.000194e-03	-2.582884e-03	-1.197857e-03
## SPAC4G8.02c	3.595135e-03	-5.768672e-03	5.001610e-03	-9.895128e-03
## SPAC4G8.03c	3.708361e-04	-2.013435e-03	1.326389e-04	1.330704e-03
## SPAC4G8.06c	1.342049e-03	-1.580799e-03	-3.028274e-04	-3.102337e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	4.002718e-04	-3.099685e-04	-5.652583e-04	2.574262e-03
## SPAC4G8.11c	9.285195e-04	-1.809408e-03	6.631786e-04	2.783140e-04
## SPAC4G8.12c	1.947673e-03	4.167845e-04	9.859591e-04	-2.903218e-03
## SPAC4G8.13c	-1.916538e-03	5.180609e-03	-6.088122e-03	7.190169e-04
## SPAC16C9.05	-8.862618e-04	1.672129e-03	-6.127685e-04	-3.301803e-03
## SPAC2G11.02	-8.611444e-03	3.789074e-03	-7.578945e-03	-3.302629e-03
## SPAC2G11.03c	3.367913e-04	5.913494e-03	2.169192e-03	-1.812566e-03
## SPAC2G11.06	-5.862063e-04	2.226222e-03	-3.275102e-03	5.115436e-04
## SPNCRNA.688	3.443782e-04	-9.455925e-04	1.122050e-03	1.472302e-03
## SPAC2G11.07c	-2.974284e-02	1.018012e-02	5.258479e-03	-1.302721e-04
## SPAC2G11.09	6.332258e-03	2.638142e-03	-9.646592e-03	-1.265890e-03
## SPAC2G11.12	-6.046184e-03	-7.842990e-04	-3.135741e-04	-9.634653e-04
## SPNCRNA.691	-6.924493e-04	5.310895e-04	2.011230e-04	7.461357e-05
## SPNCRNA.692	-5.292373e-04	-2.682968e-04	-4.738997e-04	8.046819e-04
## SPAC521.02	4.276464e-03	-5.896526e-03	1.037629e-03	6.462039e-03
## SPAC521.03	2.566840e-02	3.352605e-02	-7.521941e-03	-2.002553e-02
## SPAC521.05	-3.100413e-02	-4.574458e-03	-1.710644e-02	-5.410359e-02
## SPAC23G3.01	1.474590e-02	-9.642160e-03	-1.252187e-02	5.269380e-03
## SPNCRNA.694	1.039583e-04	-8.691403e-05	-6.529205e-05	3.487553e-05
## SPAC23G3.04	-2.004535e-03	7.389200e-04	-3.413168e-04	-1.372025e-03
## SPAC23G3.06	-2.393684e-02	1.657716e-02	8.953054e-03	-3.181735e-03
## SPAC23G3.07c	7.199891e-05	2.268289e-03	4.560450e-04	1.407699e-03
## SPAC23G3.08c	-3.850846e-03	3.364422e-03	-3.413910e-03	1.138041e-03

## SPAC23G3.10c	3.521778e-03	-4.868920e-04	2.519596e-03	3.010520e-04
## SPAC22H12.01c	-1.242628e-03	-2.764553e-03	7.736539e-04	1.394864e-03
## SPAC22H12.02	-4.444382e-03	7.579761e-03	6.740065e-04	-1.607261e-03
## SPAC22H12.05c	1.653687e-03	-1.100606e-03	-6.250164e-03	2.328881e-03
## SPAC1687.01	8.744224e-04	-2.364441e-03	6.416396e-04	2.933932e-03
## SPAC1687.04	3.424115e-04	8.094898e-05	1.129261e-03	-3.349706e-03
## SPAC1687.05	-4.168504e-04	3.144324e-03	-5.724887e-03	-6.379397e-03
## SPAC1687.06c	3.298698e-03	-1.003509e-03	-7.436669e-03	4.971974e-03
## SPNCRNA.696	-5.445377e-04	1.174443e-04	1.149382e-04	1.096267e-03
## SPAC1687.11	5.557752e-04	2.301962e-02	-1.164173e-04	-9.035591e-03
## SPAC1687.12c	4.663115e-03	-3.795589e-03	-2.354507e-03	-3.665253e-03
## SPAC1687.14c	-7.184717e-04	4.530835e-04	1.844973e-03	1.038827e-03
## SPAC1687.16c	-1.658218e-03	5.053035e-05	-1.024421e-03	-8.366823e-04
## SPNCRNA.160	-1.281427e-04	-1.750989e-04	-1.098948e-04	-9.569534e-05
## SPATRNAALA.01	1.300608e-03	8.452831e-04	-1.146862e-03	2.730026e-03
## SPAC1687.17c	-2.954346e-03	-3.081347e-03	2.628651e-03	1.165625e-04
## SPAC1687.18c	-4.475964e-03	5.030858e-03	-1.268281e-03	5.795432e-04
## SPAC1687.19c	1.140154e-02	-5.588098e-04	-2.330708e-03	-2.261277e-03
## SPAC1687.20c	9.984700e-04	-1.199635e-03	-1.794007e-04	1.536353e-03
## SPAC222.03c	6.127467e-04	4.762937e-03	1.719590e-03	-9.232877e-03
## SPAC222.19	4.154052e-04	5.207484e-04	1.062181e-03	-1.845124e-03
## SPAC222.04c	1.226316e-03	-3.049702e-04	5.614076e-04	3.333832e-04
## SPAC222.06	-1.806476e-03	9.836905e-04	3.989193e-03	9.333651e-04
## SPAC222.07c	-1.793602e-03	3.080628e-03	-2.742575e-03	-1.786499e-03
## SPAC222.08c	-8.651139e-04	3.285206e-03	-3.537859e-03	3.570603e-03
## SPSNRNA.02	1.461674e-01	-1.296238e-01	-4.085340e-02	3.172031e-02
## SPAC222.17	-3.889813e-05	-6.148960e-04	-2.604736e-03	-2.433608e-04
## SPNCRNA.701	3.229181e-04	3.109195e-04	9.083393e-05	1.058530e-03
## SPAC222.15	-1.190386e-03	-2.819054e-05	4.138616e-04	-5.682521e-04
## SPAC222.18	6.321660e-04	1.338842e-03	-1.246806e-03	7.007865e-04
## SPAC222.16c	7.633100e-04	-1.328520e-03	-4.104598e-04	-8.132874e-04
## SPAC821.05	-1.249962e-02	1.569062e-02	6.841162e-04	4.262323e-03
## SPNCRNA.702	-2.176243e-05	-4.339272e-04	-2.371055e-04	1.218466e-03
## SPAC821.06	-4.537954e-03	-3.275332e-03	2.794361e-03	2.469640e-03
## SPNCRNA.703	1.442346e-03	-3.571953e-03	-2.794977e-04	3.879013e-03
## SPAC821.08c	-1.439176e-02	-1.131680e-02	-3.700317e-03	3.322763e-03
## SPAC821.09	1.789099e-02	-1.899641e-02	-2.559407e-02	-4.207839e-02
## SPAC821.10c	6.454732e-02	3.717133e-02	5.653251e-02	-6.890863e-02
## SPAC821.12	-3.379693e-03	-1.260182e-03	4.427482e-04	-3.304539e-03
## SPNCRNA.220	-4.532774e-06	-8.148921e-06	9.935816e-05	-1.434698e-04
## SPAC139.01c	4.374597e-03	5.052745e-03	-3.724736e-03	-3.241126e-03
## SPNCRNA.704	2.614059e-04	-7.843252e-04	-1.560903e-03	1.077670e-03
## SPAC139.02c	-4.160070e-03	1.157387e-02	-2.155533e-03	-4.039003e-03
## SPAC23C4.03	3.149172e-03	8.408448e-04	-2.508599e-03	1.583534e-02
## SPAC23C4.05c	-3.957184e-05	-1.338954e-02	-5.669395e-03	-1.806023e-04
## SPAC23C4.06c	-1.708630e-03	5.546865e-03	-3.070621e-03	-1.418575e-03
## SPAC23C4.09c	-4.606770e-03	-9.545818e-07	-5.892691e-04	8.569821e-04
## SPAC23C4.10	1.809864e-03	-2.178336e-03	-2.646033e-03	3.104829e-03
## SPAC23C4.11	-2.591007e-04	-3.872051e-03	4.390008e-03	-5.647051e-03
## SPAC23C4.13	-4.319151e-03	-7.150671e-04	1.756349e-03	-3.454850e-03
## SPAC23C4.14	3.667404e-06	3.203536e-04	-2.248144e-03	-1.111483e-03
## SPAC23C4.15	-3.578645e-03	-2.810490e-03	-6.038493e-04	-3.777372e-03
## SPAC23C4.17	1.595144e-03	-6.850616e-03	-3.548590e-03	8.071254e-03
## SPAC23C4.18c	-2.865207e-04	2.438235e-03	2.400911e-03	3.420178e-04

## SPAC1A6.01c	2.174232e-03	-2.373812e-03	-3.669538e-03	2.810049e-03
## SPAC1A6.02	5.212184e-03	2.360788e-03	1.244605e-03	-5.047705e-04
## SPAC1A6.03c	-8.769032e-04	1.230013e-02	-1.270295e-02	4.173066e-03
## SPAC1A6.04c	1.718463e-02	2.105160e-02	-5.033011e-02	-2.722616e-02
## SPNCRNA.710	-1.843038e-04	-3.983302e-04	-7.458069e-04	-4.589080e-04
## SPAC1A6.06c	5.242941e-05	3.600652e-04	-2.984588e-04	-5.026734e-04
## SPAC1A6.08c	-4.864081e-05	2.639993e-04	-5.449257e-04	3.996544e-04
## SPAC30D11.14c	-1.220851e-03	-4.466948e-04	-6.744915e-03	2.347295e-03
## SPATRNASER.01	-1.638616e-03	-8.306629e-03	-1.690849e-03	1.903209e-03
## SPATRNAMET.01	-2.062027e-04	-4.341055e-04	3.649695e-04	2.262324e-03
## SPNCRNA.711	4.679966e-05	1.149041e-04	-9.958366e-05	-1.732763e-04
## SPAC30D11.07	1.162878e-03	1.057632e-03	-1.064650e-03	9.138221e-04
## SPAC30D11.06c	1.131951e-03	2.284123e-03	-4.898085e-03	2.107013e-03
## SPAC30D11.05	-2.385517e-03	1.376046e-03	-5.274719e-03	-4.262168e-03
## SPAC30D11.02c	7.257480e-05	7.540188e-04	-3.073190e-04	1.941534e-04
## SPAC56F8.02	9.513856e-04	4.476437e-04	-7.897970e-03	-1.980468e-03
## SPAC56F8.04c	1.767425e-03	2.906159e-03	-5.879013e-03	-3.151004e-03
## SPAC56F8.06c	-3.489382e-05	-6.403681e-04	-3.211144e-03	3.750598e-04
## SPAC56F8.09	-9.565501e-04	3.041511e-03	-1.587619e-03	8.832316e-03
## SPNCRNA.716	1.217529e-03	4.701819e-04	-2.255637e-03	1.751452e-03
## SPAC56F8.12	-5.165061e-04	-1.793738e-04	-1.778553e-04	-1.285972e-04
## SPAC56F8.16	-6.587548e-03	-2.238215e-03	2.240485e-03	9.371156e-04
## SPAC22A12.02c	2.923558e-04	3.557558e-04	2.033799e-04	-4.336953e-04
## SPAC22A12.04c	-1.146595e-03	-2.109253e-02	-1.356011e-02	3.784205e-03
## SPNCRNA.717	-2.195281e-04	-3.259123e-04	3.681464e-04	-2.848295e-04
## SPAC22A12.07c	7.988382e-04	-2.134124e-03	-9.642870e-03	7.586891e-03
## SPAC22A12.08c	1.222213e-03	1.063602e-03	9.166717e-03	2.135602e-03
## SPAC22A12.10	-8.880569e-03	-1.050601e-02	-1.501702e-03	2.899666e-03
## SPAC22A12.09c	-2.242572e-03	2.904200e-04	-5.197700e-04	-4.096943e-03
## SPAC22A12.11	-2.120503e-03	-7.858000e-03	6.186982e-03	1.027349e-02
## SPAC22A12.12c	3.619756e-03	1.639730e-03	-2.281946e-03	1.407183e-06
## SPAC22A12.14c	3.369026e-03	-3.408922e-03	-4.496796e-03	-4.883666e-03
## SPNCRNA.719	-3.161408e-06	6.162405e-05	-1.646597e-04	4.992271e-04
## SPAC22A12.17c	-1.499884e-02	5.531604e-02	2.689777e-02	2.062137e-02
## SPNCRNA.168	2.145914e-05	-6.613356e-05	-6.013102e-05	4.212995e-05
## SPNCRNA.720	2.082689e-04	2.185368e-04	4.327247e-04	7.956688e-05
## SPNCRNA.721	1.144414e-03	-3.140447e-04	1.299996e-03	-3.874101e-04
## SPAC4C5.02c	2.329118e-03	3.451935e-03	2.677566e-03	-5.679482e-04
## SPAC4C5.03	1.211675e-03	3.854067e-03	-2.734608e-03	-1.818741e-03
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	1.545519e-02	1.138987e-03	-2.920925e-02	8.155645e-03
## SPNCRNA.724	-1.667960e-03	3.561415e-04	-1.010799e-03	2.095988e-03
## SPAC10F6.02c	3.042206e-03	4.087924e-03	-3.801955e-03	-2.180624e-03
## SPAC10F6.05c	-6.767545e-03	-7.484739e-04	3.711989e-03	1.721490e-03
## SPNCRNA.725	1.090865e-04	2.137481e-04	-2.809601e-03	6.707346e-04
## SPAC10F6.10	1.295741e-03	-5.374139e-03	-3.185023e-03	9.217153e-04
## SPNCRNA.726	-4.809971e-05	-3.605087e-04	-2.975081e-04	-9.391412e-04
## SPAC10F6.15	-2.779315e-04	-4.899802e-04	-1.191334e-03	-9.011819e-04
## SPNCRNA.432	1.119101e-04	1.283715e-05	3.644964e-04	2.962182e-04
## SPAC10F6.17c	-5.070588e-03	4.324846e-03	8.974054e-04	-3.654211e-03
## SPAC56E4.03	4.290150e-04	4.638043e-03	4.074692e-03	-1.057215e-02
## SPAC56E4.07	-1.555077e-03	-3.305044e-04	-1.041944e-02	-7.891371e-04
## SPNCRNA.730	-1.375116e-04	-4.883692e-04	-5.591055e-04	-1.649511e-04

## SPAC1420.02c	4.439058e-03	6.698605e-03	6.490616e-03	-7.153025e-03
## SPAC1420.03	-1.303159e-03	1.857925e-03	5.316714e-03	5.081752e-03
## SPAC1420.04c	-7.715640e-04	1.352386e-03	-1.493500e-04	-7.211122e-04
## SPNCRNA.731	-9.356790e-05	1.864621e-04	2.335043e-04	2.820216e-04
## SPAPB17E12.02	-6.984813e-04	1.411272e-03	-3.215197e-05	-9.018793e-04
## SPAPB17E12.03	-2.049643e-03	-1.606725e-03	-3.801201e-05	3.083166e-03
## SPAPB17E12.05	1.741255e-02	-1.214877e-02	1.064362e-02	1.212291e-02
## SPAPB17E12.11	-3.268232e-03	2.178680e-03	1.363256e-03	6.023208e-03
## SPNCRNA.732	-2.217286e-04	-1.056945e-03	-1.719174e-04	4.082452e-04
## SPNCRNA.733	2.002872e-03	6.142712e-04	-5.602773e-04	1.972676e-03
## SPAC1565.03	-4.634278e-04	1.369205e-03	2.305274e-04	-6.518604e-04
## SPAC1565.05	2.090547e-04	6.634410e-03	-1.675653e-02	2.635317e-03
## SPAC1565.06c	-3.316536e-03	1.407181e-03	3.617902e-03	2.383615e-03
## SPAC1565.07c	-2.848939e-04	9.662470e-04	-2.014038e-03	-2.228696e-03
## SPATRNAPRO.02	7.339304e-02	-1.576200e-01	7.111185e-02	-1.194599e-01
## SPSNORNA.53	2.364645e-02	1.713484e-02	-2.769714e-02	-1.131220e-03
## SPAC6F12.06	-1.122995e-02	-4.428364e-03	1.072471e-03	9.661882e-04
## SPAC6F12.07	1.037577e-03	4.884027e-04	8.794330e-05	7.235360e-03
## SPAC6F12.08c	4.817853e-04	1.525907e-03	-6.803714e-04	-1.300603e-03
## SPAC6F12.09	-4.273595e-04	1.831357e-03	-2.958972e-03	4.651532e-04
## SPAC6F12.12	-1.499424e-03	5.159915e-03	-5.189638e-03	1.509897e-03
## SPAC6F12.13c	2.700012e-03	2.088864e-03	3.621224e-03	2.707018e-03
## SPAC6F12.15c	-3.774816e-03	-1.176738e-03	-1.630235e-03	-3.870764e-03
## SPAC19E9.01c	9.663294e-04	1.867727e-03	2.125326e-03	-4.615149e-03
## SPAC19E9.02	-3.558733e-03	7.616790e-04	-3.220098e-03	8.495711e-04
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	-8.309349e-04	-3.394404e-04	5.655608e-05	-1.682460e-04
## SPAC19E9.03	6.131074e-04	-1.689289e-03	-6.712146e-03	2.819325e-03
## SPAC57A10.03	-1.255821e-03	3.452836e-04	-1.208774e-03	-2.475475e-03
## SPAC57A10.05c	-9.375320e-04	1.615973e-03	-4.780168e-03	-3.682644e-03
## SPAC57A10.06	-1.288281e-04	-3.926715e-04	-1.771462e-04	1.503846e-04
## SPAC57A10.07	4.141150e-05	5.597456e-04	-2.640094e-03	3.088600e-03
## SPAC57A10.08c	2.576183e-04	1.726130e-03	1.128147e-03	5.075052e-04
## SPAC57A10.09c	5.907802e-03	-1.641088e-04	3.312985e-03	-3.985817e-04
## SPAC57A10.12c	-1.051543e-02	-1.153514e-02	2.090568e-02	1.891347e-02
## SPAC20G8.04c	-4.172205e-03	-4.970482e-03	-1.843816e-03	1.054527e-02
## SPAC20G8.05c	-1.736491e-02	8.808818e-03	1.183674e-02	-8.145997e-03
## SPAC20G8.06	6.140596e-03	7.244298e-03	-2.371708e-02	-5.909472e-03
## SPAC20G8.08c	-3.631795e-03	1.769310e-03	-5.561465e-03	8.855659e-04
## SPAC20G8.09c	5.099407e-03	-5.096826e-03	-6.320994e-03	-1.566269e-02
## SPAC20G8.10c	2.509523e-04	-4.230668e-04	-1.596637e-04	1.144460e-04
## SPAC3A12.04c	1.413781e-03	-7.635539e-04	-4.833554e-04	-1.133053e-03
## SPAC3A12.19	-1.839613e-03	7.161502e-04	-6.330739e-04	-1.741738e-03
## SPAC3A12.07	5.624435e-03	3.412708e-03	8.154247e-03	1.214309e-03
## SPNCRNA.741	-2.550657e-04	-4.317880e-04	4.692617e-04	4.109460e-04
## SPAC3A12.11c	1.744018e-03	-5.957211e-04	2.362002e-03	-7.416435e-04
## SPAC3A12.14	5.238891e-03	2.612134e-03	3.913802e-03	-7.207719e-03
## SPAC3A12.15	-2.565872e-03	-5.207914e-03	-5.883900e-04	3.019461e-03
## SPSNORNA.48	2.169520e-05	2.393368e-05	-1.117774e-05	5.636307e-05
## SPAC3A12.18	-2.063728e-03	9.255426e-03	-2.135809e-06	7.428214e-03
## SPAC9.03c	8.494000e-04	1.401424e-02	-1.595255e-02	1.414867e-03
## SPAC9.05	1.310285e-03	1.231175e-04	-2.278746e-03	-1.357776e-03
## SPAC9.06c	-1.408556e-03	8.773545e-04	-4.277730e-04	-2.921735e-04
## SPAC9.08c	-2.654415e-03	-2.201475e-03	-2.098349e-03	-2.079846e-03

## SPAC9.09	2.425214e-02	-4.944071e-02	-1.943578e-02	4.196911e-03
## SPNCRNA.743	-8.167661e-04	3.454799e-04	1.322961e-03	7.870045e-05
## SPAC9.10	-3.733942e-03	-1.397367e-03	-2.538138e-03	3.124148e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	5.747992e-03	-3.485354e-03	-3.823154e-03	1.399963e-03
## SPAC5D6.10c	5.660435e-05	-1.840631e-04	-9.332994e-05	9.087662e-05
## SPAC5D6.09c	-1.898627e-03	3.071896e-04	-2.077797e-03	-5.572532e-04
## SPAC5D6.07c	2.353615e-04	-1.068615e-03	-1.475341e-04	1.567396e-03
## SPAC5D6.04	3.056693e-03	-1.281929e-03	-6.173096e-03	1.157502e-03
## SPAC5D6.02c	3.856088e-04	-1.576071e-03	-1.246170e-03	4.881386e-04
## SPAC57A7.10c	1.373586e-02	5.258682e-04	-1.727326e-02	7.368375e-04
## SPNCRNA.174	-6.815601e-05	1.596318e-05	1.039073e-04	-5.010254e-07
## SPAC57A7.08	3.286443e-03	-1.009270e-02	-5.401756e-03	-3.024504e-04
## SPAC57A7.06	-5.576958e-03	7.973022e-03	7.144704e-03	2.477364e-03
## SPAC57A7.04c	3.123551e-03	-2.078023e-02	1.798147e-02	-1.699451e-02
## SPAC167.07c	3.099894e-03	-3.179100e-04	-4.641487e-03	-1.623554e-04
## SPAC167.05	1.383380e-03	1.435845e-03	5.198302e-04	-1.165383e-03
## SPAC167.04	1.492604e-03	1.316268e-03	1.128701e-03	-2.495299e-04
## SPAC167.09	1.388677e-03	-1.464848e-03	-1.281028e-03	2.592199e-03
## SPAC167.08	1.084190e-04	-1.773303e-04	9.909440e-05	-3.250538e-04
## SPAC1705.03c	-2.295255e-02	1.705714e-02	-2.773245e-02	-2.274678e-02
## SPNCRNA.80	7.378376e-06	1.260449e-04	-4.064962e-05	-6.994788e-05
## SPNCRNA.745	-6.494446e-04	-1.391402e-04	-6.099660e-04	-1.066258e-04
## SPNCRNA.81	-1.371764e-05	-5.297795e-06	-2.950287e-05	-4.098980e-05
## SPAC23H4.17c	2.107382e-03	-3.805911e-04	2.553467e-03	-1.131408e-03
## SPAC23H4.16c	1.097893e-03	7.758518e-04	-1.469338e-03	-1.986293e-03
## SPAC23H4.15	2.295150e-03	6.675579e-03	-5.570614e-04	-6.147283e-03
## SPAC23H4.21	5.706345e-04	2.196920e-04	-1.097827e-03	-1.504917e-05
## SPAC23H4.13c	-6.190755e-04	9.203296e-04	4.285643e-04	-2.395390e-03
## SPAC23H4.12	7.432142e-04	4.312050e-04	4.003850e-04	-1.742839e-03
## SPAC23H4.08	-1.218672e-03	6.404893e-03	3.313810e-03	-2.070456e-03
## SPAC23H4.07c	1.833504e-04	1.583592e-03	-2.226424e-03	7.755727e-04
## SPAC23H4.05c	-5.394871e-04	-1.204466e-03	-1.654291e-04	-1.522163e-04
## SPNCRNA.746	-1.263691e-04	2.954488e-04	3.723929e-04	-8.131036e-04
## SPAC23H4.04	9.157606e-04	7.628394e-04	-5.796725e-03	8.266880e-03
## SPATRNATHR.01	1.806487e-02	-2.261959e-02	-2.808311e-02	-2.596449e-02
## SPNCRNA.747	9.084317e-04	1.253520e-04	-2.424599e-04	5.163020e-05
## SPAP27G11.03	4.943052e-04	2.952830e-03	-2.911800e-03	-4.264735e-03
## SPAP27G11.05c	-1.213501e-03	9.886662e-05	-2.921633e-03	6.629509e-03
## SPNCRNA.749	-8.611223e-05	6.160553e-05	1.015554e-04	4.415568e-04
## SPAP27G11.09c	9.165292e-03	-2.282649e-03	5.066981e-04	5.356062e-03
## SPAP27G11.14c	9.517169e-04	-1.074836e-03	-2.810834e-03	1.372670e-03
## SPAP27G11.15	3.366614e-04	-7.924312e-04	-2.205523e-03	-9.559449e-04
## SPAC343.01c	-3.708097e-04	-6.183031e-03	-9.398112e-04	1.892261e-03
## SPAC343.03	-4.648862e-04	-3.636346e-04	2.004960e-04	-2.215308e-03
## SPAC343.04c	-1.823890e-03	-1.856313e-03	-4.244747e-04	-8.941092e-04
## SPAC343.05	-7.630745e-03	2.428307e-02	-6.502753e-03	-1.192144e-02
## SPAC343.08c	-8.043125e-03	-4.898650e-03	-1.570696e-03	-7.489760e-04
## SPAC343.07	-1.818328e-04	2.030189e-04	-4.136558e-04	5.181307e-05
## SPNCRNA.752	-5.689113e-04	6.942916e-04	-5.349967e-04	-1.187311e-03
## SPAC343.10	1.714000e-03	4.841378e-04	-8.511371e-03	5.791508e-03
## SPAC343.11c	5.933970e-04	-2.779630e-04	-6.511694e-03	4.279267e-04
## SPAC343.20	2.017274e-03	-3.372558e-03	-3.327897e-03	-7.379540e-03
## SPAC343.17c	-1.373619e-03	-6.997784e-03	-2.133890e-03	3.647946e-04

## SPAC343.15	8.034690e-04	-2.490415e-03	-1.033344e-03	-1.431650e-03
## SPNCRNA.754	1.081913e-05	5.345458e-06	-9.515126e-06	-9.852768e-06
## SPAC824.04	-8.623331e-04	7.815943e-04	-8.076232e-04	-1.592611e-03
## SPAC824.05	-7.777001e-04	6.861804e-03	-7.620015e-05	5.277285e-04
## SPAC824.07	8.554845e-04	3.509470e-03	4.143857e-03	-3.987280e-03
## SPAC824.08	4.019187e-03	4.816221e-03	-5.369076e-04	-7.317513e-03
## SPATRNALYS.01	-3.547723e-03	9.047480e-03	2.275407e-03	-3.231746e-03
## SPAC664.03	3.078897e-03	3.587391e-03	-6.763126e-03	-8.817918e-04
## SPAC664.04c	-3.172723e-02	-1.637762e-02	5.180069e-03	-3.889105e-03
## SPAC664.07c	5.782195e-04	8.829122e-05	3.325920e-03	-1.099231e-03
## SPAC664.08c	7.778907e-03	5.834032e-03	-4.242920e-04	9.116341e-03
## SPAC664.09	-3.483384e-03	7.169773e-03	1.635529e-03	-3.678903e-03
## SPAC664.10	2.995935e-04	2.040348e-03	7.687656e-04	-5.125747e-03
## SPAC664.11	1.252855e-02	-2.220997e-02	-6.139959e-03	-1.908834e-02
## SPAC664.12c	-7.720498e-04	-1.107143e-03	-2.444466e-03	1.265284e-03
## SPAC664.14	-4.931382e-03	7.870108e-03	-2.969601e-03	-2.427672e-03
## SPNCRNA.758	1.566132e-04	-2.163036e-05	-5.276379e-04	-2.274907e-04
## SPACUNK12.02c	-1.573390e-03	1.471373e-03	3.102863e-04	-5.456478e-05
## SPAC105.01c	-1.884221e-03	2.235480e-03	-3.604452e-04	-8.141542e-04
## SPAC17A5.18c	8.210328e-04	-5.867181e-04	-1.094944e-04	3.932816e-04
## SPAC17A5.02c	-3.876610e-03	-4.333737e-03	5.220596e-03	3.567035e-04
## SPAC17A5.03	1.203998e-02	-9.179826e-03	-1.342049e-02	1.899460e-02
## SPAC17A5.04c	-1.954854e-03	3.086393e-03	-2.728628e-03	-2.295346e-03
## SPAC17A5.19	8.855100e-04	3.498310e-04	-3.889460e-04	2.273767e-03
## SPAC17A5.06	-4.259050e-03	-7.111381e-04	-6.353205e-03	-8.945256e-04
## SPAC17A5.08	-5.321282e-03	2.661592e-03	3.982841e-03	-2.112073e-03
## SPAC17A5.10	4.063334e-04	1.490482e-04	1.213680e-03	1.345692e-03
## SPAC17A5.11	-6.547884e-04	1.445155e-03	6.510612e-04	-5.804215e-04
## SPAC17A5.12	-3.381675e-03	-1.328445e-04	3.694963e-03	-1.278746e-04
## SPAC17A5.14	-1.560749e-03	-3.814026e-03	4.339886e-03	-7.929549e-03
## SPAC17A5.16	2.689062e-04	5.503244e-03	-1.366318e-03	-1.761652e-03
## SPAC1610.01	-4.453490e-05	3.082430e-03	-3.935658e-04	2.303446e-03
## SPAC1610.02c	1.842070e-03	4.411201e-06	-2.850896e-03	-1.301934e-04
## SPAC1610.03c	6.562725e-05	-3.521408e-04	-5.198622e-05	-1.188515e-04
## SPAC1610.04	8.138650e-04	-2.906376e-03	1.906123e-03	5.236320e-05
## SPAC1002.02	6.663251e-04	2.180985e-03	-1.744329e-03	-9.715356e-04
## SPAC1002.03c	-2.733264e-03	8.198333e-03	-2.207341e-03	4.556928e-03
## SPAC1002.04c	-3.872610e-03	-1.175905e-03	-9.399403e-04	9.529568e-04
## SPAC1002.05c	1.039793e-03	1.161908e-03	1.526391e-03	3.691000e-04
## SPAC1002.09c	-8.775950e-03	6.664825e-04	-2.855119e-03	-1.854438e-02
## SPAC1002.12c	-1.395077e-03	7.431889e-04	5.170466e-03	-4.923586e-03
## SPAC1002.20	-3.858869e-04	-5.462978e-04	-3.460951e-04	4.362497e-04
## SPAC1002.19	3.002889e-02	3.218896e-02	-2.557292e-02	-2.713967e-02
## SPAC1399.04c	7.904429e-04	3.263714e-05	-3.898029e-03	-2.587123e-03
## SPAC1399.03	4.186456e-03	1.419245e-03	2.504527e-03	-3.480586e-03
## SPAC1399.01c	3.811215e-04	-1.408126e-03	-2.793483e-03	1.034378e-04
## SPAP11E10.02c	-8.882109e-04	-5.977739e-04	-2.088952e-03	1.807262e-03
## SPAPB1A10.02	8.233713e-04	2.229243e-04	-1.782793e-03	-1.293431e-03
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	3.231551e-03	3.214335e-03	-1.013276e-02	3.957887e-03
## SPAPB1A10.07c	-2.839799e-03	9.245942e-05	-4.456223e-03	-3.844323e-03
## SPNCRNA.767	-6.768385e-04	2.264092e-03	6.503537e-04	3.061327e-05
## SPNCRNA.768	-1.136637e-03	-3.655410e-05	4.160540e-04	3.138137e-04
## SPAPB1A10.08	-1.918413e-04	-7.510359e-04	-1.706369e-05	-1.178647e-03

## SPAPB1A10.10c	2.660428e-03	4.226910e-03	1.753519e-04	1.221861e-03
## SPAPB1A10.11c	2.852514e-03	-1.487829e-03	2.245735e-03	-1.380477e-03
## SPAPB1A10.12c	-1.250810e-03	1.152765e-03	-2.536494e-03	-1.169645e-03
## SPNCRNA.769	1.746337e-03	1.327583e-03	-5.013926e-04	1.060229e-04
## SPNCRNA.770	4.254799e-05	-7.342710e-04	-6.897847e-05	5.073483e-04
## SPAC140.02	-4.411366e-02	-3.388784e-02	3.753635e-03	3.419846e-02
## SPNCRNA.771	-2.281326e-03	-3.258744e-04	1.546920e-03	1.559414e-03
## SPAC140.04	-2.387850e-04	1.924521e-03	-5.312046e-04	9.838829e-04
## SPAC110.02	3.357290e-03	-1.281120e-03	-1.963704e-03	-7.456276e-04
## SPNCRNA.773	3.476557e-04	1.642949e-04	1.952321e-04	-1.682556e-04
## SPAC110.04c	9.512550e-03	3.539003e-02	1.049057e-02	-1.760420e-02
## SPAP14E8.02	-1.551250e-03	1.286410e-02	1.015510e-03	-1.007328e-02
## SPAP14E8.03	-3.906409e-03	-6.687749e-03	1.660859e-03	2.038428e-03
## SPAP14E8.04	2.440598e-03	2.062587e-03	-1.719506e-03	-7.993740e-04
## SPAP14E8.05c	2.695546e-05	-7.513373e-04	-3.447570e-03	9.579727e-04
## SPAC3H1.03	-5.543148e-05	-1.178618e-04	-1.317216e-03	7.071442e-04
## SPNCRNA.775	7.434552e-05	-5.247017e-05	-4.596738e-04	1.554929e-04
## SPAC3H1.08c	2.309843e-04	2.146793e-03	-1.187553e-04	2.978222e-03
## SPNCRNA.776	-4.121531e-04	-1.251664e-03	-2.976401e-04	-5.222522e-04
## SPAC3H1.10	-2.652748e-03	-3.956440e-03	-3.271951e-03	1.597508e-03
## SPNCRNA.778	8.346546e-04	-1.729867e-03	-1.128600e-04	7.729457e-05
## SPNCRNA.779	1.853281e-05	-9.965729e-04	-1.382865e-03	2.300012e-04
## SPNCRNA.780	-4.607316e-05	1.613772e-03	1.420632e-03	-9.933630e-04
## SPNCRNA.782	2.243358e-04	-1.964786e-04	1.735056e-04	-1.454138e-03
## SPAC3H1.11	-6.813643e-03	-1.385974e-02	-2.443260e-03	-2.252394e-03
## SPAC3H1.14	-1.812445e-04	9.045942e-04	-2.115848e-03	-2.703741e-03
## SPAC9G1.05	8.639628e-03	1.622803e-03	-1.148445e-02	1.900891e-03
## SPAC9G1.06c	-8.230292e-04	-3.955906e-03	-4.736013e-03	1.830481e-03
## SPAC9G1.07	1.051814e-03	-1.806317e-03	-1.283365e-03	5.833895e-04
## SPAC9G1.11c	-1.906098e-03	-2.889394e-03	2.257208e-03	3.923861e-03
## SPAC9G1.12	-3.132589e-03	2.287605e-03	-6.757405e-03	2.549265e-03
## SPAC767.01c	-5.900627e-03	-4.553719e-03	1.434373e-02	4.741345e-03
## SPNCRNA.786	1.936090e-04	-1.297350e-03	6.557867e-04	1.541521e-03
## SPAC17H9.01	-7.403659e-03	3.842857e-03	-1.277413e-03	3.347066e-03
## SPAC17H9.05	4.911199e-03	9.335390e-03	1.740453e-02	7.959087e-03
## SPAC17H9.06c	-1.392070e-03	3.567331e-04	-5.281073e-04	-2.176021e-04
## SPAC17H9.07	4.736534e-03	3.104565e-04	-4.198063e-03	-1.715632e-03
## SPAC17H9.08	-2.754096e-03	3.819578e-04	-6.818442e-03	3.000807e-03
## SPAC17H9.11	-1.300452e-03	1.556465e-03	4.000251e-03	4.962566e-03
## SPNCRNA.788	-1.261131e-03	2.300401e-05	-2.351193e-04	6.969259e-05
## SPAC17H9.18c	3.115923e-05	2.639996e-04	1.202468e-04	-9.776537e-05
## SPAC17H9.19c	4.981883e-04	-2.027132e-03	-1.298898e-03	1.737816e-03
## SPAC607.02c	4.841244e-04	5.178231e-04	-4.508490e-04	1.330821e-03
## SPNCRNA.789	-1.076315e-03	-8.397248e-04	2.735317e-04	-9.902296e-04
## SPAC607.07c	1.708083e-04	6.558949e-03	3.803412e-03	3.070960e-03
## SPAC607.08c	5.094514e-03	-4.414785e-03	-1.914409e-03	3.634516e-03
## SPNCRNA.186	1.132183e-04	5.144051e-05	-3.157034e-05	1.492181e-04
## SPAC607.10	-3.985907e-03	3.878694e-03	-1.492706e-03	-3.676504e-03
## SPNCRNA.790	1.067528e-04	4.438908e-05	6.126412e-05	1.257634e-04
## SPAC3C7.01c	-6.942434e-04	-5.509037e-03	-3.487347e-03	3.766824e-03
## SPAC3C7.03c	-5.688336e-04	1.139085e-04	3.025478e-03	-7.957612e-05
## SPAC3C7.04	-1.881221e-03	2.475733e-03	-1.240877e-02	2.411110e-03
## SPAC3C7.05c	-6.049588e-03	6.893981e-03	1.338040e-02	7.393470e-04
## SPAC3C7.06c	7.556152e-04	3.155306e-03	-3.249003e-03	-1.529160e-03

## SPAC3C7.07c	-2.355650e-03	1.157703e-03	-3.719998e-03	-7.769645e-04
## SPAC3C7.10	4.122486e-03	-4.350213e-03	-1.099410e-03	1.030346e-03
## SPAC3C7.11c	1.823428e-02	-3.229514e-02	1.517637e-02	2.998307e-02
## SPAC3C7.12	-1.123624e-03	6.129026e-03	-1.587898e-03	-2.665502e-03
## SPAC3C7.13c	-3.054898e-03	-2.200983e-03	2.450481e-03	9.902372e-03
## SPNCRNA.792	5.862117e-05	2.108059e-03	1.857662e-04	-7.067048e-05
## SPAC3C7.14c	5.592403e-02	3.155595e-02	-4.274640e-03	4.597952e-02
## SPAC25A8.01c	-4.526738e-03	1.265711e-02	-5.797171e-03	7.358897e-03
## SPAC631.01c	1.983535e-03	8.408642e-04	-5.617309e-03	2.287370e-03
## SPAC20H4.01	-4.292026e-03	1.419418e-03	-1.042338e-02	5.381781e-04
## SPNCRNA.795	7.228453e-04	-1.020764e-04	-7.607562e-04	6.298324e-05
## SPAC20H4.05c	-2.291818e-03	3.108795e-03	-2.130002e-03	-1.069907e-03
## SPAC20H4.06c	-2.417528e-04	-8.519141e-04	2.190055e-03	7.054233e-04
## SPAC20H4.07	4.479557e-04	2.709940e-03	-1.399656e-03	-1.541480e-03
## SPNCRNA.796	-9.840054e-04	3.430395e-04	9.830450e-04	5.525556e-04
## SPAC20H4.11c	-6.750142e-04	-1.459561e-03	-6.238570e-04	3.282100e-03
## SPAC23C11.02c	-1.013098e-02	-1.080526e-02	2.877503e-02	1.137778e-02
## SPAC23C11.06c	-4.518104e-03	7.889969e-04	3.136119e-03	8.538224e-03
## SPNCRNA.798	1.217685e-03	-1.606101e-03	6.500014e-04	-1.281658e-03
## SPAC23C11.07	1.487953e-04	-1.301160e-05	-3.063943e-04	4.200973e-05
## SPAC23C11.12	1.247077e-03	7.320171e-04	-2.201637e-03	-4.749152e-05
## SPAC23C11.13c	-7.945554e-04	7.232326e-03	1.326178e-03	-3.780857e-03
## SPNCRNA.187	-6.393062e-05	-8.752471e-05	2.277342e-04	2.704322e-05
## SPAC23C11.16	-1.118282e-03	1.774614e-03	3.179378e-03	-1.493587e-03
## SPAC13F5.03c	-9.387037e-04	1.914321e-03	-1.322139e-03	1.211106e-03
## SPAC13F5.04c	-5.095714e-04	1.516242e-03	-4.734157e-04	1.440078e-04
## SPAC13F5.05	-5.129756e-04	8.370454e-04	-3.277395e-03	2.616135e-03
## SPAC1783.01	-2.925258e-03	6.010717e-03	3.488025e-03	3.537956e-03
## SPAC1783.03	-3.990253e-04	-1.041611e-03	-1.633909e-03	4.501870e-04
## SPAC1783.05	7.294775e-03	-3.628165e-03	-2.792930e-03	6.374559e-04
## SPAC18G6.03	-1.563101e-03	1.021704e-02	-5.545501e-03	-1.045422e-02
## SPNCRNA.805	9.690993e-05	-2.458990e-07	-3.044497e-05	8.365666e-05
## SPNCRNA.188	3.080988e-04	1.655332e-04	-2.141201e-04	-5.699589e-05
## SPAC18G6.15	-1.466138e-03	-1.093384e-03	2.591274e-03	5.510054e-03
## SPAC13D6.01	-2.339708e-03	-7.179406e-04	5.409112e-04	2.342100e-03
## SPNCRNA.807	-2.176018e-03	1.513368e-03	2.159060e-03	-3.065589e-04
## SPAC13D6.03c	2.113370e-03	5.469624e-04	-2.943622e-03	-8.312237e-04
## SPAC4G9.04c	-2.487877e-03	1.115818e-03	1.130024e-03	-1.287973e-03
## SPAC4G9.03	1.698607e-02	6.931896e-03	5.448157e-03	3.678898e-03
## SPAC4G9.05	-1.555689e-04	-1.164739e-03	6.760537e-04	5.722686e-04
## SPAC4G9.06c	1.925807e-03	2.324714e-03	-9.565297e-04	-3.258041e-04
## SPNCRNA.808	9.947445e-05	-8.129210e-04	-1.225764e-04	2.239995e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	2.922786e-03	1.614823e-02	-9.762720e-03	-9.988701e-03
## SPAC4G9.10	-2.876249e-03	4.420203e-03	-2.101286e-03	-2.705482e-03
## SPAC4G9.11c	-2.576477e-03	5.906975e-03	4.044418e-03	-3.209150e-03
## SPAC4G9.12	3.736402e-03	4.774063e-04	1.826004e-03	-5.108734e-03
## SPAC4G9.14	3.384211e-04	-2.295248e-04	-2.454347e-03	2.448951e-03
## SPAC4G9.15	-2.343458e-03	2.542470e-03	1.694486e-02	-3.860101e-04
## SPNCRNA.809	-7.488289e-05	2.714391e-04	-4.448288e-04	-2.565095e-04
## SPAC4G9.19	1.092933e-04	-1.998083e-03	-9.921355e-04	1.914305e-03
## SPAC4G9.20c	8.701122e-05	4.398587e-03	-1.086917e-03	8.966634e-04
## SPNCRNA.810	-1.592718e-03	-1.918307e-03	2.305423e-04	6.046453e-04
## SPAC13G7.01c	7.096860e-03	-8.937927e-03	2.624219e-03	2.906509e-03

## SPAC13G7.02c	8.816867e-03	1.564916e-02	-3.424742e-02	-8.133672e-02
## SPAC13G7.03	-8.219215e-04	5.262557e-04	-4.907208e-05	5.622952e-05
## SPAC13G7.04c	-1.077317e-03	2.116968e-03	-1.301844e-03	-7.649611e-03
## SPAC13G7.05	-2.696219e-03	1.767394e-03	1.840427e-03	-2.622577e-03
## SPAC13G7.06	-4.401304e-03	-5.140083e-03	-1.105965e-02	5.342185e-03
## SPAC13G7.10	-4.665992e-04	-8.125627e-04	-1.346562e-03	2.037514e-03
## SPAC13G7.12c	-3.013169e-04	2.916000e-03	-5.750322e-03	4.058743e-03
## SPAC13G7.13c	-1.281411e-03	1.685392e-03	-1.463265e-03	1.801898e-03
## SPNCRNA.812	-8.972639e-05	4.991871e-04	-8.903046e-06	7.970761e-04
## SPNCRNA.813	1.685040e-04	-1.176931e-03	5.284916e-04	1.092213e-04
## SPAC6C3.03c	1.309803e-04	-9.493620e-05	-1.719486e-04	4.091598e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-2.025595e-04	-1.111857e-03	3.432201e-05	1.200001e-04
## SPNCRNA.815	6.331338e-04	-1.871888e-03	-1.290904e-03	7.057279e-04
## SPAC6C3.08	7.709547e-03	-4.572197e-04	4.284364e-04	-2.758146e-03
## SPAC6C3.09	3.668693e-03	-2.389011e-04	-3.670432e-04	2.626222e-03
## SPNCRNA.816	6.058402e-05	-1.614003e-03	1.297584e-04	1.053619e-03
## SPAC17G8.03c	1.213129e-03	1.262361e-04	-4.241217e-04	7.990011e-04
## SPAC17G8.15	-9.131935e-04	1.815605e-03	-7.249237e-04	5.832481e-04
## SPAC17G8.04c	9.384448e-04	5.647001e-03	2.538494e-03	-3.802877e-03
## SPAC17G8.06c	-2.084007e-02	2.767092e-02	-2.962114e-02	-3.720602e-02
## SPAC17G8.08c	5.459232e-03	-1.057000e-02	-1.092461e-02	-6.038947e-05
## SPAC17G8.11c	2.344011e-03	2.668196e-03	-3.947430e-03	2.282239e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	-6.139205e-04	7.063056e-03	-2.775646e-03	-1.499465e-03
## SPAC17G8.14c	5.644773e-04	3.242585e-03	1.602015e-03	-1.308012e-03
## SPNCRNA.818	-8.239199e-05	1.039328e-04	-7.384992e-05	-8.601527e-05
## SPAC22H10.02	1.182705e-03	-5.070926e-04	-3.850809e-03	-2.960812e-03
## SPNCRNA.820	2.799174e-04	2.157186e-05	4.170844e-04	-1.552843e-04
## SPAC22H10.04	-2.379490e-03	-1.387813e-03	-1.885758e-03	4.353814e-03
## SPAC22H10.05c	2.809713e-03	9.691294e-03	8.497290e-03	-5.666375e-03
## SPAC22H10.06c	2.094020e-05	-2.158325e-04	-5.827959e-06	1.249159e-04
## SPAC22H10.07	-1.888182e-03	2.598985e-04	-2.391431e-03	2.149378e-03
## SPAC22H10.08	3.835656e-03	4.848295e-03	-4.683794e-03	-2.067906e-03
## SPAC22H10.11c	-1.201125e-03	-5.606373e-03	1.412848e-03	9.534341e-03
## SPAC22H10.12c	1.052509e-02	3.104166e-03	-5.955898e-03	-3.763276e-03
## SPAC15F9.01c	-4.688207e-05	-4.671903e-04	-5.170006e-05	-1.214169e-04
## SPNCRNA.822	-1.411978e-04	-5.136105e-05	-8.664725e-05	-2.015843e-04
## SPNCRNA.193	-3.173791e-05	-8.070086e-05	1.059172e-05	2.919124e-06
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	-1.575894e-03	1.690545e-04	-6.010484e-03	1.654111e-03
## SPAC6B12.04c	4.887816e-03	-1.901822e-03	2.118927e-03	8.000070e-03
## SPNCRNA.824	4.560449e-04	-7.038841e-05	1.325457e-04	-2.610603e-04
## SPAC6B12.05c	-3.760058e-04	-5.422494e-03	-3.333540e-03	1.021631e-03
## SPAC6B12.06c	8.963625e-04	-2.539809e-04	1.403366e-04	5.356434e-04
## SPNCRNA.194	1.884048e-04	2.219522e-04	-1.067852e-04	6.397495e-05
## SPNCRNA.825	-9.753436e-05	1.157426e-03	3.792334e-04	-2.102762e-04
## SPAC6B12.19	1.761979e-04	6.366674e-04	-8.185246e-04	6.017753e-04
## SPAC6B12.09	-2.305204e-03	-3.359415e-03	2.049941e-03	1.635821e-03
## SPAC6B12.10c	2.744146e-03	2.158957e-03	2.799465e-03	3.211032e-04
## SPAC6B12.11	6.414877e-04	-2.270522e-03	6.299412e-04	-5.406885e-04

## SPNCRNA.43	-4.457214e-06	1.776031e-04	2.163501e-05	-1.269368e-04
## SPATRNATHR.02	-4.257401e-05	-3.944996e-03	-9.855452e-03	-3.396262e-03
## SPAC6B12.12	5.215557e-03	8.246316e-03	-1.253962e-02	6.920528e-04
## SPAC6B12.14c	-4.026447e-03	-4.490011e-04	5.952004e-04	6.943631e-04
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	-3.680411e-05	-3.278694e-05	6.311466e-06	2.043128e-04
## SPAC6B12.16	-2.780199e-04	5.404316e-04	1.928859e-04	-4.660669e-05
## SPNCRNA.827	4.693229e-04	-7.734563e-04	-9.364565e-04	1.337081e-04
## SPAC32A11.04c	7.976744e-04	1.923747e-02	7.777494e-03	-1.952266e-02
## SPAC32A11.01	-1.860947e-03	4.743577e-03	-7.331450e-04	-2.107479e-03
## SPAC32A11.03c	5.744757e-03	1.753770e-03	-5.594114e-03	2.377663e-03
## SPAC19A8.15	1.131278e-02	-1.707020e-02	1.528765e-03	-1.099812e-02
## SPAC19A8.14	9.181100e-04	-2.361028e-03	-1.121978e-03	1.157239e-03
## SPAC19A8.16	-3.812766e-03	-4.199889e-04	5.057969e-03	7.704062e-03
## SPAC19A8.06	3.066948e-04	3.018139e-04	-3.729249e-03	-1.127387e-03
## SPAC23H3.02c	3.455294e-03	-2.117277e-03	-3.132028e-04	4.155752e-04
## SPAC23H3.03c	-5.328485e-05	-3.360008e-03	4.962456e-04	-4.224870e-06
## SPNCRNA.558	-2.185275e-05	-2.235441e-05	4.061852e-05	-4.233692e-05
## SPNCRNA.830	-5.553898e-04	4.055983e-04	-9.980674e-06	1.331517e-04
## SPAC23H3.07c	-2.650084e-03	1.431090e-03	-6.238897e-03	3.332821e-03
## SPAC23H3.09c	-1.704067e-02	1.807309e-02	-7.418290e-04	-1.804026e-04
## SPATRNACYS.02	-2.951775e-03	1.084115e-02	6.217214e-04	6.089274e-03
## SPAC23H3.10	8.341257e-04	4.791448e-03	-8.421043e-04	1.440370e-04
## SPAC23H3.11c	1.573246e-03	-1.317247e-03	-5.759653e-04	9.361219e-04
## SPAC23H3.12c	9.109214e-04	6.572591e-04	-1.355705e-03	5.800575e-04
## SPAC23H3.14	-4.715126e-05	-1.732727e-03	-1.334038e-03	-2.740108e-03
## SPNCRNA.832	1.790594e-03	-4.941987e-04	-1.265542e-03	1.661317e-03
## SPAC25H1.02	9.594004e-04	1.296508e-03	1.035159e-03	4.716561e-04
## SPAC25H1.03	-1.699693e-04	-8.623399e-04	-4.053530e-03	-1.210874e-03
## SPAC25H1.10c	7.550689e-04	4.244867e-03	-2.133763e-04	-2.547229e-03
## SPAC25H1.09	-7.182173e-04	-7.958996e-04	4.140900e-04	9.548118e-04
## SPAC4A8.02c	-3.802964e-03	-2.206898e-03	-1.454344e-03	2.611995e-03
## SPAC4A8.03c	-2.217019e-03	2.738636e-03	-1.521782e-03	-4.336142e-03
## SPNCRNA.834	2.349216e-04	-2.171286e-04	2.658766e-04	9.148613e-04
## SPNCRNA.835	8.063953e-05	-1.098230e-05	-1.861892e-04	-7.687239e-05
## SPAC4A8.06c	7.300389e-03	5.777590e-03	2.215488e-03	1.006609e-02
## SPAC4A8.09c	-7.718279e-03	5.124526e-04	-2.864714e-03	1.653651e-03
## SPAC4A8.11c	6.285156e-02	-5.973563e-02	-9.434026e-03	-1.519782e-02
## SPAC4A8.13c	6.665199e-03	2.905286e-03	-1.875882e-02	2.277517e-03
## SPAC4A8.15c	-4.623423e-03	-2.671794e-03	-5.068114e-03	1.244630e-03
## SPAC4A8.16c	3.835427e-02	-5.053419e-03	5.956968e-02	-9.019205e-03
## SPNCRNA.840	3.059910e-04	-3.850789e-04	1.617309e-04	-6.889380e-04
## SPAC823.02	-4.418048e-04	-5.436187e-03	2.919431e-03	-4.161957e-03
## SPAC823.04	2.058379e-04	-3.277954e-03	7.879061e-04	2.307292e-04
## SPAC823.05c	-3.773667e-03	-3.446674e-03	4.643505e-03	5.122202e-03
## SPAC823.06	-1.295872e-03	-5.827951e-04	-1.314310e-03	9.153717e-04
## SPAC823.08c	-1.051610e-03	3.905436e-03	-5.450240e-03	4.025428e-03
## SPAC823.09c	3.540229e-03	-4.319521e-03	-2.056406e-03	7.342535e-04
## SPAC823.10c	3.855883e-04	1.262081e-05	-2.421646e-03	1.255345e-03
## SPAC823.15	1.030241e-04	3.018342e-04	-3.836527e-03	-6.141178e-04
## SPAC7D4.13c	-6.084369e-05	6.437706e-05	-3.786796e-03	-1.430357e-03
## SPAC7D4.12c	3.134801e-03	-8.998712e-04	-3.174748e-03	-2.172802e-03
## SPAC7D4.10	2.076527e-04	7.688873e-04	-2.129861e-03	-3.984398e-03
## SPNCRNA.842	2.208368e-04	-1.872960e-04	-9.507813e-05	-1.095886e-04

## SPAC7D4.15c	-8.976847e-05	1.385169e-03	6.565979e-04	-6.991643e-04
## SPAC7D4.07c	4.061031e-03	1.210544e-02	1.030249e-02	-2.365704e-04
## SPSNORNA.12	4.798744e-02	1.015271e-02	-1.021138e-02	2.836448e-02
## SPAC7D4.05	1.408686e-05	5.012267e-03	1.401369e-03	1.564415e-03
## SPAC7D4.02c	-3.847381e-03	1.093322e-03	3.072828e-03	3.610180e-04
## SPAC4F8.13c	-8.326357e-03	6.203781e-03	-8.469757e-03	9.226812e-04
## SPAC4F8.11	-8.001748e-04	3.786230e-03	-2.452666e-03	3.705361e-04
## SPAC4F8.08	4.126714e-04	-5.046290e-04	6.173157e-05	-5.062390e-04
## SPNCRNA.201	6.582688e-05	-2.714920e-04	3.448858e-05	9.880523e-06
## SPAC4F8.06	-3.547807e-03	-1.048288e-03	-1.363663e-03	-3.143632e-03
## SPAC4F8.05c	2.249336e-03	4.160715e-03	2.432322e-04	9.163167e-04
## SPAC4F8.04	-1.003889e-02	-1.911396e-03	-2.263246e-03	2.771594e-03
## SPAC644.06c	-2.124975e-03	-2.914871e-03	-9.748429e-04	2.354955e-03
## SPNCRNA.844	-5.515891e-04	-1.874072e-03	-1.000932e-05	1.196049e-03
## SPATRNLALS.04	-9.131982e-04	-1.827622e-03	-1.548820e-03	2.362503e-03
## SPAC644.07	7.057196e-04	-4.738158e-03	-5.679324e-03	3.497651e-03
## SPAC644.09	2.687165e-03	3.115041e-03	-3.044767e-03	8.841596e-04
## SPAC644.10	4.561005e-04	5.714183e-04	-2.534330e-03	3.308649e-03
## SPAC644.12	1.101141e-03	-8.093641e-03	-2.492268e-03	-4.729827e-05
## SPAC644.13c	-1.036882e-04	-1.838098e-03	-4.850271e-03	-2.284547e-03
## SPAC644.17c	2.877325e-03	1.901906e-03	-5.187495e-03	-1.320347e-03
## SPNCRNA.198	-1.091500e-04	-2.917294e-05	1.549073e-05	-7.545210e-05
## SPAC644.18c	4.017036e-03	-1.771416e-03	-3.810738e-03	3.448189e-03
## SPAPB2B4.01c	-1.051566e-03	3.503148e-03	1.084559e-03	-1.397417e-03
## SPSNORNA.54	1.097353e-02	1.834718e-02	1.155018e-02	7.176964e-03
## SPNCRNA.846	-4.186108e-04	-1.134301e-03	4.043345e-05	3.220807e-04
## SPAPB2B4.05	4.646029e-03	2.772145e-03	-5.045005e-03	-8.858582e-04
## SPAPB2B4.06	-7.467962e-05	-4.165955e-04	-1.687923e-03	1.652210e-03
## SPAPB2B4.07	-2.948869e-03	-1.938020e-03	1.153303e-03	4.283770e-04
## SPAC6F6.01	-1.822843e-03	2.917412e-03	-1.615049e-02	-3.256975e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-9.143060e-05	7.072457e-05	1.914711e-06	3.793982e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	1.814068e-04	1.065998e-04	5.793319e-05	-1.565629e-04
## SPAC6F6.05	-3.818586e-03	-1.362166e-03	6.663125e-04	-2.400170e-05
## SPAC6F6.06c	-3.786641e-03	-1.025401e-03	-6.930544e-03	9.784639e-03
## SPAC6F6.07c	-6.320393e-03	-1.316657e-02	-1.386267e-02	1.499911e-02
## SPAC6F6.12	1.333420e-03	3.107293e-03	4.713281e-03	-5.173891e-03
## SPNCRNA.850	-1.689069e-04	-5.347831e-04	-7.793820e-04	3.136523e-04
## SPNCRNA.851	-5.713399e-04	3.597553e-04	1.151895e-04	-3.879235e-04
## SPAC6F6.19	6.476631e-05	-7.778650e-04	-1.146354e-03	-1.223504e-03
## SPAC6F6.15	-9.193029e-05	-3.575353e-03	2.261294e-03	-1.608599e-03
## SPAC6F6.16c	1.066020e-03	7.901465e-04	1.829163e-04	2.438425e-03
## SPAC1805.01c	-1.872063e-03	4.603631e-03	1.362856e-03	5.897921e-03
## SPAC1805.02c	-7.611918e-05	-9.050089e-03	4.041145e-03	1.005234e-03
## SPAC1805.06c	-1.044616e-03	-7.191633e-03	-6.620453e-03	-1.879605e-03
## SPNCRNA.853	7.350504e-04	-9.877458e-05	-6.072186e-04	1.501634e-04
## SPAC1805.07c	1.465814e-04	-2.988825e-03	-7.269442e-04	5.548998e-04
## SPNCRNA.854	-1.011833e-03	-1.378735e-03	-8.337237e-04	8.897426e-04
## SPAC1805.08	2.611632e-04	-2.829109e-03	9.729730e-04	3.843243e-03
## SPAC1805.18	2.088751e-03	2.310332e-03	1.067426e-04	1.752511e-03
## SPAC1805.09c	9.863899e-04	-1.125911e-03	-1.174253e-03	2.274391e-03
## SPAC1805.10	-2.559277e-03	2.170914e-03	1.003377e-03	-2.092260e-03
## SPAC1805.12c	-2.981275e-02	-2.479730e-02	2.155185e-02	-1.435184e-02

## SPAC1805.13	-1.119172e-02	1.816783e-02	1.715810e-03	1.466828e-02
## SPATRNALEU.02	1.951457e-02	-5.978586e-03	-1.913388e-03	1.201319e-03
## SPAC1B2.02c	-4.547143e-03	-3.791723e-03	6.716680e-04	-1.223690e-03
## SPAC1B2.03c	-1.902411e-02	2.313869e-03	6.205929e-04	-2.541437e-03
## SPAC1B2.04	5.731224e-03	-3.102143e-03	4.251278e-03	3.561422e-03
## SPAC1B2.05	1.721625e-03	-9.898414e-04	-1.678729e-03	-1.934116e-03
## SPAC3F10.03	-1.247160e-02	1.096934e-02	2.033020e-02	-7.351600e-03
## SPAC3F10.04	-2.871666e-03	-6.677563e-04	1.575553e-03	-4.291530e-03
## SPAC3F10.06c	-5.591311e-04	8.459144e-04	1.961242e-03	1.430048e-03
## SPNCRNA.855	-6.053060e-04	1.879797e-04	1.435646e-04	9.934225e-05
## SPAC3F10.09	-1.118825e-02	-5.729568e-04	2.608406e-03	-4.212115e-03
## SPAC3F10.11c	8.382545e-03	-3.887715e-03	2.165160e-04	-6.204714e-04
## SPATRNATHR.03	1.246150e-02	1.105689e-03	-1.175772e-02	-5.660064e-03
## SPAC3F10.15c	-2.348595e-03	-1.652679e-03	3.340657e-03	7.701505e-04
## SPAC3F10.13	1.106011e-04	4.065393e-03	-5.056076e-03	1.055068e-03
## SPAC3F10.16c	6.397168e-03	-4.604184e-03	8.015272e-04	7.096744e-03
## SPAC3F10.17	6.860997e-04	1.626461e-03	-2.899310e-03	3.143559e-03
## SPAC3F10.18c	2.561530e-02	2.678571e-02	4.310522e-02	-7.297231e-03
## SPAC8F11.03	-8.534678e-04	3.823147e-03	-2.908647e-03	5.397588e-03
## SPNCRNA.856	-7.116297e-05	2.067040e-04	4.586118e-04	-5.051396e-04
## SPAC8F11.04	-2.034428e-03	-3.082806e-03	-5.200480e-03	-2.286848e-03
## SPAC8F11.08c	8.762484e-04	4.292932e-03	-1.002759e-02	-5.390655e-03
## SPAC8F11.09c	-5.698080e-04	8.484935e-04	3.451689e-03	-1.486314e-03
## SPNCRNA.857	-1.997025e-03	-3.351667e-03	-8.943261e-04	-8.480314e-04
## SPACUNK4.17	-4.035178e-02	-1.093587e-02	1.374506e-03	6.781968e-02
## SPACUNK4.19	-8.050237e-04	1.069023e-03	-1.326348e-04	-5.243776e-04
## SPACUNK4.16c	-1.016564e-02	2.195200e-03	-1.531880e-02	9.504527e-03
## SPACUNK4.15	-1.109488e-03	1.659814e-02	9.304254e-03	-7.262762e-03
## SPACUNK4.14	8.852521e-04	5.549794e-04	-2.679493e-03	-3.431210e-03
## SPNCRNA.56	-4.952873e-04	-1.739785e-04	3.496001e-04	3.136402e-04
## SPACUNK4.12c	-8.819559e-04	3.775508e-03	-7.015381e-03	-1.917281e-04
## SPACUNK4.11c	9.506192e-04	-8.147731e-04	4.633629e-05	5.373380e-04
## SPACUNK4.20	-3.913956e-04	1.988043e-03	2.243757e-03	-1.198563e-03
## SPACUNK4.09	2.806416e-04	1.376379e-03	3.205064e-03	-9.667628e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	-5.457571e-03	4.387782e-03	-4.560268e-03	1.029754e-03
## SPAPYUK71.03c	-5.229030e-03	-1.058413e-02	-2.392511e-02	-2.440820e-03
## SPNCRNA.209	2.180955e-04	7.536173e-07	-1.982410e-04	-2.498783e-04
## SPAC513.04	-1.927358e-04	4.742435e-05	-7.096420e-05	-1.438936e-04
## SPAC513.06c	3.070919e-03	-1.114005e-03	4.142680e-03	1.049123e-02
## SPAC513.07	5.845664e-04	5.989634e-03	-9.265625e-03	-2.675160e-04
## SPAC2E1P3.02c	6.330468e-04	4.189128e-04	5.198501e-05	5.752954e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-1.890854e-05	-2.614830e-04	1.599486e-04	-2.020438e-04
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-4.781035e-03	-1.049879e-03	1.006848e-02	-1.023337e-02
## SPNCRNA.861	8.846527e-04	-6.050828e-04	9.278686e-04	9.659168e-04
## SPNCRNA.862	-2.700584e-04	-2.644095e-04	-5.255170e-04	1.042569e-03
## SPNCRNA.863	-5.317696e-03	-3.530953e-03	4.959946e-03	1.168653e-04
## SPAPB24D3.01	3.646738e-03	-1.651719e-03	-6.555658e-03	-1.753753e-03
## SPAPB24D3.02c	6.334295e-04	-2.745684e-03	-2.710163e-03	1.119274e-03
## SPAPB24D3.03	3.130207e-03	7.899836e-03	-2.072753e-03	1.426000e-03
## SPAPB24D3.04c	-3.550127e-05	-3.598377e-04	-7.204885e-04	-5.831615e-04
## SPAPB24D3.07c	-1.369685e-02	2.884827e-03	-3.467234e-03	1.580409e-02

## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	-3.542104e-03	3.201976e-03	-6.591932e-03	8.676569e-04
## SPAPB24D3.10c	2.768737e-03	2.673231e-04	-2.488078e-03	-2.842919e-05
## SPNCRNA.867	3.531490e-04	-1.306124e-03	8.483088e-07	1.828553e-04
## SPNCRNA.868	3.380672e-04	-1.284178e-04	-1.731430e-04	2.617648e-04
## SPNCRNA.869	1.168035e-04	6.682264e-05	-2.329086e-04	4.512890e-05
## SPAPB1A11.04c	-2.857784e-03	3.572270e-03	-9.299069e-04	-1.810453e-03
## SPAC31G5.02	-2.534065e-03	7.576231e-04	4.267012e-03	-3.492886e-03
## SPNCRNA.870	-1.621359e-04	1.354386e-04	-1.145170e-04	-2.583096e-04
## SPAC31G5.04	3.696976e-03	-1.456571e-02	1.118936e-02	7.343277e-03
## SPAC31G5.06	-4.328257e-04	-8.675849e-04	-1.864461e-04	9.462268e-06
## SPNCRNA.871	-3.004883e-04	-7.535004e-04	-1.285558e-03	3.927535e-04
## SPAC31G5.08	-1.558626e-03	-9.599645e-03	-6.596248e-03	-2.460324e-03
## SPNCRNA.71	1.106183e-04	3.499697e-05	-4.197343e-04	2.927544e-04
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	-1.393623e-03	1.606378e-04	-2.127066e-03	-1.185504e-03
## SPAC31G5.11	3.125787e-03	-8.182472e-04	-3.107752e-02	-2.776772e-03
## SPAC31G5.21	-2.403577e-04	-1.783259e-04	-1.495133e-03	1.416166e-04
## SPNCRNA.874	1.573740e-04	7.634522e-04	5.140244e-04	2.250335e-04
## SPAC31G5.14	5.411824e-03	-2.856970e-03	1.791784e-03	-6.594382e-03
## SPAC31G5.16c	2.096173e-03	-6.411791e-03	-4.724748e-03	-7.126235e-04
## SPAC31G5.18c	1.090159e-03	5.327191e-03	2.002566e-03	-2.604094e-04
## SPAC31G5.19	-1.027556e-03	5.456527e-04	-3.441915e-03	4.769674e-03
## SPNCRNA.876	3.563817e-05	6.051298e-04	4.447087e-04	-6.006530e-05
## SPNCRNA.877	-3.973862e-04	-4.071488e-04	-6.306970e-05	-1.475740e-04
## SPAC1786.02	4.603358e-03	-2.530608e-02	5.914076e-03	-5.300993e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	-9.718403e-04	5.040613e-03	-9.971299e-04	1.902681e-03
## SPAC24C9.02c	9.117804e-04	3.247711e-03	5.238604e-03	4.655543e-03
## SPAC24C9.04	2.607844e-03	1.562424e-03	2.609560e-03	3.440041e-03
## SPAC24C9.05c	1.444500e-03	-1.396206e-03	-1.963084e-03	-1.443757e-03
## SPAC24C9.07c	-1.796269e-03	-1.100929e-03	-1.702046e-03	3.242099e-04
## SPNCRNA.881	2.053385e-04	4.597563e-05	-2.739448e-05	-1.561228e-04
## SPNCRNA.882	7.432065e-06	1.830008e-04	1.205278e-04	2.370099e-05
## SPAC24C9.08	-2.109660e-04	9.617477e-03	-7.374283e-03	-6.040025e-03
## SPAC24C9.10c	3.610662e-04	3.720558e-03	-3.972957e-03	3.037680e-03
## SPAC24C9.11	1.153988e-02	3.869431e-03	3.920329e-03	4.641078e-03
## SPAC24C9.12c	1.064544e-02	1.241205e-02	1.086690e-03	-1.123128e-02
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	2.691672e-04	2.507212e-03	6.058259e-04	2.322999e-03
## SPNCRNA.884	-1.098761e-04	1.116803e-05	-1.622810e-05	1.282670e-04
## SPATRNALYS.05	-8.526124e-04	2.728826e-03	2.087431e-03	-3.246497e-04
## SPAC16A10.05c	-8.323347e-06	-1.014039e-05	-3.390931e-04	-1.467085e-03
## SPAC16A10.06c	5.296547e-04	9.513181e-04	1.068502e-03	7.259793e-04
## SPAC16A10.07c	-3.443809e-03	-8.100593e-04	2.149060e-03	-4.116789e-03
## SPNCRNA.885	1.816455e-03	1.286394e-03	9.630117e-04	9.909273e-05
## SPAC16A10.08c	-1.629157e-03	2.574334e-03	-9.087653e-04	7.824331e-04
## SPAC589.03c	5.862846e-04	3.084572e-03	8.819178e-06	5.653135e-04
## SPAC589.06c	3.001655e-03	2.349140e-02	6.341305e-03	1.128645e-02
## SPAC589.08c	-7.013316e-04	-2.172016e-03	-1.803320e-03	1.148152e-03
## SPAC589.11	-4.798751e-04	-2.730856e-04	-2.165301e-05	-1.439637e-04
## SPAC688.02c	1.896997e-03	-1.389722e-03	2.195272e-03	4.220083e-03
## SPAC688.06c	-8.006066e-04	7.952992e-04	-9.566652e-04	-6.375832e-04
## SPAC688.07c	-7.024553e-03	7.071725e-03	-3.019743e-04	-6.123761e-03

## SPAC688.08	-2.706768e-03	5.522478e-03	-6.064850e-03	6.283244e-04
## SPAC688.09	2.977201e-04	-2.629633e-04	3.407033e-03	4.371384e-03
## SPNCRNA.888	5.392933e-04	-1.616898e-04	1.023206e-04	6.761832e-04
## SPNCRNA.889	-1.095734e-05	1.680161e-03	2.080181e-05	-1.360617e-03
## SPAC688.13	-2.979265e-03	1.411199e-03	8.165958e-04	-9.016168e-04
## SPNCRNA.890	1.372066e-03	1.077864e-03	-2.651750e-04	6.299476e-05
## SPAC688.14	-3.521556e-03	1.406124e-03	2.111646e-03	-3.553053e-03
## SPAC688.16	-2.857662e-04	5.864890e-03	1.863029e-03	-1.204100e-03
## SPNCRNA.891	-5.323167e-04	-6.177189e-04	-7.022028e-05	3.761988e-04
## SPAC3G9.15c	-3.363796e-03	2.715769e-03	1.197359e-03	2.505616e-03
## SPNCRNA.216	-5.625982e-05	-2.954267e-05	-9.313194e-06	7.477193e-05
## SPAC3G9.13c	-2.370832e-03	-2.060179e-04	2.371579e-03	1.400093e-03
## SPNCRNA.217	-8.235820e-05	-8.456169e-05	3.985902e-04	4.656714e-05
## SPAC3G9.11c	1.117739e-04	4.611180e-05	-6.908124e-05	5.657573e-04
## SPAC3G9.17	1.412900e-03	1.425231e-03	-1.804522e-03	-1.398865e-03
## SPATRNATHR.04	-1.359705e-02	-2.367694e-02	-1.095437e-02	1.137485e-02
## SPNCRNA.218	-5.848680e-04	-9.162436e-05	-4.330051e-04	-7.000356e-04
## SPNCRNA.892	-8.748663e-04	-1.811307e-03	-3.752743e-04	1.331543e-03
## SPAC3G9.09c	1.096529e-02	-3.317633e-02	6.269204e-03	2.838324e-02
## SPAC3G9.07c	2.445716e-03	-4.300270e-03	-2.390409e-03	4.913449e-03
## SPAC3G9.06	-1.213812e-03	-1.035650e-02	9.871677e-03	1.336258e-03
## SPAC3G9.03	3.702882e-03	5.268962e-02	4.295383e-02	1.092403e-02
## SPAC3G9.01	-1.880295e-04	-9.577509e-04	-1.955564e-04	3.369896e-04
## SPAC1486.01	1.042755e-02	-1.648667e-05	-6.194306e-03	2.768364e-03
## SPAC1486.05	-5.564170e-03	-1.161572e-02	5.601329e-03	1.518139e-02
## SPNCRNA.894	-4.714285e-04	3.097340e-04	4.909033e-04	1.490701e-03
## SPAC1486.11	-4.552830e-04	-1.357024e-03	2.061770e-03	1.546583e-03
## SPAC1486.07c	-9.982123e-04	2.896803e-03	2.602466e-03	-1.767251e-03
## SPAC1486.08	-8.747422e-04	1.684221e-03	7.287510e-04	-2.305182e-03
## SPAC1486.10	-1.182514e-04	6.133706e-03	-5.349768e-03	-2.648684e-03
## SPAC6G10.02c	-2.575087e-03	-3.355690e-03	-3.358294e-03	6.528086e-03
## SPAC6G10.03c	-1.718712e-04	7.136712e-03	5.241931e-03	-1.665855e-03
## SPAC6G10.04c	1.564169e-03	-1.741551e-02	1.078608e-02	2.797696e-04
## SPAC6G10.05c	-5.231561e-03	-6.352349e-03	-3.143742e-03	1.446377e-03
## SPNCRNA.896	8.408877e-04	-6.940052e-04	1.098402e-04	1.943367e-03
## SPAC6G10.07	9.623472e-03	-3.837872e-03	-3.451360e-03	3.217631e-04
## SPAC6G10.08	-1.166609e-02	3.749139e-03	-7.075343e-03	-4.605549e-03
## SPAC6G10.09	-3.183449e-03	-1.050617e-02	-1.573293e-03	-8.682428e-03
## SPAC6G10.10c	-1.539147e-03	-1.911584e-03	8.599069e-04	-5.867514e-04
## SPAC6G9.02c	-1.526532e-03	7.431836e-03	-1.213684e-04	6.779004e-03
## SPAC6G9.03c	1.330627e-03	-3.755778e-04	-3.245074e-03	-8.050617e-04
## SPAC6G9.09c	-1.054101e-03	-8.522526e-03	2.738211e-03	2.452224e-02
## SPAC6G9.12	-5.151797e-03	-2.181490e-03	-6.962497e-04	-5.533030e-03
## SPNCRNA.899	-8.550347e-05	-5.362964e-05	-8.981378e-05	-9.924175e-05
## SPAC6G9.15c	-1.981721e-03	5.094966e-05	-1.386849e-03	-7.135676e-04
## SPAPB1E7.01c	-8.859573e-04	-1.240072e-03	-2.787205e-05	5.721439e-04
## SPAC652.01	-3.087806e-03	-1.429743e-03	-8.520052e-04	3.860911e-03
## SPAPB1E7.03	1.784606e-03	3.595260e-03	6.079573e-04	2.421688e-03
## SPAPB1E7.04c	-8.842212e-03	-9.981008e-03	-1.380224e-02	-1.309623e-02
## SPAPB1E7.06c	4.049326e-04	-1.384862e-03	-1.496147e-03	1.489699e-03
## SPNCRNA.900	-1.765172e-03	-8.110792e-04	-2.460395e-04	-2.681769e-04
## SPAPB1E7.07	1.979837e-02	2.970859e-02	-7.279373e-02	-3.349146e-02
## SPNCRNA.901	1.615958e-04	7.735336e-04	5.649490e-04	1.544314e-04
## SPSNORNA.43	-5.877563e-07	3.353356e-06	8.834030e-06	-8.396061e-06

## SPAPB1E7.10	-3.054801e-04	4.439139e-04	1.247014e-03	5.816291e-04
## SPAC2E1P5.01c	-3.491907e-03	1.770968e-03	-6.495501e-03	-9.610246e-03
## SPAC2E1P5.03	5.892414e-03	-8.760234e-04	1.218165e-03	-3.709302e-03
## SPAC2E1P5.05	-1.293715e-03	3.585550e-03	6.296717e-05	3.067503e-03
## SPAC26A3.02	-2.256939e-03	3.498598e-03	2.343075e-04	2.759729e-03
## SPAC26A3.05	2.068907e-02	-1.407185e-02	-5.313429e-03	2.331447e-02
## SPAC26A3.08	3.630775e-03	-2.146145e-03	2.854522e-03	2.334912e-04
## SPAC26A3.09c	-4.652202e-03	1.136602e-03	-7.224936e-04	4.373746e-04
## SPAC26A3.10	1.001220e-03	1.574018e-03	-1.949505e-02	9.142160e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	-1.282062e-03	1.321969e-03	-7.360909e-03	1.695813e-03
## SPAC8E11.12	4.678282e-04	-2.160374e-04	-3.125789e-04	2.952260e-04
## SPNCRNA.903	5.739656e-04	1.228214e-03	8.563320e-04	-5.859731e-04
## SPAC8E11.08c	-9.480064e-06	-2.516045e-04	-2.535643e-04	-2.933973e-04
## SPAC8E11.06	-3.561212e-04	4.219524e-04	-7.675670e-05	4.896225e-04
## SPAC8E11.04c	4.153531e-03	-9.386213e-03	1.919473e-03	-7.538986e-04
## SPNCRNA.904	4.529819e-04	-1.080300e-03	-6.826409e-04	2.370384e-03
## SPAC8E11.03c	-1.373243e-04	1.705838e-04	-1.010202e-04	7.981290e-05
## SPAC8E11.02c	1.004833e-02	-1.995610e-02	7.561497e-03	1.928962e-02
## SPAC959.02	-2.067734e-03	3.455787e-04	6.488123e-03	-4.138627e-03
## SPAC959.03c	-6.477134e-03	2.792014e-03	-5.924678e-03	-3.927972e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-4.392536e-04	-9.758297e-04	2.593868e-04	3.614790e-04
## SPAC959.05c	1.053242e-04	-8.132052e-04	-2.936770e-03	-2.923126e-04
## SPAC959.07	1.925635e-02	-1.803530e-02	1.069692e-04	1.280553e-02
## SPAC959.09c	-2.134094e-03	-4.438624e-03	-2.820236e-03	3.205131e-03
## SPAP32A8.02	1.440795e-03	-5.514506e-03	9.396907e-03	-4.789760e-03
## SPAP32A8.03c	-2.597009e-04	-2.726330e-03	-7.722591e-07	4.263453e-04
## SPAC3H5.10	1.213637e-02	-3.194378e-02	1.256148e-02	7.069721e-02
## SPAC3H5.08c	-1.622847e-03	1.790274e-04	2.051701e-04	3.640428e-03
## SPAC3H5.06c	-1.942639e-03	2.692428e-03	-3.459700e-03	-5.033542e-03
## SPAC3A11.13	-1.760870e-03	3.273777e-06	-4.025523e-04	-2.875046e-03
## SPAC3A11.12c	-1.205535e-02	2.520361e-03	-7.360662e-03	-1.409469e-02
## SPAC3A11.10c	-3.221201e-04	6.154523e-03	-1.098785e-03	1.292511e-03
## SPAC3A11.09	5.464055e-03	2.755862e-03	-3.729494e-03	-2.470210e-03
## SPNCRNA.909	-2.081977e-03	8.078979e-04	4.081193e-03	-1.418094e-03
## SPNCRNA.910	3.025099e-04	4.613841e-04	-3.799905e-04	6.170308e-04
## SPAC3A11.05c	-3.929857e-04	4.460786e-04	5.160129e-04	-1.050939e-03
## SPAC3A11.04	4.992911e-04	3.131336e-03	3.283669e-03	-8.833848e-04
## SPAC3A11.03	1.099614e-05	1.053194e-04	-3.271295e-03	2.112821e-03
## SPAC3A11.02	-3.778228e-03	-2.051761e-03	-2.018160e-03	4.314969e-03
## SPAC328.04	-2.862450e-03	5.053500e-03	5.159683e-03	4.141714e-03
## SPAC328.05	2.875403e-04	6.404618e-04	2.338293e-04	2.255139e-03
## SPAC328.06	-4.089860e-03	7.910245e-03	-1.396386e-02	-1.002893e-02
## SPAC328.08c	2.968201e-04	6.538593e-04	-5.529002e-05	2.469032e-04
## SPAC328.10c	-2.786535e-03	-3.342307e-03	-1.982706e-03	1.796954e-02
## SPNCRNA.222	4.519748e-05	1.635140e-05	-4.226143e-05	1.087921e-04
## SPAC16E8.02	7.579126e-04	-9.869028e-06	5.489278e-04	1.019075e-04
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	3.299264e-04	3.341187e-04	-1.347507e-04	7.693640e-04
## SPAC16E8.06c	-1.074645e-03	3.250565e-03	1.115064e-02	6.733916e-03
## SPAC16E8.07c	5.419074e-03	5.670353e-03	-4.000553e-03	-4.272328e-03
## SPAC16E8.09	-3.234304e-03	1.737253e-03	1.314747e-03	-5.440782e-03
## SPAC16E8.13	4.864356e-03	9.997809e-04	-2.215227e-03	2.542926e-03

## SPAC16E8.15	-5.302493e-04	-2.146590e-03	-3.998875e-03	-4.536742e-03
## SPAC16E8.18c	7.171986e-04	1.797609e-03	4.950793e-04	-1.272323e-03
## SPAC1B1.01	5.616941e-04	-1.530126e-03	2.964806e-03	1.369246e-03
## SPNCRNA.915	1.356767e-04	-4.709789e-04	-2.874848e-04	-3.622400e-04
## SPAC17A2.01	-1.222271e-03	5.896208e-04	1.715455e-04	-2.958233e-03
## SPAC17A2.02c	-3.686558e-03	1.103728e-02	-5.740582e-03	1.784864e-03
## SPAC17A2.04c	2.727069e-03	3.767962e-03	-1.246889e-03	-2.092346e-03
## SPNCRNA.124	8.158221e-05	3.085818e-05	2.962953e-06	1.309583e-04
## SPATRNATRP.01	-3.435455e-04	-5.739310e-04	-7.314421e-04	7.398156e-04
## SPAC17A2.05	-1.260341e-03	3.045525e-03	1.887619e-03	2.166662e-03
## SPAC17A2.06c	-4.106419e-04	5.402689e-03	-2.562991e-04	-1.006365e-03
## SPAC17A2.07c	-1.106668e-03	1.497684e-03	4.547750e-05	2.598049e-03
## SPAC17A2.08c	-6.394513e-04	9.500013e-04	-2.955165e-03	-3.239381e-03
## SPAC17A2.09c	-5.218732e-03	-3.205509e-03	-1.220491e-02	4.149495e-03
## SPAC17A2.10c	-1.432674e-04	4.866947e-04	2.941849e-04	6.099455e-05
## SPAC17A2.11	3.256521e-04	-3.414993e-05	-8.591024e-05	3.532248e-04
## SPNCRNA.920	-7.324653e-05	-3.375909e-04	-1.338105e-03	2.329327e-03
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	2.778073e-03	-5.548737e-04	-1.872160e-03	1.192503e-03
## SPATRNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	7.905276e-03	3.206491e-03	-4.623864e-03	3.198558e-03
## SPAC17G6.05c	2.854102e-03	6.310164e-04	1.961384e-03	-3.299370e-03
## SPAC17G6.06	7.053424e-02	1.381230e-02	2.402238e-02	-2.771294e-02
## SPAC17G6.08	2.617545e-03	1.187565e-03	-8.289179e-04	1.878394e-03
## SPAC17G6.10	-3.483110e-03	4.204998e-03	-1.351168e-03	-6.877429e-04
## SPAC17G6.11c	-2.282901e-03	4.831121e-03	1.891579e-03	4.347878e-03
## SPNCRNA.921	-1.776010e-04	1.308802e-05	2.615200e-05	2.138058e-04
## SPAC17G6.13	5.902137e-03	6.559471e-03	-1.098194e-03	-1.400046e-02
## SPAC17G6.14c	-1.119150e-02	1.213928e-02	-1.128774e-02	7.252321e-03
## SPAC17G6.15c	1.375521e-03	-2.561169e-03	-1.125818e-03	1.198247e-03
## SPAC17G6.16c	3.633804e-03	-4.800955e-03	-6.771658e-03	4.093211e-03
## SPAC17G6.17	-1.183521e-03	2.737169e-03	-4.630675e-03	2.748955e-03
## SPAC1142.01	2.749283e-03	2.701302e-03	1.194279e-03	-1.059902e-03
## SPAC1142.02c	1.537389e-02	-1.121973e-03	-5.332483e-03	4.749818e-03
## SPAC1142.04	3.597228e-03	2.031852e-02	-4.049400e-03	4.474827e-03
## SPNCRNA.923	2.176375e-04	-2.220171e-04	-2.256041e-04	-1.934315e-04
## SPAC1142.05	-1.648799e-02	-2.717519e-03	3.425583e-03	-8.390117e-04
## SPAC1142.06	2.464024e-03	7.535042e-03	-4.861482e-03	8.117553e-04
## SPAC1142.07c	-3.495628e-03	9.229261e-04	-1.248245e-03	3.104594e-03
## SPAC1142.08	-3.298423e-03	1.663513e-03	-4.206938e-04	-9.409452e-05
## SPAC1142.09	-1.713350e-04	1.229203e-04	-2.289722e-05	3.543155e-05
## SPNCRNA.925	2.588414e-04	-5.759767e-04	2.155019e-03	-2.589714e-04
## SPAC8C9.04	-5.444129e-03	-1.340393e-02	-8.571326e-03	5.772458e-03
## SPAC8C9.07	2.749326e-03	1.951084e-03	1.353492e-03	7.652413e-04
## SPAC8C9.08	4.655719e-02	-3.396756e-02	5.253387e-02	4.909425e-02
## SPAC8C9.09c	-1.434226e-03	8.420341e-04	-1.606528e-03	1.776818e-03
## SPAC8C9.11	-7.139161e-04	-1.709152e-03	4.002605e-03	-1.924868e-03
## SPNCRNA.228	-5.344586e-04	-1.082884e-03	8.729635e-04	1.496492e-03
## SPAC8C9.19	-6.387252e-04	9.890119e-04	-5.321402e-06	4.753435e-04
## SPAC8C9.12c	-3.052589e-03	-3.025459e-03	4.676882e-03	-1.972999e-03
## SPAC8C9.14	-1.184193e-02	-2.365523e-03	-9.760135e-03	3.961640e-04
## SPAC8C9.15c	1.358418e-02	-9.566261e-03	8.323955e-03	2.337141e-03
## SPNCRNA.926	1.078281e-03	6.010632e-04	3.353560e-05	-1.107815e-03

## SPAC15A10.17	1.082508e-03	9.932249e-04	1.475396e-03	1.322670e-04
## SPAC15A10.06	-1.637378e-03	5.677033e-03	4.563172e-04	-4.363098e-04
## SPNCRNA.927	-9.234283e-05	5.237674e-05	3.514263e-05	9.758399e-05
## SPAC15A10.08	-8.670689e-03	8.184355e-04	-7.926140e-04	-1.103465e-03
## SPAC15A10.09c	1.360893e-03	-4.286994e-03	3.884803e-03	1.958267e-03
## SPNCRNA.928	-2.155436e-04	-1.063334e-03	4.447011e-05	3.610359e-04
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	-7.051205e-03	-6.661923e-03	9.260775e-03	9.162778e-03
## SPAC15A10.11	-4.116083e-03	1.193943e-02	-1.628555e-02	-4.162753e-03
## SPAC15A10.12c	-3.436372e-03	-6.137064e-04	-1.662177e-03	2.682421e-03
## SPAC15A10.13	-2.530426e-03	1.050200e-03	-1.477712e-03	4.286685e-04
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-5.666661e-04	-4.962152e-04	-1.074259e-03	5.607053e-04
## SPAC15E1.03	2.498234e-02	-4.738390e-02	-1.919856e-02	-1.652430e-02
## SPAC15E1.05c	-2.263260e-04	1.427861e-03	2.665328e-03	-7.827251e-04
## SPAC15E1.09	9.697457e-06	-3.581773e-03	-3.217955e-04	-2.435287e-04
## SPAC15E1.10	-2.702507e-04	4.073435e-03	6.049363e-04	-9.092584e-04
## SPNCRNA.932	-2.181430e-04	2.655241e-04	-3.321029e-05	2.980487e-04
## SPAP7G5.02c	-3.448802e-03	1.183993e-02	1.649031e-02	8.006897e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	-2.469624e-03	-3.524191e-03	1.145022e-02	5.839243e-03
## SPNCRNA.934	2.677168e-03	-1.239989e-03	-2.716315e-03	-2.299884e-03
## SPNCRNA.935	2.680540e-03	1.864164e-03	-3.076513e-04	1.208421e-03
## SPNCRNA.84	-5.928742e-05	-1.144788e-05	2.901344e-05	3.160911e-05
## SPNCRNA.230	5.728384e-05	3.496790e-05	-2.614510e-05	-1.139782e-04
## SPNCRNA.231	2.160262e-05	2.149021e-05	-1.264936e-04	1.696597e-05
## SPNCRNA.232	-6.241400e-05	-5.771095e-06	1.367082e-04	-7.585734e-05
## SPATRNAILE.03	2.601310e-05	1.564341e-04	8.593118e-04	-1.441565e-03
## SPNCRNA.233	2.831071e-06	-2.012728e-05	-1.013443e-05	-3.779427e-05
## SPATRNAAGLU.04	-1.185627e-02	7.791081e-03	-7.255014e-03	5.112135e-03
## SPATRNAALA.05	1.044689e-03	-1.965242e-03	1.585952e-04	-3.930904e-04
## SPNCRNA.234	-8.185534e-05	7.342234e-05	2.024633e-04	-5.721466e-05
## SPAC1556.01c	-1.373617e-03	-1.429096e-03	-3.914993e-03	-7.230545e-04
## SPAC1556.03	-4.647879e-03	-2.082925e-03	-4.038157e-03	-3.571565e-03
## SPAC1556.04c	1.432896e-03	-1.041725e-03	-3.097253e-03	1.018034e-03
## SPAC1556.05c	-1.745571e-04	1.199356e-03	1.857781e-04	6.586006e-04
## SPAC1F12.02c	-5.642303e-02	5.172792e-02	7.349352e-02	2.483206e-02
## SPAC1F12.03c	5.645584e-05	-2.273992e-04	-1.581611e-03	2.802824e-04
## SPAC1F12.04c	4.756070e-04	8.727322e-04	-3.948717e-03	4.489766e-03
## SPAC1F12.05	1.100168e-03	2.169985e-03	3.710181e-04	-3.649234e-03
## SPAC1F12.07	3.765051e-03	-9.400517e-03	8.286377e-03	9.837951e-03
## SPNCRNA.937	6.473988e-04	4.190008e-04	-5.975158e-04	-1.014785e-03
## SPAC4H3.01	-4.370208e-03	2.732928e-03	6.808983e-03	-2.524916e-03
## SPAC4H3.03c	1.033652e-03	-1.089942e-04	3.389213e-03	5.535457e-03
## SPAC4H3.06	-1.500301e-03	-4.534930e-03	-3.823228e-03	5.161099e-03
## SPAC4H3.09	-8.636844e-04	1.078678e-03	-3.796131e-03	4.483348e-03
## SPNCRNA.941	-3.000350e-04	2.625134e-04	9.964060e-05	1.093998e-04
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-1.986441e-04	7.702144e-05	3.072028e-04	1.611102e-04
## SPNCRNA.942	4.912631e-03	2.387024e-03	3.233514e-03	-4.770229e-05
## SPAC4H3.12c	-3.638738e-05	-7.312967e-04	-5.339357e-04	1.481677e-04
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	-1.495183e-03	-2.441418e-03	-6.969696e-03	1.524916e-03
## SPAC1071.02	-1.098555e-03	-8.669063e-03	-8.389898e-04	1.449196e-03

## SPAC1071.03c	-2.316225e-03	1.776917e-03	1.137491e-03	1.189200e-03
## SPNCRNA.237	-9.622255e-05	-2.548431e-04	7.127264e-05	-1.806287e-04
## SPNCRNA.943	-5.465220e-04	-3.955507e-04	-5.565425e-04	1.492651e-04
## SPAC1071.05	-4.586549e-03	2.187398e-03	-2.339629e-03	-6.210685e-03
## SPAC1071.06	-1.744843e-03	2.560799e-03	4.229796e-03	-4.256976e-03
## SPAC1071.08	1.406109e-02	-2.347385e-02	-1.354326e-02	1.905742e-02
## SPAC1071.10c	4.447525e-02	5.038386e-03	-7.275471e-02	-1.309112e-02
## SPNCRNA.93	-1.514267e-04	-1.989509e-05	-5.817676e-05	-1.478176e-04
## SPAC1071.13	-1.433951e-03	1.862486e-03	2.580105e-03	-1.462349e-03
## SPNCRNA.945	-1.063913e-03	4.712381e-04	7.700297e-04	5.552451e-04
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	-1.129990e-05	-4.997497e-03	-1.355960e-03	1.328497e-03
## SPAC926.02	2.132380e-03	-1.997659e-03	-1.417670e-03	-5.156807e-04
## SPNCRNA.946	2.392013e-05	-1.814923e-03	6.502366e-04	-1.390303e-03
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	-2.878030e-03	2.214778e-03	-2.620374e-03	-1.798069e-03
## SPAC926.04c	-9.224217e-02	-1.549741e-02	1.690535e-01	5.856097e-02
## SPRRNA.18	-4.350633e-02	3.674961e-02	-1.373293e-02	1.192790e-02
## SPAC926.05c	-4.619921e-04	4.050579e-03	-1.324938e-05	-1.900571e-03
## SPAC926.09c	8.296253e-02	8.319949e-02	-7.599207e-02	-9.336695e-02
## SPAC323.01c	-1.833453e-03	2.029658e-03	-2.336213e-03	-1.858255e-03
## SPNCRNA.948	2.165738e-05	-7.502603e-04	-3.682527e-04	7.075741e-04
## SPAC323.06c	1.291561e-03	-1.509657e-03	-2.888825e-03	2.394514e-03
## SPAC323.07c	-6.231773e-04	3.893110e-03	-3.936467e-03	-6.377426e-03
## SPAC2F3.02	1.654305e-03	-3.674617e-03	-3.507371e-03	-2.219904e-04
## SPAC2F3.03c	-7.992399e-03	1.828776e-03	1.927385e-04	9.253698e-04
## SPAC2F3.04c	-5.927075e-04	1.692484e-03	1.519934e-03	8.165846e-04
## SPAC2F3.05c	-2.750813e-03	-2.778694e-03	-4.889683e-03	1.900686e-03
## SPAC2F3.06c	1.132402e-02	2.683455e-02	1.441493e-02	-4.834572e-03
## SPAC2F3.08	1.065872e-03	3.853871e-04	1.010552e-03	4.364791e-04
## SPNCRNA.949	3.431880e-04	2.055662e-03	-1.769283e-03	-9.586862e-04
## SPNCRNA.950	-5.510302e-05	-9.684535e-05	1.351752e-05	-1.697281e-04
## SPAC2F3.18c	1.754242e-03	-8.813191e-03	-3.373969e-03	1.257721e-03
## SPAC2F3.11	-3.233053e-03	-5.238616e-03	1.998566e-03	8.489496e-04
## SPNCRNA.240	-3.461529e-04	6.832912e-05	6.881475e-05	1.821898e-04
## SPAC11G7.01	1.152277e-02	6.288523e-03	-8.678508e-03	-1.186642e-02
## SPAC11G7.02	8.536973e-03	1.512079e-02	-1.103514e-04	-2.463078e-03
## SPAC11G7.03	3.203852e-03	1.718373e-02	-6.018148e-03	-1.115120e-03
## SPAC11G7.04	1.023987e-02	-1.456595e-02	6.543333e-03	6.122156e-03
## SPAPB18E9.01	-1.199367e-03	1.628280e-03	3.521853e-04	-4.105277e-03
## SPAPB18E9.05c	-4.959648e-03	-6.931506e-03	5.866851e-04	-6.003553e-03
## SPAPB15E9.01c	-1.161987e-02	-2.056915e-02	-5.932166e-02	1.384945e-02
## SPAPB15E9.02c	-2.611342e-03	-5.295086e-04	8.455231e-04	1.097938e-03
## SPAC27E2.02	-2.626405e-04	-1.455947e-03	-4.011356e-03	-1.359779e-03
## SPNCRNA.53	-2.070287e-05	-1.066442e-09	9.366622e-06	4.147510e-05
## SPAC27E2.14	-6.030305e-04	-1.408587e-03	-5.323254e-04	-5.064261e-04
## SPAC27E2.05	-4.871009e-03	4.660488e-03	-1.063624e-03	-5.705566e-03
## SPAC27E2.09	-5.016160e-04	1.497449e-04	-8.356214e-03	-9.585901e-04
## SPAC27E2.10c	2.085446e-03	-1.387853e-03	-7.855817e-03	2.179421e-03
## SPAPJ698.03c	-1.960870e-03	1.425621e-03	-4.205844e-03	-1.425224e-04
## SPAC19G12.02c	-1.682111e-03	5.710564e-04	3.260901e-03	1.997437e-03
## SPAC19G12.04	-6.651555e-04	2.340780e-03	1.126308e-03	4.841132e-04
## SPAC19G12.06c	1.463603e-02	2.092342e-03	-1.192173e-02	-3.904841e-03
## SPAC19G12.07c	-7.880236e-04	-5.339850e-03	-7.444445e-04	-3.480587e-03

## SPAC19G12.08	3.053121e-04	-4.828876e-03	-1.390703e-03	4.487507e-04
## SPATRNALEU.04	-1.014088e-02	-3.652238e-02	4.519655e-02	4.644530e-02
## SPAC19G12.09	3.821841e-03	7.875804e-03	6.747072e-03	6.888987e-03
## SPAC19G12.13c	1.132316e-04	2.088215e-03	-1.157801e-04	-1.515775e-03
## SPAC19G12.14	1.478981e-03	2.182586e-03	-3.939639e-03	3.350442e-03
## SPAC23A1.07	-3.741847e-03	-1.413264e-03	-3.140658e-04	4.872823e-04
## SPAC23A1.08c	-2.024547e-02	4.111111e-03	-2.157606e-02	5.232298e-03
## SPAC23A1.10	2.466928e-02	4.369764e-02	4.469956e-02	3.410092e-02
## SPAC23A1.15c	-4.540408e-03	2.422997e-03	3.143205e-03	3.019998e-03
## SPAC23A1.16c	-5.957870e-04	5.651610e-04	1.594618e-03	-4.891009e-04
## SPNCRNA.341	-1.224397e-04	-1.845786e-04	5.991666e-06	1.201321e-04
## SPAC26H5.04	2.120781e-03	-2.197817e-03	-3.113500e-03	-3.471227e-03
## SPNCRNA.961	-1.907674e-06	-9.032374e-04	-1.132671e-03	-1.055444e-03
## SPAC26H5.07c	4.465671e-03	7.893556e-03	-5.166961e-03	-1.363169e-03
## SPAC26H5.08c	-2.581662e-03	4.914952e-03	-2.758955e-03	1.736702e-03
## SPNCRNA.962	4.836718e-06	4.283929e-06	8.870056e-06	-1.619654e-05
## SPNCRNA.306	1.105403e-05	3.345081e-05	5.581591e-05	-1.321704e-04
## SPAC26H5.09c	1.437829e-03	6.593619e-03	3.756505e-03	5.115260e-03
## SPAC26H5.10c	2.978114e-02	-5.443093e-02	-1.448310e-02	2.033967e-02
## SPNCRNA.964	-6.147781e-04	1.114426e-03	-4.356580e-05	-1.070796e-03
## SPNCRNA.965	2.719627e-04	2.604367e-04	-6.259558e-04	-1.162014e-03
## SPNCRNA.242	-7.539832e-02	-1.626836e-01	-5.600267e-02	-3.562237e-02
## SPSNORNA.13	1.228609e-02	1.163280e-01	9.559458e-03	1.468617e-01
## SPAC25B8.02	3.647434e-04	1.277202e-03	-1.572361e-03	-1.410524e-03
## SPAC25B8.03	1.020614e-03	3.943237e-03	-1.434465e-02	-1.269694e-03
## SPAC25B8.04c	6.031757e-05	1.969428e-03	-1.024525e-03	2.438991e-03
## SPAC25B8.05	-9.720131e-04	1.150616e-03	-9.715869e-04	-3.816985e-03
## SPAC25B8.07c	2.916078e-03	4.416288e-03	2.208979e-03	4.872450e-04
## SPAC25B8.20	4.687592e-04	1.942253e-03	1.171871e-03	4.855720e-05
## SPNCRNA.967	-1.199598e-04	-2.313077e-04	-8.282488e-04	2.007896e-04
## SPAC25B8.10	2.702624e-03	1.110704e-05	1.148866e-03	-3.655945e-03
## SPAC25B8.11	5.926369e-03	-6.866257e-03	-9.355158e-03	-3.306499e-03
## SPNCRNA.968	-1.768429e-03	-3.520115e-04	-1.583618e-03	-3.989932e-04
## SPAC25B8.13c	2.306410e-03	-3.325807e-03	-7.662972e-03	-5.307703e-03
## SPRRNA.19	-4.721395e-03	2.207500e-03	8.622010e-04	-6.634582e-04
## SPAC25B8.14	9.439059e-04	3.760662e-03	5.888066e-04	2.391153e-04
## SPAC25B8.15c	-1.448793e-03	1.412380e-03	1.648094e-03	1.882850e-03
## SPAC25B8.16	-3.209580e-04	-3.563550e-03	-4.628705e-03	-3.675056e-03
## SPNCRNA.970	-6.588187e-04	-1.107855e-03	1.316425e-04	5.748039e-04
## SPNCRNA.971	4.047504e-04	-5.311123e-04	-6.452056e-05	-2.330614e-04
## SPAC694.03	8.562896e-04	1.013857e-03	-6.410291e-04	-2.113135e-03
## SPAC694.04c	5.843177e-03	6.181513e-03	-2.470387e-03	-1.819653e-03
## SPNCRNA.972	-5.248781e-04	5.720449e-04	-1.540144e-04	7.402449e-04
## SPAC1F7.02c	-3.385149e-03	6.755283e-03	-1.126487e-02	1.747639e-02
## SPAC1F7.03	7.165612e-03	2.155535e-03	-1.191770e-02	1.095670e-02
## SPAC1F7.06	-2.767242e-04	5.224585e-07	1.017853e-04	2.148092e-04
## SPAC1F7.07c	1.259803e-02	7.645047e-04	-6.255338e-03	1.352458e-02
## SPSNORNA.14	-6.833952e-05	5.851596e-06	-1.615331e-05	1.515056e-05
## SPRRNA.20	-7.499267e-02	5.207867e-02	-5.365779e-02	-1.477337e-02
## SPAC1F7.10	-2.411647e-04	-1.958439e-03	-2.072320e-03	-7.004536e-04
## SPAC1F7.11c	2.989137e-03	-2.070240e-04	-4.126365e-03	1.725857e-03
## SPAC1F7.12	3.480498e-03	-6.832164e-03	-5.343641e-03	8.679976e-03
## SPAC21E11.03c	5.730910e-04	-4.742648e-04	4.564952e-03	3.462770e-03
## SPAC21E11.05c	-2.178149e-04	-2.931308e-03	3.629802e-05	6.042210e-04

## SPAC21E11.08	3.205602e-03	2.353025e-03	-2.327708e-03	-2.100019e-04
## SPATRNASER.03	2.484242e-03	6.675196e-04	5.874058e-04	2.300289e-03
## SPATRNAMET.03	7.879712e-04	-9.137103e-04	2.860685e-03	6.677526e-04
## SPAC2C4.05	2.487991e-03	1.655946e-04	9.581745e-03	1.997949e-03
## SPAC2C4.06c	-3.344835e-03	3.250663e-04	-2.705611e-03	3.974746e-03
## SPAC2C4.08	-9.550163e-05	-1.190069e-03	-5.545759e-04	-1.985168e-03
## SPAC2C4.11c	5.901193e-04	2.475985e-03	-1.597958e-03	5.611101e-03
## SPAC2C4.12c	-2.005220e-03	4.182339e-03	-4.358493e-03	-3.054693e-03
## SPAC2C4.14c	-1.773192e-03	-6.754334e-05	5.171594e-03	4.155018e-03
## SPAC2C4.15c	3.090814e-03	6.616965e-04	-9.797177e-03	-6.931588e-03
## SPAC2C4.16c	6.473630e-02	2.537624e-02	5.886472e-02	2.305189e-02
## SPNCRNA.974	1.733648e-04	2.845919e-04	7.001256e-05	-1.076160e-04
## SPNCRNA.975	1.435469e-03	-8.059918e-05	1.612281e-04	9.217566e-04
## SPNCRNA.976	-2.828795e-04	-1.551063e-03	-5.265581e-04	6.906338e-04
## SPAC25G10.01	9.232703e-05	2.292973e-03	1.661707e-03	3.482260e-03
## SPAC25G10.05c	-9.792059e-03	8.962200e-03	1.521657e-02	2.088329e-02
## SPAC25G10.06	8.262466e-03	2.819087e-02	2.351718e-03	2.279397e-02
## SPAC25G10.07c	1.377638e-03	4.681592e-03	1.939428e-03	9.337527e-04
## SPAC25G10.09c	-9.963819e-03	-1.195469e-03	-1.706167e-02	-1.652001e-03
## SPAC27F1.02c	-1.153121e-02	-1.138070e-02	5.941406e-04	-1.265747e-03
## SPAC27F1.03c	-2.394431e-03	-1.334674e-04	-1.841073e-03	-1.745945e-03
## SPAC27F1.04c	-8.817391e-04	1.302849e-04	-1.202878e-03	2.516657e-03
## SPAC27F1.07	-3.033132e-03	-2.541440e-03	-4.387734e-03	8.896807e-03
## SPAC27F1.08	1.499023e-03	5.263194e-03	-5.400993e-03	3.197417e-04
## SPAC27F1.09c	1.115871e-02	3.263352e-03	-9.243599e-04	-2.738116e-03
## SPAC23D3.01	-2.134072e-03	-9.645279e-04	-7.621575e-04	2.285232e-04
## SPAC23D3.02	-1.521592e-03	2.716201e-03	1.719836e-03	-4.912935e-03
## SPAC23D3.03c	3.575289e-03	-2.537297e-03	-5.112972e-05	5.566519e-03
## SPNCRNA.979	-1.527544e-03	5.922776e-03	1.053221e-03	4.444238e-04
## SPAC23D3.08	-1.274962e-03	4.405030e-03	-5.163169e-03	-3.591016e-03
## SPAC23D3.11	-7.586469e-03	3.208375e-03	-1.042084e-03	1.732114e-03
## SPNCRNA.980	-2.414872e-04	2.319551e-04	4.662640e-04	-4.731497e-04
## SPAC23D3.17	-1.055881e-03	-7.251549e-04	-5.977473e-04	-3.566984e-03
## SPNCRNA.981	1.431764e-04	-4.819303e-04	5.430582e-05	-4.127977e-04
## SPAC30.01c	1.254647e-02	-8.970190e-04	-3.592229e-03	1.285898e-03
## SPAC30.02c	2.071867e-03	9.262165e-04	2.532756e-03	-6.901417e-04
## SPAC30.04c	-8.162311e-04	1.695563e-02	-4.768974e-03	-1.563599e-03
## SPAC29E6.01	-1.367931e-03	-2.716361e-03	-6.027688e-04	-1.520642e-03
## SPAC29E6.03c	1.250712e-03	1.732054e-05	2.809610e-03	-5.796442e-03
## SPAC29E6.05c	-6.315515e-04	-2.404198e-03	-4.354556e-03	1.055981e-03
## SPAC29E6.04	7.335347e-04	-7.835519e-04	-7.697919e-04	2.396320e-04
## SPAC29E6.07	-3.279653e-04	-1.427382e-04	-3.554749e-04	8.310791e-04
## SPAC29E6.08	1.372645e-03	-2.408530e-02	2.834145e-03	5.405538e-03
## SPAC16.01	2.272213e-03	1.594475e-03	-1.687523e-03	-2.301165e-03
## SPNCRNA.986	-5.419411e-04	-1.245080e-03	7.411230e-05	3.604283e-04
## SPAC16.03c	1.156052e-03	-1.234422e-03	-8.848402e-03	-9.474343e-04
## SPAC16.05c	5.459431e-03	-2.064085e-02	2.154384e-02	5.594270e-03
## SPAC9E9.01	-1.079803e-04	2.928090e-04	-2.166973e-05	3.183544e-04
## SPAC9E9.17c	6.033422e-05	1.197732e-04	-6.469831e-05	7.464505e-05
## SPNCRNA.987	-4.122677e-05	5.815656e-05	-3.387784e-04	-1.505114e-04
## SPNCRNA.12	4.696754e-05	2.888816e-05	-1.935210e-06	-7.814791e-05
## SPAC9E9.03	-1.539235e-02	7.084081e-03	-2.319810e-02	-4.495777e-02
## SPAC9E9.04	-5.855890e-04	2.965736e-03	-2.577873e-03	-8.171749e-04
## SPAC9E9.09c	7.033833e-02	3.911053e-02	-1.199731e-01	4.393773e-02

## SPNCRNA.989	-2.517637e-04	-9.670296e-04	-1.944494e-03	1.159535e-03
## SPAC9E9.15	1.553094e-03	9.552621e-04	-6.826247e-04	-4.728006e-03
## SPNCRNA.311	9.068638e-05	7.953267e-05	-4.881836e-05	-2.253029e-04
## SPNCRNA.991	-5.739521e-04	-2.592620e-04	-5.676845e-04	-4.432038e-04
## SPAC17C9.14	1.471179e-03	3.752744e-03	2.192175e-03	-1.436085e-03
## SPAC17C9.10	5.497713e-03	1.404444e-04	1.195883e-03	-5.380608e-04
## SPAC17C9.07	-2.957310e-03	-3.146015e-03	2.610911e-03	1.580518e-03
## SPAC17C9.05c	-1.471317e-03	7.022485e-05	3.450250e-04	9.731590e-04
## SPAC17C9.01c	9.246405e-04	-2.494486e-03	-2.175253e-03	-4.842426e-04
## SPAC1851.04c	-1.661364e-04	6.572267e-03	6.148223e-04	-7.817935e-04
## SPAC27D7.02c	1.782301e-03	2.033650e-03	-2.825282e-03	5.655092e-04
## SPNCRNA.993	-2.674390e-05	-8.437223e-05	-6.792434e-06	1.575372e-04
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	3.751364e-03	-1.007165e-02	-6.097741e-03	-1.031801e-02
## SPNCRNA.995	-1.952339e-04	-1.189172e-03	5.118572e-04	-2.507623e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	-4.222163e-04	1.121399e-03	6.764411e-05	1.307301e-03
## SPAC637.03	1.755488e-03	5.825774e-03	-3.018011e-03	1.220847e-03
## SPAC637.04	2.156775e-03	4.086405e-03	-6.640372e-03	-3.213833e-03
## SPAC637.05c	4.073021e-03	-5.342645e-03	-1.583052e-02	-2.640064e-04
## SPAC637.06	5.287603e-03	3.444761e-03	-9.662371e-03	-8.467371e-03
## SPAC637.09	-2.052894e-03	-1.195086e-02	1.222962e-03	4.133174e-03
## SPNCRNA.999	1.166589e-04	5.593227e-04	-2.096664e-04	-1.575920e-04
## SPAC637.11	1.024570e-03	5.018229e-03	-1.469020e-03	4.710839e-04
## SPAC637.12c	-4.032682e-04	-1.897557e-03	-3.655254e-03	3.268183e-03
## SPNCRNA.1000	-2.694998e-04	6.745303e-04	4.687625e-04	-7.506932e-04
## SPAC637.13c	-2.105977e-03	-4.796477e-03	-2.573755e-03	4.555019e-03
## SPNCRNA.249	2.439012e-04	6.669128e-04	3.834029e-04	-2.252948e-04
## SPAC31F12.01	-9.834908e-04	6.670088e-03	-3.971514e-03	-8.272926e-03
## SPAC12B10.02c	3.779258e-03	-5.163580e-03	-3.221302e-03	-2.823244e-04
## SPAC12B10.03	1.862673e-03	1.882064e-03	-3.744331e-03	-3.037271e-03
## SPNCRNA.1001	3.463335e-04	6.687825e-05	-1.890147e-04	3.270267e-04
## SPAC12B10.04	-8.584978e-04	-7.928631e-03	-8.861667e-03	3.273232e-03
## SPAC12B10.07	2.026221e-03	1.741154e-03	7.811076e-03	7.529976e-03
## SPAC12B10.08c	-3.644958e-03	-6.226176e-04	-9.804729e-04	-1.050258e-04
## SPAC12B10.09	-1.385658e-03	-2.997671e-03	-6.572588e-03	-4.874217e-04
## SPAC12B10.10	-2.517402e-03	-3.041989e-04	-2.656656e-03	1.230201e-03
## SPNCRNA.1003	-4.191867e-04	4.219451e-04	4.175922e-05	7.148725e-05
## SPAC12B10.15c	-4.148275e-04	8.643235e-04	1.502829e-03	3.098916e-04
## SPNCRNA.1004	2.151824e-03	6.361212e-04	-2.935823e-04	4.456434e-04
## SPAC1093.07	4.298857e-04	-2.291394e-05	-1.849826e-04	5.838130e-04
## SPAC1093.01	-4.697260e-03	-8.125895e-04	-1.578387e-02	1.396728e-02
## SPAC1093.02	1.537019e-03	-3.283787e-03	2.457002e-03	-3.044957e-03
## SPAC1093.03	-2.735869e-04	6.925263e-03	-1.539043e-03	-3.999174e-05
## SPAC1093.04c	1.478284e-03	-2.685540e-03	-3.441352e-03	-1.041202e-03
## SPAC1093.06c	-5.280456e-03	9.538519e-04	-5.801052e-03	-6.972159e-03
## SPNCRNA.1006	-3.964867e-04	-6.580020e-05	-1.627720e-05	-5.423304e-04
## SPAC30C2.02	9.867937e-04	-2.711524e-03	-5.648154e-03	-4.563766e-04
## SPAC30C2.04	-7.041810e-03	-1.235900e-02	-8.196628e-03	-2.437341e-02
## SPAC30C2.05	-1.113005e-03	8.326031e-03	7.683005e-04	1.279985e-03
## SPAC30C2.07	-6.266186e-03	7.584129e-03	-4.906413e-03	-1.007523e-03
## SPNCRNA.1008	-2.624700e-04	7.355153e-04	-1.907762e-04	6.795941e-04
## SPAC1635.01	-6.674024e-03	1.648480e-03	7.526171e-03	5.935001e-03

## SPNCRNA.1009	-2.807654e-04	-1.136298e-05	1.278155e-04	3.401673e-04
## SPAC144.02	7.260464e-03	-4.017214e-03	-3.401200e-03	-1.612839e-03
## SPAC144.03	1.030180e-03	-2.701716e-03	9.353391e-03	-1.207772e-02
## SPAC144.04c	-4.641432e-03	-7.939662e-03	-1.266216e-02	2.101060e-03
## SPAC144.05	2.288172e-03	-3.234275e-03	-8.814870e-03	9.886147e-04
## SPAC144.10c	-4.992314e-03	5.925493e-03	6.795843e-03	9.200847e-04
## SPNCRNA.1013	-4.339862e-04	5.652512e-04	6.846859e-04	-2.776919e-04
## SPNCRNA.1014	1.409404e-04	-9.159047e-04	-3.979733e-04	9.421348e-04
## SPAC144.12	-1.163330e-02	-1.287878e-04	-2.525492e-06	-1.187434e-02
## SPAC144.13c	-2.166417e-03	2.180471e-03	-2.017178e-03	4.664760e-03
## SPAC144.16	1.729342e-03	-2.202696e-03	-2.846558e-03	-3.005062e-03
## SPNCRNA.1016	-2.342977e-04	-3.541398e-04	-1.358507e-03	-6.581518e-04
## SPNCRNA.1017	-1.688879e-04	-1.315047e-04	1.898042e-04	3.346813e-05
## SPAC1834.03c	3.988857e-02	-1.575304e-02	1.546936e-02	-2.636025e-02
## SPAC1834.04	2.302858e-02	-5.374614e-03	-2.898933e-02	-2.739862e-02
## SPAC1834.05	-5.310811e-04	2.786946e-03	-9.882842e-04	1.138804e-02
## SPAC1834.08	1.092237e-03	-1.404818e-03	-1.114104e-02	1.565705e-04
## SPATRNATHR.05	4.402572e-04	2.038066e-03	-4.292873e-03	2.007439e-03
## SPAC1834.10c	-1.584348e-03	-1.357648e-03	2.494171e-03	1.122783e-03
## SPAC1834.13	2.656193e-05	1.587747e-04	-1.840994e-04	1.214408e-04
## SPAC17D4.01	-9.909386e-03	-1.000512e-02	-1.395870e-02	-1.392106e-02
## SPAC17D4.02	-6.987886e-04	1.564649e-03	-4.325777e-05	-4.193556e-05
## SPAC17D4.04	-4.700022e-03	1.626047e-03	-5.365476e-03	-2.844480e-03
## SPAC458.02c	3.093191e-03	-2.143492e-03	-2.296159e-03	-6.060205e-03
## SPNCRNA.1019	-1.306121e-03	-1.480739e-03	5.296825e-05	1.453094e-03
## SPAC458.03	-1.362922e-03	1.413891e-03	-1.815826e-03	-2.421192e-03
## SPNCRNA.1020	2.091005e-04	1.742066e-04	-6.802644e-04	2.531865e-04
## SPAC458.07	-1.584151e-03	-1.420560e-04	-1.591076e-03	-2.278761e-03
## SPAPYUG7.02c	2.890779e-04	5.446537e-03	3.323047e-04	-9.868953e-04
## SPNCRNA.1022	-7.339321e-05	7.187154e-04	1.258666e-03	2.687143e-04
## SPAC1782.01	3.037718e-03	-1.674021e-02	-1.344888e-02	1.640049e-02
## SPAC1782.03	-7.889822e-04	4.992822e-04	-1.439611e-03	1.467437e-03
## SPAC1782.06c	-3.939461e-03	5.324456e-03	9.732177e-03	5.618915e-04
## SPNCRNA.1023	-1.246168e-05	-7.057728e-04	1.345965e-05	1.936309e-03
## SPAC1782.09c	9.652374e-06	1.162845e-04	1.211758e-03	4.731138e-03
## SPAC1782.10c	-4.088913e-03	4.940940e-03	-1.852058e-03	1.450870e-02
## SPAC1782.11	-4.768953e-03	1.966846e-02	7.868785e-03	1.095934e-03
## SPAC11H11.02c	-1.379731e-04	-8.034711e-04	9.204989e-04	8.717992e-04
## SPAC11H11.01	-1.661146e-03	-1.501507e-03	-7.420630e-04	1.085346e-03
## SPAC11H11.03c	-2.137632e-03	8.258491e-04	-6.711478e-04	-1.036896e-03
## SPAC11H11.04	-7.342824e-04	-3.104984e-04	-3.573000e-04	6.676972e-04
## SPAC11H11.06	-8.092370e-03	2.923517e-03	-4.297770e-03	1.052637e-02
## SPAC22F8.03c	-2.311439e-04	-3.022102e-05	-1.462197e-04	-1.011834e-05
## SPAC22F8.07c	6.279430e-04	1.289343e-03	-2.489404e-05	5.032143e-04
## SPAC22F8.08	-2.059710e-03	-1.463804e-02	-1.344875e-02	-3.651509e-03
## SPAC22F8.11	-2.818681e-03	-1.542891e-03	-7.780265e-03	1.724730e-03
## SPAC22F8.12c	7.807355e-04	-3.049106e-03	-3.024987e-05	-1.382595e-03
## SPAC20G4.02c	-1.104987e-03	3.196372e-03	-2.053700e-03	6.092882e-04
## SPAC20G4.03c	-9.917190e-04	1.759170e-03	-4.244639e-03	-1.231202e-03
## SPAC20G4.04c	-5.437312e-04	9.753356e-04	-9.232496e-05	-1.008525e-03
## SPNCRNA.1027	-3.611664e-04	-1.438890e-03	5.444773e-04	-3.068333e-04
## SPAC20G4.09	4.239884e-04	-8.169223e-05	8.636610e-05	7.552355e-04
## SPAC20G4.07c	1.216333e-03	-2.193092e-03	-3.418941e-03	-3.348646e-03
## SPAC4F10.03c	-4.855229e-03	-7.737559e-04	-8.204208e-04	9.462495e-04

## SPAC4F10.04	2.420804e-03	7.849669e-04	-4.718912e-04	-2.787248e-03
## SPNCRNA.1028	-8.514476e-04	-1.292689e-03	-3.085089e-05	-1.947015e-04
## SPAC4F10.08	8.808767e-05	-1.036811e-03	-2.102432e-04	-6.037547e-04
## SPAC4F10.12	-3.418153e-03	-2.099379e-03	1.761912e-03	1.478839e-03
## SPAC4F10.13c	-2.611896e-03	2.267257e-03	-5.531058e-03	1.271613e-02
## SPNCRNA.1030	1.005081e-04	-4.506805e-04	-1.481094e-05	4.340736e-04
## SPAC4F10.15c	-1.459649e-03	3.278570e-03	-1.297984e-03	2.347970e-03
## SPAC4F10.16c	-5.430643e-03	6.779985e-03	-4.913034e-03	4.333936e-03
## SPAC4F10.18	-1.985629e-03	2.965212e-04	-1.914586e-03	2.373421e-03
## SPAC4F10.19c	-2.047789e-03	-6.460065e-04	-5.420592e-04	-1.037814e-03
## SPAC19B12.01	-7.292193e-03	4.449023e-03	-4.797608e-03	-4.293057e-03
## SPNCRNA.255	2.019349e-04	-6.852600e-05	-2.112058e-04	8.463646e-05
## SPAC19B12.03	-1.063949e-02	2.047284e-02	-1.907443e-02	-8.815587e-03
## SPNCRNA.1034	-6.128197e-04	-1.001727e-03	-2.540260e-04	-3.629247e-04
## SPAC19B12.04	2.893456e-04	1.320190e-02	-3.525207e-02	4.270575e-03
## SPAC19B12.07c	-2.006403e-04	-1.222615e-06	-8.527586e-04	6.088043e-04
## SPAC19B12.10	-1.635447e-03	6.532841e-04	-5.434281e-04	3.600050e-03
## SPAC19B12.12c	-5.811394e-05	1.793193e-03	-7.993257e-05	-4.918624e-04
## SPAC19B12.13	2.675626e-04	8.433865e-04	-9.500899e-05	-2.109136e-04
## SPNCRNA.1035	4.729442e-04	-3.219842e-04	-2.538253e-04	-2.951658e-04
## SPAPB8E5.04c	1.235321e-03	-7.659846e-04	-6.409234e-03	2.815490e-03
## SPAPB8E5.06c	-5.754109e-03	7.965280e-03	-1.095972e-02	1.419382e-03
## SPAC1B3.01c	1.058207e-02	8.167126e-03	5.124588e-03	5.337043e-03
## SPAC1B3.02c	3.263569e-04	4.594566e-05	-6.742369e-03	1.922820e-03
## SPNCRNA.1036	1.728514e-04	-5.650517e-04	-1.556314e-04	-7.492738e-05
## SPAC1B3.03c	2.423664e-02	-2.084157e-02	9.235217e-03	-1.545657e-03
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	2.853909e-05	2.211704e-04	2.601790e-04	-3.618813e-04
## SPNCRNA.1038	-1.994238e-02	3.574609e-02	1.299706e-02	4.742059e-03
## SPAC1B3.07c	2.933674e-04	4.784393e-03	6.876407e-04	1.112065e-03
## SPAC1B3.08	1.799946e-03	3.701013e-03	-1.269972e-03	-1.799558e-03
## SPAC1B3.10c	-2.043983e-03	9.814837e-04	-4.692150e-03	6.330792e-03
## SPAC1B3.11c	-3.605201e-04	-1.149573e-03	-3.660658e-03	1.150701e-04
## SPAC1B3.20	-3.877615e-05	-1.313026e-04	-4.935452e-04	-1.228415e-03
## SPAC1B3.13	3.709254e-03	4.270900e-03	-1.639017e-02	1.096913e-03
## SPAC1B3.15c	-3.141254e-04	9.303729e-04	1.059237e-04	1.602027e-03
## SPAC1B3.16c	-6.061264e-02	3.927564e-02	1.367014e-02	1.997694e-02
## SPNCRNA.1039	4.459193e-05	5.674218e-04	-3.939843e-05	1.501811e-04
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	-5.947115e-04	1.081270e-03	-6.186536e-03	2.054305e-03
## SPAC1952.05	-1.005741e-03	9.612235e-03	-4.062744e-05	5.563284e-03
## SPAC1952.06c	-5.141745e-03	6.948620e-04	1.461214e-03	-1.541002e-03
## SPAC1952.08c	-1.307895e-04	9.381434e-04	-9.055964e-04	2.145887e-03
## SPAC1952.11c	-1.897938e-03	5.179707e-03	3.836621e-04	-1.146944e-02
## SPAC1952.13	-1.291335e-03	-6.442017e-04	8.814185e-04	2.502285e-03
## SPAC1952.14c	-1.057854e-03	-3.633789e-03	-1.264910e-04	3.819167e-04
## SPAC1952.15c	4.845255e-04	7.265733e-04	4.277134e-04	-9.097134e-04
## SPAC890.02c	7.236738e-04	-1.930597e-03	-2.137092e-03	1.298275e-03
## SPAC890.05	-1.695712e-03	1.904434e-03	-7.958630e-04	9.429775e-04
## SPAC890.07c	-1.125039e-03	-3.336800e-03	4.712190e-03	-7.517789e-03
## SPAC890.08	1.860278e-02	3.371208e-02	5.637286e-02	3.538555e-02
## SPNCRNA.258	2.661710e-04	-8.226892e-05	-1.016863e-04	-2.278427e-04
## SPAC22E12.01	-3.540738e-06	-9.646620e-04	-1.533860e-03	-5.791293e-04
## SPAC22E12.02	3.977174e-04	1.659474e-03	1.438482e-03	-1.530228e-03

## SPAC22E12.03c	-1.290183e-04	2.668187e-03	-4.288284e-04	-4.075567e-03
## SPAC22E12.05c	6.269970e-03	8.013328e-03	-9.431923e-03	-5.600928e-03
## SPAC22E12.06c	-1.911978e-04	-1.003340e-03	-2.059260e-03	-1.815779e-03
## SPAC22E12.07	1.414407e-03	-4.337321e-03	8.640078e-03	2.438122e-04
## SPAC22E12.08	7.563839e-04	1.153838e-03	-1.216163e-03	7.414077e-05
## SPAC22E12.11c	4.531297e-03	-1.106189e-03	-5.878473e-03	-4.004971e-04
## SPAC22E12.14c	-8.294611e-03	8.322426e-03	-1.030539e-02	-8.114344e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	2.325900e-04	-1.426127e-03	-1.537071e-03	5.498636e-04
## SPAC1006.05c	-5.269208e-03	-2.399815e-03	-3.939490e-03	8.923381e-04
## SPAC1006.06	1.272066e-03	-8.993747e-03	-5.201456e-03	-1.787530e-03
## SPAC1006.07	4.902732e-03	6.156851e-02	-1.882587e-02	-6.157261e-02
## SPAC1006.08	-1.556286e-03	1.982957e-03	3.942908e-03	-1.696847e-03
## SPAC1006.09	-1.045752e-03	1.866226e-03	-7.335605e-03	-8.685431e-04
## SPAC1250.05	2.632380e-03	-3.227075e-03	5.635336e-03	2.579430e-03
## SPAC1250.04c	-1.021989e-03	9.091602e-04	-1.660097e-04	8.904243e-04
## SPAC1250.03	1.859113e-04	1.377159e-03	-8.613023e-04	1.306968e-03
## SPAC1250.02	-7.190890e-06	3.173788e-04	-1.985461e-04	2.849449e-04
## SPNCRNA.1046	4.782390e-05	3.705890e-05	2.149106e-04	7.846108e-05
## SPAC29A4.20	-6.310918e-03	-3.962072e-03	1.472018e-03	6.322343e-03
## SPAC29A4.19c	5.352624e-04	5.759762e-03	-1.883757e-03	5.353801e-04
## SPAC29A4.17c	2.285458e-04	3.957691e-04	5.415893e-04	-1.679023e-05
## SPAC29A4.16	-8.969328e-03	-3.326831e-03	-5.445152e-03	9.346520e-03
## SPAC29A4.15	9.903057e-03	-9.785261e-03	1.946817e-03	1.675103e-04
## SPNCRNA.1047	-3.619695e-04	1.348440e-04	-3.413680e-04	-2.047678e-04
## SPAC29A4.12c	1.529626e-04	-3.173965e-05	-1.082538e-04	-7.363237e-04
## SPAC29A4.09	-2.781645e-03	-3.552124e-03	7.010417e-04	4.240171e-03
## SPAC29A4.08c	6.963072e-04	-7.544570e-03	-5.872636e-03	1.037595e-03
## SPAC29A4.07	1.161651e-03	-1.469345e-03	-1.514930e-03	1.335311e-03
## SPAC29A4.06c	-8.526879e-04	2.061482e-04	7.710721e-04	-3.412559e-04
## SPAC29A4.04c	1.956206e-02	4.811196e-03	5.858544e-03	-2.990084e-05
## SPAC29A4.02c	-3.320499e-03	1.320227e-03	-1.419836e-02	-2.542339e-02
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-2.306189e-03	-2.216021e-03	-1.982125e-03	2.283307e-03
## SPSNORNA.16	8.913815e-03	3.159214e-02	-1.034202e-02	-4.712074e-02
## SPAC26F1.13c	1.215965e-03	5.034819e-02	-1.973969e-02	-3.032163e-02
## SPAC26F1.11	-2.100518e-04	-1.717182e-03	8.642140e-05	7.831881e-04
## SPAC26F1.07	-1.874163e-02	-3.894720e-04	6.562226e-02	-9.571564e-03
## SPAC26F1.05	-1.209179e-03	-3.624096e-03	7.910564e-04	6.902771e-04
## SPNCRNA.1056	-1.622223e-04	-9.379646e-04	-4.713493e-04	-5.217448e-04
## SPAC26F1.04c	-4.222262e-03	7.616778e-03	1.087894e-03	5.288517e-04
## SPAC26F1.03	-6.165181e-03	-1.135185e-02	-8.199254e-03	-9.846892e-05
## SPAC26F1.01	4.086442e-04	-1.669326e-04	1.452366e-03	-1.834933e-03
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-2.118692e-04	-5.345042e-04	-9.776526e-04	-3.515163e-05
## SPAC19D5.01	-3.999561e-03	-1.411411e-02	2.574721e-02	2.311431e-02
## SPAC19D5.02c	1.694922e-03	1.683944e-03	-1.037818e-03	-1.022582e-03
## SPAC19D5.04	-5.140255e-03	1.419825e-03	-2.409520e-02	-1.259652e-03
## SPAC19D5.05c	1.159270e-03	1.515127e-03	-5.098025e-04	-6.772027e-04
## SPAC19D5.11c	-3.816737e-04	1.197013e-03	6.070781e-04	1.122429e-04
## SPNCRNA.1060	1.837050e-04	-1.629843e-03	-3.164934e-04	-2.496692e-04
## SPAC14C4.01c	1.692352e-04	4.058911e-04	2.704790e-03	3.739592e-03
## SPAC19D5.07	-2.791453e-04	-2.644145e-04	1.136658e-03	7.856698e-04

## SPNCRNA.1062	-2.022917e-04	-1.437977e-04	-4.122747e-04	9.031820e-05
## SPAC14C4.03	1.061229e-04	8.617728e-04	1.950088e-04	-1.337249e-04
## SPAC14C4.04	1.269131e-03	-7.847268e-03	-6.675251e-04	1.528824e-03
## SPAC14C4.05c	4.173161e-04	1.721560e-03	1.673573e-04	-8.008285e-04
## SPAC14C4.07	9.953998e-04	7.053416e-03	-1.822083e-04	-2.954228e-03
## SPAC14C4.08	8.986837e-04	-2.268859e-04	4.693161e-04	4.657809e-04
## SPAC14C4.09	-2.454852e-03	4.440559e-03	-5.719528e-03	-7.946092e-03
## SPAC14C4.10c	-1.062277e-04	2.061772e-03	3.402657e-03	-3.267217e-04
## SPAC14C4.11	4.773419e-03	3.306001e-04	-7.891042e-03	4.624520e-03
## SPNCRNA.261	4.060986e-05	1.010805e-04	-4.349553e-04	-4.358076e-04
## SPAC14C4.13	5.500421e-04	8.833132e-04	-4.703712e-03	-1.200081e-03
## SPAC14C4.14	1.058360e-02	4.591209e-03	-2.018062e-02	1.629914e-02
## SPAC14C4.15c	4.371925e-04	-5.208999e-04	-1.497621e-03	1.704869e-03
## SPAPJ760.03c	-8.226474e-04	-6.549359e-03	-9.364491e-04	-8.046846e-03
## SPNCRNA.1064	1.026294e-04	-2.068523e-05	6.507398e-05	-7.559294e-04
## SPAC2H10.02c	-2.822472e-04	3.467391e-03	9.403667e-04	-4.085095e-04
## SPAC11E3.03	1.810155e-03	-1.311608e-03	3.505710e-04	-8.141581e-04
## SPAC11E3.04c	-2.730146e-03	-3.112598e-03	-4.295489e-04	3.563948e-04
## SPAC11E3.07	-5.856027e-03	-1.882035e-03	-1.130550e-03	-4.914027e-03
## SPAC11E3.08c	1.541384e-03	5.955001e-04	1.732856e-03	3.719835e-04
## SPAC11E3.12	-1.063145e-03	-1.374866e-03	-1.241856e-03	-1.264241e-03
## SPAC11E3.13c	-4.474963e-03	1.981952e-03	3.416971e-03	-3.043425e-03
## SPNCRNA.1068	7.561712e-05	-5.020888e-04	-5.531257e-04	-5.209289e-06
## SPAC11E3.15	4.153270e-05	-3.114739e-02	2.198675e-02	3.277968e-02
## SPNCRNA.1070	3.434772e-04	8.251234e-04	-5.882010e-04	-2.788138e-04
## SPAP8A3.05	-2.993418e-03	1.430572e-03	2.645822e-03	-4.607351e-04
## SPAP8A3.06	-1.660006e-05	-2.498831e-03	6.552552e-03	5.718289e-04
## SPNCRNA.525	6.747214e-04	5.157264e-04	4.422960e-05	4.172296e-04
## SPNCRNA.1073	1.119921e-04	-4.947087e-04	-7.268811e-04	1.758966e-03
## SPAP8A3.10	5.269785e-06	-3.763870e-03	2.048288e-03	2.408269e-04
## SPAP8A3.12c	-8.049195e-03	-9.582645e-03	-6.107804e-03	4.802611e-03
## SPAP8A3.13c	4.189742e-03	-3.458285e-04	1.262744e-04	-1.597863e-03
## SPAC4D7.01c	-1.020745e-02	3.513737e-03	-5.941597e-03	7.189178e-03
## SPNCRNA.1075	-5.037629e-05	-1.890576e-04	-5.821323e-04	-8.543830e-05
## SPAC4D7.04c	-5.039112e-03	-1.072112e-02	2.004212e-03	9.627894e-04
## SPAC4D7.05	-1.657721e-02	-2.769266e-03	9.935742e-04	-2.820987e-02
## SPAC4D7.06c	2.461565e-03	2.438261e-03	-1.883497e-03	-2.783742e-03
## SPNCRNA.1077	8.308816e-04	-5.039612e-04	-8.525520e-04	1.063681e-05
## SPAC4D7.07c	-1.204352e-03	-1.347479e-03	-5.389585e-04	5.365763e-03
## SPAC4D7.08c	-1.053692e-02	9.857296e-03	-2.496398e-02	1.005450e-03
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	-2.957092e-05	1.314056e-04	-1.136365e-04	-4.285964e-05
## SPAC4D7.09	-4.669394e-03	-1.145489e-02	-9.556088e-03	1.242179e-03
## SPAC4D7.14	2.686428e-04	-6.612673e-05	-6.231447e-04	2.118655e-05
## SPAC3G6.04	3.064358e-04	3.415888e-03	-4.541322e-04	1.483960e-03
## SPAC3G6.06c	5.007868e-05	-1.703071e-03	-1.193871e-03	-9.702424e-04
## SPAC3G6.07	-6.865245e-05	-8.260184e-04	-1.489777e-04	1.220427e-03
## SPAC3G6.11	-7.143705e-04	2.364710e-03	-5.042289e-03	5.044497e-04
## SPAC3G6.13c	-6.149662e-02	-3.514034e-02	8.586942e-02	1.628695e-02
## SPNCRNA.267	1.950118e-04	-3.684722e-05	-1.296220e-04	-1.618982e-04
## SPAC29B12.02c	-5.811108e-03	3.729044e-03	-1.422230e-02	5.068227e-03
## SPAC29B12.04	1.338699e-02	1.491611e-02	9.373432e-03	-4.074858e-02
## SPAC29B12.05c	-1.628388e-03	4.566353e-04	-1.116926e-03	-6.413847e-04
## SPNCRNA.1081	2.032001e-03	2.576674e-03	-3.911891e-04	-1.511795e-03

## SPAC29B12.06c	-9.928457e-04	7.269162e-04	-1.555152e-03	-9.586121e-04
## SPAC29B12.07	-2.188104e-03	5.073239e-03	-6.232565e-03	-7.357170e-03
## SPNCRNA.1082	3.628170e-04	9.937021e-04	-8.659315e-04	-1.553450e-04
## SPNCRNA.270	-5.347494e-05	1.295246e-04	1.150588e-05	4.003919e-05
## SPAC29B12.08	1.354280e-03	2.438953e-03	-2.660397e-03	-1.956352e-03
## SPAC29B12.10c	-1.006917e-02	5.702815e-03	-1.196559e-03	3.529806e-03
## SPAC29B12.11c	-2.791321e-03	-8.099475e-04	1.317938e-03	-4.916340e-04
## SPATRNASER.04	-2.775341e-03	7.313995e-03	-1.662258e-04	6.076321e-03
## SPAC29B12.13	-3.820274e-05	-3.079756e-03	-1.315921e-03	1.124052e-03
## SPNCRNA.271	4.311141e-05	-1.308590e-04	9.796351e-05	5.647656e-05
## SPNCRNA.272	-1.206684e-04	-1.345261e-04	-7.895812e-05	-9.665068e-05
## SPAC1039.01	1.154812e-03	-2.543442e-05	-7.014895e-03	-1.921939e-03
## SPAC1039.02	3.586885e-02	1.269640e-02	-2.683296e-02	-1.728946e-02
## SPAC1039.03	3.763366e-03	2.211784e-03	1.330370e-03	-9.828045e-04
## SPAC1039.05c	1.717394e-03	2.768041e-03	-2.282690e-03	-1.959741e-04
## SPNCRNA.1084	3.116112e-04	-8.814406e-05	2.419343e-05	-8.006342e-05
## SPAC1039.06	2.353914e-03	-1.529647e-05	-2.134437e-03	5.042939e-04
## SPNCRNA.1085	-7.521011e-05	1.603339e-04	2.076979e-05	-1.238714e-05
## SPAC1039.08	-2.617528e-04	-6.099196e-04	1.342966e-03	-1.222681e-03
## SPNCRNA.1086	-3.785788e-04	-2.123982e-04	-6.167670e-04	2.080266e-05
## SPNCRNA.275	1.517382e-05	1.941362e-05	-6.693361e-06	1.162245e-04
## SPAC1039.09	-2.075849e-04	1.174861e-03	-2.206147e-03	-1.817634e-03
## SPAC1039.11c	-9.789737e-04	4.829186e-04	8.282035e-04	1.174984e-04
## SPNCRNA.1087	-1.754814e-03	1.178591e-04	-3.460891e-03	-1.045098e-03
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-6.654854e-04	9.954137e-04	-4.116261e-04	1.493826e-04
## SPNCRNA.1089	1.219393e-04	-1.398118e-04	-1.906325e-04	-4.419215e-04
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-2.558707e-03	2.258872e-03	4.495232e-03	3.165153e-02
## SPNCRNA.278	-4.100881e-04	-2.844312e-04	6.355429e-05	4.204911e-04
## SPAC922.06	-6.156985e-04	7.189708e-04	-3.371882e-03	8.849045e-04
## SPAC922.07c	-6.049710e-04	-2.648711e-03	-8.849847e-04	2.217759e-03
## SPNCRNA.1090	-1.349300e-04	-8.389844e-04	7.045044e-05	4.891651e-04
## SPNCRNA.1091	7.192308e-04	2.757430e-04	-1.133094e-03	-3.453850e-04
## SPNCRNA.1093	-4.136843e-05	2.374538e-05	-1.726559e-04	-1.323753e-04
## SPAC869.06c	3.958357e-04	2.545454e-04	8.189624e-04	3.784284e-04
## SPNCRNA.279	2.447065e-05	-3.609902e-05	7.354873e-05	2.174278e-05
## SPAC869.05c	1.680290e-03	-4.572729e-03	2.665192e-04	4.405584e-04
## SPAC869.04	-1.154056e-04	-7.756920e-05	8.048155e-05	-9.045253e-06
## SPAC869.03c	-9.041683e-05	-8.587446e-05	-1.425683e-04	2.014889e-04
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	-9.213639e-05	1.912143e-06	-1.097011e-04	1.143784e-04
## SPAC869.02c	1.640266e-03	3.583453e-03	1.055817e-03	3.923155e-03
## SPAC869.01	-3.200423e-04	1.459354e-06	-1.146019e-04	5.597908e-04
## SPAC186.01	-2.073674e-04	-1.667624e-03	-5.843312e-04	-1.202141e-04
## SPNCRNA.96	2.404142e-05	3.227485e-06	-2.418145e-05	-1.981536e-06
## SPAC186.03	-4.348912e-05	-8.073063e-06	-2.590664e-04	-7.176116e-05
## SPAC186.04c	6.994647e-05	-5.074731e-05	-2.808231e-04	-9.838779e-05
## SPAC186.06	3.261908e-04	1.317529e-04	-7.371605e-04	2.415500e-04
## SPNCRNA.310	-2.710027e-06	6.131497e-06	8.074117e-06	-8.409410e-06
## SPAC750.01	-4.363321e-04	2.695211e-03	2.067709e-03	-1.117184e-04
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	2.290912e-04	1.068106e-05	-3.048900e-05	1.661265e-04
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC212.10	-2.488411e-04	1.252789e-05	-1.097914e-04	-1.602507e-04
## SPAC212.08c	-3.567930e-04	4.096840e-04	-1.946531e-04	-5.521564e-04
## SPAC212.07c	-2.975827e-04	7.562520e-04	1.730609e-04	6.111895e-05
## SPAC212.06c	1.749863e-04	1.188323e-04	-2.111522e-04	2.485389e-04
## SPAC212.05c	9.264762e-05	3.872853e-05	-1.465320e-06	5.053226e-05
## SPAC977.01	-1.966319e-04	-1.245589e-04	-8.083286e-05	3.147612e-04
## SPAC977.18	-6.655311e-05	-1.636420e-05	-3.664716e-05	-2.812077e-05
## SPAC977.02	7.011489e-07	-2.172697e-05	-1.598211e-04	-8.658473e-05
## SPAC977.06	6.779550e-05	8.257170e-05	1.687945e-04	1.155105e-04
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	-8.717107e-04	-3.051999e-04	-3.279996e-04	3.304279e-04
## SPAC977.10	-3.337993e-04	-1.401582e-03	-3.492607e-03	6.505033e-03
## SPAC977.12	-4.674833e-03	5.221012e-03	8.506821e-04	4.437335e-03
## SPAC977.14c	3.275700e-03	9.480377e-03	1.563264e-02	1.337925e-02
## SPAC977.17	3.551075e-03	-3.484967e-03	-1.687348e-03	7.321301e-04
## SPNCRNA.137	-1.158596e-04	-2.233781e-04	1.494270e-04	-3.148818e-05
## SPNCRNA.83	-1.310367e-03	1.088091e-04	-2.273438e-04	1.455359e-03
## SPAPJ695.02	5.301456e-04	1.593084e-04	-7.457285e-04	-9.384597e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-3.072922e-05	5.567174e-04	-4.661643e-04	2.000774e-04
## SPAC1F8.02c	-1.084065e-04	5.415289e-05	-1.326383e-04	4.443610e-05
## SPAC1F8.03c	1.081147e-02	1.010636e-02	6.150746e-04	1.400503e-02
## SPNCRNA.604	-6.711135e-04	-1.358461e-03	2.133309e-04	6.593466e-04
## SPNCRNA.139	-9.352974e-06	-1.424978e-06	-1.659003e-05	-9.917989e-07
## SPNCRNA.605	1.513223e-03	-2.949381e-03	-6.753482e-04	1.361373e-03
## SPAC1F8.04c	-6.283520e-05	3.191187e-04	1.920924e-04	1.031547e-03
## SPNCRNA.606	4.232007e-04	1.391815e-03	8.715841e-04	-3.379120e-04
## SPAC1F8.05	3.961337e-04	7.749978e-04	-4.741244e-04	1.536919e-03
## SPAC1F8.07c	7.839470e-04	-6.133362e-02	-1.222947e-01	5.055956e-04
## SPAC11D3.04c	-3.364782e-03	5.632812e-03	2.321158e-03	8.076483e-04
## SPAC11D3.06	-2.375019e-03	4.292746e-03	2.203064e-04	1.449745e-04
## SPAC11D3.09	-2.907981e-04	-1.306005e-04	-4.623764e-04	7.033773e-04
## SPAC11D3.10	-8.136384e-04	5.734652e-04	-1.014225e-03	-1.013500e-03
## SPAC11D3.13	-5.258384e-03	-1.316810e-03	-6.630791e-03	-1.632309e-03
## SPAC11D3.15	-3.415957e-03	-3.662766e-03	-1.130289e-02	-4.307885e-04
## SPAC11D3.17	4.674864e-04	1.453575e-03	-9.116016e-04	-2.436670e-03
## SPNCRNA.611	-1.589810e-04	-4.856976e-04	-1.154965e-03	2.152629e-03
## SPAC5H10.02c	-9.855053e-04	-1.229276e-03	9.610731e-04	4.518227e-04
## SPNCRNA.613	-1.182992e-05	5.960188e-04	5.424719e-04	-4.690778e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	1.110353e-03	1.525711e-03	-1.678333e-03	-1.425127e-03
## SPAC5H10.07	-2.023013e-03	1.447837e-03	1.167285e-04	-8.339949e-04
## SPNCRNA.614	1.222035e-03	-9.847999e-04	4.032905e-04	-8.203252e-04
## SPNCRNA.615	1.585900e-04	6.386300e-05	-4.817955e-04	-2.273371e-04
## SPNCRNA.616	1.567353e-04	-9.221610e-04	-4.417858e-04	5.667314e-05
## SPAC13G6.02c	2.021106e-02	-9.597582e-02	-7.399754e-03	5.465464e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	2.546951e-03	-5.052113e-04	-3.002347e-03	-8.137872e-04
## SPAC13G6.05c	-8.672770e-04	-4.310636e-03	-4.514726e-04	3.627276e-04
## SPAC13G6.06c	-2.376078e-03	-4.828622e-03	-1.638355e-02	-3.400039e-03
## SPAC13G6.07c	6.173036e-02	-6.815840e-02	1.498041e-02	-1.848245e-02
## SPAC13G6.08	-7.540699e-04	3.199783e-04	2.724119e-05	-3.483958e-04
## SPNCRNA.619	2.282939e-03	8.386735e-04	-3.204849e-03	2.341323e-03
## SPAC13G6.09	-1.310027e-03	1.422491e-03	-1.011054e-03	1.826159e-03

## SPAC13G6.10c	-1.048734e-02	-3.682252e-03	-2.150345e-02	1.363826e-02
## SPAC13G6.11c	-5.112179e-03	7.324835e-03	1.067070e-03	-2.221887e-03
## SPAC13G6.12c	-6.737859e-04	4.840178e-03	5.781989e-03	5.017514e-03
## SPAC13G6.13	7.235354e-05	-4.070926e-05	2.563840e-05	1.761781e-05
## SPAC24B11.06c	-6.423716e-04	9.368939e-03	-2.173683e-03	-2.943392e-03
## SPNCRNA.622	-3.452438e-04	-3.541843e-03	-1.846166e-03	2.056109e-04
## SPAC24B11.07c	6.792503e-04	3.061319e-03	6.198788e-04	-2.391617e-03
## SPNCRNA.623	-5.726313e-04	1.711177e-03	-7.347896e-04	-1.450370e-03
## SPAC24B11.10c	-6.574376e-05	-2.246198e-03	-2.720711e-03	9.431593e-04
## SPAC24B11.14	7.541760e-04	-2.031783e-04	9.596034e-04	1.226119e-03
## SPAC24B11.13	-1.229270e-02	-2.261773e-03	2.375213e-03	3.879000e-05
## SPAC806.03c	4.958400e-03	7.830956e-03	-7.997864e-04	4.046871e-04
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	6.842907e-03	-3.560153e-04	-4.198169e-03	2.251152e-03
## SPAC806.05	-1.928332e-03	5.095209e-05	1.476892e-03	9.898282e-04
## SPNCRNA.629	3.286169e-04	1.376023e-03	1.757909e-03	-2.883096e-04
## SPAC806.08c	-2.883084e-03	1.058485e-03	1.505173e-03	2.800708e-03
## SPAC1639.01c	-5.903725e-03	-6.424527e-03	-3.555047e-03	1.303855e-02
## SPAC1639.02c	-3.794242e-03	4.663113e-03	-5.188262e-04	3.995285e-03
## SPNCRNA.631	-7.751437e-05	-2.525553e-05	-1.115205e-05	5.975131e-05
## SPAC1F5.10	3.709257e-03	6.492584e-04	-1.615445e-02	2.874184e-03
## SPNCRNA.634	-1.158669e-03	-1.200756e-03	2.660173e-04	-1.977295e-04
## SPAC1F5.09c	4.137579e-04	-7.532470e-04	2.726776e-04	-1.079395e-03
## SPAC1F5.08c	4.567434e-04	6.241387e-03	2.542564e-03	-6.156259e-04
## SPAC1F5.06	-1.529724e-03	-8.290285e-04	-4.202734e-03	-2.319111e-03
## SPAC1F5.05c	2.581745e-03	-3.107039e-05	-6.831211e-04	-3.385421e-04
## SPAC1F5.03c	-6.458462e-04	2.485431e-03	4.759234e-03	-2.422172e-06
## SPAC18B11.11	-2.662287e-03	3.305222e-03	-6.961548e-03	-5.749163e-03
## SPAC18B11.06	7.495455e-04	6.848397e-05	-4.826558e-03	-1.545153e-03
## SPAC18B11.05	2.455128e-04	-1.412802e-04	-9.971820e-04	2.252887e-04
## SPAC18B11.03c	2.716746e-03	-3.811743e-03	-1.156795e-03	1.817808e-03
## SPAC12G12.16c	1.019397e-03	2.158272e-03	1.314931e-03	-2.855906e-04
## SPAC12G12.13c	4.009057e-03	-4.777429e-04	-4.806064e-03	-2.188022e-04
## SPAC12G12.12	8.088354e-04	-4.559091e-03	3.740737e-03	4.887233e-03
## SPAC12G12.11c	-1.674911e-03	3.797272e-03	9.654954e-04	-3.079109e-04
## SPAC12G12.17	6.591836e-04	2.665920e-03	6.420509e-05	-9.652748e-05
## SPAC12G12.08	8.055193e-04	3.317435e-03	-5.215785e-03	-1.382087e-03
## SPAC12G12.07c	2.933184e-03	5.871066e-03	-3.485052e-03	-8.831546e-03
## SPAC12G12.05c	-1.714728e-03	6.477419e-03	6.173284e-03	7.411881e-04
## SPSNORNA.29	2.851887e-02	-1.206577e-02	1.600893e-03	-1.577525e-02
## SPAC12G12.04	-3.550849e-02	-2.749947e-02	-1.319616e-02	-4.699280e-02
## SPAC12G12.02	-2.542135e-03	-2.411827e-03	-1.789939e-03	5.638926e-03
## SPNCRNA.640	-3.112991e-04	-4.244037e-04	-1.432353e-04	-2.729691e-04
## SPAC12G12.01c	3.896969e-03	5.468795e-04	-1.368219e-02	-1.816684e-03
## SPAC630.04c	-1.466545e-03	1.183325e-03	1.995392e-04	-1.825020e-03
## SPAC630.03	-8.277394e-03	1.807622e-02	3.348750e-03	-1.572259e-03
## SPAC630.06c	4.827929e-04	2.276626e-03	4.174705e-03	4.549725e-03
## SPAC630.07c	-1.012424e-03	2.239139e-04	-2.966208e-03	1.328376e-03
## SPNCRNA.641	-3.150531e-04	2.570478e-05	2.079665e-04	-1.767803e-04
## SPAC630.08c	-1.797735e-03	-2.931428e-03	-8.800550e-03	-7.729920e-03
## SPNCRNA.642	-7.726582e-05	-9.467691e-04	-1.047154e-04	6.659808e-04
## SPAC630.09c	1.651588e-03	9.452423e-04	-8.646990e-04	-1.504010e-03

## SPAC630.10	1.109244e-03	4.617679e-04	2.635042e-03	2.584649e-03
## SPAC1751.03	-1.214798e-02	1.528329e-02	1.273734e-02	1.737996e-03
## SPAC31A2.05c	-2.885393e-03	2.500461e-03	-2.979135e-03	1.170128e-04
## SPAC31A2.08	-2.950878e-03	2.767453e-04	2.312935e-03	4.392292e-03
## SPAC31A2.10	1.044966e-03	1.430573e-03	-5.605159e-04	-2.009938e-03
## SPAC31A2.15c	2.150496e-03	1.814837e-03	-5.957843e-03	2.114522e-03
## SPAC13C5.02	-2.206452e-03	1.830068e-03	-1.709815e-03	-2.910692e-03
## SPAC13C5.03	1.379841e-03	1.808849e-03	1.667164e-04	-1.606001e-03
## SPSNORNA.01	-9.105788e-04	4.075334e-02	-2.680822e-03	-7.102523e-03
## SPNCRNA.646	1.986795e-03	1.024567e-03	2.916110e-03	-1.255773e-03
## SPAC13C5.07	3.020224e-02	-5.819472e-03	-2.159282e-02	-2.432852e-02
## SPNCRNA.647	-7.299143e-04	-3.193940e-04	2.055664e-04	6.877296e-04
## SPNCRNA.648	1.721840e-03	2.379460e-03	-2.372331e-04	1.249562e-03
## SPAC23E2.01	-8.011569e-04	5.082185e-03	-4.171677e-03	-8.798362e-03
## SPNCRNA.649	-5.985796e-04	-6.244212e-04	-7.042380e-05	-1.227494e-04
## SPAC23E2.03c	3.751606e-04	-1.081822e-03	-1.665104e-03	6.551015e-04
## SPNCRNA.650	-1.933837e-04	-5.729087e-05	-3.151506e-04	1.530512e-04
## SPAC24H6.13	-1.011991e-02	-1.543904e-03	-1.084655e-02	1.282151e-02
## SPNCRNA.651	-2.860749e-04	7.638225e-04	1.117588e-03	2.857245e-04
## SPAC24H6.10c	-1.279215e-02	-1.211555e-02	5.438630e-03	2.489652e-02
## SPAC24H6.08	-1.303606e-04	-2.352401e-03	-8.021541e-04	-1.720369e-03
## SPAC24H6.05	5.039620e-05	-3.976840e-03	-1.054813e-03	4.003168e-03
## SPAC24H6.03	-1.680956e-03	-1.274893e-03	-1.173026e-03	-4.108717e-05
## SPNCRNA.47	4.905068e-04	-8.704961e-05	-2.283628e-04	7.603109e-05
## SPAPB21F2.02	1.311534e-04	3.071001e-03	-1.573883e-02	-2.859510e-03
## SPAPB21F2.03	1.502716e-03	1.593461e-03	3.803017e-03	-1.136543e-03
## SPAC227.01c	-6.381907e-04	1.007725e-03	2.919248e-04	1.975827e-03
## SPAC227.02c	-5.987569e-05	4.580269e-03	3.670848e-04	-3.224120e-03
## SPAC227.03c	5.179076e-04	-1.978939e-03	2.355622e-03	-2.266237e-03
## SPNCRNA.656	-4.018056e-04	-7.858783e-06	8.158935e-04	1.099160e-03
## SPAC227.04	-3.782001e-04	2.288202e-03	1.376860e-04	6.366262e-04
## SPNCRNA.658	5.721877e-04	-8.612097e-04	1.045813e-04	1.973424e-04
## SPAC227.14	-2.904164e-04	-1.559964e-03	1.064957e-03	-4.471869e-03
## SPAC227.15	9.660341e-04	5.044075e-03	-7.979763e-03	-1.148743e-03
## SPNCRNA.659	1.215088e-05	-1.059980e-03	-9.926830e-04	5.512108e-05
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	2.610993e-03	-7.987793e-03	-1.296550e-04	5.045483e-03
## SPAC227.18	1.294224e-02	1.317856e-02	-2.783842e-03	-2.089460e-02
## SPAC2F7.02c	-5.049392e-06	1.116662e-03	-3.178434e-03	2.924308e-03
## SPAC2F7.03c	-4.618101e-03	2.071597e-03	-4.394699e-03	1.509977e-03
## SPAC2F7.05c	-3.503536e-03	-3.172156e-02	-1.104474e-02	-8.549296e-03
## SPAC2F7.06c	-2.845472e-04	1.489166e-04	-2.420945e-04	1.540938e-04
## SPAC2F7.07c	-6.767213e-03	1.045285e-03	-2.670995e-03	-1.727671e-03
## SPAC2F7.08c	3.266377e-05	3.333901e-03	-6.063938e-04	7.374407e-04
## SPAC2F7.09c	-3.995578e-03	-6.982613e-05	-2.240219e-04	-1.244774e-03
## SPAC2F7.10	1.590055e-03	1.652501e-03	-2.835892e-03	3.698522e-05
## SPAC2F7.11	-7.450877e-04	4.982169e-04	-6.242868e-03	-3.975177e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	4.661144e-03	7.956428e-04	-1.045125e-03	4.279752e-04
## SPAC2F7.16c	2.545943e-04	3.885096e-03	-8.881451e-03	7.284675e-03
## SPAC2F7.17	1.359620e-03	3.823524e-03	1.120281e-03	-7.967466e-04
## SPAC13A11.02c	-1.463104e-03	-1.022494e-03	5.690120e-03	-8.665825e-03
## SPNCRNA.155	4.232280e-05	1.341977e-04	8.944241e-05	5.175580e-05
## SPNCRNA.662	-1.720822e-04	1.881959e-04	-3.758539e-04	-6.554966e-05

## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-6.292728e-04	4.338504e-04	-5.348535e-04	9.389055e-04
## SPAC3H8.05c	-2.239501e-03	1.006838e-02	-9.025433e-03	1.265491e-03
## SPNCRNA.664	-1.399169e-04	1.588919e-04	2.031061e-04	-4.297584e-04
## SPNCRNA.665	1.968963e-04	6.013278e-05	2.116778e-04	-2.598538e-04
## SPAC3H8.06	1.234069e-03	4.283132e-03	-1.515308e-03	-5.346299e-04
## SPAC3H8.07c	-7.770910e-04	-8.254862e-04	-3.134528e-03	-4.604156e-03
## SPNCRNA.666	1.457272e-05	2.150338e-03	3.456712e-05	5.426651e-04
## SPAC3H8.09c	-4.605013e-03	2.513571e-03	-5.012689e-03	2.714048e-03
## SPAC1F3.07c	-2.035397e-05	-7.008781e-04	-9.544973e-04	-6.907259e-04
## SPNCRNA.668	5.547547e-05	1.787983e-03	6.177697e-04	6.015513e-04
## SPAC1F3.08c	6.086186e-05	2.194187e-05	4.758988e-05	-4.590785e-05
## SPAC1F3.09	-1.719073e-03	3.048868e-03	1.326724e-02	-4.143738e-03
## SPNCRNA.669	9.376759e-04	-3.375903e-04	3.570323e-04	-5.869911e-04
## SPAC1F3.10c	3.220886e-03	8.503684e-04	1.477657e-03	-3.111345e-03
## SPAC1D4.04	-3.255433e-03	3.960399e-03	-8.799514e-03	-1.547557e-02
## SPAC1D4.06c	-3.181586e-04	3.057338e-03	-1.183415e-03	-6.161797e-04
## SPAC1D4.08	-1.633799e-03	7.401649e-04	5.491211e-04	1.865371e-03
## SPAC1D4.09c	-4.229755e-04	-2.694774e-03	-3.438366e-03	1.629663e-03
## SPAC1D4.11c	-2.104095e-03	-1.892801e-03	-3.318152e-03	4.952021e-03
## SPNCRNA.672	-1.124822e-03	5.352648e-06	-9.227972e-04	1.008143e-03
## SPNCRNA.673	3.183635e-05	2.786327e-04	-3.112421e-04	-3.407113e-04
## SPAC1D4.13	-3.542064e-03	-6.489728e-04	-7.263302e-04	2.582041e-03
## SPNCRNA.674	-4.646116e-04	-2.446696e-04	-3.454904e-04	6.862499e-04
## SPAC22F3.12c	4.296633e-04	-5.660751e-04	-1.603715e-03	-8.526498e-04
## SPAC22F3.09c	-1.307733e-03	2.766824e-03	1.910578e-03	1.420541e-03
## SPAC22F3.15	-1.019140e-03	1.516554e-03	1.854525e-03	1.443144e-03
## SPAC22F3.06c	-4.554465e-03	1.561988e-02	8.672052e-03	-1.493485e-02
## SPAC22F3.04	7.826106e-05	4.623170e-04	2.484151e-04	6.329970e-05
## SPATRNAVAL.02	8.547017e-03	-1.811903e-02	7.147680e-02	-4.618973e-02
## SPAC22F3.02	-6.257945e-04	1.632042e-03	1.281222e-03	-2.051383e-03
## SPAC1296.01c	6.572971e-04	4.622662e-04	4.451386e-03	6.602074e-03
## SPAC1296.02	2.186618e-03	-6.487683e-03	4.570839e-03	4.688963e-03
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	-9.865780e-04	5.068294e-03	-1.160851e-03	-4.459203e-03
## SPAC1296.06	-1.806383e-03	-4.553789e-03	4.252917e-03	9.076947e-04
## SPAC22G7.02	1.602395e-03	1.260710e-04	2.808401e-03	-4.018527e-03
## SPAC22G7.04	5.789658e-03	2.522107e-03	-2.328611e-04	2.852187e-03
## SPAC22G7.06c	-7.810104e-03	-2.893697e-02	6.035153e-03	4.703572e-02
## SPAC22G7.07c	-2.820126e-03	1.591118e-03	6.729965e-04	3.185333e-04
## SPAC22G7.08	7.094104e-04	-1.204574e-03	1.736417e-03	2.403505e-03
## SPAC22G7.11c	-6.845297e-04	-2.258201e-04	-2.515999e-04	-5.645462e-04
## SPNCRNA.679	4.239194e-04	-6.601839e-04	4.184529e-04	-4.158042e-04
## SPNCRNA.680	7.979310e-04	6.524431e-05	-6.442851e-04	2.040390e-04
## SPAC4G8.04	-1.866023e-03	-2.642815e-03	-3.516409e-05	1.901202e-03
## SPAC4G8.05	8.702905e-03	-1.745223e-03	-9.164099e-04	-4.999586e-03
## SPAC4G8.07c	4.567738e-04	7.013393e-04	2.466140e-05	-2.090569e-03
## SPNCRNA.681	8.148914e-05	-5.492887e-05	1.042899e-05	6.065783e-06
## SPNCRNA.682	2.005554e-04	2.341326e-04	-9.042851e-04	-9.485562e-04
## SPAC4G8.09	5.757291e-04	-9.535254e-03	-4.456032e-03	4.824479e-03
## SPNCRNA.683	7.888300e-04	2.273823e-04	-1.141194e-03	-6.243522e-04
## SPAC4G8.10	1.211544e-03	-2.809636e-03	-8.180623e-06	3.652986e-03
## SPNCRNA.684	8.369608e-04	-1.624576e-04	-3.550906e-04	-3.531624e-04
## SPAC16C9.01c	-5.906401e-04	-1.676133e-03	-4.835572e-04	5.578619e-03

## SPNCRNA.685	-2.528864e-04	-2.628102e-04	3.853311e-04	6.647382e-05
## SPNCRNA.686	-2.257498e-04	-1.440418e-03	2.723034e-04	3.330535e-04
## SPAC16C9.02c	-4.226694e-03	8.442031e-03	4.539428e-03	-1.018283e-02
## SPAC16C9.03	3.443618e-03	2.748401e-03	-6.742341e-03	6.944687e-03
## SPAC16C9.04c	-1.509109e-03	-2.962459e-03	-2.171721e-03	-1.993001e-04
## SPNCRNA.687	-8.205800e-05	1.450553e-04	-1.330452e-04	-2.336411e-04
## SPAC16C9.06c	-6.475545e-04	-1.596548e-03	5.630881e-04	1.424348e-03
## SPAC16C9.07	-5.252376e-03	1.517948e-03	-5.244401e-03	3.242282e-03
## SPAC2G11.04	-3.441014e-04	-2.047111e-05	-4.400533e-04	4.536882e-05
## SPAC2G11.05c	-1.331042e-03	-8.158793e-04	2.853660e-03	3.391724e-04
## SPAC2G11.08c	-7.700520e-04	-1.932429e-03	-2.852059e-03	2.993200e-04
## SPAC2G11.10c	2.913808e-04	8.216559e-04	-2.572497e-03	-3.657198e-04
## SPNCRNA.689	-4.379259e-04	-1.415202e-04	4.138245e-04	-7.393047e-04
## SPAC2G11.11c	6.992360e-03	1.374577e-03	-1.848831e-03	2.881165e-03
## SPNCRNA.690	-3.176014e-04	3.563733e-04	-6.268378e-04	-4.771511e-04
## SPAC2G11.13	-1.080764e-03	-1.727039e-03	1.687531e-03	3.239043e-03
## SPAC2G11.14	8.527476e-04	-1.422329e-02	5.107544e-04	-3.829034e-03
## SPAC2G11.15c	-7.410158e-04	2.440283e-03	-8.230355e-04	1.048838e-03
## SPAC521.04c	-3.512331e-03	3.345646e-03	-5.797998e-04	8.201506e-03
## SPNCRNA.693	9.442413e-05	1.546741e-04	-1.554825e-04	-1.250378e-04
## SPAC23G3.02c	3.985067e-03	-7.001195e-03	-1.430679e-02	7.188084e-04
## SPAC23G3.03	-1.337044e-03	-1.605027e-03	-3.457693e-04	9.086008e-04
## SPAC23G3.05c	-1.013581e-03	2.999477e-04	-2.949822e-03	7.905408e-04
## SPAC23G3.09	-5.435783e-04	7.735739e-05	-3.384564e-03	2.944350e-04
## SPAC23G3.11	5.530728e-03	3.621571e-03	-5.468720e-03	-4.286955e-03
## SPAC23G3.12c	1.845184e-03	-2.331673e-03	-3.962079e-03	2.268656e-03
## SPAC22H12.03	1.365374e-03	2.300983e-03	-1.164859e-03	1.018212e-03
## SPAC22H12.04c	6.983454e-02	6.603350e-02	3.306765e-02	-7.097968e-02
## SPAC1687.02	-3.113671e-03	1.382200e-03	2.033135e-03	-6.530827e-05
## SPAC1687.03c	-8.099842e-03	1.335401e-02	6.442921e-03	-4.360467e-03
## SPNCRNA.695	8.844965e-04	-4.504018e-04	-6.886597e-04	6.126195e-04
## SPRRNA.12	-1.021392e-01	-2.340870e-02	-1.267859e-01	-2.335727e-01
## SPAC1687.07	-6.339192e-04	-1.679882e-03	-2.634672e-04	1.724217e-03
## SPAC1687.08	6.596277e-04	-3.989734e-04	1.733600e-03	5.603316e-04
## SPAC1687.09	3.124072e-03	4.663788e-03	-1.212204e-02	2.076996e-03
## SPAC1687.10	2.516561e-03	2.854742e-03	-3.684706e-03	-1.947474e-03
## SPAC1687.13c	5.302708e-04	-1.276574e-03	1.390406e-03	5.711615e-04
## SPAC1687.23c	2.158995e-05	-3.539290e-06	-7.260370e-06	2.193727e-07
## SPAC1687.15	6.242072e-04	2.236654e-03	-9.365216e-04	-1.062771e-02
## SPNCRNA.697	2.881637e-04	-2.059209e-04	-3.101041e-04	-9.416509e-04
## SPAC1687.21	1.633528e-03	-5.014200e-03	-4.759103e-03	1.266702e-03
## SPAC1687.22c	-1.632004e-03	-1.826083e-03	-1.877186e-03	9.708063e-04
## SPNCRNA.698	8.572934e-04	1.990141e-03	-4.422162e-04	-6.513883e-05
## SPNCRNA.699	1.543408e-03	1.863791e-04	-3.423298e-05	-1.237527e-03
## SPAC222.05c	-4.606221e-04	-1.796510e-04	-1.780589e-03	4.433424e-03
## SPNCRNA.700	1.136475e-04	2.180166e-04	3.049407e-05	9.475726e-04
## SPATRNLGLU.02	2.181349e-01	8.573835e-02	3.965366e-02	-6.128720e-02
## SPAC222.09	3.310304e-04	-3.786556e-03	-7.569149e-03	4.578675e-03
## SPAC222.10c	-2.478868e-04	-2.979656e-04	-1.686279e-03	9.028451e-04
## SPAC222.11	-2.524625e-03	-5.286274e-03	1.241655e-03	6.082072e-03
## SPAC222.12c	6.408341e-03	1.162099e-02	-1.604299e-02	-3.740040e-02
## SPAC222.13c	2.886953e-03	-2.963837e-03	-1.213880e-03	3.330942e-03
## SPAC222.14c	-1.641901e-03	1.195953e-02	-2.613511e-03	-4.121673e-03
## SPNCRNA.50	-1.845594e-04	2.780551e-04	-8.587161e-05	-3.625339e-04

## SPAC821.03c	-1.013215e-03	4.480817e-03	2.319526e-05	3.603781e-03
## SPAC821.04c	7.862324e-04	4.666437e-04	5.254848e-04	-2.975991e-03
## SPSNRNA.03	4.819031e-02	7.374774e-02	-7.814494e-02	2.235285e-01
## SPAC821.07c	-2.957207e-04	2.720183e-04	-4.060618e-03	2.102217e-03
## SPNCRNA.163	1.247556e-04	2.217046e-04	1.746251e-05	3.000211e-04
## SPNCRNA.164	3.945612e-05	-7.398581e-05	2.402345e-05	-1.419218e-04
## SPAC821.11	-1.544380e-03	-4.613776e-03	6.683582e-03	1.078401e-03
## SPAC821.13c	-3.824227e-04	5.223633e-03	-6.311791e-04	2.167254e-03
## SPAC139.03	-1.440469e-03	4.762922e-04	-1.059671e-03	3.952613e-04
## SPAC139.04c	-2.482209e-04	1.563592e-03	-8.883417e-04	2.237306e-03
## SPNCRNA.705	2.138638e-04	3.083454e-04	-1.252950e-04	-5.558652e-05
## SPAC139.05	-1.270484e-02	-2.126796e-02	-2.332756e-02	2.632677e-02
## SPNCRNA.706	-1.632264e-03	-1.641553e-03	-7.128344e-04	-6.891320e-04
## SPAC139.06	-1.559144e-03	-9.461919e-04	1.851945e-03	-4.339026e-03
## SPNCRNA.707	-1.620110e-04	2.440954e-04	-1.768732e-05	2.733860e-04
## SPAC23C4.02	-7.519363e-03	-2.394108e-03	-1.477025e-03	8.001088e-03
## SPAC23C4.04c	-1.360628e-03	-5.650129e-04	8.248619e-04	1.469655e-04
## SPAC23C4.07	-1.769255e-03	3.899003e-04	1.021775e-03	1.127448e-03
## SPAC23C4.08	-3.341746e-03	-4.647839e-04	-4.559954e-03	-3.688661e-03
## SPNCRNA.708	-5.329324e-04	-1.855184e-03	-5.856311e-05	1.339571e-04
## SPAC23C4.12	-7.076455e-04	-3.091762e-05	2.634119e-04	3.706340e-04
## SPAC23C4.16c	-8.247955e-04	2.603403e-03	-3.922186e-03	-2.469297e-03
## SPNCRNA.709	1.171442e-03	1.194077e-03	-1.312276e-03	1.290793e-03
## SPNCRNA.166	-6.406617e-05	2.557605e-04	5.095033e-05	-1.692295e-04
## SPAC23C4.19	-9.934121e-03	6.581410e-03	-6.701866e-03	-3.239271e-03
## SPAC1A6.11	-1.677276e-05	1.567427e-05	-2.592312e-04	2.723200e-04
## SPAC1A6.05c	9.215526e-04	-2.028168e-03	-7.688532e-03	-3.218285e-03
## SPAC1A6.07	-2.671716e-03	-8.012831e-03	-8.971121e-03	4.299162e-03
## SPAC1A6.09c	4.588734e-04	5.493527e-03	-5.766420e-03	-4.084723e-03
## SPAC1A6.10	7.697812e-03	5.075906e-03	-1.175923e-02	-2.566753e-03
## SPAC30D11.13	-5.335863e-04	2.467212e-03	2.869789e-03	-4.010060e-03
## SPAC30D11.12	-4.945703e-03	1.261068e-02	4.342036e-03	8.440831e-03
## SPAC30D11.11	-1.317167e-03	1.178784e-02	-3.582335e-03	-5.282078e-03
## SPAC30D11.10	-1.011142e-03	-1.296571e-03	1.747249e-03	1.520106e-03
## SPNCRNA.712	1.753228e-04	-8.730742e-04	-2.568134e-05	1.262519e-03
## SPAC30D11.09	-1.572944e-04	2.934814e-04	-4.033559e-03	1.815608e-04
## SPAC30D11.08c	-2.594272e-03	-8.581892e-04	-7.578649e-04	-1.403620e-03
## SPAC30D11.04c	-1.763114e-03	-6.012451e-03	-1.127143e-02	-2.920452e-04
## SPAC30D11.03	3.160246e-04	-3.656462e-04	1.461784e-03	-1.061145e-03
## SPAC30D11.01c	-2.426451e-03	-3.226626e-03	-6.775880e-04	8.859903e-03
## SPNCRNA.713	1.252901e-03	4.878324e-04	-9.361044e-04	-1.281481e-05
## SPNCRNA.714	1.594128e-04	5.774962e-05	-1.050535e-04	-8.073208e-05
## SPAC56F8.03	-8.862579e-03	6.088732e-03	4.699331e-03	-1.512085e-02
## SPAC56F8.05c	-5.483555e-03	5.234390e-03	1.133722e-02	-1.423296e-03
## SPNCRNA.715	1.604268e-04	-2.568251e-04	7.252121e-05	2.608969e-04
## SPAC56F8.07	1.616443e-03	3.580675e-03	3.792187e-03	-2.711783e-03
## SPAC56F8.08	1.839951e-03	-2.239862e-03	-6.393054e-03	5.303428e-03
## SPAC56F8.10	-2.262984e-03	2.256200e-03	-3.300247e-04	3.765881e-03
## SPAC56F8.11	9.504821e-04	-2.785386e-03	-8.007904e-04	4.727778e-03
## SPAC56F8.14c	1.592152e-03	-5.343492e-03	-8.888416e-04	3.780898e-03
## SPAC56F8.13	-1.808069e-04	-6.868421e-04	7.317235e-04	5.615069e-04
## SPAC56F8.15	-7.046363e-04	-1.705121e-03	6.036687e-04	-1.639990e-03
## SPAC22A12.01c	5.441039e-05	6.766747e-03	-2.193590e-03	-2.791557e-03
## SPAC22A12.03c	2.562345e-03	1.803360e-03	-3.241395e-03	1.861263e-03

## SPAC22A12.05	4.309504e-03	-5.336935e-03	1.151080e-03	2.468806e-04
## SPAC22A12.06c	-1.396201e-03	4.144885e-03	-7.616179e-03	-1.499867e-03
## SPNCRNA.718	-2.527149e-04	-8.790033e-04	-6.175238e-05	3.897916e-04
## SPAC22A12.13	-6.810827e-04	1.301183e-03	1.782439e-03	2.224827e-04
## SPAC22A12.15c	9.380538e-03	8.818629e-03	2.534489e-02	2.065892e-02
## SPAC22A12.16	1.865988e-02	-1.355325e-02	-1.715158e-02	1.212965e-02
## SPAC4C5.01	-2.999376e-03	-6.429444e-03	5.230020e-03	5.652306e-03
## SPATRNAALA.02	-5.927283e-03	-2.238708e-03	-4.169252e-05	6.145607e-03
## SPNCRNA.722	5.731965e-04	5.272718e-04	-1.649252e-03	8.718644e-04
## SPAC4C5.04	1.181591e-03	4.648877e-04	3.902831e-03	-1.336496e-03
## SPNCRNA.723	4.517312e-04	7.721330e-04	-1.234408e-03	-2.445719e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-1.531080e-02	5.167771e-03	8.705659e-03	1.475333e-02
## SPAC10F6.04	-4.730222e-03	-2.435360e-03	1.361025e-04	-2.524850e-06
## SPAC10F6.06	3.320168e-03	2.300568e-02	1.523756e-02	3.129542e-02
## SPAC10F6.07c	7.574907e-04	5.227751e-04	-1.701213e-03	-1.015925e-03
## SPNCRNA.554	2.473861e-04	4.262287e-04	1.921004e-04	-1.393066e-04
## SPAC10F6.08c	1.288931e-04	-1.913030e-03	-5.431557e-04	1.758639e-03
## SPAC10F6.09c	-5.331997e-03	1.052213e-03	-7.191302e-03	-6.175898e-03
## SPAC10F6.11c	-3.767335e-03	2.885513e-03	2.967803e-04	-3.656097e-04
## SPAC10F6.12c	1.614402e-03	2.223603e-03	-2.950554e-03	-1.728111e-03
## SPAC10F6.13c	4.603894e-03	7.706282e-03	1.527427e-02	-8.446995e-05
## SPAC10F6.14c	8.701263e-04	1.766948e-03	-2.580225e-03	-4.227310e-04
## SPNCRNA.82	-8.003181e-05	-1.031159e-04	-6.680733e-05	1.017735e-04
## SPNCRNA.727	-2.186273e-03	-6.934480e-04	-7.103368e-05	-4.799544e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-8.805495e-04	-6.455747e-04	-3.632901e-03	1.800808e-03
## SPNCRNA.729	-6.899231e-05	1.103245e-04	-3.204299e-05	-9.812397e-05
## SPAC10F6.16	-1.882862e-03	9.501318e-03	4.719469e-03	1.247309e-03
## SPAC56E4.02c	3.871529e-03	-4.644542e-04	1.640483e-03	4.507183e-03
## SPAC56E4.04c	1.631531e-03	8.836317e-02	3.194825e-02	3.060532e-03
## SPAC56E4.05	-3.033672e-04	3.519055e-03	-3.344961e-03	1.228548e-03
## SPAC56E4.06c	-3.285283e-03	2.332123e-03	-1.323634e-03	1.695054e-03
## SPAC1420.01c	-2.613278e-03	3.157186e-04	5.952310e-03	-2.710709e-03
## SPAPB17E12.04c	1.584187e-03	1.955790e-03	2.774532e-04	-1.716413e-03
## SPAPB17E12.06	1.513919e-04	8.504706e-04	-6.891124e-04	9.723346e-04
## SPAPB17E12.07c	7.281047e-04	-6.339649e-04	-5.957310e-04	8.228199e-04
## SPAPB17E12.08	-1.058113e-03	-3.963826e-04	-5.342629e-04	8.238961e-04
## SPAPB17E12.10c	-2.872243e-03	-2.361338e-03	-4.980073e-03	2.319054e-04
## SPAPB17E12.09	-4.568137e-04	2.563205e-05	-3.259815e-04	4.507097e-05
## SPAPB17E12.12c	3.465035e-03	3.975991e-04	-1.849690e-04	1.537527e-03
## SPAPB17E12.14c	-3.129431e-03	8.865522e-04	-8.868703e-03	3.129331e-03
## SPAPB17E12.13	2.885990e-02	-1.430779e-02	3.273387e-02	9.361975e-03
## SPAC1565.01	5.640695e-04	-1.164298e-02	1.733936e-03	2.365739e-03
## SPAC1565.02c	-1.012938e-04	7.277569e-04	-2.115027e-03	-2.525838e-03
## SPAC1565.04c	-4.414616e-04	-9.882886e-04	3.407107e-04	5.757688e-04
## SPNCRNA.169	-2.656505e-06	8.329381e-05	2.343790e-05	5.509396e-05
## SPAC1565.08	8.515257e-03	-2.015073e-02	4.024989e-03	-5.768494e-02
## SPAC6F12.02	-5.824788e-04	4.478100e-03	-3.086431e-03	-9.088689e-03
## SPAC6F12.03c	-2.792141e-03	6.564889e-05	-1.000291e-03	-1.997192e-03
## SPAC6F12.04	-2.884692e-03	1.717310e-03	-6.063075e-03	-3.254351e-03
## SPAC6F12.05c	3.211189e-03	7.710092e-03	5.166712e-03	1.388500e-03
## SPAC6F12.10c	-1.602932e-02	1.303907e-03	6.146515e-04	-2.398376e-02
## SPNCRNA.734	-3.349756e-05	-6.944980e-05	-7.052406e-05	1.660381e-05

## SPAC6F12.11c	-1.400461e-03	-3.123499e-03	-3.941864e-03	-2.976577e-03
## SPAC6F12.14	7.117475e-04	-1.799897e-04	-1.772225e-03	-1.373459e-05
## SPNCRNA.735	-4.394858e-04	2.847200e-04	2.244278e-04	-9.046721e-04
## SPAC6F12.16c	-1.500827e-02	9.044460e-03	-1.884208e-03	-1.491824e-02
## SPAC6F12.17	3.316243e-03	-1.442880e-03	-1.288616e-02	-5.182512e-03
## SPNCRNA.736	-3.897826e-04	7.287140e-04	5.440072e-04	1.754698e-03
## SPNCRNA.737	-1.736346e-04	5.870758e-04	8.498276e-06	1.379981e-05
## SPAC57A10.02	-9.572718e-04	1.382398e-03	-1.052995e-02	1.697370e-03
## SPNCRNA.739	4.487519e-04	4.787134e-04	8.208223e-04	-4.616438e-04
## SPAC57A10.04	-9.143994e-04	1.429164e-03	1.936642e-03	-2.168723e-04
## SPAC57A10.14	-2.509612e-03	-2.392690e-03	-7.240989e-04	1.474239e-03
## SPAC57A10.10c	2.045087e-03	1.820192e-02	1.930702e-02	-1.801232e-02
## SPAC57A10.11c	2.532007e-03	-8.297890e-03	-6.984256e-03	-5.695145e-04
## SPAC20G8.01	8.003444e-05	9.787520e-04	-3.437073e-03	-1.171207e-03
## SPAC20G8.02	-3.890599e-03	2.980387e-03	-1.175196e-03	2.011418e-03
## SPNCRNA.58	-1.764163e-03	1.259105e-03	-3.015205e-04	-2.296198e-04
## SPAC20G8.03	-5.181490e-03	7.444176e-03	-5.562622e-04	-5.765185e-03
## SPNCRNA.740	-5.674340e-04	1.442242e-03	-1.020936e-03	9.078820e-05
## SPAC20G8.07c	1.949398e-04	1.661720e-02	-2.922730e-03	-4.701202e-03
## SPATRNCACYS.01	-9.463907e-03	-9.721402e-05	2.737026e-03	4.521163e-03
## SPAC3A12.02	8.640688e-05	-5.703244e-04	-1.959786e-03	3.002443e-03
## SPAC3A12.03c	4.373767e-04	1.321950e-03	-4.591585e-03	3.202127e-03
## SPAC3A12.05c	-8.717462e-04	1.655750e-05	-1.902467e-03	-1.477391e-03
## SPAC3A12.06c	-3.924504e-03	-2.710729e-04	-7.912105e-03	-6.696119e-04
## SPAC3A12.08	8.959037e-04	1.303320e-03	2.255334e-03	-5.477676e-04
## SPAC3A12.09c	1.155792e-03	3.708110e-04	-8.428899e-04	-6.812347e-04
## SPAC3A12.10	1.642116e-02	4.878007e-02	-2.284817e-02	1.440992e-02
## SPAC3A12.12	4.411612e-04	1.439015e-03	-2.073895e-04	3.271018e-03
## SPAC3A12.13c	3.324104e-03	-7.292391e-03	-1.037011e-02	1.048696e-02
## SPATRNCAPRO.03	2.129872e-03	-9.038437e-03	6.292611e-03	-3.618532e-03
## SPAC3A12.16c	-5.461755e-03	1.368244e-02	-8.451840e-03	-1.103404e-02
## SPAC3A12.17c	-3.427958e-03	4.452470e-03	-3.106019e-03	-4.290098e-03
## SPAC9.02c	-1.118516e-03	-1.773630e-03	3.978380e-03	7.358099e-04
## SPAC9.04	-9.091957e-06	-1.752052e-05	1.880688e-05	1.215590e-04
## SPAC9.07c	-1.209641e-03	8.992326e-03	-3.350178e-03	1.089195e-02
## SPNCRNA.742	-4.344064e-04	-1.258879e-04	-7.581866e-04	2.075369e-04
## SPATRNCAMET.02	2.527516e-02	9.324500e-02	-2.813822e-02	-4.139236e-02
## SPAC9.11	1.071180e-03	2.996426e-03	9.175512e-04	-6.336121e-04
## SPAC9.12c	-5.188797e-04	-4.940226e-03	-2.270614e-03	1.164684e-03
## SPAC9.13c	1.477234e-03	-1.129990e-04	4.056632e-03	-3.424383e-03
## SPAC5D6.13	-6.146244e-04	2.219808e-04	4.841838e-03	-9.629303e-04
## SPAC5D6.08c	-2.683139e-04	1.593719e-04	-3.522245e-04	7.656652e-04
## SPAC5D6.06c	1.728302e-03	-2.659453e-03	-4.103471e-03	2.551207e-03
## SPAC5D6.05	-1.114217e-03	-1.790026e-03	-2.117110e-03	1.299788e-03
## SPAC5D6.01	2.222327e-02	7.505884e-03	-2.425820e-02	1.268756e-02
## SPNCRNA.173	5.681161e-04	6.760308e-05	-2.346963e-04	8.481093e-04
## SPAC57A7.13	-1.700367e-03	9.743769e-04	-4.391676e-03	-1.838635e-03
## SPAC57A7.12	9.154128e-03	-3.362333e-02	2.199947e-03	-2.379558e-02
## SPAC57A7.11	4.226821e-03	-1.806946e-03	3.492595e-03	1.246116e-03
## SPAC57A7.09	2.857387e-04	-2.336863e-03	-1.458604e-03	1.718678e-04
## SPATRNCALAU.01	-6.992570e-03	8.696622e-03	2.842123e-03	-4.357612e-03
## SPAC57A7.07c	2.921281e-03	-1.683470e-03	-4.580142e-03	2.202146e-03
## SPNCRNA.744	-2.193796e-05	-3.546551e-04	2.511892e-04	-2.733254e-04
## SPAC57A7.05	-1.848407e-03	9.618012e-04	-4.649936e-04	2.828812e-03

## SPAC57A7.15c	-8.475156e-04	-1.402334e-03	-2.127379e-03	2.880397e-04
## SPAC167.06c	-8.781537e-04	-1.502982e-03	2.908245e-04	1.406217e-03
## SPAC167.02	7.404560e-04	-7.958422e-04	-7.687667e-03	2.654125e-04
## SPAC167.03c	-1.229378e-03	3.251402e-04	-3.061323e-03	-7.866180e-04
## SPAC167.01	3.496374e-03	1.005141e-04	-6.568393e-04	2.704754e-03
## SPNCRNA.555	-1.565922e-04	-3.125934e-04	1.509760e-04	-1.902336e-04
## SPRRNA.53	-1.153532e-01	9.170524e-02	-1.660637e-01	2.649012e-02
## SPAC1705.02	1.791282e-03	-4.088383e-04	-2.246937e-04	-2.369283e-03
## SPNCRNA.175	-7.934499e-05	3.277649e-04	-8.654788e-05	7.635722e-05
## SPAC23H4.18c	4.540921e-04	-1.953991e-03	3.425621e-03	-5.709638e-05
## SPAC23H4.14	2.838798e-04	-3.183693e-04	-3.064740e-03	2.031054e-03
## SPAC23H4.11c	-5.522949e-04	3.099978e-03	-1.297017e-03	1.961782e-03
## SPAC23H4.10c	1.514146e-03	-2.016353e-03	2.754764e-03	-2.679926e-03
## SPAC23H4.09	-4.229692e-03	5.161656e-03	2.683486e-02	1.070425e-02
## SPAC23H4.06	9.778526e-03	2.069255e-02	-3.978199e-03	-6.214118e-03
## SPAC23H4.03c	1.138690e-03	6.836824e-04	-2.808848e-03	2.345285e-03
## SPAC23H4.02	7.798053e-04	2.085714e-03	5.473807e-04	-5.070080e-04
## SPAC23H4.01c	5.748153e-04	-6.111317e-05	-2.114215e-03	-1.129603e-03
## SPAP27G11.02	-1.167298e-04	1.863521e-03	-1.732649e-03	-9.168166e-04
## SPNCRNA.748	6.392448e-05	-3.066876e-04	1.415895e-04	-1.312568e-04
## SPAP27G11.04c	-6.489429e-04	1.427768e-03	-1.904367e-03	2.358271e-03
## SPAP27G11.06c	3.235862e-03	7.469977e-03	4.418483e-03	-5.535642e-03
## SPAP27G11.07c	-2.757771e-03	7.607709e-04	-5.500099e-04	-1.831705e-03
## SPAP27G11.08c	-1.821059e-04	-3.887171e-05	7.150959e-04	-6.332050e-04
## SPAP27G11.10c	5.393078e-03	-8.221651e-03	-1.475952e-02	5.260577e-03
## SPAP27G11.11c	5.791523e-05	-2.474971e-04	7.874649e-05	2.474133e-04
## SPNCRNA.750	3.707632e-04	-6.319106e-05	-3.463458e-04	1.343223e-04
## SPAP27G11.16	2.535649e-03	-6.061899e-04	-6.059639e-04	1.302111e-03
## SPAP27G11.12	-1.640979e-03	2.490928e-03	4.064959e-03	-3.001074e-03
## SPAP27G11.13c	-1.940365e-03	-6.560604e-03	4.301347e-03	6.645961e-03
## SPAC343.02	1.535416e-03	1.200023e-03	-3.570704e-03	-5.619596e-03
## SPATRNAGLY.01	9.755785e-03	-4.417457e-03	5.959374e-03	4.287373e-03
## SPNCRNA.751	2.992044e-04	2.486697e-04	6.786902e-05	-1.646812e-04
## SPAC343.06c	8.478185e-04	3.076692e-03	-1.510645e-03	4.384300e-03
## SPAC343.09	1.311152e-03	-8.010949e-03	-8.024857e-03	3.894511e-03
## SPNCRNA.753	-2.576022e-04	3.753373e-04	1.381661e-04	-1.008832e-04
## SPAC343.21	3.944104e-04	-2.113679e-03	-1.975064e-04	5.009050e-04
## SPAC343.12	-9.138084e-02	-1.754240e-02	-2.448704e-02	5.636237e-02
## SPAC343.13	9.145187e-06	-2.730204e-04	-1.321590e-03	1.264299e-03
## SPAC343.14c	2.313919e-03	-9.900790e-04	1.722940e-03	-5.643384e-03
## SPAC343.16	-2.396405e-02	3.170674e-02	8.935717e-05	1.174246e-02
## SPAC343.18	-8.118681e-04	-2.530808e-03	1.365789e-03	-5.763938e-04
## SPAC343.19	-5.722645e-04	1.550559e-03	-2.303343e-03	-1.031969e-04
## SPAC824.02	-7.907651e-04	7.812385e-03	-1.033730e-02	1.491320e-03
## SPAC824.03c	-5.099401e-03	3.404384e-03	-2.647010e-03	8.455453e-04
## SPNCRNA.755	3.602143e-04	-5.662639e-05	-5.703311e-05	3.850061e-04
## SPAC824.06	1.394966e-03	9.215754e-03	-9.955355e-03	6.893980e-04
## SPAC824.09c	2.600436e-03	-6.187908e-04	-1.715982e-03	-4.844444e-03
## SPNCRNA.177	-1.981120e-04	1.294407e-04	-1.705542e-04	1.255877e-04
## SPAC664.01c	-3.783947e-03	-5.959690e-03	-3.320510e-03	7.215462e-03
## SPAC664.02c	-2.332408e-03	-6.094513e-03	4.135031e-03	5.227808e-05
## SPAC664.05	8.934365e-03	-1.497813e-02	8.047994e-03	1.331169e-02
## SPNCRNA.756	-9.619829e-04	7.829895e-04	-1.368060e-03	7.853391e-04
## SPAC664.06	-2.598698e-04	-2.920450e-03	-2.700438e-03	2.870801e-02

## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	7.181542e-05	-2.332213e-04	-3.452442e-04	-6.515333e-05
## SPAC664.13	-3.952604e-04	-6.177576e-04	4.435991e-04	-1.350287e-03
## SPATRNALYS.02	-4.986077e-04	1.053598e-03	-2.105072e-03	-2.069548e-03
## SPAC664.15	-6.754186e-04	-2.401459e-03	-3.405095e-03	-4.301947e-03
## SPAC105.02c	-1.143282e-02	-7.851510e-04	-6.823802e-03	-4.421068e-03
## SPATRNATYR.01	-6.917679e-03	1.103391e-02	-1.283122e-02	-5.299811e-03
## SPAC105.03c	-3.453815e-03	2.746374e-03	-4.240426e-03	-5.190721e-03
## SPAC17A5.01	2.381523e-04	-7.172014e-03	-8.735715e-03	3.720850e-03
## SPNCRNA.759	3.151489e-04	4.779286e-04	-3.064843e-04	8.425522e-04
## SPNCRNA.556	4.970416e-04	-4.005424e-05	4.212410e-05	2.681662e-05
## SPAC17A5.05c	-1.307309e-03	3.052805e-03	4.940305e-04	-1.121338e-03
## SPAC17A5.07c	-3.396766e-03	-3.729446e-03	-2.063996e-03	-1.110087e-04
## SPAC17A5.09c	6.982278e-04	9.824003e-04	-4.807080e-04	-1.502413e-03
## SPATRNAILE.01	5.791534e-03	-4.335673e-03	4.923889e-04	2.675066e-03
## SPNCRNA.760	1.159717e-03	-5.628716e-04	1.170256e-03	-6.650672e-04
## SPNCRNA.761	-8.850461e-04	2.427547e-04	-1.352067e-03	-4.807620e-04
## SPAC17A5.13	-3.377306e-03	1.014142e-02	-2.206611e-03	-1.772466e-03
## SPAC17A5.15c	-1.020544e-02	-1.531133e-02	7.620689e-03	4.918692e-04
## SPNCRNA.762	-2.978547e-03	3.247011e-03	-4.861600e-04	-3.167380e-03
## SPAC1002.01	3.697993e-04	1.786955e-04	8.646262e-04	2.633692e-04
## SPAC1002.06c	-4.112487e-05	5.623903e-05	-6.772553e-05	3.126724e-04
## SPAC1002.07c	1.407396e-03	-5.315102e-03	-1.727763e-03	2.221534e-04
## SPAC1002.08c	1.895008e-03	-1.559886e-03	-6.775039e-03	-3.738323e-04
## SPNCRNA.763	2.805351e-04	5.237596e-05	1.522391e-03	1.524032e-04
## SPAC1002.10c	-9.860423e-04	-6.319095e-05	9.052819e-04	-7.906095e-04
## SPAC1002.11	-3.614537e-03	6.091252e-03	-2.965066e-03	1.607959e-03
## SPAC1002.13c	-2.602052e-02	1.881004e-02	-1.457193e-02	1.389924e-02
## SPAC1002.15c	-1.448136e-03	-1.231931e-04	1.742997e-03	2.391602e-03
## SPAC1002.14	2.434877e-03	-3.396691e-03	7.584655e-03	7.586314e-03
## SPAC1002.16c	8.460852e-04	8.654587e-05	1.388211e-03	-4.443511e-04
## SPAC1002.17c	1.901182e-02	2.043393e-02	-1.456034e-02	-1.211840e-02
## SPAC1002.18	1.680874e-02	1.508357e-02	-7.613631e-03	-1.165007e-02
## SPAC1399.05c	-1.314844e-03	1.345154e-03	-4.408543e-03	3.829382e-03
## SPNCRNA.764	-7.755377e-04	-9.941032e-04	-3.704150e-04	-8.279866e-04
## SPNCRNA.178	-3.811951e-04	-7.529962e-04	1.577377e-04	-1.472215e-03
## SPAC1399.02	-1.819252e-03	1.849812e-03	7.413082e-04	4.014906e-03
## SPAC1399.06	5.629570e-04	2.173088e-04	1.321097e-04	3.067361e-04
## SPAP11E10.01	4.940594e-03	2.338336e-03	-3.765554e-03	-1.751476e-03
## SPAPB1A10.03	5.293234e-04	9.541722e-04	-5.060069e-04	4.416914e-04
## SPAPB1A10.16	-1.063750e-03	-1.452634e-03	1.290355e-04	5.372539e-04
## SPAPB1A10.04c	-2.014336e-03	3.677246e-03	2.914992e-03	-5.236592e-04
## SPNCRNA.765	7.333915e-04	1.242056e-03	-8.179790e-04	-2.468773e-04
## SPAPB1A10.05	5.391479e-04	3.308587e-04	-1.628106e-03	1.037269e-04
## SPNCRNA.766	2.178998e-04	-1.338945e-03	-5.800372e-04	7.305402e-04
## SPAPB1A10.09	4.333046e-04	4.193302e-03	3.131170e-03	3.829768e-04
## SPAPB1A10.13	1.440652e-03	-1.744529e-03	-3.055233e-03	3.769711e-03
## SPAPB1A10.14	2.660694e-03	-1.039138e-03	-2.268423e-04	5.919674e-06
## SPAPB1A10.15	1.777360e-04	-1.215521e-03	1.864014e-04	3.798545e-04
## SPAC140.01	-4.369480e-03	6.545103e-03	-2.383541e-02	-2.173461e-02
## SPAC140.03	-1.472054e-06	1.663797e-03	3.289173e-05	-3.202816e-03
## SPNCRNA.182	-1.321775e-05	-2.707168e-05	1.704860e-05	-4.626774e-05
## SPNCRNA.772	-3.003286e-05	-7.297687e-04	-1.379528e-04	6.454246e-04
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC110.05	-5.100847e-04	6.100390e-04	-1.679876e-04	-9.082103e-04
## SPAC110.01	5.868831e-03	-6.353952e-03	3.995221e-04	-2.693524e-03
## SPAC110.03	2.689015e-03	-1.340515e-03	-9.416776e-03	5.020506e-03
## SPNCRNA.774	9.948088e-04	-3.034526e-04	8.883071e-05	-5.784607e-04
## SPAC3H1.01c	1.107619e-02	6.575688e-05	-9.827648e-03	8.233121e-03
## SPAC3H1.02c	-1.959508e-03	-1.205675e-03	-1.509996e-03	-1.159599e-02
## SPAC3H1.04c	9.007493e-04	4.232739e-03	-1.260118e-03	3.304918e-03
## SPAC3H1.05	9.736463e-03	8.102802e-03	6.864615e-04	-7.050225e-03
## SPAC3H1.06c	-1.742633e-04	9.227838e-03	-6.237463e-03	-6.442747e-03
## SPAC3H1.07	2.387181e-02	2.635942e-02	1.236968e-02	-2.607721e-02
## SPAC3H1.09c	-1.918626e-03	-1.462721e-03	1.666041e-03	-4.831653e-04
## SPNCRNA.777	1.930214e-04	9.141918e-04	-1.097699e-03	-6.021800e-04
## SPNCRNA.781	-6.621818e-04	1.048947e-04	-1.127559e-03	1.555307e-03
## SPNCRNA.783	6.913991e-04	-4.535807e-04	-1.146386e-03	-6.398296e-04
## SPNCRNA.784	1.725977e-04	-4.353259e-04	-2.548960e-04	-2.375867e-04
## SPAC3H1.12c	8.406360e-04	4.092843e-03	-5.981108e-03	1.935163e-03
## SPAC3H1.13	-1.180885e-03	1.527684e-04	-1.191420e-03	8.054827e-04
## SPNCRNA.530	3.382531e-02	-2.001871e-02	-7.163964e-03	7.191894e-03
## SPAC9G1.14	9.158548e-05	-9.949611e-04	2.216831e-04	-7.119552e-05
## SPAC9G1.02	-1.658641e-03	5.400104e-03	-8.817471e-03	8.583763e-04
## SPAC9G1.03c	8.146965e-04	1.726338e-02	-5.898934e-03	3.557722e-02
## SPAC9G1.04	-3.182945e-03	3.531221e-03	-2.381718e-03	-1.837654e-03
## SPAC9G1.08c	6.306271e-04	1.228740e-03	-9.154386e-04	4.122439e-04
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	1.638765e-03	1.292123e-03	1.210545e-03	-8.705522e-04
## SPAC9G1.10c	-2.505403e-03	7.539763e-04	-2.905580e-04	-2.445890e-03
## SPAC9G1.13c	-3.822726e-04	4.424551e-04	1.088624e-03	2.521485e-04
## SPNCRNA.785	-7.226421e-04	1.256085e-03	-8.738801e-04	-1.578305e-03
## SPAC17H9.02	-5.795060e-03	1.132782e-03	-8.011513e-03	1.283943e-03
## SPAC17H9.03c	-6.278303e-04	1.403759e-03	1.564449e-03	-3.271261e-03
## SPAC17H9.04c	7.881545e-03	-1.193950e-02	-2.318390e-03	5.495560e-03
## SPNCRNA.787	-3.128453e-05	-3.778242e-04	8.800555e-05	9.311253e-05
## SPAC17H9.09c	2.266072e-03	4.399917e-04	5.559853e-03	-1.312542e-03
## SPAC17H9.10c	-2.515292e-03	-4.363895e-03	-5.177400e-03	1.733546e-03
## SPAC17H9.12c	8.783547e-04	-1.889676e-03	-5.423020e-04	1.565988e-04
## SPAC17H9.13c	-9.978180e-04	5.974266e-03	1.128895e-03	2.049910e-03
## SPAC17H9.14c	1.056153e-02	-1.287238e-02	-2.226260e-02	1.325023e-02
## SPNCRNA.184	-9.305214e-05	5.025411e-04	1.491622e-04	5.321595e-04
## SPAC17H9.16	1.570043e-02	-6.077390e-03	2.003455e-03	-1.089231e-02
## SPAC17H9.17c	4.534561e-04	-1.779168e-03	-8.175403e-04	-8.596502e-04
## SPAC17H9.20	-1.831905e-03	4.589234e-03	4.096112e-04	-2.744108e-03
## SPAC607.03c	-1.474304e-02	-1.862013e-03	-1.935337e-03	7.292038e-03
## SPNCRNA.185	5.655154e-05	1.264980e-04	2.071187e-04	1.612412e-04
## SPAC607.04	3.809922e-03	4.636093e-03	5.441078e-04	2.879319e-03
## SPAC607.05	-4.523708e-04	1.877203e-02	4.368288e-03	-1.790020e-03
## SPAC607.06c	-1.380209e-03	6.320964e-03	1.442621e-03	-5.256715e-03
## SPAC607.09c	1.475498e-03	-1.120333e-03	8.050711e-04	1.188814e-03
## SPAC732.01	2.251077e-03	-2.659053e-03	-3.565977e-03	-5.317698e-03
## SPAC732.02c	1.902407e-03	1.037279e-02	2.305264e-03	8.176700e-04
## SPAC3C7.02c	1.079819e-03	2.925229e-03	-6.435789e-04	-8.594155e-04
## SPNCRNA.791	1.122790e-04	-1.957955e-04	3.996782e-05	-4.248604e-04
## SPAC3C7.08c	-1.000453e-02	-2.972294e-03	-2.067904e-02	-6.790994e-03
## SPAC3C7.09	-9.683115e-04	-3.201486e-03	-9.361459e-04	2.584545e-03
## SPNCRNA.793	1.144589e-03	-7.271471e-04	-4.838738e-05	-1.586744e-04

## SPNCRNA.794	3.369489e-04	5.756812e-04	3.375782e-04	6.722245e-04
## SPAC25A8.03c	1.773173e-03	2.543731e-03	-1.180445e-03	1.653284e-03
## SPAC25A8.02	-1.066931e-03	3.354883e-04	2.541273e-03	-2.927306e-03
## SPAC631.02	2.758448e-03	7.787958e-03	8.990685e-03	-4.627071e-03
## SPAC20H4.02	2.522392e-03	-2.932740e-03	2.809729e-03	1.457841e-03
## SPAC20H4.03c	-2.010325e-03	-1.589086e-03	1.807466e-03	5.913168e-03
## SPAC20H4.04	-6.563358e-04	-1.348148e-03	-2.948789e-03	2.888479e-03
## SPAC20H4.08	-2.517415e-04	1.962262e-03	1.325345e-03	-2.973028e-03
## SPAC20H4.09	-4.234046e-03	7.384932e-03	2.231669e-03	4.724485e-04
## SPNCRNA.797	-6.116017e-04	-1.850984e-03	-2.031568e-04	8.598329e-04
## SPAC20H4.10	4.624286e-04	1.170522e-03	-3.968156e-03	-2.994064e-04
## SPAC23C11.01	-3.254192e-03	1.261178e-03	-3.216593e-03	-1.872940e-03
## SPAC23C11.03	7.442450e-04	2.640724e-03	2.235967e-03	-4.997487e-03
## SPAC23C11.04c	-1.191152e-03	1.430602e-03	-2.291270e-03	1.270246e-04
## SPAC23C11.05	1.351525e-02	-1.616024e-02	1.434491e-02	2.880340e-02
## SPAC23C11.08	1.509178e-03	-1.824639e-03	-1.297370e-03	-2.035404e-03
## SPNCRNA.799	-1.192991e-04	-5.968382e-04	1.219613e-04	-1.631156e-04
## SPAC23C11.09	-2.580683e-02	1.934307e-04	-1.900333e-02	7.404438e-03
## SPAC23C11.10	1.173241e-03	1.398996e-04	7.802469e-04	-4.167810e-04
## SPAC23C11.11	-3.840663e-03	6.526843e-03	3.278110e-03	-2.657503e-03
## SPNCRNA.800	2.400906e-03	9.168411e-04	-1.607798e-04	-8.869939e-04
## SPAC23C11.14	-6.811680e-04	9.203037e-03	-5.500333e-04	4.141281e-03
## SPAC23C11.15	4.079590e-03	3.957562e-03	-7.453528e-03	1.608600e-03
## SPAC23C11.17	-3.674182e-03	6.509640e-04	-9.883175e-03	-1.061955e-03
## SPAC13F5.01c	2.965407e-03	-2.189651e-03	-1.177903e-03	-4.573661e-03
## SPAC13F5.02c	-4.768151e-03	5.358239e-03	1.795837e-03	-3.696672e-03
## SPNCRNA.801	-7.294327e-04	-2.101699e-04	-2.226811e-04	-6.809952e-04
## SPAC13F5.06c	8.425235e-03	-4.239856e-03	-9.112453e-03	4.953312e-03
## SPNCRNA.802	-5.692210e-04	-9.362628e-04	1.448296e-04	6.057206e-05
## SPAC13F5.07c	5.756402e-04	6.897388e-04	5.962678e-04	1.466752e-03
## SPAC1783.02c	6.391418e-04	-8.008395e-04	-1.426559e-03	2.834810e-03
## SPAC1783.04c	2.701051e-04	3.237620e-03	-9.627239e-04	1.646554e-03
## SPNCRNA.803	3.569735e-04	-2.065789e-04	-6.038313e-04	-9.030328e-05
## SPAC1783.06c	-1.209299e-03	7.745626e-04	1.555300e-03	-8.482807e-04
## SPNCRNA.804	-6.628832e-04	1.597688e-04	6.470801e-05	1.190278e-04
## SPAC1783.07c	6.461390e-03	4.186000e-03	-4.798051e-03	5.801522e-03
## SPAC1783.08c	3.275096e-02	-3.559875e-02	-5.643891e-02	-1.608387e-02
## SPAC1327.01c	1.681497e-03	-9.820733e-04	-5.844344e-03	-1.853218e-03
## SPAC18G6.01c	1.220074e-03	-2.223682e-03	-2.642485e-03	-5.068711e-04
## SPAC18G6.02c	-1.229658e-03	6.238268e-03	5.048127e-03	5.255727e-04
## SPATRNAVAL.03	-1.161539e-02	1.262824e-02	-1.653219e-03	1.449501e-02
## SPAC18G6.04c	3.302176e-03	6.093851e-03	1.953408e-04	2.366827e-03
## SPAC18G6.05c	-6.975785e-03	1.942714e-02	-1.025602e-02	3.591001e-03
## SPAC18G6.06	4.245833e-04	3.297894e-03	-1.376751e-03	-2.006026e-03
## SPAC18G6.07c	7.099464e-03	7.389628e-03	-2.839611e-03	3.117163e-03
## SPAC18G6.09c	1.588348e-03	-3.591094e-03	-3.957672e-03	3.356350e-03
## SPAC18G6.10	-2.774474e-05	3.835288e-04	-2.178771e-03	-2.116074e-03
## SPAC18G6.11c	2.333918e-04	3.726476e-03	-1.579799e-03	1.017888e-02
## SPAC18G6.12c	-1.387705e-03	-3.859178e-04	-6.200712e-04	9.172843e-04
## SPNCRNA.806	2.008323e-05	2.905314e-04	-9.446551e-05	-6.851924e-04
## SPAC18G6.13	1.715641e-04	-3.410676e-04	-1.601776e-03	-2.495366e-04
## SPAC18G6.14c	-2.613978e-04	-9.352507e-04	2.378300e-02	-1.771601e-02
## SPAC13D6.02c	3.950108e-03	-1.498836e-03	-8.734223e-04	-1.135013e-03
## SPNCRNA.189	-3.364190e-04	5.641225e-04	2.641986e-06	8.945829e-05

## SPATRNAGLY.02	1.813320e-03	-8.455759e-03	1.746875e-03	3.020824e-03
## SPAC13D6.04c	-4.605551e-04	3.507353e-03	-1.183430e-03	-3.298910e-04
## SPAC13D6.05	1.000316e-04	1.909260e-03	4.863595e-03	3.018581e-03
## SPAC4G9.02	-4.432443e-04	-1.112184e-03	-3.295035e-03	-1.165277e-03
## SPAC4G9.07	-2.846313e-04	5.967865e-04	3.193697e-05	1.157179e-04
## SPAC4G9.08c	-4.703509e-03	8.150478e-03	-7.877828e-04	1.599824e-03
## SPAC4G9.13c	1.151099e-03	-1.851409e-03	-3.441654e-03	-2.660387e-03
## SPAC4G9.16c	-3.130756e-02	2.966549e-02	6.613578e-02	-2.939733e-02
## SPAC4G9.17c	-3.340346e-03	1.814644e-03	2.714083e-04	8.871252e-04
## SPAC4G9.22	2.464132e-04	-8.635778e-03	5.100174e-03	3.693416e-04
## SPNCRNA.811	2.254947e-04	6.974347e-05	1.214064e-04	-5.997653e-05
## SPNCRNA.190	9.414572e-04	-2.869102e-05	6.825992e-05	1.981227e-04
## SPAC13G7.07	-7.203305e-04	6.957566e-04	8.987255e-04	-1.354442e-03
## SPAC13G7.08c	-6.206698e-03	5.689296e-04	2.723593e-03	-1.832544e-03
## SPAC13G7.09c	-1.035334e-03	-1.077018e-03	-3.182669e-03	-2.158184e-03
## SPAC13G7.11	6.682728e-05	-2.498598e-03	-5.877944e-03	4.536756e-03
## SPAC6C3.02c	4.283665e-04	2.787770e-03	-8.707242e-03	-1.177229e-02
## SPAC6C3.04	-3.339394e-05	-2.545315e-03	-6.030987e-03	-9.979089e-03
## SPNCRNA.814	-1.952312e-04	-1.831766e-04	2.117816e-04	9.957921e-05
## SPAC6C3.06c	-6.275849e-04	2.631118e-03	-6.835100e-03	-4.700415e-03
## SPAC6C3.07	7.248920e-05	5.985056e-04	2.029744e-04	4.230538e-05
## SPAC17G8.01c	4.543329e-04	6.065081e-03	-6.224538e-03	-2.400212e-03
## SPAC17G8.02	-5.042580e-04	8.817561e-03	-3.590948e-03	-3.503608e-03
## SPAC17G8.05	-1.473329e-03	-6.206854e-04	-2.172665e-03	-1.976646e-04
## SPAC17G8.07	-2.121477e-03	-5.324277e-04	-4.302692e-03	1.043703e-03
## SPAC17G8.09	-1.690625e-03	4.212498e-04	7.436138e-04	-3.119468e-04
## SPAC17G8.10c	1.665188e-03	1.090184e-03	-2.489952e-03	-1.440228e-03
## SPNCRNA.817	-1.368967e-05	7.328833e-05	7.279336e-06	1.723750e-04
## SPAC17G8.12	6.022704e-03	7.059749e-05	-9.971065e-04	-1.322458e-03
## SPNCRNA.192	1.248164e-04	3.703174e-04	-2.666712e-04	-7.104660e-05
## SPNCRNA.819	-8.087128e-04	3.011807e-04	-7.546081e-04	5.980802e-04
## SPAC22H10.03c	2.576773e-03	-4.749414e-04	-5.879662e-03	5.656299e-03
## SPNCRNA.821	-5.972323e-04	-5.829589e-04	3.492596e-04	5.430980e-04
## SPAC22H10.13	-2.470179e-03	1.428915e-03	-3.752037e-03	2.271749e-03
## SPAC22H10.09	-2.607669e-03	-5.817354e-03	-7.078707e-03	6.777724e-03
## SPAC22H10.10	-6.762163e-04	-3.476117e-03	6.290953e-04	1.495802e-03
## SPAC15F9.02	1.695296e-03	4.053134e-03	-2.666061e-03	-9.263887e-03
## SPAC15F9.03c	-9.615307e-03	-7.724979e-03	-2.568310e-03	1.257162e-03
## SPAC1B9.02c	9.782261e-04	1.357197e-02	5.548734e-03	-1.162077e-02
## SPAC1B9.03c	-1.557565e-03	-6.886763e-03	1.338832e-02	9.843103e-03
## SPAC6B12.03c	-8.727160e-04	6.632695e-04	1.048932e-03	3.536370e-04
## SPAC6B12.18	-2.630938e-03	3.344804e-04	5.571533e-03	-8.776387e-04
## SPAC6B12.07c	5.217871e-03	1.844428e-03	2.776429e-03	-3.505465e-03
## SPAC6B12.08	4.777259e-04	-8.650438e-04	4.028698e-03	1.018107e-03
## SPAC6B12.13	1.103724e-04	1.825109e-03	-5.102145e-03	-1.531070e-03
## SPNCRNA.195	6.253898e-04	-2.595545e-04	-2.886736e-04	-2.685417e-04
## SPAC6B12.15	-4.648626e-02	6.527992e-02	3.156027e-02	2.699998e-02
## SPATRNALYS.03	-4.197387e-03	1.060804e-03	1.596737e-04	-2.152997e-04
## SPAC32A11.02c	1.184687e-02	-1.145394e-03	-8.443801e-03	2.635835e-02
## SPNCRNA.828	-1.674380e-03	1.699765e-03	2.078290e-03	-1.195589e-03
## SPNCRNA.829	-4.653355e-04	3.770061e-04	2.424274e-04	-1.180559e-03
## SPAC19A8.13	1.382759e-03	-1.877856e-03	3.530837e-03	-7.089984e-04
## SPAC19A8.12	1.422783e-03	1.669337e-03	-3.386709e-03	-2.092201e-03
## SPAC19A8.11c	9.765412e-04	-1.910925e-03	-4.177595e-03	-2.960381e-03

## SPAC19A8.10	2.966097e-03	-2.056363e-03	1.967996e-04	5.009444e-03
## SPAC19A8.09	1.943429e-03	1.266928e-03	7.296400e-04	-8.011848e-04
## SPAC19A8.08	7.844819e-04	-2.379727e-03	-2.754320e-03	-4.705594e-03
## SPNCRNA.286	4.683657e-05	-3.648937e-04	-2.701195e-05	2.786461e-04
## SPAC19A8.07c	3.910179e-03	4.135858e-03	-7.038175e-04	3.309503e-04
## SPAC19A8.05c	1.890484e-03	-1.405695e-04	2.455692e-03	4.509092e-03
## SPAC19A8.04	-4.649567e-03	-8.019586e-03	-1.754117e-03	1.502638e-02
## SPAC19A8.03	-7.841960e-03	2.988393e-03	4.332273e-04	-4.577693e-03
## SPAC19A8.02	-7.881517e-03	3.915481e-03	-2.129611e-03	4.493673e-04
## SPAC19A8.01c	-1.280652e-03	1.247039e-03	-4.557806e-03	-9.724018e-04
## SPAC23H3.04	1.326628e-03	-6.795408e-05	-1.685245e-04	9.377015e-04
## SPAC23H3.05c	-1.667313e-03	2.392945e-03	-4.876047e-04	-5.303636e-03
## SPAC23H3.06	-4.527142e-03	-3.804553e-03	-9.667918e-04	2.163875e-03
## SPAC23H3.08c	6.997868e-04	-1.584414e-03	-3.269600e-04	-6.394784e-04
## SPAC23H3.13c	-1.151080e-03	-1.304321e-03	-5.310248e-03	1.521033e-03
## SPNCRNA.197	1.087576e-07	5.775738e-05	2.061434e-04	-2.047530e-04
## SPNCRNA.831	1.207720e-04	-4.017975e-05	-5.934802e-06	-2.000137e-04
## SPAC23H3.15c	-3.002495e-02	8.268458e-03	-7.816842e-03	2.174199e-02
## SPNCRNA.833	-6.188613e-04	-1.746510e-03	4.642850e-04	2.732742e-06
## SPAC25H1.04	1.785884e-03	3.170394e-03	-2.286552e-03	-4.660709e-03
## SPAC25H1.05	6.211915e-04	-1.790276e-03	1.572486e-03	-5.917924e-04
## SPAC25H1.06	-3.795439e-05	1.158790e-03	3.765617e-03	1.972194e-03
## SPAC25H1.07	-1.316499e-02	-1.291932e-02	-1.041904e-02	-2.405153e-03
## SPAC25H1.08c	-6.487760e-03	-9.915432e-03	-3.153492e-03	-1.437213e-03
## SPAC4A8.04	-4.153656e-03	-1.062984e-03	-6.554548e-03	1.981919e-03
## SPAC4A8.05c	-1.738946e-02	-1.252121e-02	-1.372626e-02	-3.147390e-03
## SPNCRNA.836	-1.548328e-04	1.880695e-03	-1.372156e-03	-1.779019e-03
## SPNCRNA.837	8.438713e-05	4.972822e-04	2.311693e-03	-6.675787e-04
## SPAC4A8.07c	-2.161535e-03	-1.660314e-03	-8.246278e-03	4.811967e-03
## SPAC4A8.08c	-1.919954e-04	3.338651e-03	2.692380e-03	-5.786041e-05
## SPNCRNA.838	1.189965e-03	-1.949829e-03	5.443056e-05	1.776006e-03
## SPSNRNA.06	4.284722e-02	-2.381147e-02	-7.168174e-02	-9.550484e-02
## SPAC4A8.10	-4.231171e-03	1.002176e-03	5.533183e-04	4.436551e-03
## SPNCRNA.839	-1.987355e-04	1.126401e-03	4.637107e-04	-1.385813e-03
## SPAC4A8.12c	3.352697e-03	4.632922e-03	-1.047941e-03	2.564077e-03
## SPAC4A8.14	-1.127459e-03	-3.127599e-03	-9.493281e-03	-2.714835e-03
## SPATRNAILE.02	7.379031e-03	7.698440e-02	-9.390602e-03	4.749651e-02
## SPAC823.03	-8.852635e-03	3.940784e-03	1.893856e-03	-3.422844e-03
## SPAC823.07	3.058926e-04	1.933085e-03	6.771037e-04	7.638325e-05
## SPNCRNA.199	1.521528e-04	7.743059e-05	-4.836687e-05	-1.804989e-04
## SPAC823.11	-6.515278e-03	9.735645e-03	-1.662966e-03	8.969934e-04
## SPAC823.12	3.429485e-03	3.268812e-03	5.379595e-03	-5.109433e-03
## SPAC823.13c	-1.600971e-03	4.635336e-04	2.512720e-04	4.615591e-04
## SPAC823.14	4.132249e-04	-3.050863e-03	9.512156e-04	-1.008263e-03
## SPNCRNA.841	-5.796699e-04	2.399110e-03	2.848091e-04	1.091247e-03
## SPAC823.16c	-2.913324e-04	1.162558e-03	7.156213e-04	-1.593698e-03
## SPAC7D4.14c	-3.214157e-03	-2.738129e-04	-6.913877e-04	-1.411584e-03
## SPAC7D4.11c	-1.120209e-03	7.332813e-04	-5.712578e-03	4.208886e-04
## SPAC7D4.09c	-1.686761e-03	1.659051e-03	-1.149467e-03	-9.813437e-04
## SPAC7D4.08	4.990600e-05	3.089681e-05	4.391312e-05	3.113468e-04
## SPAC7D4.06c	1.176282e-03	-2.073032e-04	2.116910e-03	-1.975475e-03
## SPAC7D4.04	-5.663203e-04	1.872029e-03	-6.982665e-03	-4.160656e-03
## SPAC7D4.03c	4.253485e-03	3.048489e-03	-7.849243e-03	-7.701639e-03
## SPAC4F8.15	-7.555616e-03	6.606489e-03	-3.779907e-03	7.189766e-03

## SPAC4F8.14c	7.578154e-03	-3.369161e-02	-1.313546e-02	4.291582e-03
## SPNCRNA.843	-2.741061e-04	5.854089e-05	2.539105e-04	6.308989e-05
## SPAC4F8.12c	-2.980600e-03	1.059751e-02	-1.167655e-02	3.321563e-03
## SPNCRNA.326	3.546145e-05	1.235484e-04	5.085153e-05	4.069599e-05
## SPAC4F8.10c	1.148088e-03	6.374714e-04	-5.969798e-03	2.859616e-04
## SPNCRNA.200	2.051452e-04	2.343116e-04	-6.156863e-05	-3.008997e-04
## SPAC4F8.07c	-5.455288e-02	4.115346e-03	-1.340592e-02	-4.685567e-02
## SPAC4F8.03	1.539281e-03	2.978688e-03	4.166300e-04	2.343605e-03
## SPAC4F8.02c	-1.013102e-03	-1.401477e-03	-1.774711e-03	1.982053e-03
## SPAC4F8.01	-1.322545e-04	-1.524093e-04	-5.682741e-04	-6.169081e-04
## SPAC644.04	1.507478e-03	-1.811667e-03	-1.953147e-03	-2.676562e-03
## SPAC644.05c	2.520938e-03	-1.884403e-03	-3.795895e-03	-3.136085e-03
## SPAC644.08	2.975234e-03	2.728656e-04	2.071978e-03	2.388169e-03
## SPAC644.11c	3.042438e-03	-3.518031e-03	-6.091595e-03	5.647049e-03
## SPNCRNA.202	2.472937e-05	7.222748e-06	-3.151234e-05	4.249416e-05
## SPAC644.14c	7.037230e-04	-2.165980e-03	-1.867933e-03	1.351531e-03
## SPAC644.15	-2.700713e-02	2.102203e-02	3.060161e-02	-1.483014e-02
## SPAC644.16	5.912826e-04	-5.309610e-04	1.384659e-03	9.292940e-03
## SPNCRNA.845	-2.197266e-04	6.037058e-05	9.655489e-05	1.033395e-04
## SPAPB2B4.02	5.876027e-04	-3.103413e-03	-1.630418e-03	-4.264480e-03
## SPAPB2B4.03	6.404888e-03	4.341725e-03	-1.568376e-03	-2.814313e-03
## SPAPB2B4.04c	-6.255620e-04	6.813824e-03	-6.760171e-03	-4.708441e-03
## SPAC6F6.02c	-9.941046e-04	3.152120e-03	5.791428e-03	-4.986411e-03
## SPAC6F6.03c	2.998563e-03	8.493329e-03	-1.591555e-02	3.824565e-03
## SPAC6F6.04c	-2.838148e-03	-2.696391e-04	-4.580991e-04	-7.706479e-04
## SPNCRNA.848	-1.325721e-04	3.480749e-04	-3.277971e-04	-8.516156e-04
## SPAC6F6.08c	-2.128396e-04	-4.370645e-04	-1.195992e-03	-3.887486e-05
## SPAC6F6.09	-1.594980e-03	5.727046e-04	-1.090228e-03	4.751444e-03
## SPAC6F6.10c	-9.198792e-04	-1.936473e-03	-5.615337e-03	-3.074360e-03
## SPAC6F6.11c	-2.124279e-03	2.023264e-03	-1.867316e-03	-5.004313e-04
## SPNCRNA.849	1.546368e-03	-5.038556e-04	-1.702194e-03	-1.897398e-04
## SPAC6F6.13c	2.270602e-03	2.111761e-03	-3.242364e-03	-7.715597e-03
## SPAC6F6.17	-4.169663e-03	8.436013e-03	4.252789e-04	-6.580165e-03
## SPNCRNA.852	-5.453451e-05	-1.263914e-04	1.137339e-04	3.901587e-04
## SPAC1805.03c	4.889415e-04	-1.049652e-03	-1.279208e-03	1.050091e-03
## SPAC1805.04	-3.235377e-03	1.869560e-03	-9.255609e-03	-6.871593e-03
## SPAC1805.05	2.370683e-03	1.842887e-03	-1.623083e-02	-2.761221e-03
## SPSNORNA.52	-1.158518e-03	-7.400247e-03	1.434333e-03	1.148443e-02
## SPAC1805.11c	3.735907e-03	-1.007744e-02	-3.644880e-03	-1.754871e-02
## SPAC1805.14	-7.473383e-04	2.209670e-03	-4.250116e-03	3.552659e-04
## SPAC1805.15c	8.820034e-04	6.986199e-04	-1.150544e-03	-8.008398e-04
## SPAC1805.16c	1.347221e-03	3.222220e-03	-1.277628e-03	-1.249194e-03
## SPNCRNA.208	-1.327859e-04	-1.435724e-05	5.693260e-05	-3.257739e-05
## SPAC1805.17	-2.003792e-02	7.776916e-03	-6.722417e-03	-3.712429e-04
## SPAC1B2.06	6.047299e-04	2.274237e-03	-1.872413e-03	1.598865e-03
## SPAC3F10.02c	-2.276161e-03	1.144583e-03	-1.046760e-02	7.753450e-03
## SPAC3F10.05c	-6.569642e-04	-1.067354e-03	-3.250505e-03	4.965379e-04
## SPAC3F10.07c	-9.234570e-04	-8.507141e-04	1.112608e-04	6.416214e-04
## SPAC3F10.19	-1.380501e-03	-2.219811e-03	-2.779334e-03	9.987569e-04
## SPAC3F10.08c	-4.840319e-04	-2.906178e-03	-8.821511e-04	2.493117e-03
## SPAC3F10.10c	5.182257e-04	1.547876e-04	-6.254283e-04	3.369021e-04
## SPAC3F10.12c	-3.713816e-03	2.338663e-03	2.962585e-03	-1.089033e-03
## SPAC8F11.02c	-1.324168e-03	6.830940e-03	7.428114e-04	4.544067e-04
## SPAC8F11.05c	-4.123411e-04	7.615999e-04	5.027213e-04	2.682860e-04

## SPAC8F11.06	1.825545e-03	1.424523e-03	-1.724206e-03	4.406488e-04
## SPAC8F11.07c	-2.010169e-03	4.583574e-03	2.039725e-03	-3.582249e-03
## SPAC8F11.10c	-6.204872e-03	1.236357e-02	-6.420582e-03	1.781265e-03
## SPACUNK4.13c	-3.379200e-04	4.052626e-03	1.477783e-03	1.233572e-03
## SPACUNK4.10	5.687636e-03	3.491608e-03	4.865485e-03	-2.813583e-03
## SPNCRNA.858	-7.066558e-06	5.492693e-04	-6.624050e-05	3.379354e-04
## SPACUNK4.07c	-3.396527e-03	1.831148e-02	5.400587e-03	-8.958557e-03
## SPACUNK4.06c	-4.086211e-03	1.824432e-03	3.472477e-04	1.794087e-03
## SPAC513.01c	-1.930072e-02	1.960893e-02	-4.841692e-03	1.188990e-02
## SPAC513.02	-2.234705e-03	-1.813567e-03	1.123563e-04	4.669730e-03
## SPAC513.03	-1.348222e-03	-1.550406e-03	-5.634240e-04	8.526045e-04
## SPAC513.05	-9.981395e-04	3.313214e-03	2.507769e-03	3.427356e-04
## SPAC2E1P3.01	-2.358932e-03	1.251362e-03	-1.281260e-03	3.500482e-03
## SPNCRNA.859	3.019651e-04	3.248936e-04	1.765754e-04	-6.331877e-04
## SPAC2E1P3.04	5.255102e-03	-4.088963e-03	-1.030330e-03	-4.096911e-03
## SPAPB2C8.01	2.899731e-03	-6.791587e-03	-6.205625e-04	6.413207e-03
## SPNCRNA.864	-5.027939e-04	2.188654e-03	-6.984198e-04	5.038528e-04
## SPAPB24D3.05c	5.940874e-04	2.635541e-04	4.140631e-05	-5.217081e-04
## SPAPB24D3.06c	1.448227e-03	-3.125585e-03	-2.848631e-03	7.616060e-04
## SPNCRNA.865	-3.510391e-04	-7.037189e-04	-2.321453e-04	1.877164e-04
## SPAPB24D3.08c	6.137590e-03	-3.962147e-03	-1.942838e-03	4.617894e-03
## SPNCRNA.866	1.356576e-03	-2.208390e-03	-1.824420e-03	-2.413642e-03
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-2.157106e-04	5.429536e-04	8.291154e-04	5.571912e-05
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-1.206277e-03	-3.538972e-04	3.026727e-04	6.506174e-04
## SPAPB1A11.03	6.017388e-05	-2.149322e-03	-1.730762e-03	1.945358e-03
## SPAC31G5.01	-3.093078e-04	-9.840642e-04	1.787601e-03	-1.552840e-03
## SPAC31G5.03	1.076569e-02	6.589196e-03	5.949169e-03	-2.223863e-02
## SPAC31G5.05c	-2.015267e-03	1.656008e-04	-1.915451e-02	-5.823614e-03
## SPAC31G5.07	-7.623338e-05	1.881672e-03	1.006395e-03	5.389384e-04
## SPAC31G5.09c	6.359315e-04	-9.732751e-04	-1.063128e-03	1.921735e-03
## SPNCRNA.872	2.750073e-04	2.588154e-04	1.960496e-04	-3.301431e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-3.699736e-04	-2.856715e-03	8.773573e-04	1.187358e-03
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	1.898922e-04	5.221375e-04	1.319429e-04	5.470606e-05
## SPAC31G5.12c	3.084020e-03	-5.339287e-04	1.739223e-03	2.018987e-04
## SPAC31G5.13	-7.136458e-03	1.549403e-02	1.331345e-02	-8.710817e-03
## SPNCRNA.875	-1.198659e-04	-6.097446e-04	5.022399e-04	1.025200e-04
## SPAC31G5.15	-7.780872e-04	-5.267113e-03	-1.064251e-03	-1.195369e-03
## SPAC31G5.17c	1.581312e-02	-4.306777e-02	1.012903e-02	3.967326e-03
## SPAC1786.01c	-1.134476e-02	2.615061e-03	-1.098346e-02	-1.269583e-03
## SPAC1786.04	-7.075489e-05	3.651125e-04	2.309409e-04	-2.884378e-04
## SPNCRNA.878	6.151392e-05	-4.886108e-05	-2.808053e-04	7.474746e-04
## SPAC24C9.03	-5.739700e-04	-7.553769e-03	9.723627e-04	3.739174e-03
## SPAC24C9.16c	-1.125226e-03	3.054103e-03	-1.069806e-03	-2.401014e-03
## SPATRNASER.02	-1.541852e-05	-3.139827e-03	-3.979644e-03	1.157411e-02
## SPAC24C9.06c	-1.501204e-02	-1.987250e-02	-4.157343e-02	-2.734990e-02
## SPNCRNA.879	-2.081896e-05	-7.316228e-04	-1.155747e-04	1.587036e-04
## SPNCRNA.880	9.237984e-04	9.029649e-04	-2.102959e-03	-3.829871e-04
## SPNCRNA.212	-4.704386e-05	5.787384e-05	2.502058e-05	5.175940e-07
## SPAC24C9.09	1.675008e-03	-1.512681e-03	-1.430974e-03	7.042193e-03
## SPAC24C9.13c	1.054140e-03	-1.925926e-03	1.977544e-03	-1.990485e-04

## SPAC24C9.14	2.003289e-03	-7.031830e-04	-2.485540e-03	-2.150384e-03
## SPNCRNA.883	-2.976596e-04	-2.675907e-04	2.786817e-04	1.039146e-04
## SPAC24C9.15c	4.144293e-04	2.081743e-04	2.680174e-04	-4.285984e-04
## SPAC16A10.01	7.985981e-03	7.152378e-04	1.578790e-03	-2.542126e-03
## SPAC16A10.03c	1.415179e-04	1.518700e-03	3.649929e-03	2.828889e-04
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-1.440275e-04	-1.406657e-05	-2.733302e-04	-3.916094e-04
## SPAC16A10.04	3.099969e-03	-2.442565e-03	-2.531169e-03	1.212313e-04
## SPAC589.02c	-5.614163e-04	2.544679e-03	-3.132515e-04	-5.366578e-03
## SPNCRNA.886	1.316847e-04	5.090900e-04	-6.561343e-05	-2.139532e-05
## SPAC589.04	1.790371e-03	-5.239005e-04	-1.212480e-03	1.083463e-03
## SPAC589.05c	-1.472824e-03	2.349726e-03	3.463810e-03	3.424301e-04
## SPAC589.07c	4.224861e-04	1.042619e-03	3.945441e-04	-4.832547e-05
## SPNCRNA.560	5.826624e-04	5.062258e-04	-1.615672e-03	3.398001e-04
## SPAC589.09	-4.646724e-03	3.508422e-03	6.079056e-03	-4.509580e-03
## SPAC589.10c	7.028816e-02	2.474271e-02	-3.265166e-03	4.914342e-02
## SPAC589.12	7.269175e-03	4.009998e-03	-1.317660e-02	-2.385643e-03
## SPAC688.03c	1.937299e-03	2.628297e-04	-1.823708e-04	3.534210e-04
## SPAC688.04c	7.802583e-04	4.991068e-03	-1.158550e-03	-2.846674e-03
## SPNCRNA.887	1.347339e-03	-8.860810e-04	7.385039e-05	-1.095913e-04
## SPAC688.10	-1.302467e-03	3.798709e-05	-3.431760e-03	4.667902e-03
## SPAC688.11	-1.118694e-02	6.799526e-03	-8.203007e-03	3.740786e-03
## SPAC688.12c	-7.127848e-03	2.770061e-03	-3.865226e-03	-8.545282e-04
## SPAC3G9.16c	9.596593e-04	-2.212995e-03	6.247774e-04	-8.082701e-04
## SPAC3G9.14	7.023006e-04	-2.496043e-03	-3.753664e-03	-1.091070e-04
## SPAC3G9.12	4.689171e-04	-1.416781e-03	-6.431034e-03	2.439359e-04
## SPATRNAALA.03	-6.581079e-03	-4.301504e-03	-2.858716e-03	6.172783e-03
## SPAC3G9.10c	-1.491407e-04	9.954878e-04	1.686024e-03	-8.599124e-04
## SPRRNA.14	2.600089e-02	-2.623220e-03	-2.426096e-02	-4.114447e-02
## SPAC3G9.08	-2.655450e-03	3.475038e-04	-1.168029e-04	9.139101e-04
## SPAC3G9.05	2.509932e-04	2.189638e-03	-4.416444e-03	3.990063e-03
## SPAC3G9.04	-1.952654e-05	-2.009645e-03	-1.191505e-03	3.882920e-04
## SPNCRNA.893	5.797029e-02	-5.260875e-02	5.168820e-02	1.459187e-02
## SPNCRNA.87	1.788120e-04	-3.766886e-04	-2.136821e-04	3.927403e-04
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	1.064487e-03	-2.234304e-04	-1.247863e-03	1.768229e-03
## SPAC1486.02c	-1.661165e-03	7.163592e-03	-2.154911e-03	3.490620e-04
## SPAC1486.03c	1.993050e-03	2.310533e-03	1.028975e-03	2.835470e-03
## SPNCRNA.14	-2.555406e-04	-1.755418e-04	7.315965e-05	9.966528e-05
## SPAC1486.04c	-4.798409e-03	8.337276e-03	-5.890460e-03	-2.989189e-04
## SPAC1486.06	-4.219250e-03	6.623288e-03	7.085463e-03	3.832724e-03
## SPNCRNA.895	-3.844658e-04	-5.358100e-04	3.286015e-05	-1.512400e-04
## SPAC1486.09	-3.481398e-03	-2.519613e-03	5.459059e-03	1.547743e-03
## SPAC6G10.06	4.502258e-05	-4.924572e-06	-6.670068e-05	-3.095773e-05
## SPAC6G10.11c	1.252065e-01	1.068625e-02	1.774281e-02	6.958587e-02
## SPAC6G10.12c	3.144534e-04	-5.393201e-04	-6.260302e-04	5.772318e-04
## SPNCRNA.897	2.540105e-04	3.722506e-04	-2.445085e-04	-4.522157e-04
## SPAC6G9.01c	2.387804e-03	-2.681964e-04	2.663545e-03	-4.387021e-04
## SPAC6G9.04	-2.466033e-03	1.911127e-03	-1.298083e-03	-4.813779e-04
## SPAC6G9.05	1.504631e-04	6.221134e-03	-1.512026e-04	-1.863441e-03
## SPAC6G9.06c	-2.910553e-04	3.454410e-03	-2.255933e-03	3.547037e-05
## SPNCRNA.898	1.034762e-04	-3.475689e-04	5.788357e-05	-4.777644e-04
## SPAC6G9.07c	1.301196e-03	-3.536055e-03	-1.584494e-03	1.742013e-03
## SPAC6G9.08	-6.105169e-03	-5.500013e-03	4.249381e-03	-7.159969e-03

## SPAC6G9.10c	-1.871159e-02	2.056224e-02	3.061327e-03	-9.548244e-03
## SPAC6G9.11	4.864731e-05	1.011970e-03	-1.816904e-03	-5.755979e-03
## SPAC6G9.13c	1.238806e-05	-2.762372e-04	6.339133e-05	-5.515232e-04
## SPAC6G9.14	5.608764e-04	2.257089e-03	5.738478e-03	1.260673e-03
## SPAC6G9.16c	3.138469e-04	5.475198e-05	-1.822279e-03	-1.064353e-03
## SPAPB1E7.02c	2.178445e-04	-1.312782e-03	-2.676312e-03	-3.152507e-03
## SPAPB1E7.05	1.735350e-03	3.981363e-04	1.028201e-02	-1.275920e-02
## SPAPB1E7.08c	1.842024e-03	-3.285802e-03	-2.786353e-03	5.002144e-03
## SPAPB1E7.09	3.849016e-03	7.338043e-03	-6.797852e-03	-3.092219e-03
## SPAPB1E7.11c	3.092241e-03	1.833903e-03	-1.228999e-03	2.231728e-03
## SPAPB1E7.12	2.251397e-03	-8.747092e-03	2.460179e-02	2.400279e-02
## SPAPB1E7.14	2.088187e-03	1.776448e-03	1.771208e-03	-7.131299e-04
## SPAC2E1P5.02c	1.093875e-03	1.273348e-03	-2.873113e-03	-2.214793e-03
## SPAC2E1P5.04c	-3.194834e-03	3.067913e-04	-1.496593e-03	6.278298e-04
## SPAC26A3.01	-1.507432e-02	8.750200e-03	-1.450668e-02	3.044663e-02
## SPAC26A3.03c	-7.171412e-04	-1.790972e-04	2.691363e-03	2.185642e-03
## SPAC26A3.04	-2.255268e-02	-2.213637e-02	-1.484731e-02	9.374931e-03
## SPAC26A3.06	-2.836396e-03	-3.145659e-04	1.259039e-03	-2.087070e-03
## SPAC26A3.07c	-2.649248e-03	1.172740e-02	-1.746694e-02	-5.739515e-03
## SPAC26A3.12c	9.370794e-03	-5.844757e-04	-4.488636e-03	-5.735378e-03
## SPAC26A3.11	-3.600988e-03	8.782606e-03	2.244611e-03	5.808871e-03
## SPAC26A3.14c	-1.077710e-03	6.307320e-04	-2.083277e-03	8.106356e-04
## SPAC26A3.16	4.132514e-03	3.573395e-03	4.480006e-05	5.970573e-04
## SPAC26A3.17c	-4.885798e-03	-4.709334e-03	6.380490e-03	-1.785695e-03
## SPNCRNA.902	-5.984243e-04	5.661661e-05	-7.232343e-05	-1.693212e-04
## SPAC8E11.10	1.379017e-02	1.083760e-02	-1.177898e-02	4.788721e-03
## SPAC8E11.07c	-6.632163e-05	2.740086e-03	-4.718700e-04	-1.338970e-03
## SPAC8E11.05c	-7.174434e-04	4.850176e-03	-3.186699e-03	-2.982806e-03
## SPNCRNA.905	5.088761e-05	-2.225809e-05	-3.618659e-05	-2.530998e-04
## SPAC8E11.01c	-2.123945e-03	-9.214507e-04	8.265633e-04	2.070444e-04
## SPAC959.04c	1.662474e-03	-3.969642e-03	-2.291318e-03	5.426399e-03
## SPAC959.10	2.773408e-04	-1.115800e-03	1.963170e-03	1.483746e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-1.112694e-04	1.327114e-03	-1.699850e-05	-1.518817e-04
## SPAC959.08	-2.846803e-02	1.872419e-02	4.731031e-03	4.078874e-02
## SPNCRNA.907	1.424935e-03	-1.459573e-03	-1.385020e-03	9.149480e-04
## SPAC3H5.12c	1.969179e-02	7.948807e-02	-6.862323e-02	-2.432768e-02
## SPAC3H5.11	2.107554e-04	4.453291e-03	4.132890e-05	1.304366e-03
## SPAC3H5.13	7.473246e-04	1.789229e-03	2.548907e-03	-1.083704e-04
## SPAC3H5.09c	-3.655359e-03	4.683674e-03	-1.763448e-02	-4.213109e-03
## SPAC3H5.07	1.769225e-03	3.454105e-02	7.080678e-03	-9.282108e-03
## SPAC3H5.04	-1.722648e-03	2.918246e-03	-1.650363e-03	-8.183683e-04
## SPAC3H5.05c	-1.796425e-03	3.251016e-03	-3.237011e-03	5.491072e-03
## SPAC3A11.14c	1.327382e-03	9.719902e-06	-4.424038e-03	1.712282e-03
## SPNCRNA.561	-1.792688e-04	-1.964563e-04	5.255225e-05	9.173545e-05
## SPATRNAARG.01	4.729363e-03	-1.004910e-03	1.471390e-03	-3.882768e-03
## SPNCRNA.908	-2.415339e-04	7.374053e-04	-6.620260e-04	-4.741506e-04
## SPAC3A11.11c	-6.451272e-04	3.030515e-03	-1.697211e-03	2.369651e-03
## SPAC3A11.08	-2.138234e-03	8.801140e-03	-3.094275e-03	3.103415e-03
## SPAC3A11.07	5.739283e-03	-4.693759e-03	-2.754506e-03	4.649606e-03
## SPAC3A11.06	9.203506e-04	1.656831e-04	-2.181835e-03	3.496668e-04
## SPAC328.01c	1.471540e-03	-2.092588e-03	-1.002172e-02	-8.726727e-03
## SPAC328.02	4.183464e-03	5.464270e-03	1.136559e-03	-2.443821e-03
## SPNCRNA.911	-2.461058e-04	-5.494027e-04	-3.898225e-04	-4.463993e-04

## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	-2.579964e-02	-7.623741e-03	-5.082188e-03	1.179517e-02
## SPAC328.07c	1.354520e-03	-6.365305e-03	-3.240871e-03	3.181588e-03
## SPAC328.09	1.990754e-03	-4.228517e-04	-2.198481e-03	-1.038382e-03
## SPNCRNA.912	-2.838269e-05	-3.664145e-06	-1.639872e-04	2.769158e-05
## SPNCRNA.913	-8.480240e-05	-3.079834e-04	-6.326009e-07	-7.691454e-05
## SPAC16E8.01	-2.294297e-03	-5.317418e-03	-9.269733e-03	4.197186e-03
## SPAC16E8.04c	-5.796457e-03	4.508499e-03	-5.560305e-03	-1.006499e-03
## SPNCRNA.914	-7.122216e-04	1.552075e-04	1.265307e-03	-6.809873e-04
## SPNCRNA.562	-2.503854e-04	1.402627e-05	-2.536077e-04	2.852131e-04
## SPAC16E8.08	1.690723e-04	-9.384291e-04	3.360077e-04	1.084795e-03
## SPAC16E8.10c	8.662936e-05	1.671510e-03	-3.152745e-03	-1.175897e-04
## SPAC16E8.11c	-2.326964e-03	2.658300e-03	-1.415331e-03	2.643386e-03
## SPAC16E8.18	2.774040e-04	7.262053e-04	-1.888446e-04	1.481238e-03
## SPAC16E8.12c	-3.339662e-04	-4.009751e-04	-3.400945e-05	4.161486e-04
## SPAC16E8.14c	2.101300e-03	2.445863e-03	-2.618032e-03	1.530454e-03
## SPAC16E8.16	3.574771e-03	2.922741e-03	-3.360863e-03	-2.287540e-03
## SPAC16E8.17c	1.474514e-03	-1.171287e-03	-3.653626e-03	-1.830613e-03
## SPAC1B1.02c	6.263298e-04	1.055640e-03	-3.499310e-03	-1.093503e-03
## SPAC1B1.03c	1.556768e-03	1.928343e-02	-7.254081e-04	-1.349478e-02
## SPAC1B1.04c	-1.888791e-03	5.835773e-03	6.565327e-04	-2.366289e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-7.381078e-04	2.381189e-04	-7.766762e-04	6.913499e-04
## SPAC17A2.03c	-9.839634e-03	1.304780e-02	-1.741054e-03	-7.357370e-03
## SPNCRNA.917	2.656761e-05	2.651978e-05	-7.421554e-06	-1.633496e-05
## SPNCRNA.918	-9.441979e-05	-6.590455e-04	3.146673e-04	3.007663e-04
## SPAC17A2.12	-5.451075e-04	2.052258e-03	-1.856738e-03	3.470158e-03
## SPAC17A2.13c	-9.225883e-04	1.387839e-02	1.240766e-02	1.232826e-02
## SPNCRNA.919	-1.721435e-04	2.133001e-04	-8.318454e-05	1.374417e-04
## SPAC17A2.14	8.573947e-03	1.750116e-03	-8.769514e-03	4.829122e-03
## SPNCRNA.600	6.230306e-04	-3.155834e-04	-2.368289e-04	-5.903143e-04
## SPAC17G6.07c	-1.125709e-03	3.230120e-03	-3.934316e-04	-1.568487e-03
## SPAC17G6.09	-3.743164e-03	-7.538322e-03	-1.061768e-03	-3.550694e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	-1.423609e-04	-5.927801e-03	-1.652726e-03	-4.405413e-04
## SPNCRNA.922	4.757783e-04	-2.163715e-04	1.449464e-04	-7.280791e-04
## SPAC1142.03c	-1.405747e-03	2.833788e-03	1.603753e-03	-3.889924e-03
## SPRRNA.16	-6.985891e-03	-1.626040e-03	-2.206129e-03	-4.509135e-03
## SPNCRNA.924	8.644220e-07	2.445388e-05	2.836133e-05	4.403977e-05
## SPAC8C9.03	-4.609631e-03	-7.814898e-03	4.542546e-03	6.692680e-03
## SPAC8C9.05	-2.066741e-03	-2.366906e-03	-3.020750e-03	7.347426e-04
## SPAC8C9.06c	3.438409e-03	-3.712064e-03	-6.828016e-03	-3.980782e-03
## SPAC8C9.10c	7.043767e-04	-6.735097e-04	1.194763e-03	-5.683174e-03
## SPAC8C9.16c	1.846415e-03	2.265438e-04	-2.837141e-03	4.471806e-04
## SPAC15A10.01	3.242042e-03	-1.311513e-03	-2.453135e-03	6.024384e-03
## SPAC8C9.17c	1.150590e-03	1.276423e-03	-8.412876e-04	2.709845e-03
## SPAC15A10.02	-7.778603e-04	8.736690e-03	1.130802e-03	-7.665658e-03
## SPAC15A10.03c	-4.942755e-03	1.596416e-03	-1.296795e-03	-2.002044e-03
## SPAC15A10.04c	8.636293e-03	2.027572e-03	-1.111664e-02	-4.161513e-03
## SPAC15A10.05c	-1.826443e-03	-1.303257e-03	-6.379279e-05	8.813628e-05
## SPAC15A10.07	2.872636e-03	-5.665612e-04	-1.969256e-03	-8.721319e-04
## SPAC15A10.10	1.747766e-03	-3.127564e-03	-3.010313e-04	-1.889955e-03
## SPATRNPAPHE.01	-1.127915e-02	-3.320128e-03	-1.363323e-02	2.629902e-02
## SPATRNAVAL.04	-1.275219e-02	1.467050e-02	-3.952896e-03	6.077148e-03

## SPNCRNA.929	-1.352338e-04	1.456129e-04	2.860263e-04	-1.421440e-04
## SPAC15A10.15	-1.778769e-03	8.439183e-04	-3.973471e-03	-2.259103e-03
## SPAC15A10.16	1.747569e-03	-1.181006e-03	1.723681e-03	-9.588141e-06
## SPAC15E1.02c	-6.869457e-04	8.772463e-03	-3.561467e-04	2.654406e-03
## SPAC15E1.04	-4.138139e-03	2.247746e-03	-7.519745e-03	1.519566e-03
## SPAC15E1.06	2.301131e-03	2.446419e-03	4.629902e-03	1.446664e-03
## SPAC15E1.07c	-1.784226e-04	-2.613654e-05	-2.594729e-04	7.899377e-05
## SPAC15E1.08	2.070750e-03	3.385924e-03	-6.829759e-04	2.712467e-03
## SPNCRNA.931	-3.150502e-04	2.150653e-04	4.242059e-04	-2.653381e-04
## SPNCRNA.524	-1.721929e-04	1.357436e-04	-1.297918e-04	-1.728053e-05
## SPAP7G5.03	1.571068e-03	-8.720266e-04	-5.206506e-03	-5.672182e-04
## SPAP7G5.04c	-1.407667e-02	-4.553946e-02	-2.937634e-02	5.704800e-03
## SPNCRNA.933	2.782383e-04	-7.467248e-05	4.153539e-05	2.232489e-04
## SPAP7G5.06	-3.687993e-03	5.678637e-03	-9.989902e-03	-2.101821e-03
## SPATRNAPHE.02	-2.074826e-02	-2.457841e-02	2.884528e-02	-1.675269e-02
## SPATRNAALA.04	4.175705e-04	-2.636832e-04	-9.183145e-04	1.346602e-03
## SPATRNAGLU.03	-5.583049e-03	5.853259e-03	-5.458387e-03	4.759501e-03
## SPATRNAILE.04	1.104462e-04	4.772455e-04	3.657674e-04	-3.919332e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	5.487527e-06	-2.122889e-04	-5.678089e-05	-1.008790e-04
## SPAP4C9.02	8.926135e-04	-2.933972e-03	-1.163782e-04	4.465813e-04
## SPNCRNA.936	-3.759156e-04	-2.468817e-04	-4.306831e-05	6.247256e-04
## SPAC1556.02c	8.475061e-03	7.438758e-03	-1.671878e-03	-1.896829e-02
## SPAC1556.06	-2.696185e-04	1.191926e-03	-1.457797e-03	-2.960125e-04
## SPAC1556.07	3.743894e-02	3.545421e-03	-2.021177e-02	-1.027028e-02
## SPAC1556.08c	-2.465349e-03	-1.357117e-03	2.656123e-04	-3.406243e-03
## SPAC1F12.06c	1.000751e-03	1.500246e-03	1.493023e-03	-2.938633e-04
## SPAC1F12.08	9.715647e-04	2.123914e-03	-9.148487e-04	-1.406901e-03
## SPAC1F12.09	-3.149724e-03	1.210160e-03	-3.378692e-03	-3.552898e-03
## SPAC1F12.10c	-2.264238e-03	4.118051e-03	1.195277e-03	-3.015559e-03
## SPAC4H3.17	2.597862e-04	-9.898449e-05	-1.534881e-06	-3.681747e-05
## SPAC4H3.02c	4.419735e-04	3.197287e-04	-5.987433e-04	-1.203395e-03
## SPNCRNA.938	-5.151875e-04	-6.505050e-05	1.867249e-04	-1.208086e-04
## SPRRNA.17	-8.807222e-03	5.744338e-03	-2.167950e-03	-7.300833e-03
## SPAC4H3.04c	8.814125e-04	1.474662e-03	3.842488e-04	-6.612056e-04
## SPAC4H3.05	8.490317e-06	1.518426e-03	-1.602841e-03	7.018277e-04
## SPAC4H3.16	1.831899e-03	2.485853e-04	-1.374934e-03	1.307973e-03
## SPNCRNA.939	1.541701e-03	4.101105e-04	1.201534e-03	1.100895e-03
## SPAC4H3.07c	2.214594e-03	3.252040e-03	2.767041e-03	4.236648e-03
## SPNCRNA.940	2.701748e-06	-7.211069e-05	5.420588e-04	6.713682e-05
## SPAC4H3.08	-6.882098e-03	4.200062e-04	1.119551e-03	2.961107e-03
## SPAC4H3.10c	-3.409932e-02	6.237876e-02	-1.030177e-02	-6.642941e-02
## SPAC4H3.11c	-1.966053e-03	5.922371e-03	-1.590564e-03	2.109529e-03
## SPAC4H3.13	2.197674e-03	-1.661496e-03	-4.354248e-03	-2.561842e-03
## SPAC4H3.14c	1.474224e-03	4.145779e-04	2.168752e-03	6.844832e-04
## SPAC1071.04c	-9.640393e-04	-3.711017e-03	9.236295e-04	1.746908e-04
## SPAC1071.07c	-3.355856e-02	-4.421878e-02	1.032047e-02	2.184404e-02
## SPAC1071.09c	-2.312994e-03	3.301331e-03	2.722948e-03	-5.322471e-04
## SPNCRNA.92	-7.447335e-06	-1.713220e-06	1.112967e-05	1.232524e-05
## SPNCRNA.944	2.666991e-04	6.918086e-04	2.674678e-04	-1.379172e-03
## SPAC1071.11	-5.053734e-05	1.568083e-03	1.794752e-03	-1.309692e-03
## SPNCRNA.947	1.411422e-04	1.534809e-03	1.983598e-04	-2.575388e-04
## SPAC926.06c	-4.468231e-03	-1.879096e-03	-2.887769e-03	-2.258013e-03

## SPAC926.07c	-9.866040e-04	1.258602e-03	-2.836083e-03	7.758753e-04
## SPAC926.08c	-1.306346e-03	-4.068717e-04	6.751582e-03	4.698530e-03
## SPAC323.02c	-2.526252e-03	1.306000e-02	3.722448e-03	2.889817e-03
## SPAC323.03c	-2.070978e-03	3.245431e-03	-3.272322e-03	-8.608123e-04
## SPAC323.04	-3.059776e-03	6.058192e-03	7.002686e-04	6.172385e-04
## SPAC323.05c	-1.524154e-03	2.171645e-03	-2.926039e-03	-1.188280e-03
## SPAC323.08	3.691772e-04	7.588087e-04	1.527223e-04	-6.323345e-04
## SPAC2F3.01	-5.531155e-03	3.824316e-04	-2.577387e-03	2.858906e-03
## SPAC2F3.17c	-5.095731e-05	-4.515756e-03	-9.922370e-04	2.009090e-03
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	6.896242e-03	1.408373e-02	-2.297473e-03	-6.013365e-03
## SPAC2F3.10	-1.030111e-04	9.247052e-03	-5.961186e-03	-2.277371e-03
## SPAC2F3.13c	2.894025e-03	5.436745e-03	-2.734058e-03	4.047705e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	-2.632497e-04	8.805991e-04	-6.592677e-04	-1.379688e-03
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	2.491116e-03	-2.714663e-03	-2.327247e-03	-4.667460e-03
## SPAC2F3.16	-1.166250e-03	1.568877e-03	-1.759543e-04	-1.657743e-03
## SPAC11G7.05c	9.255523e-05	-9.985170e-05	-2.498831e-05	2.690386e-03
## SPAC11G7.06c	-4.527232e-04	2.524506e-03	-1.714544e-03	-1.203528e-03
## SPNCRNA.952	-9.936340e-04	-6.073981e-04	-3.174574e-04	5.664364e-04
## SPAPB18E9.02c	-3.007065e-03	3.257366e-03	-8.618415e-04	6.308177e-04
## SPNCRNA.953	-8.365051e-04	-1.644489e-03	6.018701e-04	3.080336e-04
## SPAPB18E9.04c	2.390220e-03	-1.268228e-03	-1.218050e-03	1.492825e-03
## SPNCRNA.954	-6.344666e-04	-7.703629e-04	1.640556e-04	-1.630621e-03
## SPAPB15E9.06	-1.092745e-03	-5.739122e-04	-8.111780e-04	4.360883e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-4.622042e-03	-1.303489e-04	-1.348121e-03	5.035221e-04
## SPNCRNA.955	-2.810360e-04	6.805748e-04	3.614988e-04	-5.313985e-04
## SPAC27E2.03c	-1.451715e-04	4.116573e-03	2.531595e-03	-1.382577e-02
## SPAC27E2.11c	-5.707196e-05	1.012415e-04	-6.897908e-05	1.082685e-04
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	4.972419e-05	6.753416e-04	-5.932545e-05	6.697404e-05
## SPAC27E2.12	6.289267e-05	2.885247e-04	3.479221e-04	-5.966777e-05
## SPAC27E2.06c	3.620904e-03	-1.881604e-03	-6.642421e-04	8.716032e-04
## SPAC27E2.07	1.354052e-03	2.140366e-03	1.369062e-03	-2.728043e-03
## SPAC27E2.08	1.201452e-05	2.003063e-04	-1.973149e-04	1.544296e-04
## SPAPJ698.02c	2.744465e-03	-1.752817e-02	8.830196e-04	-7.170177e-03
## SPAC19G12.01c	1.030246e-03	-3.507693e-04	-7.390640e-04	-3.575570e-05
## SPAC19G12.03	2.876109e-04	1.153644e-03	-5.660703e-05	-1.637611e-03
## SPNCRNA.956	2.562618e-05	3.349897e-04	7.570136e-05	3.802272e-04
## SPAC19G12.05	2.484390e-04	2.452384e-03	-3.796292e-03	4.923769e-03
## SPAC19G12.10c	2.724628e-02	4.148603e-02	-4.579657e-02	2.509917e-03
## SPAC19G12.17	9.337002e-04	1.218066e-03	-2.351784e-03	-7.020716e-04
## SPAC19G12.11	1.368747e-04	4.556648e-03	6.141552e-04	8.012122e-03
## SPAC19G12.12	-7.897492e-05	-1.730465e-03	-1.723728e-03	-1.294710e-04
## SPAC19G12.15c	1.937410e-03	1.335583e-02	3.848896e-03	-1.289799e-02
## SPAC19G12.16c	5.263584e-03	3.647849e-03	5.290961e-03	-1.612785e-02
## SPAC23A1.02c	-3.193377e-03	4.118751e-03	-3.387964e-03	1.291663e-03
## SPAC23A1.03	-1.200138e-02	1.862792e-02	-1.490002e-03	-7.803855e-03
## SPAC23A1.04c	6.906182e-04	-2.369746e-04	-8.646200e-04	7.872841e-04
## SPAC23A1.05	-1.084381e-03	5.018423e-04	7.233062e-05	8.301304e-03
## SPAC23A1.06c	1.136740e-03	1.931662e-03	1.219556e-03	-2.006106e-04

## SPAC23A1.09	-4.121503e-04	1.353409e-03	-3.642243e-03	1.672798e-03
## SPNCRNA.957	1.106043e-04	-3.281202e-04	1.317832e-05	2.795586e-04
## SPAC23A1.11	-2.553680e-02	1.497234e-02	-8.764763e-03	8.512340e-05
## SPAC23A1.12c	1.424600e-02	-5.267170e-04	7.372845e-03	8.526452e-03
## SPNCRNA.958	8.246325e-04	-3.223555e-03	1.338552e-03	3.841614e-04
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	-1.884020e-03	2.018388e-03	-1.557154e-03	-8.858470e-05
## SPAC23A1.17	-2.987943e-03	7.151834e-04	-1.141519e-03	-3.253892e-03
## SPAC23A1.18c	1.390151e-03	2.572507e-03	-3.370873e-03	4.515102e-05
## SPAC23A1.19c	-6.354621e-03	1.773270e-03	-4.313148e-03	-3.589717e-03
## SPAC26H5.02c	-1.122982e-03	4.518696e-04	-2.723051e-03	-6.111910e-04
## SPAC26H5.03	-2.016756e-03	-3.647031e-04	1.551108e-03	-2.445314e-04
## SPNCRNA.959	1.927836e-04	3.058836e-04	6.443143e-04	-9.316797e-05
## SPNCRNA.960	-1.121003e-04	9.705251e-05	-2.659301e-04	-7.693202e-04
## SPAC26H5.05	2.649349e-03	3.394644e-03	2.468245e-03	4.180421e-03
## SPAC26H5.06	-3.183321e-04	-9.249772e-04	4.449459e-04	5.105610e-03
## SPNCRNA.963	4.971894e-04	4.174718e-04	5.513776e-04	3.603636e-05
## SPAC26H5.11	1.455186e-03	-2.495256e-03	-6.950655e-03	6.742531e-04
## SPAC26H5.12	-2.160627e-03	1.065518e-02	-6.181949e-04	-5.761076e-03
## SPAC26H5.13c	-4.346896e-03	3.887505e-03	1.061644e-03	-7.124195e-04
## SPAC25B8.01	-9.942934e-04	1.915926e-03	-4.146046e-03	-5.750423e-05
## SPAC25B8.06c	-1.341100e-03	1.620912e-03	-3.906572e-03	1.448574e-04
## SPAC25B8.08	-2.971414e-03	-3.988134e-03	-2.193093e-03	1.446665e-03
## SPNCRNA.966	4.518673e-04	1.041100e-03	-2.968829e-04	-6.786120e-04
## SPAC25B8.09	-2.343580e-03	-5.145477e-03	-2.557141e-04	1.637758e-03
## SPAC25B8.12c	1.329847e-03	5.158316e-03	-9.542149e-03	-3.066341e-02
## SPAC25B8.17	-1.119935e-03	-5.406092e-04	-3.966196e-03	1.510961e-04
## SPAC25B8.18	-1.696011e-05	5.056017e-04	-1.828517e-03	-1.678090e-03
## SPAC25B8.19c	2.041477e-03	6.333210e-04	6.206853e-04	-1.086101e-03
## SPAC683.03	1.168261e-04	-1.328011e-04	-5.862573e-05	9.524100e-05
## SPNCRNA.969	-8.722835e-04	-7.197782e-04	1.593668e-03	6.567254e-04
## SPAC683.02c	-7.111618e-04	-5.819383e-03	-2.501440e-03	5.448948e-04
## SPAC694.02	2.618575e-03	4.519570e-02	-3.325670e-02	-2.197606e-02
## SPAC694.05c	-4.124694e-02	-1.318018e-02	-4.732342e-02	2.846607e-02
## SPAC694.06c	-2.851925e-03	-9.325719e-04	-7.770194e-04	-2.061239e-03
## SPAC1F7.01c	-2.491225e-03	1.220996e-02	-1.373642e-02	-1.103416e-02
## SPAC1F7.14c	1.689917e-03	-1.473750e-04	-5.004206e-04	5.037005e-04
## SPAC1F7.04	-7.400404e-03	-7.955313e-03	5.027421e-03	-3.282199e-03
## SPAC1F7.05	9.912581e-03	-3.539154e-02	2.547875e-02	-3.043946e-02
## SPNCRNA.973	5.716427e-04	2.315214e-04	-5.939568e-04	-2.630417e-04
## SPNCRNA.243	-1.227888e-04	-1.266073e-04	6.387547e-06	-1.179832e-04
## SPAC1F7.08	3.103118e-02	1.523728e-02	3.225493e-02	5.534784e-02
## SPAC1F7.09c	-7.020346e-04	-1.095611e-05	-3.302017e-03	-1.885251e-03
## SPAC1F7.13c	7.369763e-02	-5.728550e-02	2.243844e-02	9.675774e-02
## SPAC21E11.04	1.057050e-03	2.739655e-03	1.589510e-04	3.215156e-04
## SPAC21E11.06	3.065965e-04	-1.448023e-03	6.329941e-03	-5.146757e-03
## SPNCRNA.13	-2.230484e-04	-2.810029e-04	-1.296920e-04	1.210620e-04
## SPAC21E11.07	2.859691e-03	-3.274311e-04	-4.155909e-03	-5.245179e-04
## SPAC2C4.03c	-1.035426e-03	-2.072108e-03	2.268611e-04	1.607028e-03
## SPAC2C4.04c	-1.813212e-03	2.016999e-03	-1.105513e-03	-2.596578e-03
## SPNCRNA.98	1.978692e-02	-3.488936e-02	2.987455e-02	1.590579e-02
## SPAC2C4.07c	7.411931e-04	-2.814823e-03	-4.036634e-03	7.367055e-04
## SPAC2C4.09	4.786209e-04	-4.121111e-04	5.795487e-05	2.753840e-04
## SPAC2C4.10c	1.071628e-03	-1.347017e-04	-2.623242e-03	2.192998e-04

## SPAC2C4.13	-3.068909e-04	-2.183669e-03	-3.691545e-03	-5.237503e-03
## SPAC2C4.17c	-1.875536e-03	-8.993673e-03	1.802088e-02	1.289400e-02
## SPAC25G10.02	3.257111e-04	-7.438627e-04	-9.497360e-04	-1.458592e-03
## SPAC25G10.03	-1.069192e-03	-1.677784e-03	4.362869e-03	-3.490035e-04
## SPAC25G10.04c	-1.422307e-03	-9.855976e-04	-2.278402e-03	2.544149e-04
## SPAC25G10.08	4.719772e-03	-5.831850e-02	-1.500669e-02	-1.709643e-02
## SPAC27F1.05c	9.683383e-04	1.403196e-03	-3.115316e-03	1.347232e-03
## SPNCRNA.977	1.202095e-03	2.599160e-04	-1.851958e-04	-2.247464e-04
## SPAC27F1.10	3.553663e-04	-5.728714e-04	2.566943e-04	7.861412e-04
## SPNCRNA.978	-1.193580e-04	5.728343e-04	-2.269852e-04	2.333333e-04
## SPAC27F1.06c	-6.645044e-03	1.611174e-03	5.251970e-03	3.207539e-03
## SPAC23D3.04c	1.057494e-02	1.088094e-02	-3.385011e-03	-3.810263e-03
## SPAC23D3.05c	2.312781e-03	-3.660067e-03	1.656291e-03	-1.901872e-05
## SPAC23D3.06c	-1.613857e-03	-4.603030e-03	1.730377e-03	-3.227653e-03
## SPAC23D3.07	2.951042e-03	1.979928e-02	6.603310e-03	4.008097e-03
## SPAC23D3.09	1.497863e-03	3.362178e-03	-2.568521e-03	2.946234e-04
## SPAC23D3.10c	4.050695e-03	-2.356322e-03	-7.752308e-03	-7.323423e-03
## SPNCRNA.244	1.361586e-04	-1.770701e-04	5.583884e-05	-1.945676e-04
## SPAC23D3.12	1.018304e-03	5.129893e-03	-3.202459e-02	-3.896383e-03
## SPAC23D3.16	-1.141516e-03	-4.413687e-05	-6.492912e-04	-1.965024e-04
## SPAC23D3.13c	2.167044e-03	7.621798e-03	-8.484646e-03	-6.094455e-03
## SPAC23D3.14c	1.921833e-03	6.807749e-04	-1.170576e-03	-2.437174e-04
## SPNCRNA.982	-1.118380e-03	3.006841e-03	-7.231710e-04	-3.740490e-04
## SPAC1527.01	-5.056377e-03	-1.832116e-03	-3.207924e-03	4.629533e-03
## SPAC1527.02	1.632802e-04	-9.387635e-04	-2.250454e-03	3.221330e-04
## SPAC1527.03	5.119532e-05	6.403358e-03	5.191566e-04	1.277054e-03
## SPAC30.03c	2.863098e-03	1.606624e-04	-9.266878e-04	3.608455e-03
## SPNCRNA.983	4.493006e-05	-1.030310e-04	-1.672793e-04	2.840997e-05
## SPNCRNA.984	-1.946174e-04	9.777328e-04	1.106754e-03	6.220733e-05
## SPNCRNA.246	-6.894341e-05	-6.702847e-05	-1.395187e-05	-4.954861e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	-1.416206e-03	2.390784e-03	-4.226351e-04	-1.861425e-03
## SPAC29E6.06c	7.273306e-04	-6.985125e-03	-1.546685e-02	6.788296e-03
## SPAC29E6.09	9.183623e-04	3.006253e-03	-2.223485e-03	9.530401e-04
## SPAC29E6.10c	-3.604622e-03	-2.427687e-03	-1.578697e-02	4.111476e-04
## SPAC16.02c	4.310420e-03	-9.161309e-03	-6.460266e-03	-3.010930e-03
## SPNCRNA.247	-1.185538e-04	1.378336e-04	-7.588903e-06	-4.351136e-05
## SPAC16.04	-3.683678e-03	3.032169e-03	-7.086859e-03	1.878054e-03
## SPNCRNA.99	-1.351082e-03	-4.916307e-04	1.187794e-03	1.530732e-03
## SPAC9E9.02	-7.272510e-04	-1.815794e-03	-1.322342e-03	5.871128e-04
## SPNCRNA.988	-2.022645e-04	1.077066e-03	9.153146e-04	-2.021886e-04
## SPAC9E9.05	3.804343e-04	-3.117601e-04	1.262198e-03	-1.699673e-03
## SPAC9E9.06c	-2.310396e-03	1.575366e-02	8.909065e-03	-8.063193e-03
## SPAC9E9.07c	-3.976218e-03	4.506725e-03	-5.173044e-03	2.575029e-04
## SPAC9E9.08	-3.714513e-03	7.360905e-04	-2.506175e-03	-5.856244e-04
## SPNCRNA.990	-9.455394e-05	-6.942352e-04	-6.684699e-04	1.382313e-04
## SPAC9E9.10c	-2.046821e-03	-2.035862e-03	-4.536313e-03	-1.592672e-03
## SPAC9E9.11	2.602150e-02	-1.064642e-03	4.374323e-04	9.512467e-03
## SPAC9E9.12c	-2.499702e-04	2.176541e-03	-1.583706e-03	3.605923e-03
## SPAC9E9.13	3.569733e-02	2.864306e-04	-7.294173e-03	-1.818630e-02
## SPAC9E9.14	-8.024520e-04	3.955250e-03	8.803656e-04	-8.961119e-04
## SPAC17C9.16c	5.898912e-03	2.742927e-03	-1.846315e-04	1.219243e-04
## SPAC17C9.15c	-2.344963e-03	1.405953e-03	-3.771151e-04	2.587826e-04
## SPAC17C9.13c	-1.895523e-03	5.786236e-03	-7.694677e-03	2.629798e-03

## SPAC17C9.12	-4.088894e-03	5.037393e-03	-1.108595e-03	1.827443e-03
## SPAC17C9.11c	-1.388913e-03	-2.355165e-03	-8.783305e-04	1.820204e-03
## SPAC17C9.09c	2.101246e-04	8.112096e-03	8.781730e-03	-5.450527e-03
## SPAC17C9.08	-6.399867e-03	-2.903036e-03	-4.088317e-03	-1.519409e-03
## SPAC17C9.06	-2.511799e-03	-9.880153e-05	-9.168017e-04	2.164813e-03
## SPAC17C9.03	9.982673e-03	-2.545410e-02	-9.496017e-03	8.157357e-03
## SPAC17C9.02c	-1.312849e-03	-3.014259e-03	-9.398059e-05	2.543389e-04
## SPAC1851.02	-5.275186e-03	2.031951e-04	-2.772002e-03	1.585875e-03
## SPAC1851.03	-1.505671e-03	-5.813759e-04	-1.886468e-04	1.850238e-03
## SPNCRNA.992	-1.003617e-03	-1.240423e-05	-1.514159e-03	-1.264312e-03
## SPAC27D7.03c	7.970119e-04	1.188024e-03	-5.038581e-04	4.153286e-04
## SPAC27D7.04	-2.669234e-03	7.396533e-04	-9.558131e-04	-1.557906e-03
## SPAC27D7.05c	1.261116e-03	1.497752e-03	-9.602052e-04	2.043894e-04
## SPAC27D7.07c	2.763566e-03	-4.225110e-03	7.247297e-03	-6.226981e-04
## SPAC27D7.08c	1.208742e-03	-1.516492e-04	-1.938654e-03	1.087254e-04
## SPAC27D7.09c	-1.028077e-02	9.118000e-03	1.253844e-02	9.402355e-03
## SPAC27D7.11c	-2.931496e-02	3.016248e-03	-5.292195e-03	1.595613e-02
##	[,33]	[,34]	[,35]	
## SPAC212.11	6.264156e-06	-1.070903e-03	3.694211e-04	
## SPAC212.09c	1.120391e-03	2.878478e-04	-1.401800e-03	
## SPNCRNA.70	-2.706407e-05	8.831178e-06	5.788925e-06	
## SPAC212.12	8.243495e-05	-9.390859e-05	1.401025e-05	
## SPAC212.04c	-2.601221e-03	-7.645541e-04	-1.583864e-03	
## SPAC212.03	1.382062e-06	-5.820135e-05	8.975445e-06	
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	
## SPAC212.01c	-5.918761e-05	-1.012218e-04	-2.138498e-05	
## SPAC977.03	2.985672e-06	-7.535391e-05	-4.286747e-05	
## SPAC977.04	1.206525e-05	-2.202178e-05	1.675384e-04	
## SPAC977.05c	4.272489e-05	-3.553935e-05	9.319685e-05	
## SPNCRNA.136	1.564757e-05	-5.019389e-05	1.503885e-06	
## SPNCRNA.601	2.764599e-04	-2.150157e-04	-3.486118e-04	
## SPAC977.07c	-1.049712e-04	-1.324217e-05	-2.341185e-04	
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	
## SPAC977.11	5.609917e-04	-2.241913e-03	2.391576e-03	
## SPAC977.13c	1.919609e-03	9.099710e-04	-5.133125e-04	
## SPAC977.15	7.090417e-04	-2.253363e-04	1.827991e-03	
## SPAC977.16c	-2.401074e-03	1.754604e-03	3.255265e-03	
## SPNCRNA.37	3.006237e-05	-8.600768e-05	1.442544e-05	
## SPAPJ695.01c	8.469759e-05	1.283957e-04	4.307081e-05	
## SPNCRNA.76	1.075216e-04	-2.848476e-04	-6.754659e-05	
## SPNCRNA.603	1.671387e-04	1.261625e-04	1.545472e-04	
## SPNCRNA.607	-1.617322e-03	4.178004e-04	-6.215024e-04	
## SPAC1F8.06	1.907764e-03	-2.659154e-03	6.164279e-05	
## SPAC1F8.08	4.329691e-04	-9.567926e-04	-1.840948e-03	
## SPAC11D3.19	-1.010350e-03	-5.265133e-04	6.002030e-04	
## SPAC11D3.01c	1.023432e-02	2.298683e-03	1.641643e-02	
## SPNCRNA.608	1.545292e-04	1.322016e-03	2.237581e-03	
## SPAC11D3.02c	7.972193e-03	-2.869067e-03	4.379178e-03	
## SPAC11D3.03c	8.596190e-04	-1.757804e-03	-1.222241e-03	
## SPAC11D3.05	-5.158041e-03	-2.625306e-03	-4.484844e-03	
## SPAC11D3.07c	3.109385e-03	-1.075487e-05	-1.463489e-03	
## SPAC11D3.08c	7.685395e-04	-4.113349e-04	3.341831e-03	
## SPAC11D3.11c	4.279037e-03	1.484600e-03	3.997017e-03	

## SPAC11D3.14c	3.755786e-05	-1.692294e-03	2.064234e-03
## SPNCRNA.609	-2.021357e-03	-2.038372e-03	-3.788418e-03
## SPNCRNA.147	6.497105e-05	-6.567258e-05	5.495649e-05
## SPNCRNA.610	3.630322e-04	3.126916e-04	-3.343188e-04
## SPAC11D3.16c	4.590696e-03	4.952878e-06	-2.172233e-03
## SPAC11D3.18c	6.769911e-05	-8.648824e-04	6.767351e-04
## SPNCRNA.612	-1.540812e-03	-8.647120e-04	9.953021e-04
## SPAC5H10.01	-1.174541e-04	-2.578171e-04	2.281014e-03
## SPAC5H10.03	1.554169e-02	2.300618e-02	2.116556e-02
## SPAC5H10.04	-8.378092e-04	2.498589e-03	1.913263e-03
## SPAC5H10.06c	5.352633e-03	-3.921573e-03	9.438827e-03
## SPAC5H10.08c	3.840398e-03	-2.875372e-03	-2.370951e-03
## SPAC5H10.09c	2.683792e-03	2.126339e-03	-3.977168e-04
## SPAC5H10.10	-2.578531e-03	-3.618539e-05	7.033944e-03
## SPAC5H10.11	-3.376275e-04	5.534498e-04	-7.626583e-04
## SPAC5H10.12c	-2.658798e-03	-2.713855e-03	-5.561763e-03
## SPAC5H10.13c	1.323401e-04	-8.840550e-03	3.039410e-03
## SPNCRNA.617	7.678026e-04	-2.551797e-04	-6.417228e-04
## SPAC13G6.01c	-9.867051e-04	3.874606e-03	9.241561e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	-2.555287e-03	-5.511365e-03	4.565158e-03
## SPNCRNA.618	-4.052191e-04	-1.093520e-04	-1.067252e-03
## SPNCRNA.620	5.799261e-05	3.627580e-04	-4.425118e-05
## SPAC13G6.14	5.237251e-03	-2.911676e-03	-1.741930e-03
## SPAC13G6.15c	3.812029e-03	1.837101e-03	4.664248e-03
## SPNCRNA.621	5.818565e-04	1.827494e-04	1.607912e-03
## SPAC24B11.05	-2.642085e-03	-3.363305e-04	-4.980777e-03
## SPAC24B11.08c	4.703702e-03	8.248265e-04	-1.345593e-03
## SPNCRNA.142	7.820082e-05	-5.721842e-05	1.754980e-04
## SPAC24B11.09	6.657118e-03	-2.768366e-03	6.685462e-03
## SPAC24B11.11c	1.789150e-03	-6.878902e-03	-9.662450e-03
## SPAC24B11.12c	-1.043998e-02	-9.557076e-03	1.065183e-02
## SPNCRNA.624	-7.766134e-04	1.927792e-03	-1.083542e-03
## SPAC806.02c	1.124699e-02	-1.677850e-03	6.751393e-03
## SPNCRNA.625	-4.396783e-05	5.598905e-05	1.179522e-03
## SPAC806.11	-1.349002e-04	-3.309249e-04	1.783352e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	6.880388e-04	-3.658727e-03	1.701755e-03
## SPNCRNA.627	-2.233870e-04	-1.300818e-06	-3.239967e-04
## SPNCRNA.628	1.532498e-04	-8.909254e-05	9.039369e-04
## SPAC806.06c	-4.748604e-04	-6.395624e-03	-1.058399e-03
## SPAC806.07	3.484945e-03	-1.283171e-03	-7.026524e-03
## SPNCRNA.630	-7.496689e-04	-2.206083e-04	1.782256e-03
## SPAC1F5.11c	1.224454e-02	-1.834951e-02	-2.633297e-03
## SPNCRNA.632	7.017099e-05	1.569717e-04	1.618974e-04
## SPNCRNA.633	4.390211e-04	4.162867e-04	3.336024e-04
## SPAC1F5.07c	-1.694464e-03	-1.862402e-03	2.017393e-03
## SPAC1F5.04c	-3.010542e-03	-8.029256e-03	4.017431e-03
## SPAC1F5.02	-9.451791e-03	-8.456668e-03	-3.518768e-02
## SPNCRNA.148	5.751980e-05	2.950957e-05	3.063494e-05
## SPAC18B11.10	5.904045e-03	-6.534635e-03	-4.530823e-03
## SPNCRNA.27	-4.551836e-06	1.768306e-05	-7.677753e-06
## SPNCRNA.635	9.393975e-05	-2.167432e-04	-2.852110e-04
## SPAC18B11.09c	1.640675e-03	2.938174e-04	5.925828e-04

## SPAC18B11.08c	-3.337206e-03	-5.343162e-04	-1.367689e-03
## SPAC18B11.07c	-6.333336e-03	-1.772537e-03	5.008197e-03
## SPAC18B11.04	5.207750e-04	-6.507153e-05	-2.569439e-03
## SPNCRNA.636	-3.532979e-03	-3.294915e-04	2.725124e-03
## SPAC18B11.02c	3.909023e-03	1.133295e-03	-7.418347e-03
## SPAC12G12.15	-4.154964e-04	-3.211946e-03	-2.395871e-03
## SPNCRNA.637	-4.560713e-04	6.376596e-05	-7.161624e-04
## SPAC12G12.14c	3.208350e-03	2.491084e-03	2.626243e-03
## SPNCRNA.638	-1.454246e-04	-1.625417e-04	-1.266010e-04
## SPAC12G12.10	2.808169e-03	-7.556925e-03	5.729613e-04
## SPAC12G12.09	5.182126e-03	1.717434e-03	1.340820e-03
## SPAC12G12.06c	4.671783e-05	-2.351794e-03	-8.477635e-03
## SPNCRNA.639	8.656457e-05	1.050989e-04	-7.320285e-05
## SPAC12G12.03	-2.598042e-03	7.834621e-03	-9.178552e-03
## SPAC630.05	-1.824401e-03	5.530753e-03	-2.026652e-03
## SPAC630.15	4.171288e-04	-2.168090e-03	-1.449741e-03
## SPATRNPAPRO.01	1.432908e-03	-1.378470e-03	-9.484136e-04
## SPAC630.11	3.539119e-03	3.180478e-03	-4.888403e-03
## SPAC630.12	-2.232620e-03	1.696954e-03	4.128888e-03
## SPAC630.13c	-1.048977e-03	-2.751923e-03	1.439811e-03
## SPAC630.14c	1.143757e-02	1.087046e-02	3.387689e-03
## SPAC1751.01c	-9.860895e-04	-3.278675e-03	1.627566e-03
## SPAC1751.04	-1.197969e-03	-3.006577e-03	-1.213470e-03
## SPAC1751.02c	-2.168537e-03	-3.102941e-03	-3.731447e-03
## SPAC31A2.02	2.076151e-04	-2.359683e-03	1.629710e-03
## SPNCRNA.643	-3.814375e-04	1.321003e-03	4.822391e-04
## SPAC31A2.03	-5.413140e-03	5.394090e-03	5.071624e-04
## SPAC31A2.04c	-5.219913e-03	1.841689e-03	6.434682e-03
## SPAC31A2.06	1.311679e-04	2.976876e-03	5.153480e-03
## SPAC31A2.07c	-3.433182e-03	-3.110529e-03	1.511744e-02
## SPAC31A2.09c	8.167565e-04	9.338529e-04	-6.111570e-04
## SPAC31A2.11c	8.034751e-04	-6.791401e-03	4.580581e-03
## SPAC31A2.12	2.239406e-03	3.649703e-04	-5.019113e-03
## SPAC31A2.13c	-1.458248e-03	3.747320e-03	2.587913e-04
## SPAC31A2.14	2.496013e-03	-2.402417e-03	-4.512167e-03
## SPAC31A2.16	5.409553e-04	-1.375269e-03	1.749164e-03
## SPAC13C5.01c	-1.710782e-03	3.598356e-03	2.561468e-03
## SPNCRNA.644	-3.998160e-04	-3.274109e-04	5.447137e-05
## SPAC13C5.04	-1.257523e-02	-7.414699e-03	-2.943060e-03
## SPNCRNA.645	1.482145e-03	3.432718e-05	-2.109777e-04
## SPAC13C5.05c	-4.084154e-03	1.247225e-03	-1.039979e-03
## SPAC13C5.06c	4.380315e-03	1.324661e-03	3.846881e-03
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	1.267853e-01	-5.885727e-02	4.639286e-02
## SPAC23E2.02	-6.331371e-04	2.127111e-03	-2.542066e-03
## SPRRNA.11	3.224270e-03	8.051811e-02	2.233980e-02
## SPAC24H6.12c	1.286844e-03	7.016267e-04	-4.985157e-03
## SPAC24H6.11c	1.191732e-03	2.299084e-03	-2.939720e-04
## SPNCRNA.652	1.289187e-03	-2.355387e-04	1.381797e-04
## SPAC24H6.09	-2.255284e-03	1.036609e-02	-1.311305e-03
## SPAC24H6.07	9.190844e-03	5.537613e-02	-1.801987e-02
## SPAC24H6.06	-1.579052e-04	2.584875e-03	-3.824208e-04
## SPAC24H6.04	-2.597872e-03	-4.257350e-02	-1.709958e-02
## SPNCRNA.653	3.986827e-04	-2.574488e-04	2.177509e-04

## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	4.717054e-04	-4.793942e-04	-3.223972e-03
## SPNCRNA.654	3.865527e-04	8.999934e-05	-9.870267e-05
## SPAC24H6.01c	4.606179e-03	-5.776881e-03	-3.491116e-03
## SPAC227.19c	8.015773e-04	-4.038988e-04	-1.437773e-03
## SPNCRNA.655	2.531646e-03	1.541460e-03	-2.679669e-03
## SPAC227.05	2.897024e-03	2.176951e-03	-8.849688e-03
## SPAC227.06	3.137559e-03	3.010902e-03	-2.557768e-05
## SPAC227.07c	-1.269471e-03	5.643998e-03	1.173550e-03
## SPNCRNA.657	-1.606947e-03	2.251985e-03	2.519764e-03
## SPAC227.08c	-3.922380e-03	2.503956e-03	-7.667983e-03
## SPAC227.09	9.404867e-04	-3.800646e-03	-1.244835e-03
## SPAC227.10	1.665915e-03	7.914408e-04	-1.051729e-02
## SPAC227.11c	-5.859320e-04	-5.083252e-04	6.717876e-04
## SPAC227.12	2.787445e-03	2.962701e-03	6.207006e-03
## SPAC227.13c	-7.511617e-03	-4.357121e-03	-8.669817e-03
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	-1.152152e-03	-7.080675e-05	6.552388e-04
## SPAC2F7.04	-1.464427e-03	-1.655835e-03	-1.863840e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	-7.469409e-04	4.671991e-04	-3.896606e-04
## SPNCRNA.661	-2.037039e-04	-9.044513e-05	8.887324e-04
## SPAC2F7.13c	1.348141e-03	-1.266274e-02	-1.160240e-02
## SPAC2F7.15	1.043689e-03	-6.042520e-03	-9.529804e-04
## SPAC13A11.01c	2.988903e-03	-7.053075e-03	-5.438348e-03
## SPAC13A11.03	-5.282954e-03	1.020232e-02	1.226721e-02
## SPAC13A11.04c	-2.320471e-03	-1.097109e-03	-1.776861e-03
## SPAC13A11.05	1.724822e-03	-2.522310e-03	-5.772797e-03
## SPAC3H8.02	-3.890489e-03	-5.236562e-03	-1.641236e-03
## SPAC3H8.03	9.627653e-04	6.313356e-04	3.196440e-03
## SPNCRNA.663	2.047619e-04	3.673385e-05	-4.850292e-04
## SPAC3H8.04	-6.557648e-04	3.856642e-03	1.144448e-03
## SPNCRNA.156	7.987600e-05	-5.466065e-05	-2.240626e-04
## SPAC3H8.08c	-2.082160e-03	-1.093044e-03	1.906471e-03
## SPNCRNA.667	2.951549e-04	3.086164e-04	2.069428e-03
## SPAC3H8.10	-1.882669e-02	2.087733e-03	1.080275e-02
## SPAC1F3.01	-2.206628e-04	1.756868e-03	1.643078e-03
## SPAC1F3.02c	-4.804431e-03	1.317638e-03	6.577605e-03
## SPAC1F3.03	5.757407e-03	3.081698e-03	1.105390e-03
## SPAC1F3.04c	-1.487813e-03	-8.598895e-04	-3.720799e-03
## SPAC1F3.05	1.687828e-03	1.377979e-04	8.264016e-04
## SPAC1F3.06c	-5.774216e-03	-1.807828e-02	5.516438e-04
## SPAC1D4.01	2.720660e-03	1.151721e-03	-1.945145e-03
## SPAC1D4.02c	3.787846e-03	-5.030905e-03	6.765536e-03
## SPAC1D4.03c	-3.024767e-04	-2.681063e-03	1.698313e-03
## SPNCRNA.670	-2.896083e-04	1.111358e-03	5.412552e-04
## SPAC1D4.05c	3.816126e-03	-5.533804e-03	3.459217e-03
## SPAC1D4.07c	-4.181104e-04	-2.712748e-04	-2.181838e-04
## SPAC1D4.10	1.279009e-03	-4.807037e-03	7.827910e-03
## SPNCRNA.671	-1.313478e-03	1.101217e-03	1.615562e-03
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC1D4.12	4.007630e-03	-8.447706e-04	7.936530e-03
## SPAC1D4.14	-4.062335e-03	-3.508870e-03	-8.859257e-03
## SPAC22F3.13	-8.504298e-04	-1.895009e-03	-6.078442e-04
## SPNCRNA.675	3.962220e-04	6.665994e-04	-6.898037e-04
## SPNCRNA.158	1.277382e-04	-1.419698e-04	-2.193188e-04
## SPAC22F3.11c	1.595712e-03	4.285774e-03	-1.309478e-03
## SPAC22F3.10c	2.012958e-04	-3.412044e-03	1.058135e-02
## SPAC22F3.08c	-6.041125e-04	4.767703e-03	8.018836e-03
## SPAC22F3.07c	1.237046e-03	-5.060476e-04	-2.166893e-03
## SPAC22F3.05c	9.107865e-03	-6.276817e-04	5.185258e-03
## SPNCRNA.676	1.714138e-04	3.244548e-05	-6.651120e-05
## SPAC22F3.03c	2.627237e-03	-2.813938e-03	-3.212631e-03
## SPAC1296.03c	3.628329e-04	1.016317e-03	1.640230e-03
## SPAC1296.04	-1.170734e-03	-3.593754e-03	3.611270e-03
## SPAC1296.05c	-6.761259e-03	-2.352060e-03	2.614214e-04
## SPAPJ696.02	5.927795e-03	-1.464276e-02	-1.744446e-03
## SPAC22G7.01c	4.566549e-03	-2.084779e-03	5.973563e-03
## SPNCRNA.677	-1.928125e-04	6.572778e-04	1.696363e-03
## SPAC22G7.03	6.529089e-04	-1.436684e-03	4.437265e-04
## SPNCRNA.678	1.143880e-03	6.589597e-04	-4.419014e-05
## SPAC22G7.05	2.614064e-03	1.542162e-03	-1.984365e-03
## SPAC22G7.09c	-1.540506e-03	8.363367e-04	-3.101514e-04
## SPAC22G7.10	1.659612e-03	-3.728993e-03	9.331548e-03
## SPAC4G8.02c	4.775566e-03	-4.520925e-03	8.884738e-04
## SPAC4G8.03c	-6.363179e-04	-2.706340e-03	5.578726e-05
## SPAC4G8.06c	-2.099116e-03	-2.591668e-03	1.692316e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-2.433680e-03	1.393558e-03	-5.578301e-04
## SPAC4G8.11c	-9.542342e-04	-1.865042e-03	3.740880e-03
## SPAC4G8.12c	1.109823e-03	-8.160583e-05	-2.066801e-04
## SPAC4G8.13c	-1.122724e-03	-2.881750e-03	-3.450557e-03
## SPAC16C9.05	2.761834e-03	-3.310669e-03	-6.086059e-03
## SPAC2G11.02	-7.319427e-04	-1.465540e-02	3.026151e-04
## SPAC2G11.03c	2.658329e-03	-3.341579e-03	-2.792416e-04
## SPAC2G11.06	5.667562e-03	-8.862269e-03	-1.626857e-03
## SPNCRNA.688	-5.369124e-04	1.157670e-03	1.302138e-03
## SPAC2G11.07c	1.532653e-03	1.337930e-02	3.559010e-03
## SPAC2G11.09	-8.461870e-04	1.921429e-03	5.528588e-03
## SPAC2G11.12	3.274865e-03	-1.067354e-02	4.371208e-03
## SPNCRNA.691	-5.839362e-04	-9.099840e-05	4.520602e-04
## SPNCRNA.692	2.042013e-04	5.881892e-04	-2.565474e-03
## SPAC521.02	4.560073e-03	3.134604e-04	-4.577281e-03
## SPAC521.03	5.045593e-02	-2.442924e-03	-1.190307e-02
## SPAC521.05	1.388933e-02	-2.138886e-02	-4.977461e-02
## SPAC23G3.01	9.133369e-03	-1.094356e-02	-2.608831e-03
## SPNCRNA.694	-3.508227e-04	-5.908425e-04	3.353500e-04
## SPAC23G3.04	-8.633861e-04	-2.515490e-03	1.399475e-03
## SPAC23G3.06	2.329751e-03	2.428575e-02	3.522814e-03
## SPAC23G3.07c	-4.288326e-04	-1.357227e-03	-2.169405e-03
## SPAC23G3.08c	8.211355e-04	-1.309266e-03	5.787715e-03
## SPAC23G3.10c	8.105541e-03	-3.024705e-03	-3.830773e-04
## SPAC22H12.01c	-3.390705e-03	-3.561635e-03	-7.033510e-03
## SPAC22H12.02	1.391519e-03	-4.189858e-03	3.447970e-03
## SPAC22H12.05c	1.501933e-03	7.072816e-04	9.072357e-03

## SPAC1687.01	-1.551585e-03	-2.021283e-03	-4.237227e-03
## SPAC1687.04	1.512131e-05	-2.338658e-03	-2.524905e-03
## SPAC1687.05	3.392504e-03	-2.394416e-03	-5.122417e-03
## SPAC1687.06c	-1.641898e-02	-5.690041e-03	1.014752e-02
## SPNCRNA.696	-6.072773e-04	-4.967028e-05	7.120560e-06
## SPAC1687.11	1.202228e-02	1.256940e-02	8.154540e-03
## SPAC1687.12c	1.392551e-03	-7.826191e-03	4.480241e-04
## SPAC1687.14c	2.931795e-04	-1.886579e-03	-7.179968e-04
## SPAC1687.16c	1.855114e-03	-2.778249e-03	-2.125325e-03
## SPNCRNA.160	1.715693e-04	-7.157040e-05	1.806982e-04
## SPATRNAALA.01	1.037740e-03	5.641711e-04	1.386452e-03
## SPAC1687.17c	-9.522451e-04	1.822595e-03	1.160976e-03
## SPAC1687.18c	-3.429787e-03	-2.399127e-04	-4.416045e-04
## SPAC1687.19c	2.063701e-03	-3.907826e-04	1.556544e-03
## SPAC1687.20c	-1.587868e-04	1.719174e-03	1.643789e-03
## SPAC222.03c	-3.350902e-03	4.538851e-03	6.677278e-03
## SPAC222.19	-8.833355e-04	-1.852992e-03	-1.660515e-03
## SPAC222.04c	5.946614e-03	-1.450595e-03	2.059879e-03
## SPAC222.06	5.991757e-06	2.751871e-03	-1.121393e-03
## SPAC222.07c	1.291687e-03	-2.814794e-03	-6.286906e-03
## SPAC222.08c	-3.034224e-03	1.382278e-03	6.795977e-03
## SPSNRNA.02	-4.896268e-02	-7.397782e-02	-5.149810e-02
## SPAC222.17	-2.453200e-03	-4.374630e-04	8.206558e-04
## SPNCRNA.701	8.252318e-04	9.844388e-04	2.959850e-04
## SPAC222.15	4.584646e-04	-1.885380e-03	8.099280e-04
## SPAC222.18	-1.347671e-03	4.517362e-04	5.369980e-04
## SPAC222.16c	8.645147e-04	7.270290e-04	2.504015e-03
## SPAC821.05	-2.670071e-02	9.387435e-03	4.293764e-03
## SPNCRNA.702	-5.713549e-04	1.074361e-03	-8.363269e-04
## SPAC821.06	1.695481e-03	-4.293275e-04	1.762653e-03
## SPNCRNA.703	1.442444e-04	1.543718e-03	9.197271e-04
## SPAC821.08c	-7.429160e-03	-2.339440e-02	-4.961530e-03
## SPAC821.09	1.338621e-03	-4.323188e-02	-2.605717e-02
## SPAC821.10c	3.612768e-02	-3.172284e-02	-2.133752e-02
## SPAC821.12	5.780443e-03	-4.399060e-05	-2.278641e-03
## SPNCRNA.220	-1.149681e-04	-3.296530e-04	-1.439917e-04
## SPAC139.01c	7.136332e-04	2.415175e-03	1.232406e-03
## SPNCRNA.704	-2.277248e-03	-5.498385e-04	1.339004e-03
## SPAC139.02c	1.149483e-02	4.084826e-05	-5.747253e-03
## SPAC23C4.03	-1.563971e-03	-1.214309e-02	-5.203944e-03
## SPAC23C4.05c	-9.871546e-03	-9.645854e-04	5.612171e-03
## SPAC23C4.06c	7.741163e-03	2.018048e-03	8.545603e-03
## SPAC23C4.09c	5.158672e-03	-6.669337e-03	-3.965229e-03
## SPAC23C4.10	1.907830e-03	-7.509730e-04	8.018773e-04
## SPAC23C4.11	8.598088e-04	-4.535861e-04	1.981957e-03
## SPAC23C4.13	-1.272933e-03	-1.699676e-03	3.904747e-03
## SPAC23C4.14	5.611179e-04	-5.082830e-03	-4.708679e-03
## SPAC23C4.15	-3.635757e-03	-5.960889e-03	1.969539e-03
## SPAC23C4.17	3.428138e-04	-6.643139e-03	-5.990544e-03
## SPAC23C4.18c	-4.443145e-04	4.397335e-04	2.988345e-03
## SPAC1A6.01c	1.069474e-03	1.554486e-04	-2.224415e-03
## SPAC1A6.02	1.472478e-03	-4.256046e-03	8.604783e-03
## SPAC1A6.03c	1.664438e-02	1.448554e-03	9.150018e-04
## SPAC1A6.04c	3.025261e-02	-2.748826e-02	2.442221e-02

## SPNCRNA.710	3.772300e-04	-4.055705e-04	9.263876e-04
## SPAC1A6.06c	1.047045e-03	-6.620959e-04	-3.313805e-04
## SPAC1A6.08c	-2.445300e-04	3.689076e-03	-4.188414e-04
## SPAC30D11.14c	2.561332e-03	2.467148e-03	5.986239e-03
## SPATRNASER.01	-2.997041e-03	-9.568818e-03	-1.000369e-03
## SPATRNAMET.01	2.099849e-03	7.568508e-04	-7.810274e-04
## SPNCRNA.711	-3.098809e-04	-2.891067e-04	3.858238e-04
## SPAC30D11.07	-1.640703e-03	3.009414e-05	9.112132e-04
## SPAC30D11.06c	3.941744e-04	-2.235731e-03	3.391641e-03
## SPAC30D11.05	-9.675375e-04	-1.247147e-03	-3.861249e-03
## SPAC30D11.02c	5.613603e-04	1.087305e-03	-8.770087e-04
## SPAC56F8.02	-3.258146e-03	1.038263e-02	4.573107e-03
## SPAC56F8.04c	-2.313230e-03	-4.590446e-04	1.280753e-03
## SPAC56F8.06c	-2.014690e-03	7.465135e-04	2.408659e-03
## SPAC56F8.09	-1.161994e-04	5.239951e-03	2.813943e-03
## SPNCRNA.716	1.467978e-03	-1.518740e-03	-1.901179e-04
## SPAC56F8.12	5.829795e-06	-5.556283e-04	5.396684e-05
## SPAC56F8.16	-2.028213e-03	-3.635308e-03	4.567660e-03
## SPAC22A12.02c	5.712653e-04	1.762972e-04	2.348167e-04
## SPAC22A12.04c	-8.702907e-03	1.582111e-02	8.857873e-03
## SPNCRNA.717	8.444503e-05	1.943513e-04	3.175235e-04
## SPAC22A12.07c	-4.109835e-03	-1.913716e-02	4.457684e-03
## SPAC22A12.08c	-6.093527e-03	-1.034208e-02	3.474507e-03
## SPAC22A12.10	-5.386572e-03	1.048509e-02	-1.639843e-03
## SPAC22A12.09c	-1.405408e-03	3.539680e-03	-4.461545e-03
## SPAC22A12.11	-3.545700e-03	-9.770921e-03	-9.385177e-03
## SPAC22A12.12c	-3.295545e-04	-2.345768e-03	-3.995789e-03
## SPAC22A12.14c	-1.055376e-04	2.640475e-03	-3.110018e-03
## SPNCRNA.719	7.437447e-05	9.436943e-06	1.298549e-04
## SPAC22A12.17c	6.956775e-02	-6.814262e-02	2.780069e-02
## SPNCRNA.168	-2.558660e-04	-2.676337e-04	3.615415e-04
## SPNCRNA.720	6.950214e-04	4.429275e-04	-2.804298e-04
## SPNCRNA.721	2.129650e-03	-8.703488e-04	1.102436e-04
## SPAC4C5.02c	6.117594e-04	7.305958e-04	3.115890e-03
## SPAC4C5.03	4.407576e-03	3.365696e-03	8.779706e-04
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	-2.443435e-02	-9.921931e-03	3.734236e-02
## SPNCRNA.724	-4.128085e-03	7.339641e-04	1.000885e-03
## SPAC10F6.02c	5.591565e-03	1.694981e-03	8.999949e-04
## SPAC10F6.05c	-3.373618e-03	4.779831e-04	-6.799537e-03
## SPNCRNA.725	-4.291530e-04	2.033817e-04	-9.937474e-04
## SPAC10F6.10	-3.628187e-03	3.175807e-03	-1.341784e-03
## SPNCRNA.726	-1.456235e-04	-3.010455e-04	8.555484e-04
## SPAC10F6.15	7.038211e-05	1.989119e-03	-1.920754e-03
## SPNCRNA.432	2.918336e-04	1.162079e-05	2.897490e-04
## SPAC10F6.17c	2.796311e-03	-3.108208e-03	-1.595269e-03
## SPAC56E4.03	6.134816e-03	2.144861e-03	1.143919e-02
## SPAC56E4.07	-2.877855e-03	4.905486e-03	-9.119684e-03
## SPNCRNA.730	1.101534e-04	-7.782731e-05	-4.382425e-04
## SPAC1420.02c	5.576915e-03	-4.083980e-03	-1.103744e-02
## SPAC1420.03	-3.001236e-04	4.889576e-03	-1.030680e-03
## SPAC1420.04c	1.833241e-04	2.355893e-04	1.465184e-03
## SPNCRNA.731	3.997478e-05	2.114301e-04	1.661227e-04

## SPAPB17E12.02	2.961047e-04	1.072113e-04	5.520997e-04
## SPAPB17E12.03	7.297246e-04	-4.621306e-04	-2.161492e-03
## SPAPB17E12.05	3.005192e-03	1.724232e-02	-4.180485e-03
## SPAPB17E12.11	-4.349497e-03	-1.518661e-03	3.419760e-03
## SPNCRNA.732	6.663959e-04	-3.864043e-04	1.146024e-03
## SPNCRNA.733	-2.941981e-04	1.455845e-03	-7.513459e-04
## SPAC1565.03	-1.758388e-03	1.987586e-04	-8.451564e-04
## SPAC1565.05	6.397230e-03	3.005679e-03	9.003491e-03
## SPAC1565.06c	-4.986362e-03	-1.851390e-04	1.078867e-03
## SPAC1565.07c	7.635433e-04	-3.496839e-03	-6.401927e-03
## SPATRNAPRO.02	5.988861e-02	-9.895455e-02	-4.377433e-02
## SPSNORNA.53	2.778208e-03	-9.460472e-04	-2.823891e-02
## SPAC6F12.06	-5.377089e-03	2.912047e-03	-3.648240e-03
## SPAC6F12.07	-1.630960e-03	-3.678217e-03	-4.231867e-03
## SPAC6F12.08c	-2.085239e-03	-3.603430e-03	1.379988e-03
## SPAC6F12.09	6.355856e-03	-1.600066e-03	2.008766e-04
## SPAC6F12.12	1.867069e-03	-2.723660e-03	-1.155753e-03
## SPAC6F12.13c	9.751947e-03	3.998904e-03	-1.284978e-03
## SPAC6F12.15c	-1.989085e-03	-3.917667e-03	3.652803e-03
## SPAC19E9.01c	-1.639184e-03	-2.952608e-06	-1.662364e-03
## SPAC19E9.02	1.258055e-03	-3.130815e-03	5.262664e-04
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	1.428157e-03	3.148494e-04	-7.085909e-04
## SPAC19E9.03	1.343858e-02	-5.658829e-03	6.341197e-03
## SPAC57A10.03	-3.255547e-04	-2.087629e-03	-4.080337e-03
## SPAC57A10.05c	4.034585e-03	-5.968169e-03	2.414983e-03
## SPAC57A10.06	1.403294e-03	-1.587076e-04	7.883042e-04
## SPAC57A10.07	1.254846e-04	-1.746976e-03	5.838330e-03
## SPAC57A10.08c	-1.198909e-03	-4.412322e-04	-3.410095e-03
## SPAC57A10.09c	-1.509365e-02	-8.296979e-03	2.148374e-03
## SPAC57A10.12c	-3.027048e-03	-1.688848e-03	2.948562e-03
## SPAC20G8.04c	8.033066e-03	4.417119e-03	2.334303e-03
## SPAC20G8.05c	8.018724e-05	-1.065427e-02	-7.911732e-03
## SPAC20G8.06	2.273025e-02	-3.484386e-03	-2.884600e-03
## SPAC20G8.08c	-1.551334e-05	-1.008885e-02	-3.460423e-03
## SPAC20G8.09c	5.428587e-03	-9.579445e-03	-1.452788e-02
## SPAC20G8.10c	-8.654349e-04	3.417729e-04	9.933770e-04
## SPAC3A12.04c	1.020018e-03	-4.393978e-04	2.517305e-04
## SPAC3A12.19	-6.363674e-04	-1.371546e-03	1.719526e-03
## SPAC3A12.07	3.269675e-03	1.344460e-03	-7.917643e-04
## SPNCRNA.741	-1.860220e-04	1.093079e-04	-6.242851e-04
## SPAC3A12.11c	-4.698271e-03	3.398894e-04	-1.873256e-03
## SPAC3A12.14	2.727850e-03	6.357322e-04	-1.430034e-02
## SPAC3A12.15	-7.004704e-03	-2.993358e-03	3.097640e-03
## SPSNORNA.48	7.622372e-05	-1.607788e-05	-1.084154e-04
## SPAC3A12.18	-9.733982e-03	-8.987174e-03	6.551920e-03
## SPAC9.03c	4.605008e-03	-5.410760e-03	5.494476e-03
## SPAC9.05	4.728128e-03	1.943553e-03	1.451231e-04
## SPAC9.06c	1.288558e-03	-1.384038e-03	2.730758e-03
## SPAC9.08c	8.618868e-04	-3.563095e-03	-3.533948e-03
## SPAC9.09	9.084652e-03	3.482765e-02	1.214908e-02
## SPNCRNA.743	-5.613470e-05	-1.290902e-03	-3.498059e-03
## SPAC9.10	-1.099050e-03	-5.794175e-03	5.534747e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC5D6.12	7.007759e-04	2.004630e-03	-1.090005e-04
## SPAC5D6.10c	5.090912e-05	1.693127e-04	8.255773e-05
## SPAC5D6.09c	-1.416550e-03	-1.216459e-04	9.830013e-04
## SPAC5D6.07c	-3.928937e-03	-3.166271e-04	5.655111e-05
## SPAC5D6.04	-6.504907e-03	-3.016386e-03	3.266174e-03
## SPAC5D6.02c	1.017022e-03	-1.597200e-03	-2.348640e-03
## SPAC57A7.10c	2.429030e-04	1.805735e-02	-8.629198e-03
## SPNCRNA.174	2.250063e-04	1.153137e-04	-3.419698e-04
## SPAC57A7.08	2.934000e-04	-9.170488e-03	1.071091e-02
## SPAC57A7.06	6.083380e-03	-9.819074e-03	-2.009636e-03
## SPAC57A7.04c	3.776016e-02	-2.291034e-02	-1.635048e-02
## SPAC167.07c	1.238945e-03	-1.998553e-03	1.969023e-03
## SPAC167.05	1.940554e-03	-4.847276e-03	-3.399300e-03
## SPAC167.04	-4.521296e-04	1.578518e-03	-4.141297e-03
## SPAC167.09	-1.472228e-03	-1.642899e-04	-6.357802e-04
## SPAC167.08	8.269176e-05	-4.847287e-04	-9.630920e-05
## SPAC1705.03c	-1.130787e-02	-2.868144e-02	-6.689200e-02
## SPNCRNA.80	-1.053283e-04	9.164008e-05	1.297570e-04
## SPNCRNA.745	-6.598169e-04	-2.256147e-04	-1.705049e-03
## SPNCRNA.81	-2.849680e-05	7.514769e-06	4.114303e-06
## SPAC23H4.17c	-1.101437e-03	1.850700e-03	-1.831384e-03
## SPAC23H4.16c	-2.823147e-04	-1.717619e-03	2.042095e-03
## SPAC23H4.15	1.021833e-03	-6.183253e-03	4.938916e-03
## SPAC23H4.21	-1.580347e-03	-2.875123e-03	4.339559e-03
## SPAC23H4.13c	2.753773e-03	-2.480485e-03	2.829335e-03
## SPAC23H4.12	2.198654e-03	2.356701e-03	8.737980e-03
## SPAC23H4.08	-5.970367e-04	-4.132047e-03	-9.058736e-04
## SPAC23H4.07c	5.969047e-03	2.328780e-03	-2.153076e-03
## SPAC23H4.05c	1.418441e-04	3.622454e-04	4.671571e-04
## SPNCRNA.746	7.501663e-04	-1.068508e-03	1.874481e-04
## SPAC23H4.04	2.217295e-04	-3.202433e-03	-3.137889e-03
## SPATRNATHR.01	1.998193e-02	-4.558356e-02	-4.412016e-02
## SPNCRNA.747	4.180162e-05	3.682358e-04	8.011321e-05
## SPAP27G11.03	-8.578707e-04	2.931415e-03	-1.548663e-04
## SPAP27G11.05c	-1.825937e-03	-3.929043e-03	-1.218471e-03
## SPNCRNA.749	-7.722160e-04	8.098630e-04	-1.001191e-03
## SPAP27G11.09c	9.969737e-04	1.712782e-03	-3.579615e-04
## SPAP27G11.14c	-7.654193e-04	1.077730e-03	9.721846e-05
## SPAP27G11.15	-7.539092e-04	2.893207e-03	-3.128590e-03
## SPAC343.01c	-9.351282e-03	-1.181650e-02	2.757739e-03
## SPAC343.03	-6.886162e-04	5.601666e-04	8.164159e-04
## SPAC343.04c	-7.479615e-03	5.445814e-03	-7.343821e-04
## SPAC343.05	3.278468e-03	1.618229e-02	1.021629e-02
## SPAC343.08c	4.585530e-03	-1.064722e-03	2.682257e-03
## SPAC343.07	6.047746e-05	1.338290e-04	-4.723012e-05
## SPNCRNA.752	7.038738e-05	-1.017958e-04	1.977391e-05
## SPAC343.10	3.100529e-03	4.393411e-03	-1.110998e-02
## SPAC343.11c	9.922964e-04	-1.853714e-03	1.072850e-02
## SPAC343.20	6.829798e-04	7.054927e-03	-6.436770e-03
## SPAC343.17c	2.612391e-03	-2.763158e-03	-2.313056e-03
## SPAC343.15	3.822160e-04	3.279288e-03	-1.456932e-03
## SPNCRNA.754	-1.956585e-05	-3.610899e-06	1.006091e-05
## SPAC824.04	3.692952e-04	-2.713824e-03	1.219531e-03
## SPAC824.05	-2.356839e-03	-4.699839e-04	-2.120208e-03

## SPAC824.07	-1.092778e-02	-9.884647e-03	1.118537e-03
## SPAC824.08	-2.125632e-03	-5.153599e-03	3.527751e-03
## SPATRNALYS.01	3.111518e-03	-1.217724e-02	-4.643261e-04
## SPAC664.03	-3.050458e-03	-4.740404e-03	-3.189477e-03
## SPAC664.04c	-1.836890e-02	-3.428813e-02	-1.087347e-02
## SPAC664.07c	2.181532e-04	-1.621882e-03	4.415126e-04
## SPAC664.08c	7.024286e-03	3.494439e-03	1.082163e-03
## SPAC664.09	9.407228e-04	-3.005121e-03	-1.732285e-03
## SPAC664.10	-8.684424e-03	-4.260393e-03	-1.817587e-03
## SPAC664.11	-1.683429e-02	-3.990173e-02	2.140545e-02
## SPAC664.12c	-1.712389e-03	-1.329113e-03	-1.673196e-03
## SPAC664.14	4.123923e-03	5.589880e-03	4.848034e-03
## SPNCRNA.758	-2.312397e-04	8.229011e-05	2.579202e-04
## SPACUNK12.02c	-5.407697e-04	-3.984654e-04	2.666196e-03
## SPAC105.01c	2.092597e-03	1.732857e-03	-2.020831e-03
## SPAC17A5.18c	2.192627e-03	-2.623808e-03	-1.399410e-03
## SPAC17A5.02c	6.420475e-03	-5.077720e-05	-3.462677e-03
## SPAC17A5.03	7.081201e-03	2.414651e-02	1.598663e-02
## SPAC17A5.04c	2.431511e-03	1.854620e-04	-5.189642e-03
## SPAC17A5.19	-1.687776e-03	-1.411470e-03	9.178552e-04
## SPAC17A5.06	1.661180e-05	-9.745776e-04	-4.762580e-04
## SPAC17A5.08	-3.306473e-03	-1.198966e-02	-2.122406e-04
## SPAC17A5.10	-1.077304e-04	4.846137e-04	-1.302487e-03
## SPAC17A5.11	-3.075812e-04	-5.531197e-04	4.921450e-04
## SPAC17A5.12	2.704643e-03	-2.481043e-03	1.920368e-03
## SPAC17A5.14	8.927346e-03	-3.248517e-03	3.410969e-04
## SPAC17A5.16	2.193837e-03	6.334197e-03	7.368039e-04
## SPAC1610.01	-1.711090e-03	-2.336493e-03	-3.760237e-03
## SPAC1610.02c	-1.038395e-03	-1.127829e-03	5.005613e-03
## SPAC1610.03c	2.131679e-04	5.851006e-04	5.743933e-04
## SPAC1610.04	5.521313e-04	-2.097693e-03	-5.749490e-05
## SPAC1002.02	-2.549650e-03	1.449740e-03	-1.651908e-03
## SPAC1002.03c	-9.855313e-03	-5.200643e-03	-6.849861e-03
## SPAC1002.04c	5.421002e-03	-3.707305e-03	-8.911058e-04
## SPAC1002.05c	3.938463e-03	-3.313141e-03	3.519899e-03
## SPAC1002.09c	1.658087e-02	-5.344464e-03	-7.041271e-04
## SPAC1002.12c	6.700708e-03	5.112041e-04	-7.779406e-03
## SPAC1002.20	7.656750e-06	-2.753367e-04	-3.958425e-04
## SPAC1002.19	6.714692e-02	5.224323e-03	8.529189e-04
## SPAC1399.04c	5.825802e-03	2.469376e-03	-3.999721e-03
## SPAC1399.03	9.391294e-04	-1.536002e-03	4.975077e-04
## SPAC1399.01c	4.033202e-05	8.770986e-04	2.802191e-03
## SPAP11E10.02c	-1.922208e-03	-5.253718e-04	-6.305730e-04
## SPAPB1A10.02	-2.621903e-04	2.819788e-03	-2.820564e-03
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	6.938178e-05	1.045101e-03	6.534818e-03
## SPAPB1A10.07c	-2.346441e-03	3.259206e-03	-1.479871e-03
## SPNCRNA.767	1.808854e-04	-1.063737e-03	1.003943e-03
## SPNCRNA.768	-5.379318e-04	9.829313e-04	2.876438e-03
## SPAPB1A10.08	1.910824e-03	2.057368e-03	-1.450808e-04
## SPAPB1A10.10c	-1.119019e-03	3.736852e-03	-3.125908e-03
## SPAPB1A10.11c	9.108469e-04	-2.611477e-03	1.286343e-03
## SPAPB1A10.12c	-3.179714e-03	-2.839813e-04	8.011732e-04
## SPNCRNA.769	2.470765e-04	1.294639e-03	-1.291126e-03

## SPNCRNA.770	-8.943978e-04	4.709224e-04	-4.328581e-05
## SPAC140.02	-8.864681e-02	-1.164256e-02	1.281258e-02
## SPNCRNA.771	-1.934341e-03	5.650625e-04	-1.996619e-03
## SPAC140.04	-7.011184e-04	1.950240e-03	-9.604405e-04
## SPAC110.02	3.496680e-03	3.849993e-03	9.765704e-05
## SPNCRNA.773	-9.764260e-04	1.208415e-03	9.343493e-05
## SPAC110.04c	-3.699767e-02	4.820474e-03	2.588170e-02
## SPAP14E8.02	3.610092e-03	-2.037840e-03	-2.222393e-02
## SPAP14E8.03	-1.181699e-03	-3.872874e-04	-1.066518e-03
## SPAP14E8.04	7.604647e-04	7.195043e-04	1.724894e-03
## SPAP14E8.05c	-4.495843e-03	-1.365793e-03	2.473968e-03
## SPAC3H1.03	-2.974499e-03	2.935618e-04	3.905224e-04
## SPNCRNA.775	-2.843833e-04	3.375384e-04	2.900739e-05
## SPAC3H1.08c	2.107813e-03	4.461707e-03	9.584743e-04
## SPNCRNA.776	2.016399e-04	-5.021346e-04	-1.185095e-03
## SPAC3H1.10	2.904148e-03	-1.493078e-03	-1.651385e-03
## SPNCRNA.778	-4.565130e-04	4.028725e-04	8.918015e-04
## SPNCRNA.779	4.474109e-04	-1.377017e-03	7.088746e-04
## SPNCRNA.780	1.184309e-03	-8.530795e-04	-8.381812e-04
## SPNCRNA.782	-1.536517e-03	-8.473293e-04	5.575785e-05
## SPAC3H1.11	1.382308e-03	-1.268812e-02	-8.884617e-04
## SPAC3H1.14	4.059448e-04	1.020660e-03	2.161346e-04
## SPAC9G1.05	-3.731644e-04	-1.165585e-02	8.194108e-03
## SPAC9G1.06c	-8.861547e-04	-2.322353e-03	6.448964e-03
## SPAC9G1.07	1.434320e-03	1.103529e-03	5.566842e-05
## SPAC9G1.11c	3.696309e-04	-4.990123e-03	1.959321e-03
## SPAC9G1.12	-1.085438e-03	1.474393e-03	-1.593064e-03
## SPAC767.01c	2.698066e-03	4.238832e-03	-2.655394e-03
## SPNCRNA.786	9.942774e-04	1.226634e-03	2.173805e-04
## SPAC17H9.01	1.991348e-04	-1.776991e-04	3.712728e-03
## SPAC17H9.05	3.871203e-03	-8.600848e-03	-8.521881e-03
## SPAC17H9.06c	3.078110e-06	-2.508375e-03	-1.432522e-03
## SPAC17H9.07	1.767045e-03	-5.761222e-04	-4.360966e-03
## SPAC17H9.08	-1.634324e-03	-1.659516e-03	2.322257e-03
## SPAC17H9.11	2.000451e-04	-1.068139e-03	-5.000145e-03
## SPNCRNA.788	-3.124227e-04	2.330822e-04	-1.458315e-03
## SPAC17H9.18c	1.313511e-04	-1.717257e-04	2.356211e-05
## SPAC17H9.19c	-9.204329e-05	-3.999233e-04	1.318614e-03
## SPAC607.02c	3.246404e-04	1.489715e-03	-3.777460e-03
## SPNCRNA.789	-5.495902e-05	-1.363787e-04	5.273767e-06
## SPAC607.07c	-7.653357e-03	-6.881469e-03	7.867384e-03
## SPAC607.08c	-5.808668e-03	-4.409859e-04	-4.630802e-04
## SPNCRNA.186	-7.279133e-05	-2.211539e-04	1.975070e-04
## SPAC607.10	-2.035861e-04	-1.585250e-03	-2.284660e-03
## SPNCRNA.790	6.547531e-05	4.337846e-05	1.056261e-04
## SPAC3C7.01c	6.215104e-03	7.062273e-03	-2.834204e-03
## SPAC3C7.03c	-9.290296e-05	2.678153e-04	8.490736e-04
## SPAC3C7.04	8.077899e-03	1.159319e-02	-7.984691e-03
## SPAC3C7.05c	2.528433e-02	-6.076704e-03	-1.608526e-02
## SPAC3C7.06c	-2.149150e-03	-2.664916e-03	5.346841e-03
## SPAC3C7.07c	-3.419203e-03	-8.477299e-04	4.255648e-03
## SPAC3C7.10	-2.161718e-03	2.282238e-03	1.898646e-03
## SPAC3C7.11c	-4.121027e-03	1.644189e-02	3.498272e-02
## SPAC3C7.12	6.785545e-03	-4.847135e-03	-7.340428e-03

## SPAC3C7.13c	7.077006e-03	-1.500478e-03	-2.269022e-03
## SPNCRNA.792	-8.260928e-04	-3.186753e-04	2.490769e-04
## SPAC3C7.14c	-4.649989e-02	-4.347848e-02	-4.969316e-02
## SPAC25A8.01c	2.223363e-02	9.680082e-04	1.397486e-02
## SPAC631.01c	-2.046181e-03	-3.913767e-03	1.320076e-03
## SPAC20H4.01	-2.313057e-03	7.824480e-03	1.059825e-02
## SPNCRNA.795	5.491374e-04	1.357010e-03	2.648862e-04
## SPAC20H4.05c	4.680581e-04	-6.835002e-04	-2.318958e-03
## SPAC20H4.06c	-5.366144e-04	-1.793300e-04	7.507723e-04
## SPAC20H4.07	-3.070903e-03	-3.940281e-03	-4.898271e-03
## SPNCRNA.796	-9.209426e-04	-2.120655e-03	-4.975345e-04
## SPAC20H4.11c	-8.623645e-04	2.613894e-03	-2.268740e-03
## SPAC23C11.02c	-6.725346e-05	1.143738e-02	-7.021581e-02
## SPAC23C11.06c	2.009085e-02	-3.391895e-03	4.371065e-03
## SPNCRNA.798	-2.947822e-03	1.670970e-03	4.084631e-03
## SPAC23C11.07	-1.780125e-04	-4.826418e-04	1.933090e-04
## SPAC23C11.12	-3.526864e-04	1.536939e-03	3.639354e-04
## SPAC23C11.13c	1.145702e-03	-3.221774e-03	-1.387028e-02
## SPNCRNA.187	-1.051960e-04	2.076735e-04	-3.262725e-04
## SPAC23C11.16	-1.074136e-03	-1.102008e-02	-2.398243e-03
## SPAC13F5.03c	-3.307621e-04	2.328657e-04	-7.388021e-04
## SPAC13F5.04c	-4.622312e-04	-6.513100e-04	1.922495e-03
## SPAC13F5.05	3.590135e-04	-3.155444e-04	-1.232820e-03
## SPAC1783.01	5.396260e-03	-1.033857e-03	-4.885862e-03
## SPAC1783.03	-4.605708e-04	-3.414666e-04	3.752209e-03
## SPAC1783.05	1.469612e-03	-2.200276e-03	-5.186330e-03
## SPAC18G6.03	1.725504e-03	5.456280e-03	-6.660331e-03
## SPNCRNA.805	1.982709e-05	-7.296635e-05	-1.837718e-05
## SPNCRNA.188	-2.735292e-04	6.011074e-05	3.213866e-04
## SPAC18G6.15	-8.768289e-04	-5.493047e-04	-3.146968e-03
## SPAC13D6.01	-1.834151e-03	1.470045e-04	-4.883124e-03
## SPNCRNA.807	-9.743479e-05	3.741118e-04	-2.046705e-03
## SPAC13D6.03c	4.936074e-03	1.269177e-03	-4.459400e-03
## SPAC4G9.04c	8.332927e-04	-2.689682e-03	-3.803194e-03
## SPAC4G9.03	-5.914378e-03	-2.144805e-02	3.195485e-04
## SPAC4G9.05	-1.683785e-04	-4.965341e-04	3.465696e-04
## SPAC4G9.06c	2.729985e-03	5.079680e-03	1.007615e-03
## SPNCRNA.808	-5.684318e-04	1.676641e-03	-5.533579e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	1.791991e-02	-1.284178e-02	6.020819e-03
## SPAC4G9.10	-3.767712e-03	6.870362e-03	-6.369737e-03
## SPAC4G9.11c	-2.422484e-03	-3.456981e-03	-1.968172e-03
## SPAC4G9.12	-1.662480e-03	2.715637e-03	2.733569e-03
## SPAC4G9.14	8.675599e-04	-6.016223e-04	-8.163579e-04
## SPAC4G9.15	-2.462808e-03	-1.023363e-02	-3.251916e-04
## SPNCRNA.809	7.783125e-04	4.980638e-04	4.324622e-05
## SPAC4G9.19	7.965360e-04	-1.017638e-03	4.445842e-04
## SPAC4G9.20c	3.108444e-03	1.466825e-03	5.135325e-03
## SPNCRNA.810	-1.130375e-03	-1.560892e-03	-8.449375e-04
## SPAC13G7.01c	-1.596879e-03	-2.284093e-03	7.858167e-03
## SPAC13G7.02c	-2.854898e-02	-5.602057e-03	-5.458261e-02
## SPAC13G7.03	-1.078241e-04	8.490741e-04	2.232426e-03
## SPAC13G7.04c	2.590250e-03	-3.888090e-03	8.889851e-03
## SPAC13G7.05	-7.482647e-03	-1.093075e-02	2.683021e-04

## SPAC13G7.06	-1.180691e-03	7.613595e-03	1.009606e-02
## SPAC13G7.10	4.374086e-04	1.781642e-03	1.463982e-03
## SPAC13G7.12c	-2.686570e-03	3.778040e-03	4.014423e-03
## SPAC13G7.13c	3.110747e-04	1.058020e-03	3.360229e-03
## SPNCRNA.812	-1.032047e-04	-1.181760e-03	-2.210750e-04
## SPNCRNA.813	9.154605e-04	-1.165517e-03	-9.996466e-04
## SPAC6C3.03c	1.567616e-04	-1.619008e-04	4.378917e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	2.787269e-04	9.917197e-04	-7.260250e-05
## SPNCRNA.815	1.813450e-03	-1.514165e-03	-2.850205e-05
## SPAC6C3.08	-2.459390e-03	-4.533596e-03	1.396597e-03
## SPAC6C3.09	-3.517939e-03	-4.034084e-06	-3.812144e-03
## SPNCRNA.816	7.239565e-04	6.007313e-04	-3.955088e-04
## SPAC17G8.03c	1.117874e-03	-8.651976e-04	1.783757e-03
## SPAC17G8.15	-1.218588e-03	8.563492e-04	-9.928265e-04
## SPAC17G8.04c	1.143466e-04	8.057082e-03	-1.390631e-03
## SPAC17G8.06c	2.729187e-02	1.949461e-02	2.387767e-02
## SPAC17G8.08c	6.015427e-03	1.831532e-03	-1.799904e-02
## SPAC17G8.11c	5.563345e-03	-2.684837e-03	8.383101e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	2.175337e-03	4.145241e-04	1.626539e-03
## SPAC17G8.14c	9.483325e-04	-7.578328e-03	-8.881935e-03
## SPNCRNA.818	-1.774464e-04	-1.320236e-06	-4.021953e-04
## SPAC22H10.02	1.628856e-04	2.864189e-04	1.911650e-04
## SPNCRNA.820	-2.477256e-04	9.986108e-05	-3.560949e-04
## SPAC22H10.04	-5.350579e-03	1.090809e-03	1.505077e-03
## SPAC22H10.05c	1.233235e-03	-4.246058e-03	-9.029017e-03
## SPAC22H10.06c	5.646721e-05	1.226710e-05	1.349712e-05
## SPAC22H10.07	1.062555e-03	-5.667212e-04	4.960515e-03
## SPAC22H10.08	2.922868e-03	1.030683e-03	-6.685179e-03
## SPAC22H10.11c	-1.285872e-02	5.029337e-03	1.004057e-02
## SPAC22H10.12c	-8.597284e-03	1.405202e-02	5.295377e-03
## SPAC15F9.01c	4.941108e-06	1.449336e-04	3.438472e-04
## SPNCRNA.822	-1.987796e-04	2.487146e-04	-1.347889e-04
## SPNCRNA.193	6.615271e-05	-1.945095e-05	-2.459087e-06
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	-1.337369e-02	1.260710e-04	1.104953e-03
## SPAC6B12.04c	-4.190316e-03	-4.435323e-03	-5.748671e-04
## SPNCRNA.824	-7.954406e-04	8.030647e-04	-2.034520e-05
## SPAC6B12.05c	2.158110e-04	5.585814e-03	3.301034e-03
## SPAC6B12.06c	1.826530e-03	-4.059459e-04	3.391122e-03
## SPNCRNA.194	1.148816e-04	2.241350e-04	2.514649e-04
## SPNCRNA.825	7.334954e-04	1.260563e-03	-9.767394e-05
## SPAC6B12.19	-4.032213e-04	1.424538e-03	-1.093666e-03
## SPAC6B12.09	5.322615e-05	-2.082858e-03	3.041489e-03
## SPAC6B12.10c	-2.686822e-03	-4.091655e-03	-2.405487e-03
## SPAC6B12.11	-1.924462e-04	3.919540e-05	-2.237793e-03
## SPNCRNA.43	1.157158e-04	2.606594e-04	8.149352e-05
## SPATRNNATHR.02	1.496581e-02	-1.575017e-02	1.019320e-02
## SPAC6B12.12	-2.812138e-02	-1.845566e-03	-2.104817e-04
## SPAC6B12.14c	-8.597229e-03	3.152712e-03	-3.494223e-03

## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	1.945293e-06	1.525682e-06	-4.324763e-05
## SPAC6B12.16	-3.858294e-04	-5.710536e-04	-9.368123e-04
## SPNCRNA.827	8.350334e-04	7.003996e-04	-1.523396e-03
## SPAC32A11.04c	-8.080847e-03	-1.620852e-02	-7.287532e-03
## SPAC32A11.01	1.402912e-04	4.485752e-04	-1.729603e-04
## SPAC32A11.03c	-2.636675e-03	-5.679397e-03	1.324534e-02
## SPAC19A8.15	-1.532569e-02	-5.225823e-03	-3.109082e-02
## SPAC19A8.14	-9.118439e-04	1.231694e-03	4.625154e-03
## SPAC19A8.16	9.494515e-03	1.422159e-04	4.931952e-03
## SPAC19A8.06	4.535009e-03	1.665572e-03	1.504670e-03
## SPAC23H3.02c	-2.617589e-04	1.121490e-03	3.810910e-03
## SPAC23H3.03c	-1.470172e-03	-5.914686e-03	3.115589e-03
## SPNCRNA.558	-1.319338e-06	-6.640074e-05	1.539350e-05
## SPNCRNA.830	-6.712118e-05	8.721441e-04	-2.100585e-04
## SPAC23H3.07c	3.285011e-03	1.414455e-03	-1.338439e-03
## SPAC23H3.09c	3.271299e-02	6.467103e-04	-1.717900e-02
## SPATRNACYS.02	-4.014292e-03	2.713213e-03	-8.829130e-03
## SPAC23H3.10	-1.883854e-04	3.343630e-03	-2.082688e-03
## SPAC23H3.11c	-1.513643e-03	-1.238561e-03	7.065949e-03
## SPAC23H3.12c	-9.161505e-04	9.245606e-04	-2.198767e-03
## SPAC23H3.14	-1.456219e-03	-1.914569e-05	4.827677e-03
## SPNCRNA.832	-2.840494e-04	1.125968e-03	8.390464e-04
## SPAC25H1.02	-2.068187e-03	-4.815975e-03	-1.472140e-03
## SPAC25H1.03	-2.942290e-03	3.232058e-03	4.431242e-03
## SPAC25H1.10c	-1.338878e-04	2.480206e-03	-4.492842e-03
## SPAC25H1.09	1.136991e-04	5.192805e-04	-5.083908e-04
## SPAC4A8.02c	-1.833162e-03	4.722915e-03	2.253748e-04
## SPAC4A8.03c	-1.877909e-03	-1.121414e-03	2.582308e-03
## SPNCRNA.834	-1.031233e-03	8.546839e-04	2.325705e-04
## SPNCRNA.835	1.434334e-04	1.277280e-04	-1.839409e-04
## SPAC4A8.06c	-6.043126e-03	7.015186e-04	6.280651e-03
## SPAC4A8.09c	4.440741e-04	-1.166886e-03	1.332678e-03
## SPAC4A8.11c	6.161829e-03	-1.680633e-02	-5.918061e-05
## SPAC4A8.13c	-5.133550e-03	1.840196e-02	-1.150715e-02
## SPAC4A8.15c	-3.341730e-03	3.233265e-04	1.886378e-02
## SPAC4A8.16c	2.465668e-03	-6.247635e-03	-1.818356e-02
## SPNCRNA.840	4.426351e-04	2.065019e-03	-1.593726e-03
## SPAC823.02	-1.439312e-02	1.936168e-03	-1.077489e-02
## SPAC823.04	5.675016e-03	3.052949e-03	-7.678304e-03
## SPAC823.05c	1.765423e-03	-3.078750e-03	4.404740e-03
## SPAC823.06	4.903646e-04	1.388587e-03	-1.236157e-03
## SPAC823.08c	-1.167000e-03	2.420562e-03	1.901001e-03
## SPAC823.09c	8.362938e-04	1.163496e-03	2.188356e-03
## SPAC823.10c	9.573474e-05	2.677751e-03	2.270737e-04
## SPAC823.15	4.465221e-03	8.851287e-04	2.626768e-03
## SPAC7D4.13c	-3.170383e-03	-1.437006e-04	1.290334e-03
## SPAC7D4.12c	-7.889267e-04	-2.693315e-03	3.183025e-04
## SPAC7D4.10	2.922657e-03	-4.188351e-05	2.461224e-03
## SPNCRNA.842	-2.531780e-04	7.408418e-05	-1.213537e-04
## SPAC7D4.15c	-1.620795e-03	3.031367e-04	-9.993566e-04
## SPAC7D4.07c	-3.336994e-02	-7.485747e-03	-1.351201e-02
## SPSNORNA.12	1.395675e-02	-2.195546e-03	9.328631e-03
## SPAC7D4.05	-8.910168e-04	-1.162463e-03	8.217196e-05

## SPAC7D4.02c	1.176439e-03	-4.470390e-04	-1.050921e-03
## SPAC4F8.13c	-1.814341e-03	-1.299971e-02	7.441536e-03
## SPAC4F8.11	5.984245e-03	2.462255e-03	4.618376e-03
## SPAC4F8.08	2.405689e-04	-1.224403e-03	4.916705e-05
## SPNCRNA.201	-4.666517e-04	-2.286548e-05	-2.314464e-04
## SPAC4F8.06	-2.908592e-03	-6.237494e-04	-4.976678e-03
## SPAC4F8.05c	-7.428750e-04	1.927708e-03	3.236488e-03
## SPAC4F8.04	7.645341e-03	1.475180e-03	3.526261e-03
## SPAC644.06c	-3.888231e-03	3.559599e-03	-1.404794e-02
## SPNCRNA.844	-2.106562e-03	-1.760689e-04	3.054695e-04
## SPATRNLALS.04	-1.258946e-03	-2.202278e-03	-2.711775e-03
## SPAC644.07	4.853471e-04	2.328098e-03	-3.797627e-03
## SPAC644.09	-1.446720e-03	-3.074972e-04	5.936262e-03
## SPAC644.10	-2.246734e-03	-1.085062e-03	-1.415376e-03
## SPAC644.12	7.089624e-03	-1.209817e-03	-7.960767e-04
## SPAC644.13c	-3.094140e-03	-7.383192e-04	-2.313491e-03
## SPAC644.17c	-5.235164e-05	4.202142e-03	2.401103e-03
## SPNCRNA.198	4.397288e-06	3.163883e-05	1.081186e-04
## SPAC644.18c	1.022471e-03	2.735176e-03	-2.555904e-03
## SPAPB2B4.01c	1.903625e-03	-5.947890e-04	-1.561945e-05
## SPSNORNA.54	1.950871e-03	6.789139e-04	1.462545e-02
## SPNCRNA.846	-5.675742e-05	4.274771e-04	1.061639e-04
## SPAPB2B4.05	2.864587e-04	-4.724135e-03	1.047252e-02
## SPAPB2B4.06	-5.044056e-04	4.260521e-03	1.309539e-03
## SPAPB2B4.07	1.716051e-03	-1.726184e-04	4.613283e-03
## SPAC6F6.01	2.094108e-03	4.805175e-03	-2.541614e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	2.013618e-04	-2.667912e-05	2.351887e-04
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-3.053301e-04	-5.097434e-04	-1.261862e-04
## SPAC6F6.05	-1.270575e-02	-6.583693e-03	-3.654443e-03
## SPAC6F6.06c	-3.887863e-03	-5.129417e-04	-5.326961e-04
## SPAC6F6.07c	1.554176e-02	-1.190917e-02	-1.576612e-02
## SPAC6F6.12	2.196950e-03	9.946273e-04	1.954011e-03
## SPNCRNA.850	-1.062510e-03	6.338550e-04	-4.375108e-04
## SPNCRNA.851	7.359782e-04	-4.586984e-04	-1.603246e-04
## SPAC6F6.19	-1.868504e-03	-1.531337e-03	2.192859e-04
## SPAC6F6.15	2.135552e-03	-2.529044e-03	3.761074e-03
## SPAC6F6.16c	-1.708570e-03	7.298571e-04	6.261052e-03
## SPAC1805.01c	6.048752e-04	-4.138650e-03	-2.839475e-03
## SPAC1805.02c	4.095664e-03	-3.584287e-03	-1.618228e-03
## SPAC1805.06c	-1.498572e-03	1.461890e-03	-6.071717e-03
## SPNCRNA.853	2.270978e-04	7.042056e-04	-5.815425e-04
## SPAC1805.07c	-1.991732e-03	-1.569149e-03	-3.396863e-04
## SPNCRNA.854	-1.207616e-03	1.432474e-03	-5.861965e-04
## SPAC1805.08	1.712874e-04	-2.892987e-03	4.111670e-03
## SPAC1805.18	1.553493e-04	1.818422e-03	-6.576940e-04
## SPAC1805.09c	-6.261657e-04	1.396730e-03	1.106354e-03
## SPAC1805.10	2.945058e-03	7.658975e-04	3.881678e-03
## SPAC1805.12c	-1.525798e-02	-3.303117e-02	1.131487e-02
## SPAC1805.13	2.102859e-02	3.687938e-03	-1.287674e-02
## SPATRNALEU.02	1.824723e-02	-6.133204e-03	-4.531327e-03
## SPAC1B2.02c	4.721932e-03	-1.088032e-03	-3.947555e-03
## SPAC1B2.03c	8.912556e-03	2.216256e-02	5.184956e-02

## SPAC1B2.04	-3.117435e-03	-6.556934e-03	4.348334e-03
## SPAC1B2.05	-1.625991e-04	-5.071499e-05	1.065825e-02
## SPAC3F10.03	-9.122858e-03	-9.653213e-03	-1.477360e-02
## SPAC3F10.04	-1.856772e-03	-1.477057e-03	-1.094065e-02
## SPAC3F10.06c	2.303271e-03	-4.637308e-03	6.818917e-04
## SPNCRNA.855	1.379952e-04	3.877483e-04	1.066306e-04
## SPAC3F10.09	-7.471398e-04	-1.088849e-02	-1.941423e-03
## SPAC3F10.11c	-2.058888e-02	-7.136987e-03	-6.871279e-03
## SPATRNATHR.03	9.909344e-03	-2.556339e-02	-4.088955e-03
## SPAC3F10.15c	-3.933394e-03	-2.971462e-03	-1.262963e-03
## SPAC3F10.13	4.741723e-03	2.588226e-03	2.899619e-03
## SPAC3F10.16c	8.950415e-03	8.376500e-03	1.279308e-02
## SPAC3F10.17	2.786483e-03	5.996384e-03	-4.825457e-03
## SPAC3F10.18c	-3.131535e-02	3.431125e-02	-6.074428e-02
## SPAC8F11.03	-6.933441e-04	-2.424825e-03	2.901357e-03
## SPNCRNA.856	2.677923e-04	-6.641399e-04	2.175592e-04
## SPAC8F11.04	4.130352e-03	1.088267e-02	3.542158e-03
## SPAC8F11.08c	7.375817e-03	-1.864045e-02	1.393614e-02
## SPAC8F11.09c	-7.641452e-03	9.190731e-03	2.413513e-03
## SPNCRNA.857	2.986277e-03	-3.737634e-03	-1.638882e-03
## SPACUNK4.17	-3.762899e-02	-6.349748e-02	7.230433e-02
## SPACUNK4.19	-1.358733e-05	-8.451020e-04	4.740366e-04
## SPACUNK4.16c	-1.498336e-02	6.985468e-03	-1.933785e-03
## SPACUNK4.15	2.655948e-03	-6.885265e-03	-1.314681e-03
## SPACUNK4.14	-1.253217e-03	-3.848184e-04	1.927216e-03
## SPNCRNA.56	-7.284744e-04	3.238700e-04	2.231341e-04
## SPACUNK4.12c	1.455589e-03	-8.467381e-04	1.354375e-03
## SPACUNK4.11c	3.258080e-04	1.139266e-03	-1.073471e-03
## SPACUNK4.20	2.492654e-04	-1.765073e-03	-1.153277e-03
## SPACUNK4.09	2.685136e-03	-1.003704e-03	-1.748459e-03
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	-3.373929e-04	3.474333e-03	-5.009390e-03
## SPAPYUK71.03c	-5.303291e-03	-2.757426e-03	1.056386e-02
## SPNCRNA.209	-1.149441e-04	-7.922974e-05	-9.272376e-04
## SPAC513.04	-2.784341e-06	-3.996440e-05	-2.854898e-04
## SPAC513.06c	-1.798439e-03	-8.941107e-03	5.108719e-03
## SPAC513.07	-1.963493e-02	-1.012572e-02	-1.166589e-02
## SPAC2E1P3.02c	3.663997e-04	1.602447e-04	-3.668997e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-2.260569e-04	2.129814e-04	1.512040e-04
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-1.234346e-02	-8.479233e-03	-1.182885e-02
## SPNCRNA.861	1.759999e-04	-1.002737e-03	4.545940e-04
## SPNCRNA.862	2.343219e-03	1.049786e-03	5.660248e-05
## SPNCRNA.863	4.338863e-03	-5.682944e-04	5.970060e-03
## SPAPB24D3.01	3.391266e-03	3.848648e-03	7.672592e-03
## SPAPB24D3.02c	3.524072e-03	-1.548152e-03	1.482726e-03
## SPAPB24D3.03	4.469882e-04	8.336238e-03	1.870433e-03
## SPAPB24D3.04c	-1.178597e-03	-1.941165e-03	-8.729810e-04
## SPAPB24D3.07c	3.955142e-03	1.636560e-02	6.987671e-04
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	-1.030748e-02	-4.754672e-03	-1.737403e-03
## SPAPB24D3.10c	-1.940166e-03	1.388862e-03	-5.547865e-03
## SPNCRNA.867	-1.265340e-03	-9.211956e-04	-2.662983e-03

## SPNCRNA.868	-1.331403e-04	1.749252e-04	1.200343e-04
## SPNCRNA.869	3.222150e-04	1.805700e-04	3.397325e-04
## SPAPB1A11.04c	7.007540e-03	-7.508436e-03	-7.407405e-04
## SPAC31G5.02	1.567925e-03	-7.122569e-03	9.342443e-03
## SPNCRNA.870	-1.194143e-04	7.347938e-05	1.584433e-04
## SPAC31G5.04	-7.812430e-03	1.241844e-02	4.979226e-03
## SPAC31G5.06	-9.117948e-04	-8.709858e-04	-8.986880e-04
## SPNCRNA.871	-8.816576e-04	-5.328946e-04	-7.542880e-04
## SPAC31G5.08	-5.038286e-03	8.589248e-03	3.210830e-03
## SPNCRNA.71	-2.932316e-04	1.322185e-04	-3.273041e-04
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	2.692762e-03	-1.068219e-03	1.026394e-04
## SPAC31G5.11	4.491738e-03	-2.498243e-03	4.186088e-03
## SPAC31G5.21	-3.813403e-04	1.333229e-03	-1.401921e-03
## SPNCRNA.874	2.391332e-04	-1.849274e-04	-4.078895e-04
## SPAC31G5.14	-5.396918e-03	-6.907841e-03	-1.143290e-02
## SPAC31G5.16c	-7.672655e-03	-9.863483e-03	3.372624e-03
## SPAC31G5.18c	1.449626e-03	-1.785576e-03	1.226160e-03
## SPAC31G5.19	4.662594e-03	-6.060193e-03	-3.507803e-03
## SPNCRNA.876	-3.791104e-04	-8.271243e-04	3.140303e-04
## SPNCRNA.877	2.457356e-04	-8.997459e-04	6.806204e-04
## SPAC1786.02	-1.190261e-02	-5.001368e-03	1.391291e-02
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	3.508445e-03	-2.799230e-04	2.033259e-03
## SPAC24C9.02c	-9.630132e-04	3.457130e-03	3.970890e-04
## SPAC24C9.04	-2.575186e-03	-3.621537e-03	2.160792e-03
## SPAC24C9.05c	-4.510206e-03	-2.878838e-03	-9.855320e-03
## SPAC24C9.07c	1.957299e-03	3.544314e-03	-1.962248e-03
## SPNCRNA.881	-3.473711e-05	-4.543914e-04	-3.637697e-04
## SPNCRNA.882	1.767881e-04	3.270663e-05	7.645972e-05
## SPAC24C9.08	1.306967e-02	-2.398654e-03	6.426004e-03
## SPAC24C9.10c	-3.178682e-03	4.715538e-03	-1.900637e-03
## SPAC24C9.11	4.852817e-04	-3.942981e-03	-1.160607e-02
## SPAC24C9.12c	3.049002e-02	5.636183e-03	1.939173e-02
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	4.187613e-03	-6.880991e-04	3.116353e-03
## SPNCRNA.884	-3.039379e-04	-1.830285e-04	-1.010344e-04
## SPATRNLALS.05	1.427216e-03	-2.212061e-03	-2.205176e-03
## SPAC16A10.05c	-1.680992e-03	5.300127e-05	6.063681e-04
## SPAC16A10.06c	-8.218226e-04	-4.473141e-04	-1.067325e-03
## SPAC16A10.07c	6.163540e-04	4.091558e-03	7.300888e-03
## SPNCRNA.885	6.719865e-04	8.007770e-04	9.068737e-04
## SPAC16A10.08c	-2.759554e-04	-3.167611e-04	2.240002e-03
## SPAC589.03c	2.901179e-03	2.776906e-03	-2.034585e-03
## SPAC589.06c	1.850545e-03	1.403852e-02	1.287403e-02
## SPAC589.08c	5.436347e-04	2.222473e-03	3.402102e-04
## SPAC589.11	-3.849087e-04	-1.976746e-03	-7.531407e-05
## SPAC688.02c	3.902580e-04	-2.259918e-03	-2.473811e-04
## SPAC688.06c	-1.102122e-03	5.973078e-04	3.710711e-04
## SPAC688.07c	-9.922628e-04	-6.438317e-03	8.424197e-03
## SPAC688.08	3.274997e-03	-1.505785e-03	6.199848e-03
## SPAC688.09	7.119291e-03	-7.619772e-04	-3.117903e-03
## SPNCRNA.888	7.519285e-04	2.407300e-03	2.582640e-03
## SPNCRNA.889	-1.008169e-03	-1.284866e-03	1.943598e-03

## SPAC688.13	-1.640873e-03	2.419633e-03	2.556008e-03
## SPNCRNA.890	-5.221527e-04	-1.535602e-04	8.835158e-04
## SPAC688.14	3.076178e-04	4.848080e-04	-3.315100e-03
## SPAC688.16	2.931291e-04	6.455507e-03	-5.315520e-04
## SPNCRNA.891	-1.845466e-04	-2.478517e-04	-8.164998e-04
## SPAC3G9.15c	-7.877927e-05	-3.059535e-03	-1.871337e-03
## SPNCRNA.216	4.949491e-05	3.211991e-05	-4.529122e-07
## SPAC3G9.13c	3.486591e-04	-1.316704e-03	4.720581e-04
## SPNCRNA.217	-1.045908e-05	9.149838e-05	2.124409e-04
## SPAC3G9.11c	9.105889e-04	1.136238e-04	1.073222e-03
## SPAC3G9.17	2.481259e-03	-1.099958e-03	-2.078037e-03
## SPATRNATHR.04	4.913714e-02	-6.116523e-02	-3.930193e-03
## SPNCRNA.218	2.095273e-04	-1.895299e-03	1.605068e-03
## SPNCRNA.892	9.143089e-04	-5.551121e-05	8.585941e-04
## SPAC3G9.09c	2.873425e-03	1.282054e-02	3.804516e-03
## SPAC3G9.07c	-1.227324e-03	3.357537e-04	1.488375e-03
## SPAC3G9.06	-1.079024e-03	-8.653252e-03	5.178050e-03
## SPAC3G9.03	-4.228861e-02	-7.388757e-02	2.225553e-02
## SPAC3G9.01	-8.539338e-05	4.795567e-04	3.341771e-04
## SPAC1486.01	6.737532e-03	-7.991998e-03	1.413539e-02
## SPAC1486.05	-1.780941e-02	-4.517477e-02	2.335053e-02
## SPNCRNA.894	2.144032e-04	-7.008492e-04	-5.532186e-04
## SPAC1486.11	-2.146132e-03	-4.547144e-04	-2.540245e-03
## SPAC1486.07c	-4.445865e-04	-2.965047e-03	1.505295e-03
## SPAC1486.08	-3.851148e-03	4.156872e-03	-3.365535e-03
## SPAC1486.10	1.734682e-03	-6.947321e-03	1.125821e-03
## SPAC6G10.02c	3.028122e-03	-1.638098e-02	8.034834e-03
## SPAC6G10.03c	-1.158883e-03	-3.504024e-03	-2.495788e-03
## SPAC6G10.04c	-1.550574e-02	5.580221e-03	1.482973e-02
## SPAC6G10.05c	5.403662e-03	-9.472257e-04	3.111403e-03
## SPNCRNA.896	-1.757246e-03	4.987423e-04	2.052262e-03
## SPAC6G10.07	-4.283440e-03	1.229674e-02	1.257893e-04
## SPAC6G10.08	4.028371e-03	-1.584553e-03	-3.286489e-03
## SPAC6G10.09	2.312823e-02	-1.528333e-02	-1.003572e-02
## SPAC6G10.10c	-1.076775e-03	5.902197e-04	3.592073e-03
## SPAC6G9.02c	-3.923960e-04	2.429794e-03	-7.112681e-03
## SPAC6G9.03c	1.751333e-03	-1.497638e-03	3.259910e-04
## SPAC6G9.09c	1.305563e-02	-4.212351e-03	-2.157317e-02
## SPAC6G9.12	-3.049067e-03	6.550908e-03	1.500096e-03
## SPNCRNA.899	-1.089456e-04	-3.188798e-05	-4.202861e-05
## SPAC6G9.15c	-1.502279e-03	-3.589917e-03	-1.856563e-03
## SPAPB1E7.01c	-1.819763e-03	-2.079845e-03	-1.383537e-03
## SPAC652.01	9.674511e-04	1.475344e-03	5.545690e-05
## SPAPB1E7.03	3.061178e-03	-4.218814e-03	2.446425e-03
## SPAPB1E7.04c	-6.598920e-03	-1.949832e-02	-6.516350e-03
## SPAPB1E7.06c	1.476645e-03	-2.381833e-03	1.487307e-03
## SPNCRNA.900	7.481485e-04	2.639865e-04	6.880820e-04
## SPAPB1E7.07	3.448414e-02	-3.834545e-03	4.623653e-02
## SPNCRNA.901	-6.648301e-04	-6.750625e-04	-7.118649e-04
## SPSNORNA.43	-6.848317e-06	-1.338892e-05	-6.618703e-06
## SPAPB1E7.10	-6.810678e-04	-1.580171e-05	-1.263988e-03
## SPAC2E1P5.01c	-7.767785e-03	1.760336e-03	-1.046047e-02
## SPAC2E1P5.03	-1.567925e-03	-4.163591e-03	-2.016172e-03
## SPAC2E1P5.05	4.535120e-03	-5.790993e-03	1.157240e-02

## SPAC26A3.02	2.182584e-03	-5.266924e-03	1.820980e-04
## SPAC26A3.05	1.641601e-03	-2.321929e-02	-3.950595e-02
## SPAC26A3.08	8.190374e-03	-2.188316e-03	-5.874285e-03
## SPAC26A3.09c	5.412613e-03	5.310471e-03	3.345998e-03
## SPAC26A3.10	6.538569e-03	2.475115e-03	2.995422e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	1.419314e-03	2.995345e-03	-3.344433e-03
## SPAC8E11.12	1.002424e-04	-5.599623e-05	6.001372e-04
## SPNCRNA.903	7.425796e-04	6.000554e-04	-2.834106e-04
## SPAC8E11.08c	8.944155e-04	-1.227347e-03	-7.147785e-06
## SPAC8E11.06	-2.769550e-04	3.840224e-04	-8.103363e-04
## SPAC8E11.04c	3.029906e-03	1.143393e-04	-2.025291e-03
## SPNCRNA.904	4.751496e-04	-7.788280e-04	-2.529512e-03
## SPAC8E11.03c	-4.589009e-04	3.488769e-04	-5.373184e-05
## SPAC8E11.02c	2.740050e-02	4.660891e-03	3.060333e-03
## SPAC959.02	-2.590423e-03	7.376274e-04	-4.840151e-03
## SPAC959.03c	7.432230e-03	7.275091e-03	-1.127744e-02
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-1.504159e-03	-6.855037e-04	1.069334e-03
## SPAC959.05c	2.551533e-03	5.599831e-04	4.145047e-03
## SPAC959.07	3.078842e-02	3.440123e-02	-4.017902e-02
## SPAC959.09c	1.366795e-03	-1.350137e-03	5.351064e-05
## SPAP32A8.02	-1.195072e-02	-2.903940e-03	-4.742475e-03
## SPAP32A8.03c	1.927898e-03	-2.758226e-04	5.401117e-03
## SPAC3H5.10	5.722871e-03	-1.330035e-03	-6.028671e-02
## SPAC3H5.08c	4.057138e-03	4.819844e-03	-3.414106e-03
## SPAC3H5.06c	4.745497e-03	-8.811113e-03	-9.368887e-03
## SPAC3A11.13	4.562782e-04	1.760757e-03	1.876423e-03
## SPAC3A11.12c	3.819211e-03	4.764095e-04	-2.015523e-02
## SPAC3A11.10c	4.457172e-05	1.025535e-04	-3.870694e-03
## SPAC3A11.09	5.979641e-03	2.415974e-03	-1.260026e-03
## SPNCRNA.909	2.545620e-03	-4.553886e-03	-2.650955e-05
## SPNCRNA.910	4.873802e-04	9.393871e-04	2.812511e-04
## SPAC3A11.05c	2.888130e-05	-5.499029e-04	2.681855e-03
## SPAC3A11.04	-2.021617e-03	-1.852739e-03	-3.529242e-03
## SPAC3A11.03	-3.320753e-03	-8.358245e-05	1.692818e-03
## SPAC3A11.02	-2.313538e-03	-1.573723e-03	3.061316e-03
## SPAC328.04	1.957483e-03	-6.152725e-03	1.053934e-03
## SPAC328.05	-8.433573e-05	3.810165e-03	-1.287602e-03
## SPAC328.06	7.014985e-03	5.944547e-03	-5.542599e-03
## SPAC328.08c	6.545315e-05	-1.991455e-03	6.730595e-04
## SPAC328.10c	-1.228083e-02	3.343065e-02	9.758681e-03
## SPNCRNA.222	1.056083e-04	-6.206006e-05	-1.716662e-05
## SPAC16E8.02	1.440600e-03	-9.924076e-04	2.877289e-04
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	5.552137e-04	1.006798e-03	1.619916e-04
## SPAC16E8.06c	7.869344e-03	-8.786105e-03	-2.249620e-03
## SPAC16E8.07c	4.532021e-04	-3.213564e-03	-7.742112e-03
## SPAC16E8.09	3.150934e-03	-3.601697e-03	5.564141e-03
## SPAC16E8.13	4.082363e-03	1.676039e-03	1.356857e-03
## SPAC16E8.15	-1.685618e-03	1.901764e-02	2.457835e-03
## SPAC16E8.18c	-2.043070e-03	2.571721e-03	2.067996e-03
## SPAC1B1.01	1.139350e-03	3.355039e-03	6.877466e-04
## SPNCRNA.915	9.820904e-04	1.829629e-04	-5.298729e-04

## SPAC17A2.01	9.632056e-04	-1.700278e-03	-2.664208e-03
## SPAC17A2.02c	9.836640e-03	7.656464e-03	8.182956e-03
## SPAC17A2.04c	2.516452e-03	-2.296622e-03	-4.204116e-03
## SPNCRNA.124	5.976962e-05	1.495619e-05	1.143781e-04
## SPATRNATRP.01	1.519286e-03	-4.541056e-04	6.690007e-04
## SPAC17A2.05	2.927030e-03	-3.390072e-03	-8.484305e-03
## SPAC17A2.06c	7.527260e-03	-4.208530e-03	-5.600161e-03
## SPAC17A2.07c	-4.442978e-04	-2.331940e-03	-3.381957e-04
## SPAC17A2.08c	1.331114e-03	2.512066e-03	3.063319e-03
## SPAC17A2.09c	1.293172e-02	-7.676382e-03	-2.969518e-03
## SPAC17A2.10c	-1.172753e-04	2.224660e-04	1.685941e-03
## SPAC17A2.11	-4.371856e-04	-1.515697e-04	2.083020e-04
## SPNCRNA.920	7.399163e-04	2.141535e-03	2.273776e-03
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	-1.637117e-03	1.494761e-04	6.976952e-03
## SPATRNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	4.615530e-03	-1.890684e-03	7.047699e-03
## SPAC17G6.05c	1.790376e-03	-2.513684e-03	1.125774e-03
## SPAC17G6.06	-3.874712e-04	4.176244e-02	2.499893e-03
## SPAC17G6.08	-1.262685e-03	-4.009602e-04	2.470433e-03
## SPAC17G6.10	-1.747874e-03	-2.081775e-03	-4.423659e-03
## SPAC17G6.11c	-2.828784e-03	-6.989156e-03	-2.644681e-03
## SPNCRNA.921	-2.935453e-04	-9.947544e-05	-4.149166e-04
## SPAC17G6.13	-1.582826e-02	-9.710218e-03	-3.776230e-03
## SPAC17G6.14c	5.184586e-03	-2.395501e-02	8.444307e-03
## SPAC17G6.15c	2.079575e-04	-3.816612e-03	3.212316e-03
## SPAC17G6.16c	-4.019727e-03	-1.456263e-03	9.432664e-03
## SPAC17G6.17	-1.952214e-03	1.670551e-03	1.469876e-03
## SPAC1142.01	3.134731e-03	-3.376635e-03	4.198914e-03
## SPAC1142.02c	-1.796345e-03	7.348180e-03	4.913428e-03
## SPAC1142.04	-6.361767e-03	1.449790e-03	8.661934e-03
## SPNCRNA.923	-1.433990e-04	-6.817981e-05	1.039323e-03
## SPAC1142.05	-1.382548e-02	-9.901853e-04	-1.442728e-03
## SPAC1142.06	1.074301e-03	1.213542e-02	1.694092e-03
## SPAC1142.07c	-5.455067e-03	3.615453e-03	4.295773e-03
## SPAC1142.08	3.615290e-03	-4.483144e-03	1.125871e-04
## SPAC1142.09	-1.755144e-06	-4.723155e-05	4.555271e-04
## SPNCRNA.925	1.211464e-03	1.927788e-03	4.576418e-04
## SPAC8C9.04	6.375768e-04	5.592551e-03	-1.600490e-03
## SPAC8C9.07	-5.232198e-04	6.869492e-04	-5.120362e-03
## SPAC8C9.08	6.287286e-03	8.062227e-03	9.288351e-03
## SPAC8C9.09c	-2.244159e-03	-1.722763e-04	2.621609e-03
## SPAC8C9.11	-1.962093e-03	-1.352566e-03	-1.084062e-03
## SPNCRNA.228	6.331462e-04	-1.600759e-03	2.404716e-04
## SPAC8C9.19	1.252080e-05	2.786324e-04	8.601588e-04
## SPAC8C9.12c	-1.238510e-03	-2.623379e-03	-4.764551e-03
## SPAC8C9.14	-9.382930e-03	1.285862e-02	8.542122e-03
## SPAC8C9.15c	-1.881535e-03	3.206388e-03	-6.609723e-03
## SPNCRNA.926	-1.055059e-03	-8.333921e-04	9.341534e-04
## SPAC15A10.17	6.389323e-04	-1.943755e-03	5.108019e-05
## SPAC15A10.06	2.195664e-03	-6.332078e-03	-1.106202e-03
## SPNCRNA.927	4.291078e-04	-8.926339e-05	-3.693481e-04
## SPAC15A10.08	-5.764006e-04	-6.633352e-03	4.144092e-03

## SPAC15A10.09c	-2.992754e-03	-3.675506e-03	5.010512e-03
## SPNCRNA.928	-5.484608e-04	3.616128e-04	2.959648e-05
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	5.780932e-03	1.465918e-03	3.003697e-02
## SPAC15A10.11	5.416747e-04	-9.856378e-03	-3.433942e-03
## SPAC15A10.12c	-4.431214e-04	-6.007216e-04	1.381308e-03
## SPAC15A10.13	4.301485e-03	-9.714609e-03	-1.451857e-04
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-1.150486e-03	-1.621290e-04	-5.018447e-04
## SPAC15E1.03	3.750739e-02	2.243791e-02	-1.727105e-02
## SPAC15E1.05c	-5.903824e-04	-5.520926e-03	-5.853990e-04
## SPAC15E1.09	-1.356543e-03	-7.360139e-04	-4.266871e-03
## SPAC15E1.10	-2.134412e-03	-1.125729e-03	2.251061e-03
## SPNCRNA.932	1.655632e-04	5.115962e-04	-3.034168e-04
## SPAP7G5.02c	-1.087402e-02	-1.593207e-02	6.750520e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	1.417504e-02	-1.034151e-02	3.000277e-02
## SPNCRNA.934	1.907788e-03	9.710821e-04	1.164377e-03
## SPNCRNA.935	1.661008e-03	1.012121e-03	6.617351e-04
## SPNCRNA.84	5.245341e-05	-8.928583e-05	7.991940e-06
## SPNCRNA.230	7.134525e-06	2.316138e-05	2.030935e-05
## SPNCRNA.231	-9.550067e-05	1.412736e-04	1.609159e-04
## SPNCRNA.232	-1.046704e-05	-1.870137e-05	-1.115470e-04
## SPATRNAILE.03	2.858401e-05	-1.893383e-03	1.023238e-03
## SPNCRNA.233	2.548613e-05	1.172949e-05	-1.206250e-05
## SPATRNAGLU.04	4.237109e-03	2.845731e-02	-5.807069e-02
## SPATRNAALA.05	6.565951e-04	9.528344e-04	9.371726e-04
## SPNCRNA.234	-9.490155e-05	-5.599229e-05	-2.396112e-04
## SPAC1556.01c	1.141112e-03	-1.355395e-04	-1.010629e-03
## SPAC1556.03	1.140115e-03	4.554218e-03	-5.100896e-03
## SPAC1556.04c	-1.278019e-03	-8.829913e-04	2.909468e-03
## SPAC1556.05c	-2.413937e-03	2.033388e-03	-3.729236e-03
## SPAC1F12.02c	5.416019e-03	-4.174391e-02	8.295828e-02
## SPAC1F12.03c	1.487939e-03	1.948413e-03	-2.423764e-04
## SPAC1F12.04c	-2.611105e-03	1.055896e-03	-2.750614e-03
## SPAC1F12.05	-1.788603e-03	6.487598e-04	7.822730e-03
## SPAC1F12.07	2.593814e-03	8.491355e-03	1.118532e-03
## SPNCRNA.937	1.560556e-03	9.812886e-04	1.238698e-03
## SPAC4H3.01	9.716576e-03	-8.492087e-04	-2.063234e-04
## SPAC4H3.03c	5.297614e-04	-3.878048e-04	-3.702727e-03
## SPAC4H3.06	2.117559e-03	-1.192539e-03	-1.133109e-03
## SPAC4H3.09	-1.952639e-03	-1.723181e-03	-1.662102e-03
## SPNCRNA.941	-9.175742e-06	2.271940e-04	-1.536355e-04
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-2.148884e-04	-3.701952e-04	-2.159463e-04
## SPNCRNA.942	-3.479036e-04	-1.131706e-03	-5.587905e-03
## SPAC4H3.12c	-5.553596e-04	2.067980e-04	-4.651504e-04
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	-3.167204e-03	-1.375003e-02	8.152907e-03
## SPAC1071.02	-2.857500e-03	4.469669e-03	6.899619e-03
## SPAC1071.03c	-2.242659e-03	-5.574585e-03	3.202694e-03
## SPNCRNA.237	3.871117e-04	-1.329716e-04	3.904403e-04
## SPNCRNA.943	9.331334e-04	6.457517e-04	1.487600e-04
## SPAC1071.05	-3.300565e-04	-5.905100e-03	7.412605e-03

## SPAC1071.06	1.187013e-04	-4.711392e-04	4.457855e-03
## SPAC1071.08	1.009178e-02	-5.992885e-03	-1.582572e-02
## SPAC1071.10c	4.306586e-03	5.238383e-02	1.163728e-01
## SPNCRNA.93	1.031125e-04	3.687771e-04	-1.736961e-04
## SPAC1071.13	-2.137560e-04	-3.846928e-04	4.712849e-03
## SPNCRNA.945	-7.592434e-05	-9.483500e-04	-2.703864e-04
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	4.518911e-04	2.567836e-03	-4.681985e-03
## SPAC926.02	1.319319e-03	-3.912516e-03	7.606221e-03
## SPNCRNA.946	4.002076e-03	-3.143886e-04	1.990332e-03
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	-1.153065e-03	2.956721e-03	-6.569630e-04
## SPAC926.04c	-9.762532e-02	1.814422e-02	1.074064e-01
## SPRRNA.18	6.071219e-02	-1.083704e-02	1.119010e-02
## SPAC926.05c	4.039150e-03	-7.321209e-04	8.104928e-04
## SPAC926.09c	-6.851443e-02	-3.444810e-02	9.285668e-05
## SPAC323.01c	2.356794e-03	-3.248633e-03	3.160971e-03
## SPNCRNA.948	1.134929e-04	-1.226138e-03	7.538311e-04
## SPAC323.06c	-1.487918e-03	2.008830e-03	9.872320e-04
## SPAC323.07c	5.489202e-03	-8.488345e-03	-7.754952e-04
## SPAC2F3.02	1.154387e-02	-1.754910e-03	-7.733128e-03
## SPAC2F3.03c	6.097702e-03	-7.610157e-03	-6.820897e-03
## SPAC2F3.04c	-2.392164e-03	-5.707396e-03	-1.297258e-03
## SPAC2F3.05c	9.899199e-03	-2.057063e-03	-4.780815e-03
## SPAC2F3.06c	4.764261e-03	-1.943642e-02	7.930123e-03
## SPAC2F3.08	3.786620e-04	4.323238e-04	4.206335e-03
## SPNCRNA.949	2.098251e-04	-1.280255e-03	2.994111e-03
## SPNCRNA.950	-2.114823e-04	9.848245e-05	-2.947057e-05
## SPAC2F3.18c	-8.425838e-04	-2.510970e-03	-1.924231e-03
## SPAC2F3.11	-5.707096e-03	-6.019309e-03	-1.222146e-03
## SPNCRNA.240	-3.186900e-04	-8.723010e-05	-3.589234e-04
## SPAC11G7.01	1.057830e-03	-5.572564e-03	-2.064887e-03
## SPAC11G7.02	1.704040e-03	-1.209064e-02	6.588619e-03
## SPAC11G7.03	2.930793e-03	2.605437e-03	-1.144363e-02
## SPAC11G7.04	2.884013e-02	-3.993165e-03	2.854161e-03
## SPAPB18E9.01	-3.214910e-03	3.729218e-05	4.777108e-03
## SPAPB18E9.05c	5.471631e-03	-1.238368e-02	-4.321548e-03
## SPAPB15E9.01c	1.038150e-02	5.101090e-03	5.570397e-02
## SPAPB15E9.02c	-9.898558e-04	-7.820188e-04	7.633823e-04
## SPAC27E2.02	-7.579102e-05	5.768627e-03	4.530932e-03
## SPNCRNA.53	7.479270e-06	2.027704e-05	5.594118e-06
## SPAC27E2.14	-2.904817e-04	6.647295e-04	-4.464664e-04
## SPAC27E2.05	2.634732e-03	3.147004e-04	2.557449e-03
## SPAC27E2.09	2.170530e-03	-1.022667e-02	-1.976573e-03
## SPAC27E2.10c	-4.403333e-04	-1.563591e-03	4.697855e-04
## SPAPJ698.03c	-7.577341e-04	-1.680837e-02	4.005308e-03
## SPAC19G12.02c	2.202601e-03	7.033851e-04	1.540762e-03
## SPAC19G12.04	2.219557e-03	1.106586e-03	-1.493580e-03
## SPAC19G12.06c	-5.919955e-03	4.760714e-03	1.095165e-02
## SPAC19G12.07c	8.727587e-05	-1.270875e-03	7.316939e-03
## SPAC19G12.08	-1.438668e-03	-2.133803e-03	2.748726e-03
## SPATRNALEU.04	4.308630e-02	-1.380212e-02	4.301691e-02
## SPAC19G12.09	-6.472801e-03	-1.199036e-02	1.349794e-03
## SPAC19G12.13c	8.395895e-04	2.904864e-03	6.530060e-04

## SPAC19G12.14	6.093712e-03	-4.115129e-04	-1.190776e-04
## SPAC23A1.07	-1.552401e-03	-2.609446e-04	4.025773e-04
## SPAC23A1.08c	2.681610e-02	-4.515524e-03	6.678146e-02
## SPAC23A1.10	1.170158e-02	2.930700e-02	-2.401042e-02
## SPAC23A1.15c	-3.834132e-03	-3.937795e-03	-3.910353e-03
## SPAC23A1.16c	-2.985250e-03	-2.614870e-03	-4.069979e-04
## SPNCRNA.341	-7.643553e-05	-7.694189e-05	-1.314222e-04
## SPAC26H5.04	-1.105917e-02	-3.138028e-03	-5.080366e-04
## SPNCRNA.961	9.421922e-05	-9.228073e-04	1.092500e-03
## SPAC26H5.07c	1.219432e-02	-7.342476e-03	1.031245e-02
## SPAC26H5.08c	9.189234e-03	1.287288e-03	4.175939e-03
## SPNCRNA.962	-2.701400e-06	-8.199390e-06	6.418051e-06
## SPNCRNA.306	-9.777507e-06	-4.776488e-06	-8.385052e-05
## SPAC26H5.09c	4.002069e-03	6.060941e-03	-6.237841e-03
## SPAC26H5.10c	3.891849e-03	4.015679e-02	5.296381e-03
## SPNCRNA.964	-2.950258e-04	1.737811e-03	-5.968871e-04
## SPNCRNA.965	4.502820e-05	-2.095677e-03	1.321445e-03
## SPNCRNA.242	5.252325e-02	-5.948623e-02	6.812825e-02
## SPSNORNA.13	-3.273167e-02	1.286422e-01	-1.388514e-01
## SPAC25B8.02	1.590418e-04	1.276130e-03	2.538924e-03
## SPAC25B8.03	7.420924e-04	-3.232934e-03	7.937900e-04
## SPAC25B8.04c	-1.585830e-03	-1.543124e-03	-4.567137e-04
## SPAC25B8.05	2.266671e-03	1.871699e-03	1.119862e-03
## SPAC25B8.07c	-2.565603e-03	1.239754e-03	4.622542e-03
## SPAC25B8.20	1.530180e-03	-1.351635e-03	-2.337124e-03
## SPNCRNA.967	-9.170594e-05	-3.117417e-04	1.943662e-03
## SPAC25B8.10	2.128728e-03	-1.111663e-03	-1.006791e-02
## SPAC25B8.11	8.117391e-03	-6.304760e-03	-2.001126e-03
## SPNCRNA.968	2.328034e-03	3.231780e-04	-1.005926e-03
## SPAC25B8.13c	3.158310e-03	4.947316e-03	-3.977592e-04
## SPRRNA.19	-2.676618e-03	-6.694134e-04	-5.176516e-04
## SPAC25B8.14	3.196031e-03	-1.528057e-03	2.641506e-03
## SPAC25B8.15c	-1.655480e-03	-3.313027e-03	-1.658824e-03
## SPAC25B8.16	2.124832e-04	-4.631774e-03	8.478269e-03
## SPNCRNA.970	-2.342297e-03	-4.616047e-04	1.193432e-03
## SPNCRNA.971	-1.312906e-03	5.986205e-04	-9.068199e-04
## SPAC694.03	1.377948e-03	-3.489725e-03	-2.653165e-03
## SPAC694.04c	4.337194e-03	7.166974e-03	-2.679160e-03
## SPNCRNA.972	-1.967649e-03	6.908293e-04	-1.425534e-03
## SPAC1F7.02c	9.465911e-04	1.452525e-02	6.353590e-03
## SPAC1F7.03	1.841520e-03	-1.087647e-02	1.783990e-03
## SPAC1F7.06	-1.170420e-04	-6.342756e-06	2.415069e-05
## SPAC1F7.07c	-9.936608e-03	-7.342051e-03	3.404913e-03
## SPSNORNA.14	8.038518e-05	-3.938693e-06	1.982014e-05
## SPRRNA.20	-3.471924e-03	-9.964943e-03	-6.763289e-02
## SPAC1F7.10	1.957475e-03	3.674229e-03	2.725949e-03
## SPAC1F7.11c	2.004611e-03	-8.191075e-04	-4.338912e-04
## SPAC1F7.12	1.963194e-03	-7.049962e-04	8.800633e-04
## SPAC21E11.03c	-5.084713e-03	-2.381610e-03	-1.619047e-03
## SPAC21E11.05c	-3.239686e-03	-8.490063e-05	-4.101879e-03
## SPAC21E11.08	1.102706e-03	-2.686703e-03	2.002083e-03
## SPATRNASER.03	1.163899e-03	1.391060e-03	-1.185576e-02
## SPATRNAMET.03	4.200803e-03	1.089471e-03	3.775980e-03
## SPAC2C4.05	-1.350174e-03	-1.025958e-02	1.655985e-04

## SPAC2C4.06c	1.393624e-03	-1.172245e-04	5.342285e-03
## SPAC2C4.08	4.348586e-04	-7.885720e-04	1.769833e-03
## SPAC2C4.11c	1.619766e-03	-4.967053e-03	2.239723e-03
## SPAC2C4.12c	7.758356e-03	-2.318296e-04	-5.692994e-03
## SPAC2C4.14c	3.093497e-03	3.201143e-03	-2.625567e-03
## SPAC2C4.15c	5.130863e-03	6.724174e-03	9.020554e-03
## SPAC2C4.16c	7.417310e-04	-1.091368e-01	2.981713e-03
## SPNCRNA.974	-3.373546e-03	5.828377e-04	-1.069253e-03
## SPNCRNA.975	-4.056568e-04	4.134570e-04	7.015115e-04
## SPNCRNA.976	3.383505e-04	2.153954e-04	-9.904144e-04
## SPAC25G10.01	5.040665e-03	1.463191e-03	3.748825e-03
## SPAC25G10.05c	-1.338666e-02	1.092591e-02	-3.962192e-03
## SPAC25G10.06	-7.546175e-03	-7.864773e-03	-2.827763e-03
## SPAC25G10.07c	-1.300452e-03	-5.553587e-04	-1.572704e-03
## SPAC25G10.09c	-1.073434e-02	2.294321e-03	8.324749e-03
## SPAC27F1.02c	-7.536575e-03	-6.246386e-03	1.201280e-02
## SPAC27F1.03c	-1.134243e-03	-2.300220e-03	-7.268521e-04
## SPAC27F1.04c	1.483728e-03	-3.493220e-03	-5.870430e-04
## SPAC27F1.07	4.962864e-03	-1.496539e-03	1.140590e-02
## SPAC27F1.08	9.626369e-03	4.541907e-03	4.622994e-03
## SPAC27F1.09c	-1.917277e-03	7.629213e-03	-3.795146e-03
## SPAC23D3.01	5.550274e-03	-3.858615e-03	3.054219e-03
## SPAC23D3.02	-2.367288e-03	9.799813e-04	-1.153214e-02
## SPAC23D3.03c	5.154455e-03	-5.006706e-03	1.479680e-02
## SPNCRNA.979	2.213719e-03	-4.420938e-03	-1.140396e-03
## SPAC23D3.08	-4.087718e-03	1.755937e-03	3.137896e-03
## SPAC23D3.11	-4.281142e-03	-4.910269e-04	1.570943e-03
## SPNCRNA.980	-2.129241e-04	4.695611e-04	3.601645e-04
## SPAC23D3.17	-3.557351e-03	1.039814e-03	1.346602e-04
## SPNCRNA.981	-1.078819e-04	2.661205e-04	1.905798e-04
## SPAC30.01c	1.268493e-02	-3.426330e-03	-7.890353e-03
## SPAC30.02c	2.425256e-03	-5.799594e-04	5.859043e-04
## SPAC30.04c	7.685965e-03	-9.693064e-03	1.401032e-02
## SPAC29E6.01	5.569495e-03	1.984048e-03	2.071094e-03
## SPAC29E6.03c	5.958085e-04	-1.564551e-03	4.234015e-03
## SPAC29E6.05c	-1.536389e-03	-1.869069e-04	1.586298e-03
## SPAC29E6.04	9.423120e-04	1.309965e-03	3.140428e-03
## SPAC29E6.07	2.476504e-04	-3.241468e-04	-3.240287e-04
## SPAC29E6.08	-2.993544e-02	7.981299e-03	3.354928e-03
## SPAC16.01	1.609106e-03	-6.132055e-04	1.002037e-03
## SPNCRNA.986	5.206876e-05	-4.540636e-04	-8.831989e-04
## SPAC16.03c	-1.886911e-03	-2.204019e-03	-1.345123e-02
## SPAC16.05c	-1.283224e-02	4.357408e-03	-1.072402e-02
## SPAC9E9.01	5.028953e-04	2.782332e-04	1.732795e-04
## SPAC9E9.17c	-2.796495e-05	-5.291481e-05	-5.154501e-05
## SPNCRNA.987	-1.513575e-04	-4.459418e-04	7.031522e-05
## SPNCRNA.12	-6.680176e-05	-3.543087e-05	4.943689e-05
## SPAC9E9.03	5.743119e-02	-6.396228e-02	9.427744e-03
## SPAC9E9.04	-6.422929e-03	1.748390e-03	1.085008e-03
## SPAC9E9.09c	-1.565999e-02	-1.483005e-02	-3.261234e-02
## SPNCRNA.989	-1.006195e-03	1.881907e-03	6.101929e-04
## SPAC9E9.15	-3.448387e-03	-4.027532e-03	6.438448e-03
## SPNCRNA.311	-1.816661e-04	5.367325e-05	-2.156551e-05
## SPNCRNA.991	-3.144341e-04	6.500433e-04	-2.014979e-04

## SPAC17C9.14	1.731217e-03	-1.196289e-03	-1.486784e-04
## SPAC17C9.10	3.463066e-03	1.201416e-03	1.526734e-03
## SPAC17C9.07	-1.167481e-03	3.651753e-03	-1.014119e-03
## SPAC17C9.05c	8.120888e-04	1.692985e-03	-6.680501e-04
## SPAC17C9.01c	5.694974e-03	1.112016e-03	2.236816e-03
## SPAC1851.04c	-5.088472e-03	-5.540078e-04	2.125580e-03
## SPAC27D7.02c	2.944487e-04	-1.360935e-03	-3.017951e-03
## SPNCRNA.993	-3.351746e-04	-4.147803e-04	-2.676940e-04
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-7.166914e-03	3.628618e-03	-1.076366e-02
## SPNCRNA.995	9.074777e-04	1.308432e-03	-2.411284e-05
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	-6.517685e-04	5.386515e-04	2.851123e-04
## SPAC637.03	-4.241987e-03	-1.283195e-02	6.362947e-03
## SPAC637.04	-6.191128e-04	-3.148431e-03	1.300747e-03
## SPAC637.05c	7.849984e-03	5.032435e-03	1.759041e-02
## SPAC637.06	-1.274074e-02	-3.999529e-03	9.442372e-03
## SPAC637.09	2.813429e-03	-1.301333e-02	1.108407e-02
## SPNCRNA.999	-1.091914e-03	-5.747320e-04	4.112959e-04
## SPAC637.11	-5.190256e-03	-1.978377e-03	-4.767002e-04
## SPAC637.12c	4.860051e-03	-1.579992e-03	-1.183931e-02
## SPNCRNA.1000	1.159712e-03	-8.930413e-05	-3.588540e-04
## SPAC637.13c	-1.698305e-04	-3.127610e-04	-1.925425e-04
## SPNCRNA.249	9.841113e-04	-1.520549e-04	8.159869e-04
## SPAC31F12.01	4.306886e-03	-8.072155e-03	-4.550997e-03
## SPAC12B10.02c	-4.410894e-04	4.341809e-03	2.764106e-04
## SPAC12B10.03	5.702143e-03	-2.350465e-03	2.460185e-03
## SPNCRNA.1001	-1.032658e-03	8.480111e-04	1.051437e-04
## SPAC12B10.04	7.543495e-03	4.105959e-03	8.183715e-04
## SPAC12B10.07	-2.486766e-03	-1.007048e-02	-3.760404e-03
## SPAC12B10.08c	1.064528e-03	2.481006e-03	-3.540195e-03
## SPAC12B10.09	5.417381e-03	6.377104e-04	-1.933030e-03
## SPAC12B10.10	-2.262132e-03	2.248575e-03	-1.519279e-03
## SPNCRNA.1003	-1.145498e-03	1.399607e-04	-1.208195e-03
## SPAC12B10.15c	6.650438e-04	-8.977251e-04	-2.528504e-03
## SPNCRNA.1004	-7.136178e-04	-1.210954e-03	-1.345936e-03
## SPAC1093.07	8.787898e-04	-1.680161e-04	1.334633e-03
## SPAC1093.01	1.080239e-03	-6.116834e-03	1.793732e-02
## SPAC1093.02	-2.917386e-03	-5.448287e-04	2.969932e-03
## SPAC1093.03	-4.735129e-03	-3.278036e-04	1.595109e-03
## SPAC1093.04c	-8.818899e-04	-7.517251e-03	-2.315562e-04
## SPAC1093.06c	8.692265e-03	-1.055090e-02	1.294919e-02
## SPNCRNA.1006	4.095726e-04	-7.356472e-04	7.240869e-04
## SPAC30C2.02	1.668816e-03	1.277069e-03	3.841170e-03
## SPAC30C2.04	-1.978326e-02	2.849673e-03	1.871776e-02
## SPAC30C2.05	-4.602438e-03	1.649212e-03	1.010238e-03
## SPAC30C2.07	-5.211622e-03	5.131869e-03	1.398320e-02
## SPNCRNA.1008	-9.324968e-04	3.039190e-03	1.471085e-03
## SPAC1635.01	1.325342e-02	-7.367983e-03	-7.286847e-04
## SPNCRNA.1009	-4.128048e-04	-4.102674e-04	-8.960863e-04
## SPAC144.02	-3.835943e-03	-1.535722e-03	8.375351e-03
## SPAC144.03	-2.534299e-03	-3.587447e-03	2.804461e-02
## SPAC144.04c	-1.328143e-02	2.361227e-03	2.129897e-02

## SPAC144.05	2.279358e-03	2.389341e-03	6.097457e-03
## SPAC144.10c	6.510599e-03	-2.493278e-04	-1.641501e-02
## SPNCRNA.1013	-1.960910e-05	-1.200913e-03	-3.219928e-04
## SPNCRNA.1014	-1.578167e-05	4.707250e-04	-1.064528e-04
## SPAC144.12	-1.739951e-03	2.928151e-03	1.118507e-02
## SPAC144.13c	1.196547e-04	-5.538434e-03	2.828777e-04
## SPAC144.16	2.654901e-05	3.880500e-03	-4.207191e-03
## SPNCRNA.1016	-1.026733e-03	-2.754966e-04	-6.480935e-04
## SPNCRNA.1017	2.309691e-04	-2.764400e-04	8.305345e-05
## SPAC1834.03c	-4.486200e-02	-9.339386e-03	1.872395e-02
## SPAC1834.04	-3.911965e-02	3.394782e-03	4.145463e-02
## SPAC1834.05	-6.524397e-03	7.213345e-03	-4.219266e-03
## SPAC1834.08	-3.219044e-03	3.830905e-03	7.997088e-03
## SPATRNATHR.05	4.363214e-03	-1.720426e-02	-2.391306e-03
## SPAC1834.10c	-2.219698e-03	2.780532e-03	-1.240091e-03
## SPAC1834.13	1.873957e-05	-1.384979e-04	5.952036e-05
## SPAC17D4.01	-1.124862e-02	1.811317e-03	1.513635e-02
## SPAC17D4.02	3.566596e-03	-3.024898e-03	8.104721e-03
## SPAC17D4.04	7.411878e-05	-9.378970e-03	1.112502e-03
## SPAC458.02c	-1.306824e-03	6.593341e-03	-1.242182e-02
## SPNCRNA.1019	-9.992815e-04	9.547831e-04	-5.409904e-04
## SPAC458.03	1.462502e-03	-2.506091e-03	-4.060697e-03
## SPNCRNA.1020	-6.776576e-04	5.474085e-04	-3.047062e-04
## SPAC458.07	6.791683e-04	-1.227913e-04	2.639867e-04
## SPAPYUG7.02c	3.529712e-03	1.298907e-03	4.122690e-03
## SPNCRNA.1022	5.223435e-04	-1.938192e-03	-3.669609e-05
## SPAC1782.01	5.842729e-03	-4.000453e-03	-1.724031e-02
## SPAC1782.03	-1.012928e-03	1.605804e-03	6.828834e-04
## SPAC1782.06c	-8.819878e-04	5.107280e-03	-1.342476e-03
## SPNCRNA.1023	-1.202198e-03	9.778006e-04	-4.029833e-04
## SPAC1782.09c	-1.536594e-03	-2.681050e-04	-4.891200e-03
## SPAC1782.10c	-1.507137e-02	-1.541641e-02	-5.286183e-03
## SPAC1782.11	-4.241202e-03	-1.132448e-02	-1.560134e-02
## SPAC11H11.02c	-5.092565e-03	-5.495564e-03	-2.400651e-03
## SPAC11H11.01	8.505121e-04	6.895329e-04	1.249885e-04
## SPAC11H11.03c	1.001362e-04	1.759437e-03	-5.527250e-04
## SPAC11H11.04	7.888357e-04	-2.299418e-04	-1.230797e-04
## SPAC11H11.06	-1.534834e-02	-4.889079e-03	7.835536e-03
## SPAC22F8.03c	1.102496e-04	-1.332472e-06	8.812473e-05
## SPAC22F8.07c	-4.389662e-03	7.725803e-04	1.634582e-04
## SPAC22F8.08	1.584520e-02	1.996944e-02	-5.569241e-03
## SPAC22F8.11	6.382580e-03	4.866369e-03	1.241919e-02
## SPAC22F8.12c	-3.018693e-04	-2.255418e-04	-2.700123e-03
## SPAC20G4.02c	1.405526e-03	1.356318e-03	1.219641e-03
## SPAC20G4.03c	9.122771e-03	8.296105e-03	-2.339942e-03
## SPAC20G4.04c	-4.105610e-04	-1.274587e-03	-4.144800e-03
## SPNCRNA.1027	-1.431603e-03	-1.153802e-03	2.393225e-03
## SPAC20G4.09	-4.831442e-04	-2.144857e-05	3.681097e-04
## SPAC20G4.07c	1.027510e-03	-2.855365e-04	5.563381e-03
## SPAC4F10.03c	-1.679508e-03	-4.950043e-03	3.962332e-03
## SPAC4F10.04	-1.368573e-04	5.599542e-04	-1.613067e-03
## SPNCRNA.1028	-1.467898e-03	2.412387e-04	-1.420579e-03
## SPAC4F10.08	-1.673618e-04	-1.221729e-04	2.089868e-04
## SPAC4F10.12	-1.743142e-04	-2.599701e-03	1.387063e-03

## SPAC4F10.13c	-1.774100e-03	-1.925591e-02	7.165724e-03
## SPNCRNA.1030	1.174171e-04	4.836616e-04	-3.120663e-04
## SPAC4F10.15c	1.550817e-03	3.386687e-03	5.605321e-03
## SPAC4F10.16c	-5.664919e-03	1.398755e-03	7.286519e-03
## SPAC4F10.18	2.720120e-04	-4.919094e-04	-4.685399e-03
## SPAC4F10.19c	5.207573e-04	-5.229605e-04	3.009548e-05
## SPAC19B12.01	6.094036e-03	-7.225651e-03	-1.327560e-02
## SPNCRNA.255	2.570814e-04	2.728965e-04	2.451073e-05
## SPAC19B12.03	4.156689e-03	-1.044620e-02	-1.152598e-02
## SPNCRNA.1034	-5.278302e-04	8.939751e-04	-1.522124e-03
## SPAC19B12.04	-2.134980e-02	1.829830e-02	-1.490817e-02
## SPAC19B12.07c	-3.971171e-03	1.104906e-04	-2.888569e-03
## SPAC19B12.10	-1.238824e-03	4.083168e-03	-2.491343e-03
## SPAC19B12.12c	7.246932e-04	1.116951e-03	1.452114e-03
## SPAC19B12.13	1.396741e-03	8.474650e-04	-1.123676e-03
## SPNCRNA.1035	6.430273e-04	9.371565e-04	3.638375e-04
## SPAPB8E5.04c	-1.477702e-03	-1.882924e-03	1.176520e-03
## SPAPB8E5.06c	-9.377055e-03	3.369378e-02	6.190074e-03
## SPAC1B3.01c	-1.076527e-02	-8.004632e-03	-1.386728e-02
## SPAC1B3.02c	-4.168651e-03	6.593372e-03	3.338068e-03
## SPNCRNA.1036	1.310055e-04	3.550228e-04	-4.065520e-04
## SPAC1B3.03c	-1.828945e-02	-9.605954e-03	2.811826e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	2.301026e-06	-3.669561e-04	-5.570099e-04
## SPNCRNA.1038	4.461284e-02	-3.292126e-02	6.857182e-03
## SPAC1B3.07c	-1.006378e-03	-3.437272e-03	2.498848e-03
## SPAC1B3.08	-3.986907e-03	4.008969e-03	-9.151964e-03
## SPAC1B3.10c	-5.720843e-04	-4.576714e-03	-4.428488e-04
## SPAC1B3.11c	-1.276673e-03	1.732157e-03	-3.105190e-03
## SPAC1B3.20	-2.384881e-03	1.180249e-03	-8.170720e-04
## SPAC1B3.13	6.031680e-03	7.449124e-03	1.421536e-02
## SPAC1B3.15c	1.053018e-03	2.770029e-03	3.479884e-03
## SPAC1B3.16c	2.082793e-02	7.007297e-02	1.747102e-02
## SPNCRNA.1039	1.543357e-04	2.532522e-04	1.027058e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	-1.261545e-03	5.273678e-03	3.704075e-03
## SPAC1952.05	5.474385e-03	-5.278881e-03	1.810546e-04
## SPAC1952.06c	-8.385249e-04	-1.006266e-02	-3.166598e-03
## SPAC1952.08c	1.189702e-03	-2.380589e-03	3.692583e-03
## SPAC1952.11c	-6.691120e-03	-7.461184e-03	1.743310e-03
## SPAC1952.13	-8.586081e-05	5.703859e-03	1.401108e-03
## SPAC1952.14c	-9.756250e-04	2.835531e-03	4.469445e-03
## SPAC1952.15c	-1.633770e-03	1.003401e-04	-2.167420e-03
## SPAC890.02c	-1.596784e-03	3.898208e-03	-3.438833e-03
## SPAC890.05	3.390189e-03	-4.294693e-03	-6.949742e-03
## SPAC890.07c	3.458839e-04	1.182980e-02	9.856423e-03
## SPAC890.08	-4.068032e-02	2.028130e-02	1.557616e-02
## SPNCRNA.258	2.774093e-04	-3.036807e-04	4.677878e-04
## SPAC22E12.01	1.396826e-03	-1.197326e-03	1.368014e-03
## SPAC22E12.02	2.243752e-04	-3.490125e-04	-3.433573e-03
## SPAC22E12.03c	-1.447933e-02	5.174051e-03	1.760058e-03
## SPAC22E12.05c	-5.230984e-03	1.265072e-02	-2.642073e-03
## SPAC22E12.06c	3.811903e-03	-1.324749e-02	-5.364712e-03
## SPAC22E12.07	-7.629504e-03	-2.242885e-03	7.792900e-03

## SPAC22E12.08	-5.037207e-04	-1.987174e-03	-2.252310e-03
## SPAC22E12.11c	1.020239e-02	-1.346119e-03	6.114800e-03
## SPAC22E12.14c	3.750305e-03	-6.706177e-03	3.491199e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	-1.053391e-04	-1.827299e-03	6.838639e-04
## SPAC1006.05c	-4.618155e-04	-1.105426e-02	8.959122e-03
## SPAC1006.06	1.052456e-02	-8.131284e-03	4.384260e-04
## SPAC1006.07	-6.138360e-02	-6.888410e-02	4.316950e-02
## SPAC1006.08	-1.664420e-03	5.728170e-04	-5.763309e-03
## SPAC1006.09	6.051866e-03	-2.465471e-03	9.570817e-03
## SPAC1250.05	-4.210727e-03	1.930607e-03	-2.123414e-04
## SPAC1250.04c	1.722276e-03	-2.422437e-03	3.206874e-04
## SPAC1250.03	2.599847e-04	-2.088275e-03	-1.562769e-03
## SPAC1250.02	-2.065694e-04	-7.317260e-04	4.305993e-04
## SPNCRNA.1046	-6.029055e-04	-4.192132e-05	4.835216e-05
## SPAC29A4.20	9.357742e-03	6.824013e-03	-2.929473e-03
## SPAC29A4.19c	-1.079227e-03	9.228168e-03	2.700501e-03
## SPAC29A4.17c	1.129689e-03	-3.382988e-04	-1.042471e-03
## SPAC29A4.16	-9.375546e-03	-2.217020e-03	2.737501e-02
## SPAC29A4.15	-4.401489e-03	-4.747126e-03	1.660578e-03
## SPNCRNA.1047	-6.141849e-05	2.129813e-04	4.052837e-05
## SPAC29A4.12c	2.759861e-04	1.046871e-03	6.413792e-04
## SPAC29A4.09	5.015668e-03	2.586623e-03	-5.260643e-03
## SPAC29A4.08c	7.964459e-03	-3.389507e-03	-4.021912e-04
## SPAC29A4.07	2.998664e-03	-1.385356e-03	5.172821e-03
## SPAC29A4.06c	-1.430632e-03	1.663310e-04	-2.939791e-04
## SPAC29A4.04c	9.583291e-03	-3.275457e-03	4.884256e-03
## SPAC29A4.02c	8.582101e-03	6.070117e-03	4.163184e-02
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-2.384254e-03	4.517074e-04	-2.981213e-03
## SPSNORNA.16	-4.212652e-02	2.589517e-02	-1.044089e-02
## SPAC26F1.13c	2.342389e-02	2.086908e-03	-5.994061e-03
## SPAC26F1.11	-9.926495e-04	4.662710e-04	-1.480636e-03
## SPAC26F1.07	-3.079700e-02	-1.593232e-03	-4.608182e-02
## SPAC26F1.05	9.209616e-04	-1.498774e-03	1.449623e-03
## SPNCRNA.1056	-5.853137e-04	1.579414e-04	1.594827e-03
## SPAC26F1.04c	-3.741074e-03	4.302929e-03	-1.188230e-02
## SPAC26F1.03	1.846924e-03	-1.511257e-02	2.151785e-02
## SPAC26F1.01	-1.073493e-04	4.757441e-03	1.045326e-03
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-3.037981e-04	-2.071551e-04	8.547121e-05
## SPAC19D5.01	1.303896e-02	-1.237518e-02	1.805971e-02
## SPAC19D5.02c	4.667483e-03	-4.813596e-03	-6.959503e-04
## SPAC19D5.04	4.478139e-03	-5.858261e-03	-1.365527e-02
## SPAC19D5.05c	3.763114e-03	1.981104e-04	2.968349e-03
## SPAC19D5.11c	-1.241167e-04	4.660256e-04	-2.438753e-04
## SPNCRNA.1060	-8.165890e-04	-4.586252e-04	2.655337e-03
## SPAC14C4.01c	-8.292638e-04	-1.394486e-03	4.578806e-03
## SPAC19D5.07	-1.569946e-04	9.904214e-04	-1.991791e-03
## SPNCRNA.1062	-6.929968e-05	-6.537052e-04	5.078675e-04
## SPAC14C4.03	4.229171e-04	1.388413e-04	-4.392402e-04
## SPAC14C4.04	4.397608e-03	-5.272858e-03	3.518929e-03
## SPAC14C4.05c	-3.054215e-03	-3.058612e-03	5.189794e-03

## SPAC14C4.07	1.622838e-03	-1.142298e-03	-4.343205e-03
## SPAC14C4.08	-1.139701e-04	-1.390733e-04	-2.247122e-04
## SPAC14C4.09	-3.004864e-04	-3.836685e-05	-4.474952e-03
## SPAC14C4.10c	-3.273182e-03	-3.367238e-03	1.020147e-03
## SPAC14C4.11	-7.957269e-04	3.207291e-03	2.270863e-04
## SPNCRNA.261	-1.228679e-03	-6.523820e-04	2.087836e-03
## SPAC14C4.13	3.792875e-03	-3.428569e-03	-8.092652e-07
## SPAC14C4.14	7.653841e-04	6.184316e-03	-1.262203e-02
## SPAC14C4.15c	1.319463e-03	-2.158954e-03	8.222446e-03
## SPAPJ760.03c	1.819170e-03	3.344037e-03	2.186572e-04
## SPNCRNA.1064	-4.873129e-04	-5.380510e-05	-6.541039e-04
## SPAC2H10.02c	-2.230970e-03	1.907435e-04	1.404615e-03
## SPAC11E3.03	5.945589e-05	1.468362e-03	2.144281e-03
## SPAC11E3.04c	1.149680e-03	-2.053485e-03	-5.054465e-04
## SPAC11E3.07	2.077227e-03	-8.537444e-03	-9.306127e-03
## SPAC11E3.08c	-1.478447e-03	1.031568e-03	-1.801706e-03
## SPAC11E3.12	-4.698588e-03	6.849489e-04	6.235602e-04
## SPAC11E3.13c	8.841618e-03	-1.655086e-02	-9.209069e-03
## SPNCRNA.1068	-2.670839e-04	-3.519378e-05	-1.539310e-05
## SPAC11E3.15	-1.285447e-02	2.761876e-02	3.641125e-02
## SPNCRNA.1070	-7.255215e-04	-2.328382e-04	1.219427e-04
## SPAP8A3.05	1.857958e-04	1.018729e-03	1.247041e-03
## SPAP8A3.06	-1.796479e-03	9.410461e-03	-1.387242e-04
## SPNCRNA.525	1.282310e-04	-5.114709e-05	8.334872e-04
## SPNCRNA.1073	-7.732734e-04	-1.408258e-03	1.166636e-03
## SPAP8A3.10	-1.714544e-03	2.907082e-04	2.651934e-03
## SPAP8A3.12c	-4.391432e-03	1.252550e-03	1.567326e-02
## SPAP8A3.13c	1.829799e-03	-2.132912e-03	7.784668e-03
## SPAC4D7.01c	5.513167e-03	4.291579e-03	-1.445495e-03
## SPNCRNA.1075	4.744418e-04	2.799595e-04	-4.112623e-06
## SPAC4D7.04c	4.103187e-03	-5.042349e-04	1.039671e-05
## SPAC4D7.05	1.477671e-02	1.318542e-02	8.858940e-03
## SPAC4D7.06c	3.285367e-03	3.708978e-03	-2.723186e-03
## SPNCRNA.1077	-4.727807e-06	1.596407e-03	3.149187e-04
## SPAC4D7.07c	3.039180e-03	-2.025168e-03	2.413896e-03
## SPAC4D7.08c	-7.327096e-03	3.415539e-02	-2.803490e-04
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	-3.660990e-04	-1.051129e-03	1.637359e-05
## SPAC4D7.09	-6.290957e-03	4.921906e-03	1.746055e-02
## SPAC4D7.14	-1.399587e-03	-3.448992e-04	1.293452e-03
## SPAC3G6.04	2.101620e-04	-2.199962e-03	-2.418501e-03
## SPAC3G6.06c	9.089316e-07	2.728877e-04	-1.568364e-03
## SPAC3G6.07	1.891228e-03	7.855983e-04	6.298498e-04
## SPAC3G6.11	1.445878e-03	-1.044536e-03	4.159584e-03
## SPAC3G6.13c	-3.804933e-02	-7.809953e-02	-5.544400e-02
## SPNCRNA.267	-1.349822e-04	8.241346e-05	8.222692e-04
## SPAC29B12.02c	4.983738e-03	-1.569067e-02	-1.547495e-03
## SPAC29B12.04	9.459169e-03	-1.142224e-02	1.392191e-02
## SPAC29B12.05c	-9.671335e-04	4.009257e-04	7.992041e-04
## SPNCRNA.1081	-2.486638e-03	5.279679e-04	-7.531829e-04
## SPAC29B12.06c	-1.141007e-03	8.614295e-04	7.217211e-04
## SPAC29B12.07	6.351578e-03	-8.494680e-03	-3.913033e-03
## SPNCRNA.1082	1.102782e-03	1.550726e-03	9.797587e-04
## SPNCRNA.270	-2.425497e-04	-8.073091e-05	4.358698e-04

## SPAC29B12.08	7.779965e-03	6.948779e-03	-1.566096e-03
## SPAC29B12.10c	1.087609e-02	1.523935e-05	9.891870e-03
## SPAC29B12.11c	-3.833253e-04	2.234119e-03	2.236899e-03
## SPATRNASER.04	2.023960e-04	1.118483e-02	1.296058e-02
## SPAC29B12.13	-1.259574e-03	-1.164981e-03	1.111116e-04
## SPNCRNA.271	-1.203832e-04	-8.081940e-05	-2.861687e-04
## SPNCRNA.272	8.436360e-05	-1.904985e-04	8.879910e-05
## SPAC1039.01	1.701917e-03	1.511555e-03	2.586367e-04
## SPAC1039.02	1.055526e-02	4.180070e-03	-1.249354e-03
## SPAC1039.03	-2.055553e-03	-5.000539e-03	7.089162e-05
## SPAC1039.05c	-1.255032e-04	-3.382761e-03	5.461553e-03
## SPNCRNA.1084	1.754993e-04	-1.478714e-04	2.389078e-04
## SPAC1039.06	3.933592e-03	-1.375623e-03	1.846168e-03
## SPNCRNA.1085	-1.117587e-04	-3.744971e-04	5.785843e-04
## SPAC1039.08	6.169405e-04	-6.706420e-04	2.957678e-04
## SPNCRNA.1086	4.690940e-04	6.538188e-05	-5.408601e-04
## SPNCRNA.275	-1.966738e-04	-1.559260e-06	2.821065e-04
## SPAC1039.09	1.302241e-03	1.613188e-03	5.958659e-04
## SPAC1039.11c	1.136866e-04	-5.707765e-04	4.304819e-03
## SPNCRNA.1087	-3.252039e-04	-2.124239e-03	4.973122e-04
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-4.983280e-04	9.019689e-04	9.735646e-04
## SPNCRNA.1089	1.044487e-03	3.617691e-05	-3.132825e-04
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-2.921760e-02	-4.367248e-02	1.484402e-02
## SPNCRNA.278	-4.243221e-04	-3.675656e-06	3.595015e-04
## SPAC922.06	1.839083e-03	-9.896092e-04	-5.078179e-04
## SPAC922.07c	2.401099e-04	1.212115e-03	4.106592e-03
## SPNCRNA.1090	2.515409e-04	4.391352e-04	2.816465e-05
## SPNCRNA.1091	-7.197823e-04	-8.419677e-05	1.262212e-03
## SPNCRNA.1093	-4.791101e-04	-1.135614e-05	5.968832e-05
## SPAC869.06c	1.376333e-03	-7.798513e-04	1.742613e-03
## SPNCRNA.279	2.284183e-04	-1.472418e-04	-6.894577e-05
## SPAC869.05c	9.036606e-04	1.766149e-03	4.684677e-03
## SPAC869.04	6.190126e-05	-1.100276e-04	1.569989e-05
## SPAC869.03c	1.495435e-04	-6.793423e-05	1.239924e-04
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	-9.240984e-05	6.777175e-05	-2.037626e-04
## SPAC869.02c	-2.618331e-03	-3.969184e-03	6.002367e-03
## SPAC869.01	1.546044e-04	-1.295442e-05	-5.504233e-06
## SPAC186.01	-1.663796e-04	9.731306e-04	1.876317e-03
## SPNCRNA.96	1.153154e-04	9.468282e-06	5.028826e-05
## SPAC186.03	3.406896e-04	5.467962e-05	1.589404e-04
## SPAC186.04c	2.733333e-04	1.020809e-03	-6.520323e-04
## SPAC186.06	9.893092e-05	9.237626e-04	-1.609085e-04
## SPNCRNA.310	1.667983e-05	-7.686666e-06	-1.244890e-06
## SPAC750.01	-3.571958e-03	1.187179e-04	2.211932e-03
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	-1.105888e-04	9.829801e-05	4.666827e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	4.125177e-05	3.825724e-04	3.732573e-04
## SPAC212.08c	1.043059e-04	2.371838e-04	-1.906766e-04
## SPAC212.07c	3.660454e-05	-6.298637e-04	-4.115411e-04
## SPAC212.06c	6.027143e-05	3.564144e-04	1.296096e-04

## SPAC212.05c	7.898949e-06	1.552873e-05	1.289317e-04
## SPAC977.01	-5.530070e-05	-9.962959e-05	-2.448874e-04
## SPAC977.18	-2.321471e-05	1.014652e-04	5.786404e-05
## SPAC977.02	1.592032e-05	-4.992234e-05	1.664932e-04
## SPAC977.06	-9.941326e-05	1.609667e-04	-7.776642e-06
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	-1.087558e-03	7.680670e-04	7.592108e-04
## SPAC977.10	4.290960e-03	-5.057967e-03	1.630662e-02
## SPAC977.12	-2.467199e-03	-3.838881e-04	8.035656e-03
## SPAC977.14c	-2.154508e-02	1.230751e-02	1.324169e-02
## SPAC977.17	-5.332674e-03	-1.250718e-04	6.637744e-04
## SPNCRNA.137	-2.450146e-04	-3.636934e-05	2.268585e-04
## SPNCRNA.83	1.271606e-03	1.086103e-03	2.152627e-04
## SPAPJ695.02	-8.332060e-04	-6.365899e-04	7.513745e-04
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-8.510600e-04	-2.066944e-03	-6.433739e-04
## SPAC1F8.02c	9.953387e-05	8.697284e-05	-4.911358e-05
## SPAC1F8.03c	-1.296098e-02	1.322603e-03	-1.285250e-02
## SPNCRNA.604	1.925063e-04	-5.395241e-04	3.158918e-04
## SPNCRNA.139	-5.720966e-06	-1.415817e-05	-1.414127e-05
## SPNCRNA.605	-2.392889e-03	-1.444381e-03	-3.635769e-03
## SPAC1F8.04c	-1.308495e-03	-1.122557e-04	-1.246870e-03
## SPNCRNA.606	-1.251440e-04	-1.169416e-04	6.932549e-04
## SPAC1F8.05	-2.566223e-03	-9.000466e-04	1.924161e-03
## SPAC1F8.07c	-6.617520e-02	7.781266e-02	4.479051e-02
## SPAC11D3.04c	-1.653648e-04	1.456485e-04	-6.119623e-03
## SPAC11D3.06	3.713742e-03	1.510475e-03	-4.103178e-03
## SPAC11D3.09	-1.758795e-03	5.197984e-04	-3.361362e-03
## SPAC11D3.10	1.006925e-05	1.527217e-03	7.406197e-04
## SPAC11D3.13	5.287672e-03	3.785879e-03	-6.307244e-03
## SPAC11D3.15	-5.027798e-03	-7.429354e-03	-1.463921e-02
## SPAC11D3.17	-4.883464e-04	6.603116e-07	-3.383942e-04
## SPNCRNA.611	2.600000e-05	8.923148e-04	1.518578e-03
## SPAC5H10.02c	-1.030380e-03	7.352963e-04	4.367884e-04
## SPNCRNA.613	6.791219e-04	-7.714214e-04	-1.677251e-03
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-7.404116e-04	-3.127271e-03	-3.649272e-04
## SPAC5H10.07	7.331865e-04	-2.666338e-04	-5.684877e-05
## SPNCRNA.614	4.024246e-04	-1.521444e-03	4.764522e-04
## SPNCRNA.615	-2.165086e-05	-5.626353e-04	2.625215e-04
## SPNCRNA.616	-2.882435e-04	-1.373713e-04	-3.321853e-04
## SPAC13G6.02c	3.165308e-02	-5.204801e-03	1.021318e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-5.865173e-03	1.079160e-02	-1.023338e-03
## SPAC13G6.05c	1.563038e-04	-2.966960e-03	3.783013e-03
## SPAC13G6.06c	9.895110e-03	1.357729e-02	-1.008190e-02
## SPAC13G6.07c	4.911847e-02	-3.235222e-02	-4.071547e-02
## SPAC13G6.08	2.522414e-04	4.143956e-04	-3.341717e-03
## SPNCRNA.619	-4.803509e-04	2.794969e-03	4.229463e-03
## SPAC13G6.09	-2.539950e-03	-5.903021e-03	3.656510e-03
## SPAC13G6.10c	-5.481193e-03	-2.623275e-02	3.040946e-02
## SPAC13G6.11c	2.949838e-03	-6.312615e-03	-1.729901e-03
## SPAC13G6.12c	-3.086818e-04	-2.834672e-03	2.321018e-03
## SPAC13G6.13	3.838284e-05	-7.185826e-05	2.073512e-04

## SPAC24B11.06c	-4.760679e-03	-7.799958e-03	5.019713e-03
## SPNCRNA.622	-5.736359e-05	1.877215e-03	3.322224e-03
## SPAC24B11.07c	-1.392776e-03	-7.232685e-04	-1.899724e-04
## SPNCRNA.623	-6.073474e-05	-2.596360e-03	-1.055319e-03
## SPAC24B11.10c	6.097120e-03	2.551872e-03	4.689463e-03
## SPAC24B11.14	1.730326e-04	-3.970253e-04	-4.810563e-04
## SPAC24B11.13	6.183012e-03	2.814328e-03	7.912480e-03
## SPAC806.03c	-3.888184e-05	-6.380411e-03	3.654131e-03
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	-1.889019e-03	4.375604e-03	-1.597174e-05
## SPAC806.05	-3.282394e-04	8.456430e-04	-5.394253e-04
## SPNCRNA.629	-2.293154e-04	-9.446433e-04	-7.828076e-04
## SPAC806.08c	8.872804e-04	3.009840e-06	2.085997e-03
## SPAC1639.01c	1.226153e-02	-5.982521e-03	5.174839e-03
## SPAC1639.02c	-4.998965e-03	-5.281269e-03	9.762383e-03
## SPNCRNA.631	6.571640e-05	1.742314e-05	-1.064063e-04
## SPAC1F5.10	7.487040e-03	1.943439e-03	1.887820e-03
## SPNCRNA.634	-1.013458e-03	-8.882298e-04	8.741847e-04
## SPAC1F5.09c	-6.931607e-04	3.277238e-04	1.186503e-03
## SPAC1F5.08c	2.985343e-03	-1.471249e-03	6.329813e-04
## SPAC1F5.06	-6.006597e-03	-8.564227e-03	7.014297e-03
## SPAC1F5.05c	6.406397e-04	8.294095e-04	2.405699e-04
## SPAC1F5.03c	2.191181e-03	2.046916e-03	-2.310527e-03
## SPAC18B11.11	2.995623e-03	-1.671874e-03	3.659024e-03
## SPAC18B11.06	-9.791998e-04	-3.224872e-03	4.797569e-03
## SPAC18B11.05	2.001637e-03	4.751484e-04	3.272908e-03
## SPAC18B11.03c	1.395733e-03	5.603609e-04	1.392083e-03
## SPAC12G12.16c	-9.329675e-04	-1.915228e-03	1.457498e-03
## SPAC12G12.13c	6.306955e-03	-1.062249e-02	1.188388e-02
## SPAC12G12.12	-9.877787e-04	2.580969e-05	4.970444e-03
## SPAC12G12.11c	-2.784992e-03	-4.113106e-03	3.126239e-03
## SPAC12G12.17	-3.073638e-04	-2.669830e-03	1.116164e-03
## SPAC12G12.08	-6.338508e-04	4.692348e-03	-6.954677e-03
## SPAC12G12.07c	-9.366921e-03	6.159816e-04	3.825220e-03
## SPAC12G12.05c	-3.631877e-03	-3.825051e-03	3.954283e-03
## SPSNORNA.29	-3.488095e-04	2.895794e-03	-8.304962e-04
## SPAC12G12.04	3.485443e-02	-2.901569e-02	-1.446598e-02
## SPAC12G12.02	3.599912e-03	1.462898e-03	-7.185366e-05
## SPNCRNA.640	1.280083e-04	-8.871869e-06	1.214823e-04
## SPAC12G12.01c	-4.965095e-03	2.811597e-03	3.623659e-03
## SPAC630.04c	-1.335988e-03	-7.861746e-04	1.854960e-03
## SPAC630.03	1.172649e-02	5.903707e-04	-8.996691e-03
## SPAC630.06c	2.294564e-03	-9.443534e-05	-1.913266e-03
## SPAC630.07c	2.713644e-04	-3.763665e-04	9.572516e-05
## SPNCRNA.641	-3.593567e-04	-6.428677e-04	2.310617e-05
## SPAC630.08c	7.486497e-05	-1.753662e-02	-3.403358e-03
## SPNCRNA.642	-8.094807e-04	-2.489800e-04	-1.130120e-08
## SPAC630.09c	-5.861175e-04	-3.992431e-03	3.634421e-03
## SPAC630.10	-1.157017e-03	4.374772e-03	6.734772e-04
## SPAC1751.03	-1.429370e-02	1.160766e-03	5.125273e-03
## SPAC31A2.05c	1.793631e-03	-1.499883e-03	1.731276e-03
## SPAC31A2.08	-2.607627e-03	-1.570082e-03	-1.211249e-03

## SPAC31A2.10	4.509082e-04	1.331683e-03	-4.248340e-05
## SPAC31A2.15c	2.193255e-03	6.516005e-04	-1.369311e-03
## SPAC13C5.02	6.751781e-03	-5.426004e-03	3.140293e-03
## SPAC13C5.03	1.062640e-03	3.555849e-03	4.093616e-04
## SPSNORNA.01	3.636431e-04	-1.332046e-02	-2.317773e-02
## SPNCRNA.646	1.544468e-03	-1.906693e-04	-5.811079e-04
## SPAC13C5.07	2.118405e-02	2.043999e-02	-9.705760e-03
## SPNCRNA.647	-5.350679e-04	-1.069868e-03	-5.294131e-04
## SPNCRNA.648	8.913463e-04	2.512444e-04	2.819805e-03
## SPAC23E2.01	-1.975641e-03	1.586205e-03	4.886381e-03
## SPNCRNA.649	-3.416860e-04	-4.625600e-04	-1.891710e-04
## SPAC23E2.03c	1.163301e-03	-7.912431e-04	-1.231707e-03
## SPNCRNA.650	4.738757e-05	4.744723e-04	-2.625524e-04
## SPAC24H6.13	2.506953e-02	-7.561484e-03	-1.106561e-02
## SPNCRNA.651	3.178329e-04	-1.507349e-03	-1.463667e-03
## SPAC24H6.10c	4.316057e-03	-1.730749e-02	-1.754758e-03
## SPAC24H6.08	-2.135776e-03	1.401150e-03	5.833248e-03
## SPAC24H6.05	-2.941523e-03	3.522209e-03	-1.186808e-03
## SPAC24H6.03	1.493822e-03	-1.091124e-03	-7.159500e-04
## SPNCRNA.47	6.257780e-05	2.682889e-04	1.282068e-03
## SPAPB21F2.02	4.876257e-03	6.167304e-03	4.003054e-03
## SPAPB21F2.03	1.364021e-03	1.920965e-03	-2.052935e-04
## SPAC227.01c	7.561977e-04	3.261446e-03	-3.097244e-03
## SPAC227.02c	-2.518319e-03	3.420829e-03	-1.224304e-03
## SPAC227.03c	-5.045700e-04	1.858277e-04	4.626333e-03
## SPNCRNA.656	-1.475512e-03	-1.119078e-04	-7.488557e-04
## SPAC227.04	1.511814e-03	-1.941049e-03	1.747001e-03
## SPNCRNA.658	1.387579e-04	-1.942611e-04	-6.667977e-04
## SPAC227.14	-3.507921e-03	1.374351e-04	3.003498e-03
## SPAC227.15	-3.841736e-03	3.390131e-03	2.972063e-03
## SPNCRNA.659	-2.968887e-04	2.219854e-03	-4.516769e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	4.081409e-03	-4.856883e-03	3.279749e-03
## SPAC227.18	3.947647e-03	7.116351e-03	4.131030e-03
## SPAC2F7.02c	6.943196e-04	8.570080e-04	4.368574e-03
## SPAC2F7.03c	2.912587e-04	-1.159921e-03	3.484511e-04
## SPAC2F7.05c	2.282603e-03	4.531362e-03	-6.650277e-03
## SPAC2F7.06c	1.068249e-03	-6.139719e-04	-4.066418e-04
## SPAC2F7.07c	3.898354e-03	-2.385446e-03	2.041110e-03
## SPAC2F7.08c	2.205851e-04	-3.274074e-03	1.447739e-03
## SPAC2F7.09c	1.571655e-03	-4.957975e-03	-2.379795e-04
## SPAC2F7.10	5.313041e-03	1.064971e-03	-1.919145e-03
## SPAC2F7.11	-1.964190e-03	1.612195e-03	-4.488651e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-2.136989e-03	-6.420162e-03	4.554133e-03
## SPAC2F7.16c	2.683788e-03	3.960000e-03	2.934278e-03
## SPAC2F7.17	-4.661369e-03	-1.429105e-04	-3.640468e-03
## SPAC13A11.02c	6.091312e-04	1.534446e-02	-1.176321e-02
## SPNCRNA.155	-1.339772e-04	7.213352e-05	4.866852e-04
## SPNCRNA.662	-1.318679e-04	2.790821e-04	3.278057e-06
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	1.529369e-03	2.198661e-03	2.013181e-03
## SPAC3H8.05c	5.503265e-03	3.538987e-03	9.051728e-03
## SPNCRNA.664	-8.734875e-04	-5.584087e-04	2.736333e-04

## SPNCRNA.665	-3.491720e-05	-2.468432e-04	-2.063462e-04
## SPAC3H8.06	4.466925e-03	-7.846703e-04	4.105930e-03
## SPAC3H8.07c	5.677413e-04	-2.287734e-03	4.865859e-03
## SPNCRNA.666	-3.735348e-03	-8.332906e-05	-3.296533e-04
## SPAC3H8.09c	4.332236e-03	4.746231e-03	2.357279e-03
## SPAC1F3.07c	-6.900760e-04	5.098941e-03	1.392794e-03
## SPNCRNA.668	-1.021816e-03	-1.367664e-03	-1.624176e-03
## SPAC1F3.08c	5.039672e-05	7.556888e-05	-7.342686e-05
## SPAC1F3.09	1.383017e-03	-1.380613e-02	-2.707604e-03
## SPNCRNA.669	-2.195284e-04	1.791540e-03	2.171246e-03
## SPAC1F3.10c	-7.779442e-04	3.539951e-03	-1.098334e-04
## SPAC1D4.04	4.018158e-03	1.330287e-03	9.586243e-03
## SPAC1D4.06c	-1.221993e-03	3.623234e-03	3.832810e-04
## SPAC1D4.08	6.588206e-03	8.589119e-03	1.549396e-02
## SPAC1D4.09c	2.076186e-03	4.563019e-03	-9.015134e-04
## SPAC1D4.11c	4.848120e-03	1.084380e-03	3.633985e-03
## SPNCRNA.672	-1.515234e-03	4.558767e-04	2.099587e-03
## SPNCRNA.673	6.791173e-05	3.259706e-04	2.406020e-04
## SPAC1D4.13	-3.018919e-03	-1.924475e-04	4.133749e-03
## SPNCRNA.674	-1.626751e-03	4.438615e-04	6.980058e-04
## SPAC22F3.12c	2.148143e-03	-8.877857e-04	-1.027524e-04
## SPAC22F3.09c	6.223424e-04	-3.315619e-03	6.069046e-04
## SPAC22F3.15	4.651669e-04	1.274708e-03	-3.687395e-04
## SPAC22F3.06c	4.082796e-03	-1.364009e-02	5.158263e-03
## SPAC22F3.04	2.722680e-05	-3.891768e-04	-3.276744e-04
## SPATRNAVAL.02	-2.353957e-02	-6.330098e-02	-3.065566e-02
## SPAC22F3.02	-5.336034e-04	4.090754e-05	-1.673789e-03
## SPAC1296.01c	-1.402066e-03	-9.226262e-03	1.119447e-02
## SPAC1296.02	-3.429822e-03	-3.481846e-04	-4.565163e-04
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	-1.385151e-03	-5.580748e-03	1.208477e-03
## SPAC1296.06	-7.772296e-03	-5.846867e-03	1.860197e-03
## SPAC22G7.02	2.463913e-04	-8.683158e-03	-5.098638e-03
## SPAC22G7.04	-1.142794e-02	-2.401029e-03	-3.218078e-03
## SPAC22G7.06c	3.325466e-02	-7.188571e-02	-2.010077e-02
## SPAC22G7.07c	7.729445e-04	-4.529596e-04	-1.128385e-03
## SPAC22G7.08	-1.382970e-03	-1.783189e-03	3.695459e-03
## SPAC22G7.11c	-1.738225e-03	7.248902e-04	7.005109e-04
## SPNCRNA.679	-7.023085e-04	8.489219e-04	-1.504193e-03
## SPNCRNA.680	-8.147095e-05	1.613815e-03	-5.337043e-04
## SPAC4G8.04	5.070863e-04	-5.368687e-03	1.252816e-03
## SPAC4G8.05	-3.448957e-03	-3.137684e-03	2.465553e-03
## SPAC4G8.07c	-3.328112e-04	1.098249e-03	-3.266621e-03
## SPNCRNA.681	-2.170772e-05	-2.120354e-05	8.061585e-05
## SPNCRNA.682	-1.227875e-04	-5.271799e-04	1.010899e-03
## SPAC4G8.09	-3.128672e-03	3.028860e-03	5.159521e-03
## SPNCRNA.683	-7.983694e-05	-3.603611e-04	1.369066e-03
## SPAC4G8.10	-5.817914e-03	3.362090e-03	-2.692535e-03
## SPNCRNA.684	7.513354e-05	7.563013e-04	-1.143244e-03
## SPAC16C9.01c	-2.831839e-03	2.134120e-03	-5.276668e-03
## SPNCRNA.685	3.965153e-06	7.063198e-04	-7.631352e-04
## SPNCRNA.686	-1.551328e-04	9.314243e-05	-4.787326e-05
## SPAC16C9.02c	2.112153e-03	-1.382492e-02	-3.769428e-05
## SPAC16C9.03	2.894212e-03	-7.497734e-03	-1.743792e-03

## SPAC16C9.04c	3.842291e-03	-2.424654e-03	1.555336e-03
## SPNCRNA.687	7.230241e-04	1.528351e-04	-9.858582e-04
## SPAC16C9.06c	1.828307e-03	-1.451894e-03	1.726100e-02
## SPAC16C9.07	3.456889e-03	-2.577957e-03	-1.340889e-03
## SPAC2G11.04	-1.242112e-03	-6.535671e-04	3.593190e-03
## SPAC2G11.05c	1.463869e-03	-3.509313e-03	1.692732e-03
## SPAC2G11.08c	8.135638e-04	-4.533536e-04	2.262427e-03
## SPAC2G11.10c	-5.307095e-04	-7.488618e-04	-2.618083e-03
## SPNCRNA.689	-1.257095e-04	1.431591e-03	1.798820e-04
## SPAC2G11.11c	1.367082e-03	2.300945e-03	2.297079e-03
## SPNCRNA.690	-2.973708e-04	-4.408139e-04	-2.171521e-04
## SPAC2G11.13	-2.904422e-04	-3.215052e-03	5.377306e-03
## SPAC2G11.14	2.676476e-03	-1.515689e-02	2.336927e-03
## SPAC2G11.15c	-1.104680e-03	3.011335e-03	-2.413683e-04
## SPAC521.04c	-4.164119e-03	-7.628485e-03	-5.208107e-03
## SPNCRNA.693	3.305099e-05	-1.595665e-04	3.307147e-05
## SPAC23G3.02c	1.071820e-03	9.129550e-03	7.929481e-03
## SPAC23G3.03	1.970389e-03	-1.107059e-03	-1.516665e-03
## SPAC23G3.05c	1.838010e-03	7.867638e-04	3.157884e-03
## SPAC23G3.09	9.440197e-04	-8.392643e-05	2.328357e-03
## SPAC23G3.11	-1.087121e-02	5.217158e-03	-6.725926e-03
## SPAC23G3.12c	-2.423569e-03	2.698851e-03	4.496222e-04
## SPAC22H12.03	5.045081e-04	1.548654e-03	-4.159726e-03
## SPAC22H12.04c	2.512307e-02	-9.380752e-02	2.323081e-02
## SPAC1687.02	1.255802e-03	1.261229e-05	-2.604053e-03
## SPAC1687.03c	1.469343e-03	1.048476e-03	-5.954605e-03
## SPNCRNA.695	1.853119e-04	6.882046e-05	1.653213e-03
## SPRRNA.12	1.112343e-02	1.886143e-01	9.105433e-03
## SPAC1687.07	-2.358590e-03	-6.264557e-04	1.094186e-03
## SPAC1687.08	4.067693e-06	3.190233e-04	5.361531e-04
## SPAC1687.09	-3.136265e-03	-3.650422e-03	4.732295e-03
## SPAC1687.10	3.717779e-03	-2.692466e-03	3.078281e-03
## SPAC1687.13c	1.095902e-03	-6.167210e-04	5.212528e-04
## SPAC1687.23c	-4.168593e-05	-2.203184e-05	-1.684696e-06
## SPAC1687.15	1.024548e-03	-7.932814e-03	-4.197074e-03
## SPNCRNA.697	6.296812e-04	6.530306e-05	-7.188046e-05
## SPAC1687.21	-1.326755e-03	-2.420089e-03	2.843796e-03
## SPAC1687.22c	2.319129e-03	7.361557e-04	5.338362e-03
## SPNCRNA.698	-1.207010e-03	1.875166e-03	-4.048549e-04
## SPNCRNA.699	-4.313325e-06	3.081889e-04	-3.487503e-04
## SPAC222.05c	-6.782328e-04	9.821707e-04	-3.756262e-03
## SPNCRNA.700	-3.016912e-04	1.756534e-03	5.153617e-05
## SPATRNAGLU.02	1.778363e-01	2.378938e-01	6.412326e-03
## SPAC222.09	1.740296e-03	2.963941e-03	6.953722e-04
## SPAC222.10c	4.149222e-03	-6.712974e-05	-2.693459e-03
## SPAC222.11	1.209947e-02	-6.123685e-03	6.350059e-03
## SPAC222.12c	4.152158e-02	-4.996556e-02	-1.471461e-03
## SPAC222.13c	2.442438e-03	-6.502936e-03	-1.390188e-03
## SPAC222.14c	-3.546344e-03	3.048532e-03	-7.114013e-03
## SPNCRNA.50	1.214302e-04	2.297515e-04	-1.690726e-05
## SPAC821.03c	-8.589108e-03	-5.943041e-03	-2.148305e-03
## SPAC821.04c	-6.875707e-04	-2.884723e-03	2.257639e-03
## SPSNRNA.03	2.036931e-01	-8.905495e-02	-2.282499e-02
## SPAC821.07c	3.006177e-04	3.301179e-03	1.733620e-03

## SPNCRNA.163	-7.977545e-04	6.297715e-05	-2.627964e-04
## SPNCRNA.164	1.499441e-04	1.899691e-05	-1.099406e-04
## SPAC821.11	1.264570e-02	-5.561158e-03	-9.502075e-04
## SPAC821.13c	6.603685e-03	-1.374280e-02	5.134058e-04
## SPAC139.03	1.284432e-03	-5.558770e-03	7.998357e-03
## SPAC139.04c	1.418651e-03	-1.291800e-03	1.043474e-03
## SPNCRNA.705	2.472638e-04	5.313187e-04	-1.184181e-04
## SPAC139.05	-1.935124e-02	-8.731466e-04	2.609374e-02
## SPNCRNA.706	1.391422e-03	-1.292605e-03	-9.129134e-04
## SPAC139.06	7.194888e-04	-5.240183e-04	1.198326e-03
## SPNCRNA.707	4.650542e-04	-1.892626e-05	1.093497e-03
## SPAC23C4.02	3.604087e-03	-1.236895e-02	-2.291724e-02
## SPAC23C4.04c	6.315717e-04	-2.364058e-03	-6.157156e-04
## SPAC23C4.07	-2.831656e-04	-8.262774e-04	-1.113798e-03
## SPAC23C4.08	-3.858790e-03	3.991099e-03	1.125555e-02
## SPNCRNA.708	1.130741e-03	9.582777e-04	-1.080504e-03
## SPAC23C4.12	3.193748e-03	-4.237181e-04	-2.976172e-03
## SPAC23C4.16c	3.319124e-03	4.664554e-04	1.038811e-03
## SPNCRNA.709	-1.721622e-03	8.888654e-04	-4.506573e-04
## SPNCRNA.166	-1.376705e-04	-2.034718e-04	-1.153850e-04
## SPAC23C4.19	4.159018e-03	8.158456e-03	-1.416269e-02
## SPAC1A6.11	3.308859e-04	5.995367e-05	1.078288e-04
## SPAC1A6.05c	-4.231741e-03	-4.924586e-03	9.026832e-03
## SPAC1A6.07	-5.788571e-04	4.836314e-03	5.123643e-03
## SPAC1A6.09c	1.058571e-02	-5.330222e-03	-8.496615e-04
## SPAC1A6.10	7.083054e-03	1.404676e-03	-1.012027e-03
## SPAC30D11.13	5.610227e-03	9.609371e-04	-4.072606e-03
## SPAC30D11.12	1.341819e-02	-2.935962e-03	-8.294848e-03
## SPAC30D11.11	7.149018e-04	-1.015019e-03	-1.111535e-03
## SPAC30D11.10	2.054061e-03	8.584049e-04	-3.254446e-03
## SPNCRNA.712	-6.146482e-04	-1.809366e-03	-1.072934e-03
## SPAC30D11.09	5.500621e-04	1.537014e-03	1.489996e-03
## SPAC30D11.08c	8.633211e-04	3.817734e-03	-1.921090e-03
## SPAC30D11.04c	-5.390428e-04	-9.455211e-03	-3.023431e-03
## SPAC30D11.03	6.752984e-03	3.694818e-03	1.294522e-02
## SPAC30D11.01c	-6.438579e-03	-4.192463e-05	-2.074711e-03
## SPNCRNA.713	4.849353e-04	1.722400e-03	2.760168e-04
## SPNCRNA.714	9.017378e-05	8.494210e-05	1.633281e-04
## SPAC56F8.03	-2.452559e-02	4.646091e-03	-5.111549e-03
## SPAC56F8.05c	-1.691276e-03	4.998240e-03	1.240626e-02
## SPNCRNA.715	2.361686e-04	-3.650133e-04	-2.602510e-04
## SPAC56F8.07	2.058964e-03	3.708814e-04	-3.231440e-03
## SPAC56F8.08	-3.845237e-03	9.023221e-03	-5.705239e-03
## SPAC56F8.10	6.648645e-03	-7.573578e-03	3.509972e-03
## SPAC56F8.11	-4.890944e-03	-7.133753e-03	1.537507e-03
## SPAC56F8.14c	-4.597548e-03	-2.416174e-03	3.502190e-03
## SPAC56F8.13	-7.778371e-04	2.418818e-04	-1.811794e-03
## SPAC56F8.15	1.725554e-03	-1.501245e-03	-1.964834e-04
## SPAC22A12.01c	1.133622e-03	1.238514e-03	-6.840876e-04
## SPAC22A12.03c	-2.890661e-05	1.005562e-03	6.177914e-03
## SPAC22A12.05	-5.283562e-03	-6.640432e-03	5.849079e-03
## SPAC22A12.06c	2.885361e-03	5.080359e-03	-3.088358e-03
## SPNCRNA.718	-1.713139e-03	1.382115e-03	-7.689257e-04
## SPAC22A12.13	1.464197e-03	-1.423989e-05	-1.036285e-03

## SPAC22A12.15c	7.700413e-02	8.039627e-02	-4.856864e-03
## SPAC22A12.16	1.254773e-02	1.726241e-02	-7.064762e-03
## SPAC4C5.01	1.702779e-03	-3.033086e-03	-4.140448e-03
## SPATRNAALA.02	2.311728e-03	4.115398e-04	-2.895654e-03
## SPNCRNA.722	-2.670573e-03	1.819949e-03	2.779854e-03
## SPAC4C5.04	-5.044817e-03	-1.951073e-03	-2.990996e-03
## SPNCRNA.723	-5.729869e-04	-6.496916e-04	1.186380e-03
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-3.231036e-02	1.520630e-02	-5.975723e-02
## SPAC10F6.04	-1.782024e-03	-1.412401e-03	-8.692507e-04
## SPAC10F6.06	-3.830886e-02	-3.284837e-02	-1.464324e-03
## SPAC10F6.07c	9.486529e-04	8.596027e-04	2.601985e-03
## SPNCRNA.554	3.813748e-04	6.152990e-04	5.431819e-04
## SPAC10F6.08c	-1.437831e-04	1.112600e-03	2.077581e-03
## SPAC10F6.09c	1.438895e-03	-8.178189e-03	-1.375896e-02
## SPAC10F6.11c	4.643803e-03	2.014634e-03	4.562588e-04
## SPAC10F6.12c	-2.480281e-03	3.574111e-03	2.355700e-04
## SPAC10F6.13c	1.486046e-02	-8.523876e-03	1.987502e-03
## SPAC10F6.14c	3.639464e-03	-1.916570e-03	3.122882e-03
## SPNCRNA.82	-1.122901e-04	7.054338e-05	-1.546406e-04
## SPNCRNA.727	2.942743e-04	8.077300e-05	-3.734136e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	2.284537e-03	-4.296637e-03	-1.642560e-04
## SPNCRNA.729	-2.121872e-04	6.141689e-05	2.067688e-05
## SPAC10F6.16	-1.041363e-02	-7.014466e-03	5.086233e-03
## SPAC56E4.02c	-2.700144e-03	3.267606e-04	2.500914e-03
## SPAC56E4.04c	4.507988e-02	-1.052161e-02	2.977242e-02
## SPAC56E4.05	1.352849e-03	-2.620882e-03	2.154509e-03
## SPAC56E4.06c	4.847238e-03	1.153007e-03	-4.250598e-03
## SPAC1420.01c	1.099331e-02	-1.129119e-02	5.651727e-03
## SPAPB17E12.04c	5.100038e-04	1.600923e-04	-3.361969e-03
## SPAPB17E12.06	-8.123760e-05	1.756080e-03	4.341203e-04
## SPAPB17E12.07c	4.652917e-03	1.818280e-03	-2.903932e-04
## SPAPB17E12.08	-1.861221e-04	-5.373073e-04	-5.865692e-04
## SPAPB17E12.10c	-5.879891e-04	-1.951860e-03	1.322813e-03
## SPAPB17E12.09	-3.185763e-05	-4.829116e-04	-5.063295e-04
## SPAPB17E12.12c	-2.074985e-03	4.691177e-04	-2.749801e-03
## SPAPB17E12.14c	2.693230e-03	2.069332e-03	3.294042e-03
## SPAPB17E12.13	1.122612e-02	1.055215e-02	-2.295755e-02
## SPAC1565.01	-5.514697e-03	7.671796e-03	1.687291e-02
## SPAC1565.02c	2.530838e-03	-2.279556e-03	1.719764e-03
## SPAC1565.04c	1.743320e-03	-7.667407e-04	1.404297e-03
## SPNCRNA.169	9.162766e-05	-2.841865e-05	-2.325587e-05
## SPAC1565.08	1.088287e-03	4.644382e-03	-1.519165e-02
## SPAC6F12.02	2.015759e-03	-1.239841e-04	-1.643302e-03
## SPAC6F12.03c	7.435619e-05	-2.941795e-03	-4.572092e-03
## SPAC6F12.04	1.209048e-03	-1.307263e-03	-2.894361e-03
## SPAC6F12.05c	-1.719012e-03	-6.235680e-03	4.681204e-04
## SPAC6F12.10c	-4.457829e-03	-1.396012e-02	-1.132531e-02
## SPNCRNA.734	2.098205e-05	-7.318768e-05	-6.846180e-05
## SPAC6F12.11c	-2.789116e-03	-1.032977e-03	8.385440e-04
## SPAC6F12.14	1.991895e-03	1.369810e-03	-2.059806e-03
## SPNCRNA.735	3.236207e-04	-1.105401e-03	6.143417e-04
## SPAC6F12.16c	7.045284e-03	-2.411046e-03	-8.432795e-03

## SPAC6F12.17	-5.710409e-04	1.092653e-02	3.799891e-03
## SPNCRNA.736	5.799148e-04	-2.949910e-04	2.461381e-03
## SPNCRNA.737	7.906035e-05	-6.535655e-04	2.760536e-04
## SPAC57A10.02	4.371386e-03	5.041683e-03	7.543083e-03
## SPNCRNA.739	7.442721e-04	-6.628220e-04	6.474268e-05
## SPAC57A10.04	-1.370132e-03	2.356885e-05	-1.502639e-03
## SPAC57A10.14	3.297558e-04	1.646029e-03	-2.813718e-04
## SPAC57A10.10c	-6.894372e-03	-8.990078e-03	-1.005911e-02
## SPAC57A10.11c	-5.975425e-03	2.956677e-03	3.218128e-03
## SPAC20G8.01	5.935095e-04	8.914795e-04	-3.092650e-03
## SPAC20G8.02	4.327552e-04	-5.019532e-03	-6.750841e-03
## SPNCRNA.58	2.712820e-03	-3.912185e-04	-1.094197e-03
## SPAC20G8.03	6.616406e-03	-3.578847e-03	1.189416e-02
## SPNCRNA.740	1.035920e-03	-8.415081e-04	1.244612e-03
## SPAC20G8.07c	-1.251853e-02	6.225697e-03	4.477618e-03
## SPATRNACYS.01	2.735365e-03	-3.707846e-03	1.033890e-02
## SPAC3A12.02	-7.858703e-04	-1.711009e-03	4.639597e-04
## SPAC3A12.03c	-5.912582e-03	6.603560e-03	8.439519e-04
## SPAC3A12.05c	-1.844199e-04	4.201770e-03	1.641738e-03
## SPAC3A12.06c	-7.432498e-04	2.125675e-03	9.108431e-03
## SPAC3A12.08	3.743994e-03	-2.643745e-03	-2.710588e-03
## SPAC3A12.09c	-1.117360e-03	-2.707119e-04	8.266682e-05
## SPAC3A12.10	-3.173958e-02	4.419511e-02	-4.457881e-03
## SPAC3A12.12	-5.688731e-04	-2.645438e-03	-8.390401e-04
## SPAC3A12.13c	7.761150e-04	3.559343e-03	2.309737e-03
## SPATRNAPRO.03	1.741605e-02	-4.186662e-03	-5.930612e-03
## SPAC3A12.16c	1.300010e-03	-9.837701e-03	7.225187e-03
## SPAC3A12.17c	5.416099e-03	-3.799656e-03	-4.414665e-05
## SPAC9.02c	-2.967999e-03	-1.178635e-03	-9.651140e-04
## SPAC9.04	1.144247e-04	9.929872e-06	1.072045e-04
## SPAC9.07c	4.929776e-04	1.537369e-03	4.108559e-03
## SPNCRNA.742	6.860498e-04	7.934085e-05	1.524271e-03
## SPATRNAMET.02	3.771075e-02	-6.991591e-02	-2.932105e-02
## SPAC9.11	-8.782972e-05	-1.753233e-03	-2.616819e-04
## SPAC9.12c	2.162471e-03	-2.422926e-03	1.076440e-03
## SPAC9.13c	-3.697953e-03	8.290903e-04	3.017095e-03
## SPAC5D6.13	-1.637879e-03	-1.216941e-02	4.037332e-03
## SPAC5D6.08c	-5.837630e-04	1.843387e-03	-6.036891e-04
## SPAC5D6.06c	4.177761e-04	1.314156e-04	1.298408e-04
## SPAC5D6.05	3.230268e-04	-1.363905e-03	4.525094e-03
## SPAC5D6.01	-1.663024e-02	-1.617839e-03	2.535668e-02
## SPNCRNA.173	3.295086e-05	-4.449532e-04	-3.909242e-04
## SPAC57A7.13	-4.332990e-03	-2.658625e-03	1.950852e-03
## SPAC57A7.12	9.843039e-03	-2.846271e-02	-1.835893e-02
## SPAC57A7.11	-5.775878e-03	-2.637851e-03	-3.615742e-03
## SPAC57A7.09	1.232414e-03	-1.137041e-03	1.483068e-03
## SPATRNALEU.01	6.223528e-03	4.809591e-03	6.344600e-03
## SPAC57A7.07c	-3.568890e-03	5.204218e-03	6.141867e-03
## SPNCRNA.744	-5.960534e-04	3.784685e-04	1.190566e-04
## SPAC57A7.05	1.383354e-03	-1.093271e-02	3.997794e-03
## SPAC57A7.15c	-1.243801e-04	2.758608e-03	5.460037e-04
## SPAC167.06c	1.351380e-03	3.759130e-03	-2.073801e-03
## SPAC167.02	7.947137e-04	1.546758e-03	-1.329617e-03
## SPAC167.03c	1.401079e-03	3.330076e-03	2.350130e-03

## SPAC167.01	3.452157e-03	-5.149514e-03	1.081134e-02
## SPNCRNA.555	2.599262e-04	-3.778649e-04	1.058789e-04
## SPRRNA.53	-8.211632e-02	5.960815e-02	8.971930e-02
## SPAC1705.02	4.780587e-03	-3.084642e-03	5.163406e-04
## SPNCRNA.175	-3.867136e-04	-3.689834e-04	7.375562e-05
## SPAC23H4.18c	-1.926768e-03	1.686021e-03	-2.466520e-03
## SPAC23H4.14	2.154231e-04	2.782743e-03	-3.842100e-03
## SPAC23H4.11c	-2.211474e-03	8.913197e-04	6.707971e-04
## SPAC23H4.10c	4.910574e-03	-7.353824e-03	9.365284e-04
## SPAC23H4.09	-6.423247e-03	9.316294e-04	1.926495e-04
## SPAC23H4.06	1.958511e-02	7.871272e-04	-9.776494e-03
## SPAC23H4.03c	-9.448247e-03	-7.725152e-03	1.487195e-03
## SPAC23H4.02	1.067589e-03	3.295151e-03	4.617653e-03
## SPAC23H4.01c	-9.001744e-04	3.503632e-03	-1.478502e-03
## SPAP27G11.02	5.656029e-03	4.510772e-03	3.865473e-03
## SPNCRNA.748	-3.707991e-05	-6.441192e-04	1.429404e-04
## SPAP27G11.04c	2.426088e-03	2.100237e-03	3.358131e-03
## SPAP27G11.06c	-3.876346e-03	-5.186892e-03	-4.463533e-03
## SPAP27G11.07c	1.877367e-03	1.117211e-03	1.105128e-03
## SPAP27G11.08c	8.634204e-04	-1.791701e-05	-5.429560e-04
## SPAP27G11.10c	-5.880829e-04	-1.919361e-02	1.361032e-02
## SPAP27G11.11c	-3.418599e-04	2.509302e-04	-6.708878e-05
## SPNCRNA.750	9.019539e-05	3.174913e-04	2.851061e-04
## SPAP27G11.16	-6.715137e-04	1.350768e-04	5.005158e-04
## SPAP27G11.12	-1.150972e-03	-1.095534e-03	3.451778e-04
## SPAP27G11.13c	-1.140357e-03	-2.531903e-03	3.970517e-03
## SPAC343.02	-8.516859e-03	2.186614e-03	1.961329e-03
## SPATRNAGLY.01	1.195796e-02	-1.188705e-02	-3.029629e-02
## SPNCRNA.751	2.911674e-04	4.281098e-04	7.040703e-04
## SPAC343.06c	-5.471842e-03	-4.075586e-03	1.152339e-03
## SPAC343.09	-2.065960e-03	-1.829275e-03	6.614109e-03
## SPNCRNA.753	-8.086986e-05	-1.247763e-04	-7.487105e-04
## SPAC343.21	-1.253952e-03	-1.263341e-03	2.563272e-03
## SPAC343.12	6.537215e-02	1.606050e-02	-3.540299e-02
## SPAC343.13	9.262968e-04	-3.435936e-03	1.874145e-03
## SPAC343.14c	2.138946e-03	1.447772e-03	-4.280589e-04
## SPAC343.16	1.460845e-02	4.391700e-03	3.772896e-03
## SPAC343.18	-9.014591e-05	-5.225329e-03	1.901359e-03
## SPAC343.19	4.537736e-03	-2.220476e-03	8.188427e-04
## SPAC824.02	-8.553635e-04	-3.899679e-03	9.720550e-04
## SPAC824.03c	4.382086e-03	-6.995849e-04	-9.401788e-04
## SPNCRNA.755	9.933759e-05	-6.499371e-04	-1.113596e-04
## SPAC824.06	1.082059e-03	7.004518e-04	-4.723590e-03
## SPAC824.09c	3.414494e-03	-1.701146e-04	-1.842227e-03
## SPNCRNA.177	1.541698e-04	-3.146732e-04	-1.099871e-04
## SPAC664.01c	1.386682e-03	8.360366e-03	7.955668e-03
## SPAC664.02c	6.309845e-03	5.377946e-03	-5.045371e-03
## SPAC664.05	-2.181689e-03	-9.634750e-03	6.125173e-03
## SPNCRNA.756	2.044170e-03	1.312528e-03	2.062323e-04
## SPAC664.06	3.962891e-03	-1.988572e-03	-2.090150e-02
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	3.921111e-04	-3.973777e-04	3.262580e-04
## SPAC664.13	-2.529925e-03	1.075104e-03	-7.410774e-04
## SPATRNALYS.02	2.077703e-03	-4.346960e-03	2.449590e-04

## SPAC664.15	-2.304595e-06	2.626552e-03	1.116502e-03
## SPAC105.02c	5.698553e-03	-9.595633e-03	7.617152e-03
## SPATRNATYR.01	-6.049622e-03	1.020104e-02	4.585431e-03
## SPAC105.03c	6.616218e-03	2.282828e-03	2.044584e-03
## SPAC17A5.01	2.362787e-04	-3.779476e-03	8.649541e-03
## SPNCRNA.759	-3.577049e-04	-4.201456e-05	4.700631e-04
## SPNCRNA.556	8.109277e-05	1.811819e-04	6.291080e-04
## SPAC17A5.05c	1.546810e-03	-1.321711e-03	-1.053958e-03
## SPAC17A5.07c	-7.400125e-04	2.962273e-03	-3.883934e-03
## SPAC17A5.09c	4.109753e-03	2.602708e-03	-8.021426e-04
## SPATRNAILE.01	5.571228e-03	1.551970e-03	-2.666106e-03
## SPNCRNA.760	6.946622e-04	-1.299504e-03	8.794393e-04
## SPNCRNA.761	1.743558e-03	-3.132805e-04	5.028230e-04
## SPAC17A5.13	-4.551954e-04	3.424888e-04	6.653484e-03
## SPAC17A5.15c	1.470231e-02	5.017529e-03	-2.264044e-02
## SPNCRNA.762	2.047811e-03	-5.901705e-04	-3.506529e-04
## SPAC1002.01	4.947367e-04	-1.179189e-03	2.360130e-04
## SPAC1002.06c	1.601550e-04	3.403643e-04	6.729191e-05
## SPAC1002.07c	-2.371087e-03	3.698897e-03	-5.573319e-03
## SPAC1002.08c	2.335489e-03	5.659336e-03	1.204361e-03
## SPNCRNA.763	3.762654e-04	-2.131159e-03	-1.193839e-04
## SPAC1002.10c	-1.070360e-03	-3.506411e-03	-1.655302e-03
## SPAC1002.11	4.458570e-03	9.148703e-04	-5.232229e-03
## SPAC1002.13c	-2.530704e-02	-1.783814e-02	9.612387e-03
## SPAC1002.15c	2.018282e-03	6.031227e-04	-3.458220e-03
## SPAC1002.14	-1.753530e-03	1.044366e-03	-2.816167e-03
## SPAC1002.16c	-8.317186e-04	-3.908433e-04	-1.329634e-04
## SPAC1002.17c	4.344849e-02	2.087366e-03	-5.353592e-04
## SPAC1002.18	3.125636e-02	-2.257931e-03	4.594043e-03
## SPAC1399.05c	2.957362e-03	-8.107189e-04	-5.614510e-04
## SPNCRNA.764	6.562713e-04	-4.760182e-04	-1.476363e-03
## SPNCRNA.178	3.654219e-04	-5.978339e-04	2.635449e-04
## SPAC1399.02	2.244376e-03	3.005368e-03	-1.765519e-03
## SPAC1399.06	-6.071115e-04	7.774725e-04	8.854073e-04
## SPAP11E10.01	4.469632e-03	4.277123e-03	3.792107e-04
## SPAPB1A10.03	1.802929e-04	-4.108262e-05	-6.418377e-04
## SPAPB1A10.16	1.155680e-03	-1.662465e-03	-1.386125e-03
## SPAPB1A10.04c	1.138349e-03	1.075480e-03	-4.029291e-03
## SPNCRNA.765	-1.959744e-04	8.122617e-04	-1.021180e-04
## SPAPB1A10.05	5.809621e-04	6.507336e-04	-7.628647e-04
## SPNCRNA.766	-7.609492e-04	-1.091136e-03	-2.131938e-04
## SPAPB1A10.09	7.846326e-04	-1.013509e-03	5.083604e-03
## SPAPB1A10.13	-2.444606e-03	5.492703e-06	3.745387e-03
## SPAPB1A10.14	-2.013878e-03	-1.096831e-03	3.730096e-03
## SPAPB1A10.15	8.202928e-04	-2.225097e-03	1.321663e-03
## SPAC140.01	1.874327e-02	7.339088e-03	1.419310e-03
## SPAC140.03	-3.863065e-03	-1.733725e-03	5.223619e-03
## SPNCRNA.182	8.392668e-05	2.117739e-05	-8.458793e-05
## SPNCRNA.772	-2.879546e-04	7.709251e-04	1.859786e-04
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	-1.016506e-03	3.801318e-05	-5.069913e-04
## SPAC110.01	-1.877832e-03	-4.351549e-03	1.649610e-03
## SPAC110.03	3.129290e-03	-7.539499e-04	-4.442024e-03
## SPNCRNA.774	1.120826e-05	7.625912e-04	-6.028070e-04

## SPAC3H1.01c	-1.764707e-03	9.247968e-03	7.461567e-04
## SPAC3H1.02c	-2.185481e-03	-2.896958e-03	-1.151678e-03
## SPAC3H1.04c	1.287668e-03	-3.319708e-03	-2.441726e-03
## SPAC3H1.05	1.185771e-03	2.647473e-03	4.369773e-04
## SPAC3H1.06c	-2.364658e-03	-5.440945e-03	-1.082639e-04
## SPAC3H1.07	-7.294534e-03	3.562733e-02	-2.938365e-02
## SPAC3H1.09c	2.540329e-03	-7.082088e-03	1.329499e-03
## SPNCRNA.777	-4.219132e-04	1.492163e-04	-2.103273e-03
## SPNCRNA.781	-2.458353e-03	-3.133047e-04	-6.961418e-04
## SPNCRNA.783	1.368320e-04	-3.253136e-04	-1.786663e-04
## SPNCRNA.784	4.167042e-04	-1.331165e-04	-1.773557e-04
## SPAC3H1.12c	2.259748e-03	-1.949346e-03	1.916776e-03
## SPAC3H1.13	2.189190e-03	-5.116713e-04	-2.327567e-03
## SPNCRNA.530	-1.434484e-02	4.027059e-03	-7.492058e-04
## SPAC9G1.14	-3.345582e-04	-6.106971e-04	6.799531e-04
## SPAC9G1.02	1.381773e-02	-1.305122e-02	-2.474356e-03
## SPAC9G1.03c	1.188604e-02	3.312546e-02	2.612167e-02
## SPAC9G1.04	-4.618841e-03	3.860897e-03	2.696540e-03
## SPAC9G1.08c	-2.459914e-03	-1.464732e-03	-1.178107e-03
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	1.972435e-03	-3.735390e-03	2.145931e-03
## SPAC9G1.10c	-1.863961e-03	2.827250e-03	-2.989532e-03
## SPAC9G1.13c	-7.745489e-03	3.575587e-03	-3.373102e-03
## SPNCRNA.785	3.543427e-04	-1.718467e-03	1.708869e-03
## SPAC17H9.02	-6.233471e-03	-5.623341e-04	-4.487453e-04
## SPAC17H9.03c	8.135115e-04	-3.970306e-03	-4.007072e-04
## SPAC17H9.04c	1.560951e-02	2.608956e-03	2.258706e-02
## SPNCRNA.787	6.936897e-05	-1.212713e-04	5.557671e-05
## SPAC17H9.09c	1.330097e-03	-1.090215e-03	3.591984e-03
## SPAC17H9.10c	-6.694074e-03	6.225536e-03	-1.240752e-02
## SPAC17H9.12c	1.051990e-03	2.574252e-03	-3.106747e-03
## SPAC17H9.13c	-5.405293e-03	-1.117582e-02	2.078734e-03
## SPAC17H9.14c	-6.088488e-03	2.550631e-03	2.290018e-02
## SPNCRNA.184	2.635095e-04	3.643944e-04	-2.109282e-04
## SPAC17H9.16	-2.111731e-03	-1.533615e-02	-4.967077e-03
## SPAC17H9.17c	3.360056e-03	2.468944e-05	1.519360e-03
## SPAC17H9.20	3.681286e-03	-1.005571e-03	-1.730364e-04
## SPAC607.03c	-3.510387e-03	-1.288397e-02	4.764561e-04
## SPNCRNA.185	1.189471e-04	9.362240e-05	8.035136e-06
## SPAC607.04	-8.695105e-04	-2.389888e-03	7.238705e-04
## SPAC607.05	1.977557e-03	-4.328503e-03	-1.316316e-02
## SPAC607.06c	-6.478518e-04	3.157023e-03	-1.000838e-03
## SPAC607.09c	4.046953e-03	1.302357e-04	-1.748271e-05
## SPAC732.01	-2.291213e-03	-3.108812e-03	-6.926268e-04
## SPAC732.02c	5.705837e-03	-7.005199e-04	-9.040485e-03
## SPAC3C7.02c	1.656951e-03	4.457076e-04	1.809086e-03
## SPNCRNA.791	2.180727e-04	-4.776510e-05	1.062608e-04
## SPAC3C7.08c	7.341305e-03	1.100789e-02	-2.702275e-02
## SPAC3C7.09	4.563821e-04	-3.808227e-03	3.228692e-04
## SPNCRNA.793	-3.075412e-03	3.092689e-04	1.919809e-03
## SPNCRNA.794	6.305044e-04	-9.198259e-04	5.193020e-04
## SPAC25A8.03c	-1.320527e-03	7.348327e-04	2.787058e-03
## SPAC25A8.02	-1.807343e-03	-2.090216e-03	-1.757786e-03
## SPAC631.02	-3.196951e-03	-4.983126e-03	1.043102e-02

## SPAC20H4.02	-4.758463e-03	-8.626424e-04	-3.081050e-03
## SPAC20H4.03c	1.069580e-03	-6.238872e-03	1.988374e-03
## SPAC20H4.04	3.616871e-03	3.171729e-03	7.957174e-04
## SPAC20H4.08	-4.275441e-03	-3.084115e-03	2.196716e-03
## SPAC20H4.09	-1.798132e-03	-4.589874e-04	-8.929635e-04
## SPNCRNA.797	-2.748922e-04	-8.434056e-04	7.921777e-04
## SPAC20H4.10	-5.082369e-03	3.778657e-03	-5.065611e-03
## SPAC23C11.01	-8.391822e-04	-5.544314e-03	9.450104e-04
## SPAC23C11.03	-1.838280e-03	3.700919e-04	4.385672e-03
## SPAC23C11.04c	1.057356e-03	-2.994118e-05	-2.668085e-03
## SPAC23C11.05	1.993614e-02	-7.738284e-03	4.194420e-02
## SPAC23C11.08	3.727256e-05	4.165135e-03	-2.092197e-03
## SPNCRNA.799	2.277443e-04	4.879738e-04	4.349868e-04
## SPAC23C11.09	-7.696900e-03	-5.668608e-03	2.872727e-02
## SPAC23C11.10	-1.089061e-03	-4.556493e-04	2.646370e-03
## SPAC23C11.11	8.159095e-03	-9.389191e-04	1.000563e-02
## SPNCRNA.800	-1.963655e-03	-3.276865e-04	-9.989082e-04
## SPAC23C11.14	-1.187766e-02	-3.865612e-03	4.057836e-03
## SPAC23C11.15	-1.290666e-03	-2.524859e-03	-5.027282e-03
## SPAC23C11.17	-4.022174e-03	-2.018332e-03	-3.798230e-03
## SPAC13F5.01c	-1.444478e-03	-5.951840e-03	-2.539502e-03
## SPAC13F5.02c	-3.938181e-03	4.987414e-03	-4.368404e-03
## SPNCRNA.801	-5.070756e-04	9.068082e-04	-1.189628e-03
## SPAC13F5.06c	-1.848540e-03	-4.137854e-03	1.841297e-02
## SPNCRNA.802	4.905818e-04	-1.024220e-03	3.548400e-04
## SPAC13F5.07c	-1.672315e-03	-1.497733e-03	-1.590248e-03
## SPAC1783.02c	1.903810e-03	-3.008605e-03	-8.118032e-04
## SPAC1783.04c	-2.702332e-03	1.201915e-03	1.613488e-03
## SPNCRNA.803	6.723028e-04	1.026649e-03	3.485508e-04
## SPAC1783.06c	-4.115923e-04	3.551390e-04	4.622221e-04
## SPNCRNA.804	7.354322e-04	-1.025742e-03	6.056141e-04
## SPAC1783.07c	-4.669251e-03	3.855718e-03	-3.315204e-03
## SPAC1783.08c	1.015552e-02	2.016560e-02	3.523690e-02
## SPAC1327.01c	1.029529e-03	3.844600e-04	5.747196e-04
## SPAC18G6.01c	1.669415e-03	5.604858e-04	4.429973e-04
## SPAC18G6.02c	2.137998e-03	-7.289791e-04	-6.797264e-03
## SPATRNAVAL.03	5.684113e-03	-1.634338e-03	-9.968691e-03
## SPAC18G6.04c	-8.797783e-03	1.029180e-03	-8.733249e-03
## SPAC18G6.05c	-1.166907e-02	-1.915656e-02	-1.524618e-02
## SPAC18G6.06	3.730410e-03	-2.669400e-03	-2.871920e-03
## SPAC18G6.07c	-3.957319e-03	9.645266e-03	-1.239729e-02
## SPAC18G6.09c	1.985031e-03	4.020273e-03	-2.605504e-03
## SPAC18G6.10	-1.963562e-03	-4.542921e-03	2.055796e-03
## SPAC18G6.11c	2.919909e-03	2.789900e-03	2.371887e-03
## SPAC18G6.12c	2.015243e-03	-3.178528e-03	-3.869682e-03
## SPNCRNA.806	-4.039378e-04	-6.257879e-04	-2.190286e-04
## SPAC18G6.13	-2.829565e-04	-6.022722e-04	1.865802e-04
## SPAC18G6.14c	-1.430603e-02	-9.543378e-03	1.467561e-02
## SPAC13D6.02c	-1.127587e-02	2.281385e-02	-7.666876e-03
## SPNCRNA.189	-8.042554e-04	-3.307258e-04	-1.281316e-03
## SPATRNAGLY.02	1.014003e-02	-2.119881e-03	-1.256047e-02
## SPAC13D6.04c	-1.617339e-03	-1.071372e-03	2.282419e-03
## SPAC13D6.05	-2.170909e-03	2.701330e-03	-1.488764e-03
## SPAC4G9.02	-1.321000e-03	3.459379e-03	-1.667377e-03

## SPAC4G9.07	2.992444e-04	1.043234e-04	-6.729444e-04
## SPAC4G9.08c	-9.634864e-04	-1.347216e-03	-6.994744e-03
## SPAC4G9.13c	1.094200e-03	-2.550980e-03	1.242492e-04
## SPAC4G9.16c	-3.124860e-02	2.732029e-02	-8.756904e-03
## SPAC4G9.17c	-4.036072e-04	-2.390023e-04	-3.587165e-03
## SPAC4G9.22	-6.862632e-04	6.749398e-03	-2.636815e-03
## SPNCRNA.811	-2.700354e-04	2.945028e-04	2.499612e-04
## SPNCRNA.190	-6.038544e-04	-1.676354e-04	-1.285786e-04
## SPAC13G7.07	-2.120806e-04	-1.613155e-03	-7.794198e-04
## SPAC13G7.08c	1.606143e-04	-1.604251e-03	1.002421e-02
## SPAC13G7.09c	-8.848642e-05	-1.078001e-03	-4.458143e-03
## SPAC13G7.11	6.144895e-04	-2.861062e-04	4.038067e-03
## SPAC6C3.02c	3.589536e-03	1.956209e-02	7.974259e-03
## SPAC6C3.04	-5.372275e-03	3.222234e-03	4.797868e-03
## SPNCRNA.814	7.678403e-04	1.038121e-03	-7.702706e-04
## SPAC6C3.06c	1.046120e-02	-6.879562e-03	-8.457993e-03
## SPAC6C3.07	7.066329e-05	7.340087e-05	1.214167e-03
## SPAC17G8.01c	6.271581e-03	-2.217107e-03	5.316465e-03
## SPAC17G8.02	3.993393e-04	1.608987e-03	-2.465620e-03
## SPAC17G8.05	2.468020e-03	-1.179884e-03	-2.387924e-03
## SPAC17G8.07	3.193269e-03	4.676554e-04	-2.957634e-03
## SPAC17G8.09	-4.916615e-04	-1.163869e-03	-2.147718e-04
## SPAC17G8.10c	7.312839e-04	-1.789002e-03	2.411212e-03
## SPNCRNA.817	-4.993243e-05	8.878549e-05	2.109743e-04
## SPAC17G8.12	-1.730687e-04	-4.031928e-05	3.548525e-03
## SPNCRNA.192	-1.627608e-04	3.622597e-04	-2.622073e-04
## SPNCRNA.819	6.906140e-04	2.379921e-04	-7.784222e-04
## SPAC22H10.03c	-6.843814e-03	-3.157609e-03	-1.018973e-03
## SPNCRNA.821	2.165666e-04	1.076374e-04	-5.904465e-05
## SPAC22H10.13	1.755908e-03	-8.688066e-04	7.517776e-03
## SPAC22H10.09	1.892355e-03	1.456244e-03	6.009374e-03
## SPAC22H10.10	2.093959e-04	3.387264e-03	-2.017738e-04
## SPAC15F9.02	-7.366409e-04	-1.376264e-04	-3.329986e-03
## SPAC15F9.03c	-3.311281e-03	2.074112e-03	-7.072890e-03
## SPAC1B9.02c	2.132035e-03	-8.435044e-03	-8.084294e-03
## SPAC1B9.03c	7.667630e-03	-1.589404e-02	-1.082528e-02
## SPAC6B12.03c	2.216838e-03	8.811924e-04	-1.170373e-03
## SPAC6B12.18	-6.228333e-03	6.495616e-04	5.220557e-03
## SPAC6B12.07c	6.625594e-03	5.077321e-03	1.297736e-02
## SPAC6B12.08	1.758397e-04	-1.219978e-03	1.301594e-04
## SPAC6B12.13	3.345872e-03	-1.133183e-03	5.417218e-03
## SPNCRNA.195	1.537611e-04	3.681511e-04	8.353085e-04
## SPAC6B12.15	2.087824e-02	3.971506e-03	-1.434971e-02
## SPATRNALYS.03	1.336136e-03	-2.140545e-03	-1.206404e-03
## SPAC32A11.02c	-1.600837e-01	-3.005130e-02	6.733705e-02
## SPNCRNA.828	-1.090496e-03	-3.355484e-04	-2.508215e-03
## SPNCRNA.829	-5.755760e-04	-1.311526e-03	2.036223e-03
## SPAC19A8.13	1.703857e-03	-4.276465e-03	-1.677723e-03
## SPAC19A8.12	1.127073e-03	1.921978e-03	2.708370e-03
## SPAC19A8.11c	7.512488e-04	2.285411e-03	2.996710e-03
## SPAC19A8.10	-2.686313e-03	3.153680e-03	3.889059e-03
## SPAC19A8.09	-3.710868e-04	1.142546e-03	2.209935e-03
## SPAC19A8.08	-8.035526e-04	2.787720e-03	1.264419e-03
## SPNCRNA.286	-2.957709e-05	1.725341e-04	-1.144338e-04

## SPAC19A8.07c	-4.160031e-03	-4.185234e-03	3.059424e-03
## SPAC19A8.05c	1.154322e-03	-4.287479e-03	3.628876e-04
## SPAC19A8.04	5.117962e-03	-1.448074e-02	3.494448e-03
## SPAC19A8.03	-2.355614e-03	-8.493635e-03	-5.408637e-03
## SPAC19A8.02	-7.040161e-03	-8.582027e-03	-3.910810e-03
## SPAC19A8.01c	-1.028485e-03	1.157529e-04	2.492439e-03
## SPAC23H3.04	-1.043565e-03	-4.230954e-04	2.222458e-03
## SPAC23H3.05c	-7.641366e-03	-9.527850e-04	-1.675745e-03
## SPAC23H3.06	3.039540e-04	-2.068514e-03	4.129127e-04
## SPAC23H3.08c	-4.372533e-03	2.279774e-03	1.821185e-03
## SPAC23H3.13c	-2.125574e-03	-7.715131e-03	1.808974e-03
## SPNCRNA.197	-7.589766e-05	6.813509e-05	6.466153e-05
## SPNCRNA.831	1.190088e-04	3.617199e-04	-1.371104e-04
## SPAC23H3.15c	5.633798e-02	1.002316e-02	5.733506e-02
## SPNCRNA.833	1.881179e-03	9.776997e-04	7.840435e-04
## SPAC25H1.04	2.911243e-03	3.938269e-03	2.911262e-03
## SPAC25H1.05	-5.485188e-03	-4.052201e-04	-2.312830e-03
## SPAC25H1.06	-3.619745e-03	-7.961883e-04	4.826016e-03
## SPAC25H1.07	3.582697e-03	-5.475739e-03	-7.539128e-03
## SPAC25H1.08c	1.065833e-03	-5.315196e-03	1.161502e-02
## SPAC4A8.04	1.122000e-02	1.101109e-03	7.124154e-03
## SPAC4A8.05c	-7.618318e-03	-2.054697e-02	-1.312007e-02
## SPNCRNA.836	-2.360300e-04	-2.041461e-03	5.097210e-03
## SPNCRNA.837	-7.384497e-04	-4.592786e-04	-8.621418e-04
## SPAC4A8.07c	4.797922e-03	-8.164590e-03	9.843417e-04
## SPAC4A8.08c	3.775912e-04	-4.359485e-03	-9.657446e-03
## SPNCRNA.838	-3.450605e-03	2.660000e-03	2.318274e-03
## SPSNRNA.06	-4.502749e-02	-1.616771e-02	-8.008439e-02
## SPAC4A8.10	-1.497805e-03	-3.945442e-03	4.242163e-03
## SPNCRNA.839	-2.008368e-03	-7.519110e-04	7.403299e-04
## SPAC4A8.12c	3.218666e-04	3.617283e-03	5.214953e-03
## SPAC4A8.14	-8.393522e-03	1.384389e-02	1.683626e-02
## SPATRNAILE.02	1.917588e-02	5.586799e-02	1.106111e-02
## SPAC823.03	-1.363781e-02	-6.511192e-05	3.425935e-03
## SPAC823.07	6.925611e-03	2.870786e-04	-4.650029e-03
## SPNCRNA.199	-3.757871e-05	-4.463199e-05	8.415182e-04
## SPAC823.11	6.061911e-04	2.694846e-03	-4.130352e-03
## SPAC823.12	-5.460147e-03	1.153237e-02	1.061650e-02
## SPAC823.13c	6.408219e-04	-6.776228e-03	2.736143e-03
## SPAC823.14	1.342350e-03	-1.447875e-03	-6.841139e-03
## SPNCRNA.841	-9.233561e-04	-2.118706e-03	-1.884142e-03
## SPAC823.16c	1.316058e-04	-2.898447e-03	-2.354836e-03
## SPAC7D4.14c	1.275260e-03	-5.926217e-04	3.267988e-03
## SPAC7D4.11c	2.493350e-03	-3.707997e-03	-4.409906e-03
## SPAC7D4.09c	2.046755e-03	-1.317527e-03	2.944698e-03
## SPAC7D4.08	-1.046854e-03	-9.876406e-04	-3.652543e-04
## SPAC7D4.06c	9.248744e-04	-4.292848e-03	-1.004024e-03
## SPAC7D4.04	-3.390991e-04	3.630803e-04	4.906857e-03
## SPAC7D4.03c	-1.312469e-02	-9.013003e-03	1.151145e-02
## SPAC4F8.15	2.340843e-03	-2.630243e-03	-1.277258e-04
## SPAC4F8.14c	-5.870676e-03	6.208491e-03	1.817176e-03
## SPNCRNA.843	6.379846e-04	2.910601e-04	-3.093860e-04
## SPAC4F8.12c	1.490516e-02	6.034040e-04	-2.709897e-02
## SPNCRNA.326	-6.240385e-06	-2.572651e-05	9.530912e-05

## SPAC4F8.10c	8.830567e-03	-1.370755e-03	9.433477e-03
## SPNCRNA.200	8.095112e-05	4.289815e-04	-2.354718e-04
## SPAC4F8.07c	3.921531e-02	-2.242304e-02	2.330441e-03
## SPAC4F8.03	1.846849e-03	-1.893684e-03	-4.719799e-03
## SPAC4F8.02c	2.068312e-03	3.093665e-03	3.649523e-04
## SPAC4F8.01	-2.195725e-03	9.872868e-04	-2.878055e-03
## SPAC644.04	2.880663e-03	2.174606e-03	-6.366542e-05
## SPAC644.05c	-4.829112e-03	3.356832e-03	-4.765188e-03
## SPAC644.08	-2.243676e-03	2.081840e-03	-1.350741e-03
## SPAC644.11c	-5.446237e-03	1.600069e-03	-2.477438e-03
## SPNCRNA.202	-2.455408e-05	-2.241577e-05	-9.903579e-05
## SPAC644.14c	1.532779e-03	-7.362117e-04	8.531400e-03
## SPAC644.15	3.525627e-02	2.951633e-03	-4.821901e-02
## SPAC644.16	1.648467e-03	-1.065913e-03	-4.899383e-03
## SPNCRNA.845	-3.877350e-04	-1.430472e-04	4.483325e-05
## SPAPB2B4.02	2.728045e-03	4.030491e-03	6.763010e-03
## SPAPB2B4.03	-1.080171e-02	-1.606982e-02	2.038169e-03
## SPAPB2B4.04c	-5.321286e-03	-1.524467e-02	5.140204e-03
## SPAC6F6.02c	-7.199232e-04	-7.218771e-03	-4.967610e-03
## SPAC6F6.03c	-1.063596e-04	-1.830750e-02	1.703319e-03
## SPAC6F6.04c	2.323929e-03	1.041668e-03	-3.832715e-03
## SPNCRNA.848	1.786775e-04	5.360892e-04	-8.084024e-04
## SPAC6F6.08c	1.037135e-03	-6.461547e-04	1.888195e-04
## SPAC6F6.09	-1.506022e-03	-1.991769e-03	-3.975716e-03
## SPAC6F6.10c	8.313603e-03	4.623874e-03	-5.256904e-03
## SPAC6F6.11c	3.167213e-03	5.119485e-03	1.422989e-03
## SPNCRNA.849	1.205894e-03	8.828993e-04	1.180448e-03
## SPAC6F6.13c	-5.716326e-03	-4.251122e-03	8.190051e-04
## SPAC6F6.17	1.292405e-02	-8.635027e-03	-1.289467e-02
## SPNCRNA.852	1.245395e-05	3.385530e-04	-8.856658e-04
## SPAC1805.03c	-6.374616e-04	-1.046421e-03	1.839501e-03
## SPAC1805.04	9.192110e-03	-2.932504e-04	-1.922901e-03
## SPAC1805.05	-2.269397e-03	3.306166e-03	-2.829588e-03
## SPSNORNA.52	-4.475169e-03	7.556021e-03	-7.816185e-03
## SPAC1805.11c	1.653867e-02	-1.986703e-02	1.244307e-02
## SPAC1805.14	6.925473e-03	-1.853408e-03	5.153404e-03
## SPAC1805.15c	5.907170e-04	6.917978e-04	-2.602348e-04
## SPAC1805.16c	-3.172105e-03	3.967999e-03	7.362966e-03
## SPNCRNA.208	6.627628e-05	-3.299852e-05	3.914148e-05
## SPAC1805.17	1.442386e-02	1.610163e-02	-1.676404e-02
## SPAC1B2.06	8.077758e-04	1.246323e-03	2.432078e-04
## SPAC3F10.02c	4.320254e-03	-2.144088e-03	3.293165e-03
## SPAC3F10.05c	3.134211e-03	-7.558187e-03	6.573138e-03
## SPAC3F10.07c	-8.946314e-04	2.646234e-04	6.420533e-04
## SPAC3F10.19	2.175833e-03	-3.669727e-03	2.510449e-03
## SPAC3F10.08c	1.325663e-03	2.051340e-03	-3.591120e-03
## SPAC3F10.10c	-1.916725e-04	5.979827e-04	2.898852e-05
## SPAC3F10.12c	-4.309670e-03	-4.167916e-05	-3.774918e-04
## SPAC8F11.02c	-1.442119e-03	4.242513e-03	-1.129869e-03
## SPAC8F11.05c	3.229950e-04	-2.348997e-04	-7.883745e-04
## SPAC8F11.06	7.179143e-04	1.438624e-03	-5.239058e-03
## SPAC8F11.07c	-9.176852e-04	-2.839631e-03	-2.195518e-03
## SPAC8F11.10c	-3.807958e-03	-1.617980e-02	6.004713e-03
## SPACUNK4.13c	-2.499135e-03	3.374266e-04	6.429576e-04

## SPACUNK4.10	-3.793190e-03	-9.564288e-03	-1.824018e-03
## SPNCRNA.858	7.464279e-04	2.682084e-04	6.081477e-04
## SPACUNK4.07c	-3.246375e-03	-3.513961e-03	1.055816e-03
## SPACUNK4.06c	-1.011589e-02	-6.026694e-03	-1.017844e-02
## SPAC513.01c	-1.705533e-02	-1.526711e-03	8.403821e-03
## SPAC513.02	7.321375e-04	-1.163620e-03	2.477932e-03
## SPAC513.03	-4.541200e-03	-1.664485e-03	-1.988741e-04
## SPAC513.05	-4.757027e-03	-6.041483e-03	1.554125e-03
## SPAC2E1P3.01	-3.030187e-03	-8.934301e-03	1.174566e-03
## SPNCRNA.859	6.092178e-04	-1.235968e-03	7.231104e-04
## SPAC2E1P3.04	1.678622e-03	-7.698898e-03	-7.736365e-04
## SPAPB2C8.01	-7.210228e-03	3.995083e-03	-6.282689e-03
## SPNCRNA.864	-6.535593e-04	2.316559e-03	-3.658255e-04
## SPAPB24D3.05c	6.045750e-05	-6.440538e-04	6.618475e-04
## SPAPB24D3.06c	1.464940e-03	2.648451e-03	-6.323541e-03
## SPNCRNA.865	1.135171e-03	1.253012e-03	-9.015820e-04
## SPAPB24D3.08c	-1.406676e-02	1.901607e-03	5.734904e-03
## SPNCRNA.866	-2.414127e-03	-4.961508e-04	2.150739e-03
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-1.534754e-04	-9.246755e-04	-7.261167e-04
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-4.941122e-04	1.146702e-04	4.510928e-04
## SPAPB1A11.03	-2.882847e-03	-2.217194e-03	5.341330e-03
## SPAC31G5.01	3.826823e-03	3.509702e-03	-4.764466e-03
## SPAC31G5.03	1.402512e-02	-2.353057e-02	-7.870544e-03
## SPAC31G5.05c	-5.900995e-03	1.293128e-02	1.776259e-03
## SPAC31G5.07	8.866028e-04	1.864638e-03	-1.795995e-03
## SPAC31G5.09c	6.611379e-04	-6.170552e-04	-6.823372e-04
## SPNCRNA.872	3.671020e-04	-7.216879e-04	2.699916e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-2.410536e-03	-1.946707e-03	-1.080369e-03
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	-2.613231e-04	-8.240595e-04	-1.325384e-03
## SPAC31G5.12c	3.817049e-03	-7.369025e-04	6.058917e-03
## SPAC31G5.13	-5.328362e-03	1.619344e-02	7.668514e-04
## SPNCRNA.875	-1.529252e-04	1.232081e-03	-8.215874e-04
## SPAC31G5.15	-6.118326e-03	-4.713623e-03	-1.915255e-03
## SPAC31G5.17c	-2.518609e-02	-3.656777e-02	9.283143e-03
## SPAC1786.01c	-1.818610e-02	4.516139e-03	5.833635e-03
## SPAC1786.04	1.755504e-05	-3.477358e-04	-1.078842e-04
## SPNCRNA.878	2.144008e-04	4.959061e-04	4.659690e-04
## SPAC24C9.03	2.182318e-03	2.635514e-03	-5.439236e-03
## SPAC24C9.16c	7.568207e-04	-1.490215e-03	-7.228830e-05
## SPATRNASER.02	2.943315e-03	9.161040e-04	-3.700226e-03
## SPAC24C9.06c	4.828831e-02	-1.991899e-02	4.182570e-02
## SPNCRNA.879	2.871420e-04	7.240150e-04	-3.177766e-04
## SPNCRNA.880	1.006409e-04	1.753312e-03	-1.331960e-03
## SPNCRNA.212	2.359778e-05	4.050965e-06	1.974275e-04
## SPAC24C9.09	-2.684154e-03	-7.801867e-04	-2.649398e-03
## SPAC24C9.13c	7.161494e-04	-9.832458e-04	-2.050860e-03
## SPAC24C9.14	5.417837e-03	7.021020e-03	5.316430e-03
## SPNCRNA.883	2.506928e-04	5.600282e-05	-3.063834e-04
## SPAC24C9.15c	-1.940474e-04	3.207978e-04	1.737497e-04
## SPAC16A10.01	3.090216e-03	5.773026e-04	1.086031e-02

## SPAC16A10.03c	4.799697e-03	-5.673511e-04	-9.907117e-04
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	4.485809e-06	1.699682e-04	6.522695e-05
## SPAC16A10.04	-7.131881e-04	4.326137e-03	3.031673e-03
## SPAC589.02c	5.488484e-03	-1.271771e-03	-2.703594e-04
## SPNCRNA.886	-1.414619e-03	-1.347968e-03	-1.362750e-03
## SPAC589.04	3.645508e-03	-6.115224e-04	-3.193569e-04
## SPAC589.05c	2.046191e-03	-1.948010e-03	2.786008e-03
## SPAC589.07c	1.059865e-03	-7.787459e-04	-6.283388e-04
## SPNCRNA.560	-2.380100e-04	1.099527e-03	2.053756e-04
## SPAC589.09	1.746024e-03	1.804591e-05	-1.270475e-03
## SPAC589.10c	-1.261319e-02	-1.328418e-02	-7.541060e-03
## SPAC589.12	-5.905938e-03	-5.879261e-03	2.983713e-02
## SPAC688.03c	-7.473370e-04	-2.071605e-03	1.938939e-04
## SPAC688.04c	2.228931e-04	1.325305e-03	-7.946123e-04
## SPNCRNA.887	2.127761e-04	3.726300e-04	1.161388e-03
## SPAC688.10	-2.958686e-04	-1.491797e-03	3.932789e-03
## SPAC688.11	1.416952e-02	7.469457e-03	-1.081237e-02
## SPAC688.12c	5.181121e-03	3.896160e-04	-8.133129e-05
## SPAC3G9.16c	1.307627e-03	2.668412e-03	8.482267e-04
## SPAC3G9.14	9.558782e-03	-3.292495e-03	6.000913e-03
## SPAC3G9.12	-2.471935e-04	-3.765540e-03	4.450869e-04
## SPATRNAALA.03	6.437613e-03	-5.195456e-03	1.689137e-03
## SPAC3G9.10c	6.472587e-05	-8.093956e-03	1.880991e-03
## SPRRNA.14	6.483287e-02	-3.277139e-02	-1.359323e-01
## SPAC3G9.08	-2.326161e-03	1.396227e-03	3.409782e-03
## SPAC3G9.05	4.257163e-03	-1.128808e-03	-3.888181e-03
## SPAC3G9.04	8.941341e-04	3.592649e-04	2.271045e-03
## SPNCRNA.893	2.222265e-02	4.100537e-02	-1.943017e-02
## SPNCRNA.87	-3.709316e-04	-1.940309e-04	7.366553e-04
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	-1.039731e-03	-5.808214e-04	-1.943162e-03
## SPAC1486.02c	5.432573e-03	-2.112044e-03	-1.153069e-04
## SPAC1486.03c	-1.137009e-03	7.643306e-04	7.373148e-04
## SPNCRNA.14	4.309236e-05	-4.080335e-05	-1.183961e-04
## SPAC1486.04c	1.703643e-02	-6.694617e-04	9.941477e-03
## SPAC1486.06	-2.104496e-03	-5.123985e-03	1.631954e-03
## SPNCRNA.895	-1.669289e-04	-3.933252e-04	-7.881889e-04
## SPAC1486.09	-4.386790e-04	3.432609e-03	-8.889826e-03
## SPAC6G10.06	-1.892951e-04	-5.149716e-05	5.338629e-04
## SPAC6G10.11c	-2.529443e-02	9.389476e-02	1.123524e-01
## SPAC6G10.12c	1.338336e-03	-7.079054e-03	-3.869284e-03
## SPNCRNA.897	1.047981e-03	-1.034496e-03	-6.022348e-04
## SPAC6G9.01c	-2.607477e-04	-1.486182e-03	-4.758094e-04
## SPAC6G9.04	4.229677e-03	-4.821957e-03	8.319150e-04
## SPAC6G9.05	-2.139702e-04	-1.580757e-03	1.751146e-03
## SPAC6G9.06c	4.840694e-03	-1.293074e-03	-5.937194e-04
## SPNCRNA.898	-5.237630e-04	1.149190e-03	8.331375e-04
## SPAC6G9.07c	3.253515e-03	-3.526098e-03	-9.119180e-03
## SPAC6G9.08	1.204036e-03	-1.202394e-03	-3.336860e-03
## SPAC6G9.10c	1.307898e-02	2.147059e-03	-1.415053e-02
## SPAC6G9.11	5.848303e-03	-7.302954e-04	1.502014e-02
## SPAC6G9.13c	3.562707e-04	-2.741307e-04	-9.315735e-04
## SPAC6G9.14	-3.253262e-05	2.931137e-03	-3.187824e-03

## SPAC6G9.16c	-9.314523e-04	-2.609962e-03	6.193383e-04
## SPAPB1E7.02c	3.084330e-03	-3.655256e-04	4.241531e-04
## SPAPB1E7.05	-3.261038e-03	-1.006790e-02	-1.550089e-02
## SPAPB1E7.08c	4.320407e-03	-7.083637e-04	5.184777e-03
## SPAPB1E7.09	1.225085e-02	-4.499700e-04	3.996005e-04
## SPAPB1E7.11c	-2.094476e-04	3.182166e-03	-8.930429e-04
## SPAPB1E7.12	1.630043e-02	-3.485176e-02	4.707190e-02
## SPAPB1E7.14	-3.862088e-03	-4.534785e-03	-2.182581e-03
## SPAC2E1P5.02c	-4.670013e-04	-2.760283e-03	-3.278584e-03
## SPAC2E1P5.04c	1.982228e-03	-8.127991e-04	2.780228e-03
## SPAC26A3.01	1.158424e-03	-1.408403e-02	-2.556078e-03
## SPAC26A3.03c	-9.739161e-04	-2.068020e-03	-9.323467e-04
## SPAC26A3.04	-5.568799e-03	-9.507188e-03	5.056183e-02
## SPAC26A3.06	3.031410e-04	-2.103211e-03	2.221381e-04
## SPAC26A3.07c	2.900272e-02	2.813712e-02	3.768823e-03
## SPAC26A3.12c	5.204241e-04	7.329855e-03	1.228972e-02
## SPAC26A3.11	-2.291543e-03	-2.465349e-03	-4.872248e-04
## SPAC26A3.14c	2.278761e-03	1.681871e-03	2.289505e-03
## SPAC26A3.16	1.240436e-03	-4.808258e-03	-3.327314e-03
## SPAC26A3.17c	-3.990600e-04	-4.773204e-03	-1.036096e-02
## SPNCRNA.902	1.206399e-03	1.424272e-03	4.558911e-04
## SPAC8E11.10	1.753448e-02	-1.370885e-02	1.387098e-03
## SPAC8E11.07c	3.481342e-03	-5.321994e-04	1.106298e-04
## SPAC8E11.05c	4.064974e-03	2.660688e-03	-7.019581e-03
## SPNCRNA.905	8.680056e-04	-2.633677e-03	-1.918711e-03
## SPAC8E11.01c	8.843484e-04	3.079987e-03	-2.325114e-03
## SPAC959.04c	-2.423502e-03	1.999810e-03	4.267276e-03
## SPAC959.10	-9.951057e-04	7.465484e-04	-2.143914e-03
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-6.133634e-04	-1.679264e-03	3.364393e-03
## SPAC959.08	7.917057e-03	2.227786e-02	-3.187533e-02
## SPNCRNA.907	1.054465e-03	-1.184004e-03	1.576744e-03
## SPAC3H5.12c	-6.623042e-02	6.134500e-03	-1.312482e-02
## SPAC3H5.11	-1.554645e-03	1.305944e-04	2.455221e-03
## SPAC3H5.13	-4.550776e-04	7.743175e-04	1.756809e-03
## SPAC3H5.09c	3.034327e-03	-1.323864e-02	2.887399e-03
## SPAC3H5.07	-2.427938e-02	1.145381e-02	2.254571e-02
## SPAC3H5.04	-1.501648e-03	4.174635e-03	-8.626205e-04
## SPAC3H5.05c	1.029407e-02	-5.745620e-03	-6.874773e-03
## SPAC3A11.14c	1.992829e-03	-6.172085e-04	5.707248e-05
## SPNCRNA.561	-7.930961e-04	7.564874e-04	-1.185248e-03
## SPATRNAARG.01	1.143154e-02	-5.182099e-03	1.470554e-02
## SPNCRNA.908	5.146904e-04	-5.286704e-04	2.428613e-04
## SPAC3A11.11c	1.390863e-03	-8.351176e-04	2.037562e-03
## SPAC3A11.08	4.533469e-03	-1.465807e-03	-3.205737e-03
## SPAC3A11.07	1.113779e-02	-4.242231e-03	8.483306e-03
## SPAC3A11.06	-4.001420e-03	-5.118197e-03	2.341217e-03
## SPAC328.01c	-6.243377e-03	2.497973e-03	2.045892e-03
## SPAC328.02	-9.888274e-03	-1.153054e-03	5.989063e-03
## SPNCRNA.911	-2.195014e-04	1.066928e-03	-9.271398e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	-1.033075e-02	-6.012365e-03	-2.290543e-02
## SPAC328.07c	-4.741300e-03	-8.117302e-04	2.480928e-03
## SPAC328.09	1.762367e-03	-2.421228e-03	5.214005e-03

## SPNCRNA.912	-1.077774e-04	-1.630358e-04	-1.230593e-04
## SPNCRNA.913	-3.974961e-04	1.187665e-04	2.875655e-04
## SPAC16E8.01	1.508319e-02	1.410792e-02	-4.920702e-03
## SPAC16E8.04c	-1.443684e-03	-1.441584e-03	-5.450723e-03
## SPNCRNA.914	9.342728e-05	-1.196306e-03	6.242014e-04
## SPNCRNA.562	-1.122552e-04	7.764479e-05	-1.503462e-04
## SPAC16E8.08	2.988883e-03	-1.426510e-03	4.004025e-03
## SPAC16E8.10c	-1.969963e-03	1.428301e-05	-4.181397e-03
## SPAC16E8.11c	-2.743365e-03	-6.006022e-03	-1.833257e-04
## SPAC16E8.18	-2.622524e-03	4.451958e-03	1.379090e-03
## SPAC16E8.12c	-1.243068e-03	6.156176e-03	-4.487775e-03
## SPAC16E8.14c	-1.250619e-03	5.105958e-06	-3.086260e-04
## SPAC16E8.16	-2.997271e-03	-9.632448e-04	1.918115e-03
## SPAC16E8.17c	-2.440133e-03	-5.591015e-03	3.973703e-03
## SPAC1B1.02c	2.970133e-03	-5.501872e-03	1.073952e-03
## SPAC1B1.03c	7.487196e-03	-1.566245e-02	1.977978e-03
## SPAC1B1.04c	5.201241e-03	-3.399198e-04	9.357655e-05
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-1.734905e-04	-2.916680e-04	-1.168170e-03
## SPAC17A2.03c	-3.018480e-04	-2.341234e-04	-5.756964e-03
## SPNCRNA.917	-5.864025e-06	-3.898669e-06	8.789761e-06
## SPNCRNA.918	5.242880e-04	2.291900e-04	4.739183e-05
## SPAC17A2.12	2.314978e-03	-1.909438e-03	9.580935e-03
## SPAC17A2.13c	9.591721e-03	1.863642e-03	3.282395e-04
## SPNCRNA.919	-7.421680e-05	3.554062e-05	-6.261983e-04
## SPAC17A2.14	8.127597e-04	6.221673e-03	2.051851e-03
## SPNCRNA.600	-3.843486e-04	4.999268e-04	4.083940e-04
## SPAC17G6.07c	-1.007759e-04	-1.621507e-03	-3.069834e-03
## SPAC17G6.09	-1.438149e-04	3.110660e-03	6.959031e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	-2.538795e-03	4.271853e-03	-2.958887e-04
## SPNCRNA.922	1.504851e-04	-1.867979e-04	2.219887e-04
## SPAC1142.03c	-4.923177e-04	-4.988602e-03	-2.995513e-03
## SPRRNA.16	2.971031e-03	-8.807449e-04	-7.008489e-03
## SPNCRNA.924	-6.197532e-05	3.902630e-05	-7.833530e-06
## SPAC8C9.03	-1.685217e-02	-4.398017e-03	-2.228210e-03
## SPAC8C9.05	5.178401e-03	-3.283800e-04	-4.313153e-03
## SPAC8C9.06c	5.210667e-03	-3.130027e-03	-3.288230e-03
## SPAC8C9.10c	2.708005e-03	2.463823e-03	8.505930e-05
## SPAC8C9.16c	2.814318e-04	-2.811534e-03	2.223062e-03
## SPAC15A10.01	3.587830e-03	4.388938e-03	-1.560096e-03
## SPAC8C9.17c	-2.933307e-03	1.328921e-03	-3.647102e-04
## SPAC15A10.02	-2.541051e-03	-4.111972e-03	3.231107e-03
## SPAC15A10.03c	1.179595e-03	-3.642040e-03	-4.668197e-03
## SPAC15A10.04c	-2.923166e-03	-1.274928e-03	1.832001e-02
## SPAC15A10.05c	1.504361e-03	1.145651e-03	-3.673179e-03
## SPAC15A10.07	-1.521198e-03	-2.148819e-03	2.501575e-03
## SPAC15A10.10	1.030151e-03	-9.466731e-04	-1.260376e-03
## SPATRNPAPHE.01	1.137311e-02	2.090240e-02	1.123138e-02
## SPATRNPAPVAL.04	8.734419e-03	-1.907088e-03	-9.926132e-03
## SPNCRNA.929	8.932187e-05	2.878094e-04	-4.027361e-04
## SPAC15A10.15	-1.632974e-03	-3.020295e-04	2.509552e-03
## SPAC15A10.16	2.175305e-03	-5.862778e-03	3.273175e-03
## SPAC15E1.02c	2.091703e-03	-9.894351e-03	-4.278572e-04

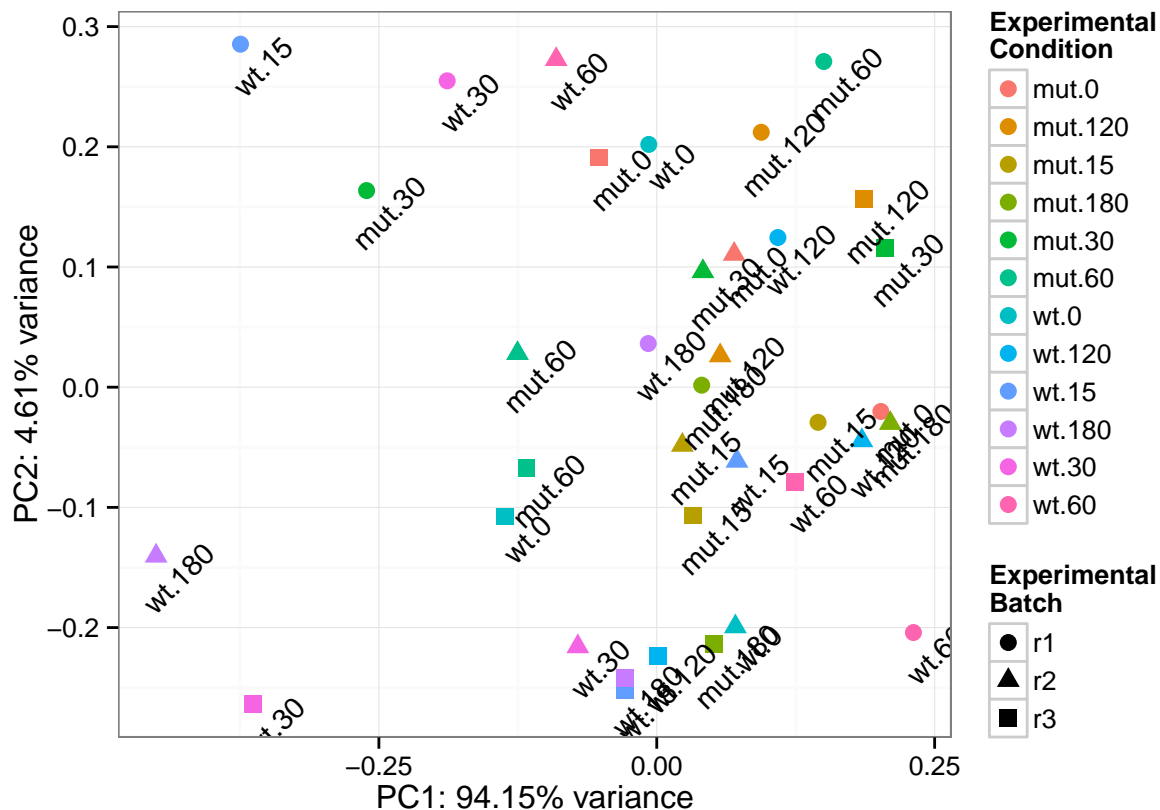
## SPAC15E1.04	1.016127e-03	5.727197e-03	3.404542e-03
## SPAC15E1.06	-2.913449e-03	-4.713109e-03	-3.919820e-03
## SPAC15E1.07c	9.910962e-05	-3.634402e-04	3.321523e-05
## SPAC15E1.08	-1.767358e-03	1.639449e-03	-4.319753e-04
## SPNCRNA.931	2.984736e-04	-6.296461e-04	-2.534581e-04
## SPNCRNA.524	8.311732e-05	4.324370e-05	6.774429e-04
## SPAP7G5.03	-2.549999e-03	-1.654166e-03	1.163951e-03
## SPAP7G5.04c	-3.980763e-03	2.593475e-02	3.009452e-02
## SPNCRNA.933	-4.939041e-04	1.085571e-03	-4.296014e-04
## SPAP7G5.06	3.445392e-03	2.084955e-03	1.146415e-02
## SPATRNAPHE.02	-1.081752e-02	-5.730936e-03	4.378861e-02
## SPATRNAALA.04	9.278957e-04	1.404025e-03	2.789330e-04
## SPATRNAGLU.03	6.211400e-03	6.070251e-03	-2.085634e-02
## SPATRNAILE.04	-1.737402e-04	-8.532309e-04	5.987978e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-6.162470e-05	2.003552e-04	-1.065428e-04
## SPAP4C9.02	-2.634723e-03	3.217872e-03	-2.607458e-03
## SPNCRNA.936	3.734287e-06	4.618072e-04	-3.332186e-04
## SPAC1556.02c	9.973448e-03	4.903766e-03	2.979227e-03
## SPAC1556.06	1.501585e-03	-1.638758e-03	-5.449684e-04
## SPAC1556.07	-2.478418e-02	4.404022e-03	5.472391e-03
## SPAC1556.08c	2.866371e-03	-4.113291e-03	-8.533351e-03
## SPAC1F12.06c	-4.064554e-04	8.133955e-04	4.637429e-03
## SPAC1F12.08	1.043867e-03	-4.865612e-03	-7.471235e-04
## SPAC1F12.09	1.460035e-03	-2.766875e-03	-1.149884e-03
## SPAC1F12.10c	-1.308209e-02	1.185965e-03	-5.472964e-03
## SPAC4H3.17	1.156572e-04	-6.125899e-05	3.914953e-04
## SPAC4H3.02c	-1.883235e-03	7.105792e-04	-8.738920e-04
## SPNCRNA.938	3.375695e-04	-2.144782e-04	-1.138961e-04
## SPRRNA.17	4.715771e-03	-2.793393e-03	-6.054280e-03
## SPAC4H3.04c	1.114720e-04	-1.273160e-03	-1.122507e-03
## SPAC4H3.05	3.284676e-03	4.172463e-03	-4.663919e-03
## SPAC4H3.16	-7.689417e-03	2.156831e-03	1.487953e-03
## SPNCRNA.939	-3.538454e-04	-1.238141e-04	1.483181e-03
## SPAC4H3.07c	-4.900841e-03	-4.782617e-03	-4.292943e-03
## SPNCRNA.940	7.554820e-05	-1.916035e-04	-4.735068e-04
## SPAC4H3.08	1.725851e-03	3.906143e-03	-3.884633e-03
## SPAC4H3.10c	1.227749e-02	-1.849935e-02	1.053405e-03
## SPAC4H3.11c	-3.150668e-03	-5.931489e-03	-1.990867e-03
## SPAC4H3.13	-2.667234e-03	-6.290226e-04	7.058936e-04
## SPAC4H3.14c	-1.699759e-04	5.089651e-04	-6.040593e-04
## SPAC1071.04c	-1.001101e-03	-1.670727e-03	2.064509e-03
## SPAC1071.07c	-1.575304e-02	-1.896415e-02	1.880319e-02
## SPAC1071.09c	1.635960e-03	-2.441665e-03	7.867222e-04
## SPNCRNA.92	-1.841243e-05	-1.319699e-05	-5.565195e-06
## SPNCRNA.944	-9.754327e-04	5.670450e-05	1.075555e-03
## SPAC1071.11	-1.082495e-03	-1.441944e-03	2.709756e-03
## SPNCRNA.947	4.450482e-04	-8.217219e-04	-2.004331e-03
## SPAC926.06c	-1.112747e-03	-1.274072e-02	-4.293305e-03
## SPAC926.07c	1.309942e-03	2.721709e-03	6.928901e-04
## SPAC926.08c	-9.359937e-03	-6.415570e-03	5.507790e-03
## SPAC323.02c	-8.771940e-03	1.029116e-02	-8.126541e-03
## SPAC323.03c	2.581448e-04	-1.031998e-03	2.753167e-04

## SPAC323.04	-3.282150e-03	-4.691355e-03	1.539612e-03
## SPAC323.05c	-4.297055e-04	-5.322146e-03	6.603543e-04
## SPAC323.08	2.506328e-03	-2.072126e-03	-4.434397e-04
## SPAC2F3.01	3.452475e-03	-1.988168e-03	5.002349e-03
## SPAC2F3.17c	-5.235117e-03	5.918161e-04	5.972383e-03
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	8.480690e-03	-8.309542e-03	4.116251e-03
## SPAC2F3.10	2.225862e-03	6.496304e-03	5.971888e-03
## SPAC2F3.13c	-1.264954e-03	6.021901e-03	-4.010080e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	-1.458301e-05	-4.189121e-04	-1.866545e-03
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	1.812880e-03	-1.248047e-04	1.601826e-03
## SPAC2F3.16	-1.739009e-04	-3.786088e-04	3.057178e-03
## SPAC11G7.05c	-1.357620e-03	-2.006534e-03	3.116925e-03
## SPAC11G7.06c	-1.766916e-03	-1.834812e-03	2.526224e-03
## SPNCRNA.952	1.235989e-03	9.583429e-04	-3.598619e-05
## SPAPB18E9.02c	7.736291e-03	-1.372691e-02	8.601638e-03
## SPNCRNA.953	9.628076e-04	5.760620e-04	2.060974e-04
## SPAPB18E9.04c	-9.289327e-04	-3.583989e-03	-7.926432e-04
## SPNCRNA.954	2.896712e-03	-2.163852e-03	-1.172053e-03
## SPAPB15E9.06	1.014031e-03	-7.053188e-04	6.196543e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-6.914178e-04	2.126309e-03	2.556330e-03
## SPNCRNA.955	-4.375268e-04	1.306682e-04	-2.547713e-04
## SPAC27E2.03c	-1.260834e-03	-6.698087e-03	2.060607e-03
## SPAC27E2.11c	-1.147102e-04	-1.042107e-04	-3.045941e-04
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	-8.348012e-05	8.195391e-04	-1.553073e-04
## SPAC27E2.12	3.579405e-05	-3.537733e-04	1.608646e-05
## SPAC27E2.06c	-3.057226e-03	-6.268474e-04	6.866101e-03
## SPAC27E2.07	2.004550e-03	1.329959e-04	-5.795233e-03
## SPAC27E2.08	-8.510905e-05	-3.413758e-04	-3.169069e-04
## SPAPJ698.02c	1.521933e-02	2.680963e-03	2.800252e-02
## SPAC19G12.01c	6.249763e-04	1.239210e-04	1.076635e-03
## SPAC19G12.03	-3.984295e-03	-1.770037e-03	1.024685e-04
## SPNCRNA.956	-3.165349e-04	4.961547e-04	-2.518223e-06
## SPAC19G12.05	-3.108692e-03	1.301479e-02	-3.279377e-03
## SPAC19G12.10c	3.244454e-02	-2.968950e-02	9.024988e-03
## SPAC19G12.17	-2.256969e-04	-9.734394e-04	-9.988277e-04
## SPAC19G12.11	-9.261513e-03	2.553158e-04	3.128596e-03
## SPAC19G12.12	-6.309190e-03	1.242083e-03	2.954227e-03
## SPAC19G12.15c	1.006480e-02	-2.786415e-02	4.289658e-04
## SPAC19G12.16c	2.684656e-03	-2.877229e-02	-5.878579e-03
## SPAC23A1.02c	1.479113e-03	-2.179808e-03	4.222320e-03
## SPAC23A1.03	-7.868641e-03	1.030906e-03	2.131586e-02
## SPAC23A1.04c	4.172932e-04	1.397017e-03	-5.005590e-03
## SPAC23A1.05	-2.515770e-03	1.020331e-03	1.105716e-02
## SPAC23A1.06c	-1.353347e-03	3.884437e-03	-5.456636e-03
## SPAC23A1.09	3.582793e-03	3.571671e-03	2.660128e-03
## SPNCRNA.957	-3.119266e-04	-2.127600e-04	-3.268023e-04
## SPAC23A1.11	-1.679635e-02	-4.018011e-03	2.533421e-02
## SPAC23A1.12c	1.327106e-02	-7.077453e-03	-1.162183e-02

## SPNCRNA.958	-1.462384e-03	6.885376e-05	9.902170e-05
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	1.161959e-03	4.141247e-04	1.704908e-03
## SPAC23A1.17	-1.992257e-04	-1.459310e-03	5.126774e-04
## SPAC23A1.18c	-2.927624e-03	4.885647e-03	5.399577e-03
## SPAC23A1.19c	1.865267e-03	-7.834942e-03	-7.471799e-03
## SPAC26H5.02c	3.743004e-03	1.214622e-03	6.551533e-03
## SPAC26H5.03	1.499174e-03	7.924852e-04	-2.681632e-03
## SPNCRNA.959	-4.990229e-04	1.866613e-04	-5.766215e-04
## SPNCRNA.960	-6.771961e-04	3.883024e-06	-5.830910e-04
## SPAC26H5.05	7.652856e-03	-8.955748e-03	-8.614345e-04
## SPAC26H5.06	4.353628e-03	5.252117e-03	3.153964e-03
## SPNCRNA.963	3.460855e-04	-3.305779e-04	-8.355431e-04
## SPAC26H5.11	1.774842e-03	-5.853769e-03	-2.551301e-03
## SPAC26H5.12	5.925175e-03	4.108534e-04	3.788116e-03
## SPAC26H5.13c	-2.243316e-03	-8.328802e-04	2.330170e-03
## SPAC25B8.01	-3.128489e-03	-1.915868e-03	2.601418e-03
## SPAC25B8.06c	4.180469e-03	2.535933e-04	4.148204e-03
## SPAC25B8.08	-7.732384e-04	5.532603e-03	-1.327398e-03
## SPNCRNA.966	-1.751882e-04	1.876397e-04	-8.284363e-05
## SPAC25B8.09	9.937678e-04	3.295116e-03	7.311968e-04
## SPAC25B8.12c	1.645426e-02	1.744972e-02	-4.957819e-03
## SPAC25B8.17	4.570269e-03	-4.311097e-03	7.178995e-03
## SPAC25B8.18	4.672319e-04	2.354733e-03	1.664340e-03
## SPAC25B8.19c	-4.096763e-03	1.366107e-03	-1.928625e-03
## SPAC683.03	9.597970e-05	-6.820364e-05	-1.071988e-04
## SPNCRNA.969	-1.274756e-03	-5.679006e-04	-5.042911e-04
## SPAC683.02c	3.642351e-03	-7.906950e-03	-2.216008e-04
## SPAC694.02	-1.512428e-02	2.885697e-05	2.125948e-02
## SPAC694.05c	6.819572e-02	-7.851754e-02	-5.613548e-02
## SPAC694.06c	6.412093e-03	1.370101e-03	-7.496969e-03
## SPAC1F7.01c	1.224018e-02	-2.486436e-02	1.117157e-02
## SPAC1F7.14c	2.154929e-03	1.844663e-04	3.050834e-03
## SPAC1F7.04	9.908975e-03	-2.112558e-03	-3.083454e-03
## SPAC1F7.05	7.963196e-03	-1.508147e-02	-5.264825e-02
## SPNCRNA.973	1.632696e-03	1.779967e-03	-5.215049e-04
## SPNCRNA.243	1.045716e-04	2.200022e-05	3.643042e-04
## SPAC1F7.08	-7.453821e-02	-1.162734e-02	-2.542334e-02
## SPAC1F7.09c	-5.178289e-04	-3.508816e-04	1.752553e-03
## SPAC1F7.13c	-5.827099e-03	-1.581666e-02	5.870102e-02
## SPAC21E11.04	1.471829e-03	8.301342e-04	-1.979447e-03
## SPAC21E11.06	1.509838e-02	4.188361e-03	-6.326540e-03
## SPNCRNA.13	2.106045e-04	3.668926e-05	-2.066599e-04
## SPAC21E11.07	-4.548872e-03	4.119069e-04	-5.226075e-03
## SPAC2C4.03c	6.470706e-04	-6.516282e-04	5.144971e-03
## SPAC2C4.04c	8.469296e-04	5.533070e-04	-8.302208e-04
## SPNCRNA.98	-1.046627e-02	-1.539138e-03	-6.436666e-03
## SPAC2C4.07c	-1.106564e-03	6.200896e-04	2.837281e-03
## SPAC2C4.09	-1.053064e-03	5.161448e-04	-2.133185e-03
## SPAC2C4.10c	-1.172949e-03	-2.243580e-03	1.745287e-03
## SPAC2C4.13	-7.256101e-04	-7.523844e-03	-5.235710e-03
## SPAC2C4.17c	8.025906e-04	-8.951383e-03	8.992497e-03
## SPAC25G10.02	-3.192161e-04	-1.530886e-03	-3.524314e-04
## SPAC25G10.03	-1.688869e-02	7.395228e-03	-4.835840e-03

## SPAC25G10.04c	-5.490397e-04	1.312805e-03	1.357634e-03
## SPAC25G10.08	2.228355e-02	-1.145740e-03	-1.563702e-02
## SPAC27F1.05c	1.260351e-03	-4.813777e-04	2.916118e-03
## SPNCRNA.977	3.486621e-04	1.018345e-04	2.188196e-03
## SPAC27F1.10	-1.905824e-04	8.492154e-04	4.463713e-04
## SPNCRNA.978	1.978190e-04	9.278443e-05	1.859438e-04
## SPAC27F1.06c	5.287950e-03	-2.418770e-03	4.596881e-03
## SPAC23D3.04c	4.961553e-03	1.007086e-02	1.135871e-02
## SPAC23D3.05c	-4.993505e-04	-2.072602e-03	4.982365e-03
## SPAC23D3.06c	3.225882e-03	3.762864e-03	-2.355669e-02
## SPAC23D3.07	5.279588e-04	-8.765846e-03	-4.243566e-03
## SPAC23D3.09	1.592768e-03	-7.486657e-03	-2.315489e-03
## SPAC23D3.10c	6.756990e-03	-2.831974e-03	4.821357e-05
## SPNCRNA.244	-3.207167e-04	3.540477e-05	9.062648e-05
## SPAC23D3.12	1.071265e-02	-1.782130e-02	1.610366e-02
## SPAC23D3.16	-1.908378e-03	8.692084e-04	-3.597416e-03
## SPAC23D3.13c	-5.660114e-03	7.702156e-03	-2.121885e-02
## SPAC23D3.14c	2.489921e-03	2.752015e-03	6.796730e-04
## SPNCRNA.982	1.261972e-03	-1.310142e-03	1.398238e-03
## SPAC1527.01	-1.628268e-04	-3.188106e-03	-6.680313e-03
## SPAC1527.02	2.217865e-03	1.291295e-03	3.170216e-04
## SPAC1527.03	-5.108011e-03	-8.679321e-04	-2.938894e-03
## SPAC30.03c	-4.761003e-03	-8.893969e-04	-4.236765e-03
## SPNCRNA.983	4.813307e-05	-1.322441e-04	3.547575e-04
## SPNCRNA.984	3.970359e-04	-3.202148e-04	-1.010552e-05
## SPNCRNA.246	4.691280e-05	-4.680289e-05	1.143719e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	2.653424e-03	1.538897e-05	-2.536050e-03
## SPAC29E6.06c	1.487905e-03	-1.125981e-02	-7.765940e-04
## SPAC29E6.09	2.457918e-03	2.938273e-03	1.280774e-03
## SPAC29E6.10c	3.287088e-03	1.619313e-03	3.639162e-04
## SPAC16.02c	-4.182071e-03	2.900921e-02	-7.577880e-03
## SPNCRNA.247	7.139213e-05	1.163653e-04	1.422852e-05
## SPAC16.04	3.284275e-03	9.929448e-03	4.840468e-03
## SPNCRNA.99	7.127249e-04	-1.310978e-04	-1.142951e-03
## SPAC9E9.02	-6.875058e-04	-2.181900e-03	-5.893975e-04
## SPNCRNA.988	-8.392354e-05	-1.067144e-03	8.649772e-05
## SPAC9E9.05	-2.167326e-03	-7.182640e-07	7.206054e-04
## SPAC9E9.06c	1.925721e-03	-8.450120e-03	-6.258834e-03
## SPAC9E9.07c	4.822864e-03	2.476545e-03	2.436347e-03
## SPAC9E9.08	4.726008e-03	-5.928185e-03	-1.552505e-03
## SPNCRNA.990	-7.781183e-04	-7.692058e-04	-1.663723e-03
## SPAC9E9.10c	-3.975754e-03	-1.799497e-04	8.269122e-03
## SPAC9E9.11	-1.671666e-02	-1.460766e-02	1.428390e-02
## SPAC9E9.12c	2.911961e-03	8.180316e-04	2.519635e-03
## SPAC9E9.13	-2.367382e-02	-9.883033e-04	1.252477e-02
## SPAC9E9.14	-2.184806e-03	3.228997e-03	-6.713418e-03
## SPAC17C9.16c	7.409116e-03	-7.172407e-03	1.091540e-02
## SPAC17C9.15c	-8.178714e-04	1.026703e-03	1.703008e-03
## SPAC17C9.13c	2.995258e-03	8.313124e-03	6.053778e-03
## SPAC17C9.12	-3.420362e-04	-4.179242e-03	-7.943816e-04
## SPAC17C9.11c	-4.258481e-03	-1.594044e-03	7.479310e-03
## SPAC17C9.09c	1.919561e-04	-8.182555e-03	4.931143e-03
## SPAC17C9.08	1.620850e-04	1.908088e-03	1.111868e-03

```
## SPAC17C9.06      -6.308718e-03  7.306485e-03 -4.558283e-04
## SPAC17C9.03      8.985082e-03  8.294378e-03 -5.842895e-02
## SPAC17C9.02c    -1.817220e-03  1.705369e-03  3.994995e-03
## SPAC1851.02      7.344004e-03 -4.639687e-03  1.268868e-03
## SPAC1851.03      3.730134e-03  2.968576e-03  3.816687e-03
## SPNCRNA.992      3.993174e-04 -2.410624e-03  1.316699e-03
## SPAC27D7.03c     6.564237e-04  8.630714e-04  2.086464e-03
## SPAC27D7.04      1.177379e-03  1.120760e-03 -3.444555e-03
## SPAC27D7.05c    -5.629910e-04 -2.547570e-03 -2.878388e-03
## SPAC27D7.07c    -6.945829e-03  2.666435e-03 -2.122975e-03
## SPAC27D7.08c     2.205277e-04  1.114668e-03  2.243391e-03
## SPAC27D7.09c     1.537230e-03 -2.368769e-02 -7.622792e-03
## SPAC27D7.11c     1.050959e-02  9.044859e-03  7.332450e-03
## [ reached getOption("max.print") -- omitted 4182 rows ]
##
## $pca$d
## [1] 6008536.547 1329859.076 550762.971 214403.669 203382.431
## [6] 176303.977 130149.351 82490.725 79797.975 67703.507
## [11] 58260.110 46304.555 45738.654 40013.277 39108.743
## [16] 35561.171 33451.785 28619.093 28246.212 24475.162
## [21] 22843.527 20689.596 18335.220 16514.897 15334.710
## [26] 14537.327 13109.935 12107.825 11412.664 10515.583
## [31] 10290.155 9090.922 8709.297 7786.531 6331.726
##
##
## $plot
```



```
##
```

```

## $table
##          SampleID condition batch batch_int      PC1      PC2
## GSM1368273   wt.0-r1     wt.0    r1         1 -0.007178318  0.201995449
## GSM1368274   wt.0-r2     wt.0    r2         2  0.070735209 -0.199237946
## GSM1368275   wt.0-r3     wt.0    r3         3 -0.136645507 -0.107750705
## GSM1368276   wt.15-r1    wt.15    r1         1 -0.374502211  0.285371499
## GSM1368277   wt.15-r2    wt.15    r2         2  0.072181094 -0.061485806
## GSM1368278   wt.15-r3    wt.15    r3         3 -0.028458656 -0.251907593
## GSM1368279   wt.30-r1    wt.30    r1         1 -0.188542251  0.254884121
## GSM1368280   wt.30-r2    wt.30    r2         2 -0.071016520 -0.215832142
## GSM1368281   wt.30-r3    wt.30    r3         3 -0.363641837 -0.263890058
## GSM1368282   wt.60-r1    wt.60    r1         1  0.230916954 -0.204118295
## GSM1368283   wt.60-r2    wt.60    r2         2 -0.090460759  0.272733156
## GSM1368284   wt.60-r3    wt.60    r3         3  0.124813473 -0.078743284
## GSM1368285   wt.120-r1   wt.120   r1         1  0.108968258  0.124504851
## GSM1368286   wt.120-r2   wt.120   r2         2  0.184520582 -0.044387846
## GSM1368287   wt.120-r3   wt.120   r3         3  0.001512549 -0.223718719
## GSM1368288   wt.180-r1   wt.180   r1         1 -0.007662272  0.036322067
## GSM1368289   wt.180-r2   wt.180   r2         2 -0.450412255 -0.140420366
## GSM1368290   wt.180-r3   wt.180   r3         3 -0.028577810 -0.242300360
## GSM1368291   mut.0-r1    mut.0    r1         1  0.201616006 -0.020221570
## GSM1368292   mut.0-r2    mut.0    r2         2  0.069647319  0.110678369
## GSM1368293   mut.0-r3    mut.0    r3         3 -0.052329747  0.190884163
## GSM1368294   mut.15-r1   mut.15    r1         1  0.145105662 -0.029245559
## GSM1368295   mut.15-r2   mut.15    r2         2  0.023031791 -0.048204147
## GSM1368296   mut.15-r3   mut.15    r3         3  0.032711623 -0.106685660
## GSM1368297   mut.30-r1   mut.30    r1         1 -0.261061660  0.163575077
## GSM1368298   mut.30-r2   mut.30    r2         2  0.041535667  0.096249804
## GSM1368299   mut.30-r3   mut.30    r3         3  0.205380854  0.116145287
## GSM1368300   mut.60-r1   mut.60    r1         1  0.150253285  0.270955306
## GSM1368301   mut.60-r2   mut.60    r2         2 -0.125269685  0.028154634
## GSM1368302   mut.60-r3   mut.60    r3         3 -0.117305851 -0.067463992
## GSM1368303   mut.120-r1  mut.120   r1         1  0.094000969  0.212085426
## GSM1368304   mut.120-r2  mut.120   r2         2  0.057032686  0.026224395
## GSM1368305   mut.120-r3  mut.120   r3         3  0.186798636  0.156544584
## GSM1368306   mut.180-r1  mut.180   r1         1  0.040435597  0.001669285
## GSM1368307   mut.180-r2  mut.180   r2         2  0.210088691 -0.030042020
## GSM1368308   mut.180-r3  mut.180   r3         3  0.051778433 -0.213321407
##
## $res
##      propVar cumPropVar cond.R2 batch.R2
## 1      94.15      94.15   40.00     0.27
## 2       4.61      98.76   24.18    24.33
## 3       0.79      99.55   38.31    24.01
## 4       0.12      99.67   75.27     0.41
## 5       0.11      99.78   46.27    20.02
## 6       0.08      99.86   55.25     7.19
## 7       0.04      99.90   73.51     2.88
## 8       0.02      99.92   54.04     6.84
## 9       0.02      99.94   41.01    10.77
## 10      0.01      99.95   33.46    16.52
## 11      0.01      99.96   47.75     0.40
## 12      0.01      99.97   23.32     7.36
## 13      0.01      99.98   21.12     0.35

```



```
## 14      0.00      99.98      30.52      5.79
## 15      0.00      99.98      30.28      8.13
## 16      0.00      99.98      35.29      4.47
## 17      0.00      99.98      32.24      0.12
## 18      0.00      99.98      26.09      3.14
## 19      0.00      99.98      37.04      0.57
## 20      0.00      99.98      22.45      1.22
## 21      0.00      99.98      29.46      4.34
## 22      0.00      99.98       8.32     10.27
## 23      0.00      99.98      18.54      3.92
## 24      0.00      99.98       9.32     10.02
## 25      0.00      99.98      29.46      3.38
## 26      0.00      99.98      31.59      7.83
## 27      0.00      99.98      28.83      4.02
## 28      0.00      99.98      17.86      5.78
## 29      0.00      99.98      26.77      0.07
## 30      0.00      99.98      16.84      2.08
## 31      0.00      99.98      11.79      0.76
## 32      0.00      99.98       5.24      1.38
## 33      0.00      99.98      40.93      0.49
## 34      0.00      99.98      19.86      0.46
## 35      0.00      99.98      17.79      0.41
##
## $variance
## [1] 94.15  4.61  0.79  0.12  0.11  0.08  0.04  0.02  0.02  0.01  0.01
## [12]  0.01  0.01  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
## [23]  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
## [34]  0.00  0.00
```

```
## So, normalize the data
norm_expt = normalize_expt(fission_expt)
```

```
## [1] "This function will replace the expt$expressionset slot with the raw(raw(raw))'d data."
## [1] "It saves the current data into a slot named: expt$backup_expressionset"
## [1] "It will also save copies of each step along the way in expt$normalized with the corresponding 1
## [1] "Keep the libsizes in mind when invoking limma. The appropriate libsize is the non-log(cpm(norm
```

```
## And try the pca again
fis_normpca = hpgl_pca(expt=norm_expt, labels=norm_expt$condition)
fis_normpca
```

```
## $pca
## $pca$v
##           [,1]           [,2]           [,3]           [,4]
## GSM1368273 -0.007178318  0.201995449 -0.203597050  0.236082713
## GSM1368274  0.070735209 -0.199237946 -0.064116481  0.016201135
## GSM1368275 -0.136645507 -0.107750705 -0.167148260  0.253778912
## GSM1368276 -0.374502211  0.285371499 -0.044128760 -0.086542214
## GSM1368277  0.072181094 -0.061485806  0.051046625 -0.062072951
## GSM1368278 -0.028458656 -0.251907593  0.019075666 -0.038445333
## GSM1368279 -0.188542251  0.254884121  0.021836679 -0.426008598
## GSM1368280 -0.071016520 -0.215832142 -0.078112831 -0.222931283
## GSM1368281 -0.363641837 -0.263890058 -0.053068774 -0.240613775
```

```

## GSM1368282 0.230916954 -0.204118295 0.073316387 -0.196716941
## GSM1368283 -0.090460759 0.272733156 0.177161576 -0.010877038
## GSM1368284 0.124813473 -0.078743284 0.021907573 0.003578017
## GSM1368285 0.108968258 0.124504851 0.130256236 0.073106044
## GSM1368286 0.184520582 -0.044387846 0.094843825 0.062514803
## GSM1368287 0.001512549 -0.223718719 0.033807839 0.094495058
## GSM1368288 -0.007662272 0.036322067 0.120080549 0.087164472
## GSM1368289 -0.450412255 -0.140420366 0.111673094 0.335181718
## GSM1368290 -0.028577810 -0.242300360 0.006182798 0.241668252
## GSM1368291 0.201616006 -0.020221570 -0.012064872 -0.073134944
## GSM1368292 0.069647319 0.110678369 -0.335674331 0.123703029
## GSM1368293 -0.052329747 0.190884163 -0.420371028 0.116051228
## GSM1368294 0.145105662 -0.029245559 0.297620577 -0.115363636
## GSM1368295 0.023031791 -0.048204147 -0.065614004 0.022956358
## GSM1368296 0.032711623 -0.106685660 -0.101553657 -0.148484772
## GSM1368297 -0.261061660 0.163575077 0.424612363 -0.094652016
## GSM1368298 0.041535667 0.096249804 -0.245285966 -0.266143571
## GSM1368299 0.205380854 0.116145287 -0.066718300 -0.277055905
## GSM1368300 0.150253285 0.270955306 0.238486561 0.191321128
## GSM1368301 -0.125269685 0.028154634 -0.159955879 -0.129601527
## GSM1368302 -0.117305851 -0.067463992 -0.002216967 0.061122096
## GSM1368303 0.094000969 0.212085426 0.080847828 0.101654639
## GSM1368304 0.057032686 0.026224395 -0.037141145 0.142108530
## GSM1368305 0.186798636 0.156544584 -0.173637079 0.096087891
## GSM1368306 0.040435597 0.001669285 0.237246912 0.133550529
## GSM1368307 0.210088691 -0.030042020 0.079583339 0.021058827
## GSM1368308 0.051778433 -0.213321407 0.010818957 -0.024740874
##          [,5]          [,6]          [,7]          [,8]
## GSM1368273 -0.0309870161 -0.166916614 -0.23220558 0.142961657
## GSM1368274 0.0387230647 -0.093760196 0.01663599 0.015111081
## GSM1368275 -0.0419939350 -0.063433444 -0.19592858 0.135119531
## GSM1368276 0.4770605639 -0.243493836 -0.09366437 0.340713883
## GSM1368277 0.1186607342 -0.055745253 -0.07351033 0.094650278
## GSM1368278 0.1045383857 0.035532988 -0.05558985 0.168739509
## GSM1368279 0.0716657389 0.121142408 -0.06403177 -0.278956826
## GSM1368280 -0.0863865620 0.086086058 -0.09153036 0.068186669
## GSM1368281 -0.0682263606 0.139404874 0.05657730 -0.253105823
## GSM1368282 0.1274366759 -0.031149083 0.11565664 0.148841390
## GSM1368283 -0.1664569914 -0.093580836 0.46068241 0.371055091
## GSM1368284 -0.2185807778 -0.040095068 0.14096546 0.192513640
## GSM1368285 0.1321160073 0.048307921 0.10002431 -0.206370879
## GSM1368286 0.1567145528 0.038151554 -0.17229539 -0.059291428
## GSM1368287 -0.0105649347 0.083770991 0.01953238 -0.027508219
## GSM1368288 0.1688274127 -0.048059186 0.01628394 -0.101610382
## GSM1368289 -0.0463995749 0.106868078 -0.07508140 -0.041730951
## GSM1368290 -0.0004487053 0.241132715 -0.06653083 0.090255153
## GSM1368291 0.1884098726 -0.079221129 0.01762255 0.043046814
## GSM1368292 0.0387195645 0.100183058 -0.04502901 0.069546268
## GSM1368293 -0.1544187660 -0.340212100 0.07218571 -0.388191945
## GSM1368294 0.0982005824 -0.284208527 -0.04702094 -0.151844122
## GSM1368295 -0.1075830162 -0.109336395 -0.05343740 0.121463645
## GSM1368296 -0.0030348932 -0.268898824 0.03692770 -0.060123562
## GSM1368297 -0.3048345968 0.005946607 -0.30431266 0.004761186
## GSM1368298 -0.0508286200 0.355263127 -0.17326506 0.057860512

```

```

## GSM1368299 -0.4162036536 -0.014406452 -0.24982913 0.188005229
## GSM1368300 -0.1419703648 0.290888789 0.13984404 0.011923184
## GSM1368301 0.1859500381 0.214635900 0.46717255 0.081686990
## GSM1368302 -0.3401573433 -0.195947649 0.34530621 -0.137727577
## GSM1368303 0.1721091445 0.170654733 -0.04062713 -0.309759904
## GSM1368304 0.0599289853 0.285770203 0.08379203 0.013906691
## GSM1368305 -0.0561295534 0.135437619 -0.02291033 -0.074998778
## GSM1368306 0.0415954027 -0.137864488 -0.07919992 -0.052734983
## GSM1368307 0.0314610645 -0.076844297 -0.03121971 -0.054399842
## GSM1368308 0.0330878744 -0.116004248 0.07801057 -0.161993179
##          [,9]          [,10]          [,11]          [,12]          [,13]
## GSM1368273 -0.289722167 0.25304910 -0.198601884 0.442651260 -0.045716386
## GSM1368274 0.005658132 -0.02161784 -0.223807219 0.092690351 0.274990114
## GSM1368275 0.012759027 -0.19446355 -0.182411263 -0.387542445 0.042161435
## GSM1368276 0.100085190 -0.29182951 0.096310114 0.145760307 -0.073142802
## GSM1368277 0.008340014 0.03126988 -0.051378295 -0.232889403 -0.078667241
## GSM1368278 -0.064814820 -0.06746309 -0.109224534 0.046312638 0.201518612
## GSM1368279 0.038122460 0.20781884 -0.402786968 0.114014688 0.157011167
## GSM1368280 -0.065773751 -0.05416878 0.057055915 0.215297493 -0.228242362
## GSM1368281 -0.119744428 0.08324170 0.070223727 -0.083096543 0.064287564
## GSM1368282 -0.108446054 -0.12086288 -0.305748868 0.032386459 -0.148538928
## GSM1368283 0.258596225 0.35205395 -0.111952612 -0.190856539 0.090133015
## GSM1368284 -0.147752868 0.03023618 -0.079755119 -0.108407138 -0.233631519
## GSM1368285 0.265137827 0.01875728 -0.004121986 0.233223014 0.097067292
## GSM1368286 0.162831982 -0.07920906 -0.297106115 -0.100851635 -0.108071776
## GSM1368287 0.141506876 0.03243086 0.018857703 0.042045257 0.004542537
## GSM1368288 -0.006473544 0.07326832 0.329646080 0.146312045 -0.097321746
## GSM1368289 0.078093535 0.18969027 -0.152759811 -0.084576515 -0.371228841
## GSM1368290 0.164383253 -0.10342395 0.132069701 0.176638126 0.313058937
## GSM1368291 -0.119031548 0.07098703 -0.032215204 -0.082536834 0.089245348
## GSM1368292 -0.116783883 0.06009859 0.098329976 -0.263170407 0.116227304
## GSM1368293 0.025677774 -0.14137317 -0.054246776 -0.146045937 0.222241136
## GSM1368294 -0.133914621 0.01224495 0.114497707 -0.249644452 -0.007819082
## GSM1368295 -0.203726902 0.37463780 0.338653357 0.003380202 0.050779398
## GSM1368296 0.048159951 -0.15360300 0.129598196 -0.032207854 -0.095716900
## GSM1368297 -0.039771173 -0.13255937 0.110318217 -0.149826961 0.212440039
## GSM1368298 -0.141460770 0.15875494 0.049088879 -0.037015824 -0.068203021
## GSM1368299 0.346969535 -0.22782716 0.163535463 0.092515086 -0.075564416
## GSM1368300 -0.465058995 -0.33345127 -0.099492964 0.058818610 0.143517350
## GSM1368301 -0.130237417 -0.14404451 0.223060274 -0.062851404 0.007615831
## GSM1368302 -0.015601679 -0.22047442 -0.107571915 0.280188526 -0.223193951
## GSM1368303 -0.029238111 -0.08107388 0.088410741 -0.147537984 -0.372712010
## GSM1368304 0.314041829 -0.02861933 0.034511971 0.025985650 0.139079171
## GSM1368305 0.187255057 0.04989843 0.075588974 0.010287155 -0.217965283
## GSM1368306 -0.120409108 0.06851971 0.181298663 0.140622841 0.094463340
## GSM1368307 0.121486795 0.25956175 -0.015503827 -0.008046022 0.012047417
## GSM1368308 0.038856378 0.06954517 0.117629704 0.067974188 0.113309259
##          [,14]          [,15]          [,16]          [,17]
## GSM1368273 0.2015195167 -0.231090044 0.104915599 -0.0856763066
## GSM1368274 0.1500393969 0.009871499 0.052073667 0.1331840997
## GSM1368275 -0.0796606275 0.018080236 0.325122386 0.0720594055
## GSM1368276 -0.1476319007 0.128920010 -0.243566498 0.1231307075
## GSM1368277 0.0001137885 -0.194063054 -0.229310410 -0.0651572482
## GSM1368278 0.1208448997 0.212647593 -0.078615947 -0.3975067369

```

```

## GSM1368279 -0.1576065821 0.196269346 -0.003118779 0.1812588159
## GSM1368280 -0.0213878353 -0.043311258 0.242566961 -0.0490630337
## GSM1368281 -0.2486213744 -0.203550202 0.033636949 -0.1088143378
## GSM1368282 0.0416034451 0.009389155 0.129154142 -0.0044577775
## GSM1368283 -0.1292985441 0.004479291 0.218690285 -0.1923330589
## GSM1368284 -0.2078271145 0.279352833 -0.056728651 0.2652586382
## GSM1368285 -0.0652211039 -0.075048104 0.039705636 -0.3571246430
## GSM1368286 -0.1509482002 -0.229689733 0.022146752 -0.0449462011
## GSM1368287 0.0205421719 0.022091230 -0.195397632 0.1890471550
## GSM1368288 -0.3132962634 -0.402926014 0.237512380 0.1645327276
## GSM1368289 0.0932259818 -0.002604095 -0.199804668 -0.0016721905
## GSM1368290 -0.1924779337 0.070489729 0.063179432 -0.0263922597
## GSM1368291 0.0873356625 -0.111781493 0.139732410 0.0227490088
## GSM1368292 -0.1701518158 -0.094085286 0.040809903 0.0505912223
## GSM1368293 0.0188456409 0.026582514 -0.041620082 0.0002925193
## GSM1368294 0.0540177914 -0.134476158 -0.234800519 0.0446042541
## GSM1368295 -0.0943999146 0.136471518 -0.198849410 -0.2054039674
## GSM1368296 0.0602363558 0.095756335 -0.071334755 -0.4293951882
## GSM1368297 0.3701481078 -0.083419069 0.089874465 0.0084265524
## GSM1368298 0.0794005124 0.038736110 -0.099438582 -0.0204691021
## GSM1368299 -0.0927128691 -0.092115279 0.044001383 0.0756112284
## GSM1368300 -0.2475959926 -0.042600960 -0.268302194 -0.0627494257
## GSM1368301 0.4244737303 -0.139311628 0.121550336 0.1692540686
## GSM1368302 0.0542520849 -0.092974521 -0.071603978 0.0416678865
## GSM1368303 0.0702410660 0.291302273 0.313810362 -0.2023401196
## GSM1368304 0.2247253772 -0.029559237 -0.161423855 0.0629943576
## GSM1368305 0.0990403053 0.168698978 -0.170634264 0.0343889971
## GSM1368306 0.0674600682 0.410086279 0.292434130 0.2125610160
## GSM1368307 0.2020093299 -0.131391008 -0.133202953 0.2178203956
## GSM1368308 -0.1212371615 0.214772215 -0.053164000 0.1840685406
##          [,18]      [,19]      [,20]      [,21]
## GSM1368273 -0.110440514 -0.194841870 0.0433208072 0.070808595
## GSM1368274 0.253845070 -0.078902565 0.0235337338 -0.198000471
## GSM1368275 -0.125563354 -0.081226804 0.2942724591 -0.041341952
## GSM1368276 0.068495336 -0.034094005 -0.0709079732 0.209758238
## GSM1368277 0.033690942 0.142292843 0.1761341609 -0.077037699
## GSM1368278 -0.121443267 0.063219371 0.0294927107 0.054410226
## GSM1368279 -0.133907584 -0.092605747 0.0051375552 -0.347348482
## GSM1368280 0.190377269 -0.028254163 0.2845962323 -0.078458771
## GSM1368281 0.114836492 -0.139183187 0.0036153716 0.502592284
## GSM1368282 0.119692245 0.274452133 -0.1302367566 0.006141504
## GSM1368283 -0.002723121 0.041961629 0.0278917034 0.104827602
## GSM1368284 -0.087588718 -0.222119382 0.1368994834 0.056736092
## GSM1368285 0.166656583 -0.053284666 0.2822708784 -0.037102025
## GSM1368286 -0.278823431 -0.022432741 -0.1523776229 0.104128066
## GSM1368287 0.006078265 -0.058271480 0.1314720942 0.141209999
## GSM1368288 -0.080158082 0.233908671 0.1139034491 -0.188085427
## GSM1368289 0.141858675 0.254079264 -0.1527051812 -0.279733744
## GSM1368290 -0.210097815 -0.083803036 -0.1423312565 -0.060937985
## GSM1368291 0.463286818 -0.006659328 -0.2987562669 0.120842981
## GSM1368292 0.176390487 -0.146723765 -0.2794529849 -0.177317497
## GSM1368293 -0.019880241 0.277926246 0.0607808447 0.106883945
## GSM1368294 -0.050364626 -0.447638658 0.1791594717 -0.132600838
## GSM1368295 -0.020049615 -0.059209685 -0.1466278629 -0.179637024

```

##	GSM1368296	-0.217879099	0.084272288	-0.0008604769	-0.189004552
##	GSM1368297	0.119969817	0.067198504	-0.0620535275	0.026403317
##	GSM1368298	-0.177314094	0.161452673	0.0454485223	0.170377362
##	GSM1368299	0.005333086	0.029539124	-0.1718248372	-0.104540776
##	GSM1368300	0.031746998	0.189848442	0.0607175035	-0.008609427
##	GSM1368301	-0.236466042	0.020726612	0.0769538477	-0.195754108
##	GSM1368302	-0.045524194	-0.210326996	-0.2443141024	0.053676854
##	GSM1368303	-0.050537947	-0.177039455	-0.2733305563	0.071747768
##	GSM1368304	0.042061396	-0.286680502	-0.0586865333	0.026230798
##	GSM1368305	0.325976737	0.059216556	0.3520620760	0.090898796
##	GSM1368306	-0.047292111	0.115654287	0.1140130665	0.156435435
##	GSM1368307	-0.318785011	0.213294225	-0.0950939263	0.297749756
##	GSM1368308	0.074542650	0.194255167	-0.1621161070	-0.076348842
##		[,22]	[,23]	[,24]	[,25]
##	GSM1368273	0.124664215	0.098717170	-0.176195301	-0.075025663
##	GSM1368274	-0.181801135	0.082000111	-0.028851163	-0.135299644
##	GSM1368275	0.112111428	-0.141568515	0.135410908	0.137912154
##	GSM1368276	-0.071779436	-0.070844010	0.036978636	-0.040575965
##	GSM1368277	0.268868323	0.302987129	0.218754407	-0.187608421
##	GSM1368278	0.033415758	-0.006096304	-0.269163753	0.003416766
##	GSM1368279	0.086347170	0.004903228	0.025095344	-0.016245232
##	GSM1368280	-0.205207462	0.127657948	0.338059542	-0.315055257
##	GSM1368281	-0.009343828	0.119975133	-0.191193236	-0.095600011
##	GSM1368282	0.064481346	-0.359430907	0.076679263	-0.054419805
##	GSM1368283	-0.057003730	0.145416022	0.111747468	-0.003427612
##	GSM1368284	0.104282738	-0.276794039	-0.346940198	-0.136014957
##	GSM1368285	0.035153912	-0.262740163	-0.203556661	0.199566428
##	GSM1368286	-0.482790684	0.151772195	-0.056411517	0.069985110
##	GSM1368287	0.320915131	0.043135736	-0.085521901	0.090848035
##	GSM1368288	0.129020541	-0.243491537	-0.020049389	-0.010048580
##	GSM1368289	0.040907179	0.117049818	-0.129363061	0.133952486
##	GSM1368290	-0.005392166	-0.015700257	0.124775997	0.034427473
##	GSM1368291	0.254992454	0.075227333	0.007933892	0.276110405
##	GSM1368292	-0.246457662	-0.049225846	-0.094185436	0.045402800
##	GSM1368293	0.105568211	-0.024510622	0.050711463	-0.142898943
##	GSM1368294	-0.047771163	0.068050834	0.054031227	0.189903557
##	GSM1368295	-0.080600247	-0.157531014	0.153164277	-0.144107120
##	GSM1368296	0.017148956	0.027361030	-0.003859360	0.057947619
##	GSM1368297	-0.137964776	-0.318671736	-0.056770741	-0.094468794
##	GSM1368298	0.028799535	-0.155463011	0.260974199	0.466126987
##	GSM1368299	0.192499715	0.277927768	-0.268707124	0.035533731
##	GSM1368300	0.010168273	0.170526184	0.043757013	-0.089242381
##	GSM1368301	-0.088823059	0.142361549	-0.262207448	0.025893987
##	GSM1368302	-0.083319844	-0.092176417	0.294990567	0.265430795
##	GSM1368303	0.167410665	0.045296557	0.004353513	-0.271081088
##	GSM1368304	0.206109622	-0.087149661	0.297379593	-0.225778194
##	GSM1368305	-0.354444435	-0.020136070	-0.089397747	0.047404734
##	GSM1368306	-0.048395089	0.345992921	0.110493989	0.247715390
##	GSM1368307	-0.098148425	-0.104012786	0.010505996	-0.250392058
##	GSM1368308	-0.103622032	0.039184229	-0.073423255	-0.040288734
##		[,27]	[,28]	[,29]	[,30]
##	GSM1368273	-0.0367905353	-0.215310743	-0.106742350	-1.498447e-02
##	GSM1368274	0.5062648044	-0.016682586	0.110641970	-2.324086e-01
##	GSM1368275	0.0009115015	0.083594840	0.399592236	-2.300604e-02

```

## GSM1368276 0.0839421206 -0.004723982 0.061409599 -2.859171e-02
## GSM1368277 0.2654763242 0.168004268 -0.421400621 -1.776335e-02
## GSM1368278 -0.1139196969 0.302846248 -0.016593493 3.952098e-01
## GSM1368279 -0.1879605324 0.025065939 0.064997957 2.106472e-02
## GSM1368280 -0.1073289988 -0.008261361 0.062865232 9.705965e-02
## GSM1368281 -0.0594308608 0.041005779 0.003122685 -1.332066e-01
## GSM1368282 -0.1909047105 -0.038292024 -0.156554839 -5.570940e-02
## GSM1368283 0.0300855178 -0.188287576 -0.006707865 3.526250e-02
## GSM1368284 0.0579100186 0.020387289 -0.236274877 -1.121426e-05
## GSM1368285 0.2168625739 0.259582870 -0.006735988 -1.534599e-01
## GSM1368286 0.0267736937 0.006483922 -0.011459972 9.376345e-02
## GSM1368287 0.0233471383 -0.240863215 0.152345132 -2.081814e-01
## GSM1368288 -0.0431487837 0.027416889 -0.025903870 1.077073e-01
## GSM1368289 -0.0711089006 0.041032991 0.015743066 1.855869e-02
## GSM1368290 -0.0048190827 -0.359748800 -0.242881106 1.860571e-01
## GSM1368291 -0.1504723915 -0.107243805 0.205841021 1.906576e-01
## GSM1368292 -0.1731237733 0.195857452 -0.274803799 -3.071501e-01
## GSM1368293 -0.0146070984 -0.014496398 -0.151584920 2.568290e-01
## GSM1368294 -0.0825347495 -0.139070194 -0.024736790 2.167341e-01
## GSM1368295 0.0931605135 0.197292235 0.307113856 9.550010e-02
## GSM1368296 -0.2510170039 -0.298521062 0.032725354 -5.029868e-01
## GSM1368297 0.0337299820 -0.127098764 -0.151597459 -3.824655e-02
## GSM1368298 0.3179016577 -0.079983681 -0.084993928 -1.801551e-02
## GSM1368299 0.0235084942 0.154271034 0.123475062 5.621061e-02
## GSM1368300 -0.0526959518 -0.042265351 0.236040053 -9.337684e-02
## GSM1368301 0.0368819670 0.024465207 0.055721579 8.479261e-02
## GSM1368302 0.0926310413 0.217119504 -0.030928631 6.447627e-02
## GSM1368303 0.2702873009 -0.083108492 0.055199836 4.504801e-02
## GSM1368304 -0.2876610057 0.156676611 -0.055614266 -5.739386e-02
## GSM1368305 -0.1919359054 -0.177780797 0.015443794 1.619454e-01
## GSM1368306 -0.1693271678 0.308408840 -0.195944186 -2.016247e-01
## GSM1368307 -0.0708593139 0.148529098 0.275248876 -1.426939e-01
## GSM1368308 0.1799718130 -0.236302183 0.023931653 1.019340e-01
##      [,31]      [,32]      [,33]      [,34]
## GSM1368273 -0.170713955 -0.009016366 -0.049825595 -0.110243032
## GSM1368274 0.321378462 -0.012143950 -0.339927057 0.140392033
## GSM1368275 -0.209900576 0.020696881 -0.002314382 -0.114818071
## GSM1368276 -0.002182690 -0.004407375 -0.008595859 -0.003917457
## GSM1368277 -0.131835178 0.010244528 0.217848116 0.054869731
## GSM1368278 0.360782704 -0.089176800 0.012311677 -0.237191252
## GSM1368279 0.017794291 -0.046012500 0.123540768 0.073577750
## GSM1368280 0.097450275 0.117243489 0.264402165 -0.140408217
## GSM1368281 -0.132466045 -0.019909940 -0.235709020 0.068764242
## GSM1368282 -0.303589121 -0.372635045 -0.248187081 0.058513983
## GSM1368283 0.090903534 -0.076327934 -0.059644022 -0.104253243
## GSM1368284 0.096383989 0.377046868 0.065139181 0.157887792
## GSM1368285 -0.264538621 0.103821392 0.172035812 -0.043512430
## GSM1368286 -0.047047793 0.113847983 0.103233131 0.292538923
## GSM1368287 0.170581207 -0.464673663 0.377957331 0.063810821
## GSM1368288 0.357674570 -0.001646247 -0.175842759 0.014651806
## GSM1368289 -0.006261429 0.096053465 -0.155717284 -0.001103748
## GSM1368290 -0.072007476 -0.035587725 0.045722573 0.168416354
## GSM1368291 0.095358472 0.337354848 0.234289781 0.195886476
## GSM1368292 0.120896345 -0.202446543 0.195923385 -0.286583029

```

```

## GSM1368293 0.042257396 -0.021955254 -0.025229855 0.148305764
## GSM1368294 -0.017657754 -0.133918264 -0.242627520 -0.192778742
## GSM1368295 -0.225181241 -0.141138195 0.026042926 0.377915093
## GSM1368296 0.136601980 0.234419345 -0.019821643 0.068844831
## GSM1368297 0.002425757 0.022028626 0.176492533 0.050543783
## GSM1368298 0.114526006 0.112047778 -0.160359303 -0.102758778
## GSM1368299 -0.097912115 -0.089570744 -0.170404817 -0.028116381
## GSM1368300 0.004162137 0.047059383 -0.038378730 -0.063103881
## GSM1368301 -0.194541843 -0.012133647 0.085362185 0.130410010
## GSM1368302 0.083083909 -0.076449292 0.145269583 -0.059852463
## GSM1368303 0.091274244 -0.147241442 -0.023527294 -0.063844803
## GSM1368304 -0.042996139 0.265323226 -0.293717888 -0.035214064
## GSM1368305 0.019423440 -0.143930830 -0.068416646 0.102051788
## GSM1368306 -0.043326351 -0.021330497 -0.088283968 0.129728032
## GSM1368307 0.087941034 0.053387385 0.111429179 -0.186508869
## GSM1368308 -0.348741427 0.211077059 0.049530397 -0.522900752
##      [,35]
## GSM1368273 -0.089538659
## GSM1368274 0.050924448
## GSM1368275 -0.004357214
## GSM1368276 0.057713014
## GSM1368277 0.019338409
## GSM1368278 -0.117133403
## GSM1368279 0.031710085
## GSM1368280 0.086818878
## GSM1368281 0.036653883
## GSM1368282 0.026050639
## GSM1368283 -0.041907814
## GSM1368284 0.035420421
## GSM1368285 0.162580816
## GSM1368286 -0.351422313
## GSM1368287 -0.286231594
## GSM1368288 -0.185328566
## GSM1368289 0.162383706
## GSM1368290 0.441263340
## GSM1368291 0.093810514
## GSM1368292 0.051430003
## GSM1368293 0.019374231
## GSM1368294 0.177343138
## GSM1368295 -0.127806422
## GSM1368296 -0.024306714
## GSM1368297 -0.124677991
## GSM1368298 -0.035237286
## GSM1368299 0.063702935
## GSM1368300 0.021842375
## GSM1368301 0.014613290
## GSM1368302 -0.007882300
## GSM1368303 0.040637340
## GSM1368304 -0.310779486
## GSM1368305 0.025894244
## GSM1368306 -0.038463873
## GSM1368307 0.437630326
## GSM1368308 -0.312062399
##

```

## \$pca\$u		[,1]	[,2]	[,3]	[,4]
## SPAC212.11	-1.848483e-06	-5.317615e-06	-1.383103e-05	-1.018824e-05	
## SPAC212.09c	-1.180505e-05	1.132686e-05	-7.141234e-06	-8.744924e-05	
## SPNCRNA.70	-6.052087e-08	-1.984346e-07	-9.635501e-08	-1.122247e-06	
## SPAC212.12	-1.248160e-07	1.308152e-06	-2.312010e-06	-1.215163e-05	
## SPAC212.04c	-3.628334e-06	6.731439e-05	-1.035919e-05	-1.559407e-04	
## SPAC212.03	3.414874e-08	3.150812e-07	-9.080358e-07	-1.902295e-07	
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	
## SPAC212.01c	2.511973e-07	4.451573e-06	4.533723e-06	1.632517e-05	
## SPAC977.03	2.426205e-08	-9.294071e-10	1.664360e-07	3.587334e-07	
## SPAC977.04	4.653597e-08	-2.840451e-07	-5.099590e-07	3.592321e-06	
## SPAC977.05c	7.777057e-08	2.142746e-07	-1.638110e-08	1.675448e-06	
## SPNCRNA.136	-3.463978e-09	2.883099e-07	-2.878058e-07	5.262316e-07	
## SPNCRNA.601	-4.892004e-07	1.576206e-05	-2.777584e-05	4.107552e-05	
## SPAC977.07c	1.966545e-08	6.633629e-07	-2.025099e-06	5.475537e-07	
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	
## SPAC977.11	-1.113651e-05	9.088401e-05	-1.555274e-04	2.217876e-04	
## SPAC977.13c	-1.429950e-05	6.713421e-05	7.760535e-05	-8.600697e-04	
## SPAC977.15	-1.083555e-05	5.178180e-05	-1.118974e-04	-1.193351e-04	
## SPAC977.16c	-1.706869e-05	8.137651e-05	-2.843991e-04	-3.044859e-05	
## SPNCRNA.37	5.179698e-08	8.921823e-07	-7.327254e-07	4.290425e-06	
## SPAPJ695.01c	-1.167732e-07	1.969690e-06	2.104036e-06	-2.164404e-05	
## SPNCRNA.76	-2.866835e-07	2.806752e-06	-1.609104e-05	1.097562e-05	
## SPNCRNA.603	-7.001583e-08	3.314573e-06	-8.071224e-07	-3.963337e-05	
## SPNCRNA.607	-1.882557e-05	1.001702e-04	1.106674e-04	-6.206344e-04	
## SPAC1F8.06	1.815742e-06	5.447205e-05	-1.706934e-05	6.535409e-04	
## SPAC1F8.08	-2.198197e-06	1.066716e-04	-1.469935e-04	4.524373e-04	
## SPAC11D3.19	-3.458747e-06	2.414580e-05	-4.872186e-05	-7.054447e-06	
## SPAC11D3.01c	-6.411430e-05	3.723277e-04	7.109192e-04	7.559994e-04	
## SPNCRNA.608	-5.824005e-06	8.290090e-05	-8.382798e-05	1.332713e-04	
## SPAC11D3.02c	-2.006416e-05	8.396272e-04	-1.818668e-03	2.705537e-03	
## SPAC11D3.03c	-4.500856e-06	2.980225e-05	2.968012e-05	2.599829e-05	
## SPAC11D3.05	-7.853819e-05	3.980401e-04	1.508953e-04	-4.608031e-03	
## SPAC11D3.07c	-6.547342e-05	3.792912e-04	-1.287208e-04	-9.475955e-04	
## SPAC11D3.08c	-5.772002e-05	2.885799e-04	-3.552890e-04	-1.656258e-03	
## SPAC11D3.11c	-2.407651e-05	1.268608e-04	-1.274048e-04	1.811918e-04	
## SPAC11D3.14c	-1.811892e-05	1.641627e-04	-3.167964e-04	6.793821e-04	
## SPNCRNA.609	-1.029244e-05	1.108555e-04	1.742660e-05	2.243098e-04	
## SPNCRNA.147	-3.721039e-08	1.475242e-06	3.243104e-06	9.273652e-07	
## SPNCRNA.610	2.989899e-07	4.069402e-06	2.865635e-06	-9.894850e-06	
## SPAC11D3.16c	-2.295325e-05	2.295930e-04	1.984153e-05	-1.069995e-03	
## SPAC11D3.18c	-1.155075e-06	4.043623e-05	-1.654842e-05	5.142983e-05	
## SPNCRNA.612	-4.427280e-06	3.170845e-05	-2.534240e-05	1.300958e-04	
## SPAC5H10.01	-4.415281e-06	1.598817e-05	-6.049174e-05	9.681395e-05	
## SPAC5H10.03	-4.074247e-04	3.799040e-03	-4.271491e-03	-3.924672e-03	
## SPAC5H10.04	-1.204884e-05	8.426705e-05	-5.142988e-05	-9.449194e-05	
## SPAC5H10.06c	5.468581e-06	3.340302e-04	-7.425366e-04	2.788338e-03	
## SPAC5H10.08c	-2.446137e-05	4.766489e-04	-2.737889e-04	8.547666e-04	
## SPAC5H10.09c	-1.509537e-05	1.486746e-04	-1.349682e-04	3.223878e-04	
## SPAC5H10.10	-3.391132e-05	4.707267e-04	-8.028227e-04	-9.076184e-05	
## SPAC5H10.11	-2.409218e-06	9.105071e-06	-3.001043e-06	-1.002077e-04	
## SPAC5H10.12c	-2.242279e-05	5.332442e-04	-2.740966e-04	1.716685e-03	

## SPAC5H10.13c	-2.024495e-05	4.691195e-04	-6.681385e-04	2.516932e-03
## SPNCRNA.617	-6.177623e-07	4.029073e-05	-2.253221e-05	1.379120e-04
## SPAC13G6.01c	-1.149343e-04	1.594653e-03	-1.299225e-03	7.775962e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	-1.275076e-05	5.600008e-04	-3.313855e-04	3.601810e-03
## SPNCRNA.618	2.143292e-06	2.247076e-05	7.151421e-06	1.562409e-05
## SPNCRNA.620	-1.123852e-06	4.928026e-06	2.525391e-06	-7.748200e-05
## SPAC13G6.14	-4.630201e-05	5.714439e-04	-5.754079e-04	3.843369e-05
## SPAC13G6.15c	-2.155408e-05	2.996079e-04	-5.089606e-05	1.988474e-04
## SPNCRNA.621	-1.809175e-06	6.051249e-05	-1.339951e-05	1.568197e-04
## SPAC24B11.05	-4.367042e-05	3.726578e-04	-1.210732e-04	-2.190075e-03
## SPAC24B11.08c	-1.828748e-05	9.801661e-05	-1.318018e-04	8.920041e-04
## SPNCRNA.142	-1.344211e-07	-1.623487e-08	6.170549e-07	1.487799e-06
## SPAC24B11.09	-2.425481e-05	1.703758e-04	-3.164886e-04	8.848377e-04
## SPAC24B11.11c	-6.844524e-05	8.850798e-04	-5.330854e-05	1.755845e-03
## SPAC24B11.12c	-3.581186e-04	2.139093e-03	-1.239828e-03	-8.423673e-03
## SPNCRNA.624	-6.637076e-06	8.996775e-05	-8.518284e-05	3.127898e-04
## SPAC806.02c	-4.693945e-05	1.175156e-03	-3.394907e-04	4.153723e-03
## SPNCRNA.625	-3.791628e-06	2.657941e-05	-2.991140e-05	-5.775796e-05
## SPAC806.11	-2.534339e-06	6.238264e-06	-9.865354e-07	-6.641503e-06
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-6.169952e-06	4.284239e-05	-6.756184e-05	-5.528457e-05
## SPNCRNA.627	3.005616e-07	3.122726e-06	-5.842486e-06	5.786926e-06
## SPNCRNA.628	-6.980175e-08	3.397857e-06	-1.195124e-05	1.002121e-06
## SPAC806.06c	-5.529717e-05	6.978500e-04	-5.489221e-04	9.048084e-04
## SPAC806.07	-1.048996e-04	1.171491e-03	4.447020e-04	-3.723285e-04
## SPNCRNA.630	-1.461930e-06	2.503835e-05	-8.473664e-05	3.029930e-05
## SPAC1F5.11c	-1.075294e-04	1.663222e-03	-2.154947e-03	1.197154e-02
## SPNCRNA.632	4.628306e-07	4.784616e-06	-4.594705e-06	8.983120e-06
## SPNCRNA.633	-7.430568e-07	6.782497e-06	-1.513467e-05	-7.373785e-05
## SPAC1F5.07c	-4.627739e-05	7.711843e-04	-3.230845e-04	1.777971e-03
## SPAC1F5.04c	-2.934554e-05	1.771198e-04	-3.877417e-04	2.209462e-03
## SPAC1F5.02	-6.564001e-04	6.764605e-03	-3.160670e-03	1.757248e-03
## SPNCRNA.148	-1.467490e-07	1.659107e-06	3.408092e-06	9.652010e-06
## SPAC18B11.10	-4.668725e-05	9.338642e-04	-5.774366e-04	1.957340e-03
## SPNCRNA.27	1.088838e-08	-1.604466e-07	-3.687745e-07	-1.385095e-06
## SPNCRNA.635	2.188454e-07	3.297049e-06	-4.455885e-06	1.318745e-05
## SPAC18B11.09c	-2.014677e-05	2.366705e-04	-6.176443e-05	-2.239349e-04
## SPAC18B11.08c	-8.167396e-07	1.032184e-04	-1.689994e-04	6.140574e-04
## SPAC18B11.07c	-3.179648e-05	4.259586e-04	-2.384297e-04	7.810802e-04
## SPAC18B11.04	-2.011332e-05	1.732785e-04	-5.038769e-05	-3.780503e-04
## SPNCRNA.636	-7.776429e-06	1.869428e-04	-1.393323e-04	3.832587e-04
## SPAC18B11.02c	-3.224646e-05	3.994669e-04	-8.203290e-04	2.332035e-03
## SPAC12G12.15	-1.235260e-05	7.434831e-05	-7.051796e-05	3.462674e-04
## SPNCRNA.637	-1.075368e-06	1.550199e-05	-7.889157e-06	1.026579e-04
## SPAC12G12.14c	-1.391152e-05	2.010875e-04	-1.230890e-04	7.026897e-04
## SPNCRNA.638	3.253139e-08	1.607399e-06	6.849692e-07	7.926429e-06
## SPAC12G12.10	-3.224936e-05	7.160703e-04	-3.326700e-04	2.057128e-03
## SPAC12G12.09	-4.045591e-05	7.067180e-04	-1.765717e-04	2.094854e-03
## SPAC12G12.06c	-5.301040e-05	1.313067e-03	-1.408111e-03	5.882385e-03
## SPNCRNA.639	-1.319988e-07	1.531534e-06	4.128575e-06	-9.414236e-06
## SPAC12G12.03	-1.026280e-04	8.100529e-04	-8.496301e-04	2.531451e-03
## SPAC630.05	-5.975708e-05	5.744117e-04	1.410286e-04	-1.030614e-03
## SPAC630.15	-3.285748e-08	5.017336e-05	-1.063203e-04	-4.131800e-05

## SPATRNAPRO.01	1.327475e-06	4.218517e-04	6.259238e-04	3.158419e-04
## SPAC630.11	-3.380018e-05	5.632038e-04	4.101887e-05	6.926441e-04
## SPAC630.12	-3.593414e-05	4.735906e-04	-2.574300e-04	1.535072e-03
## SPAC630.13c	-5.247275e-05	7.495498e-04	-4.570981e-04	4.616570e-03
## SPAC630.14c	-7.383441e-05	5.974233e-04	-3.008621e-04	1.391865e-03
## SPAC1751.01c	-2.402881e-05	9.407423e-05	-1.883615e-05	-2.820513e-04
## SPAC1751.04	7.771797e-06	1.306535e-04	-1.427411e-04	1.114126e-03
## SPAC1751.02c	-3.526388e-05	4.877917e-04	-6.457544e-05	5.391722e-04
## SPAC31A2.02	-2.490350e-05	3.493245e-04	-7.167532e-04	1.643229e-03
## SPNCRNA.643	-1.506371e-06	1.323227e-05	-5.476480e-06	2.195425e-05
## SPAC31A2.03	-3.346304e-05	6.601331e-04	-3.675961e-04	1.302243e-03
## SPAC31A2.04c	-1.037171e-04	7.689451e-04	-6.092032e-05	-1.275141e-03
## SPAC31A2.06	-6.177802e-05	7.095558e-04	-4.622741e-04	1.048662e-03
## SPAC31A2.07c	-1.890074e-05	9.869900e-04	-1.110176e-03	7.454171e-03
## SPAC31A2.09c	-4.000697e-05	4.105392e-04	-3.379859e-04	-5.509253e-05
## SPAC31A2.11c	-2.342154e-05	2.706001e-04	-7.285124e-05	1.531746e-04
## SPAC31A2.12	-1.069286e-04	3.860633e-04	1.932318e-04	-4.207057e-03
## SPAC31A2.13c	-1.877589e-05	1.968163e-04	-4.100235e-05	1.220182e-04
## SPAC31A2.14	-4.105771e-05	2.884496e-04	-2.148582e-04	1.493871e-03
## SPAC31A2.16	-4.359213e-06	4.400010e-04	-5.692756e-04	3.194275e-03
## SPAC13C5.01c	-1.601618e-04	1.276643e-03	-5.884735e-04	-3.991651e-03
## SPNCRNA.644	-5.193562e-07	3.905834e-06	-1.796256e-06	3.509173e-05
## SPAC13C5.04	-2.666029e-04	1.263377e-03	1.456146e-03	-1.440321e-02
## SPNCRNA.645	1.712632e-07	4.181676e-05	-1.052555e-04	3.138618e-04
## SPAC13C5.05c	-4.228874e-05	5.441898e-04	-6.048660e-05	6.704477e-04
## SPAC13C5.06c	-4.421968e-05	2.623518e-04	6.877838e-05	-1.357009e-03
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	1.866764e-04	6.778928e-03	1.932567e-02	1.285504e-03
## SPAC23E2.02	-3.815525e-05	4.048970e-04	-2.299852e-04	1.075004e-03
## SPRRNA.11	-3.102667e-04	4.538164e-03	4.469145e-03	-8.698975e-04
## SPAC24H6.12c	-1.026318e-04	5.960033e-04	1.112307e-04	-2.488224e-03
## SPAC24H6.11c	-7.359620e-05	1.718806e-04	-1.473220e-05	-3.166740e-04
## SPNCRNA.652	-1.372572e-06	7.185053e-05	-1.437350e-04	3.070865e-04
## SPAC24H6.09	-8.846998e-05	6.050905e-04	-1.825401e-04	-1.195708e-03
## SPAC24H6.07	-6.579305e-04	6.632829e-03	-6.294775e-03	2.381071e-02
## SPAC24H6.06	-4.371388e-05	3.276492e-04	-9.483836e-05	-6.166300e-04
## SPAC24H6.04	-5.525868e-04	5.438601e-03	-2.784925e-03	6.196874e-03
## SPNCRNA.653	-4.456155e-07	-1.180123e-07	3.835118e-07	1.784783e-05
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	-1.146687e-05	1.611743e-04	-1.109494e-05	3.550615e-04
## SPNCRNA.654	-7.667754e-07	1.822540e-06	-1.592958e-06	8.104646e-06
## SPAC24H6.01c	-6.121074e-06	2.060877e-04	-1.458732e-04	9.934234e-04
## SPAC227.19c	-2.598922e-06	7.100921e-05	-3.506250e-05	2.545799e-04
## SPNCRNA.655	-2.141946e-06	9.695848e-05	-2.102341e-04	4.177821e-04
## SPAC227.05	-3.604717e-05	4.252558e-04	4.117650e-05	-1.149344e-04
## SPAC227.06	-3.097992e-05	2.310498e-04	-1.097457e-04	-3.775998e-04
## SPAC227.07c	-1.102331e-04	1.010187e-03	-3.688318e-04	-4.620150e-04
## SPNCRNA.657	-2.529248e-05	1.503196e-04	1.094932e-04	-8.897999e-04
## SPAC227.08c	-1.139758e-05	1.387850e-04	-5.951166e-07	1.680141e-04
## SPAC227.09	-1.810814e-05	5.446775e-05	-2.302753e-04	5.432767e-04
## SPAC227.10	-3.014319e-05	4.468932e-04	-1.961837e-04	1.076990e-03
## SPAC227.11c	-2.444584e-05	2.487270e-04	-8.681304e-05	6.398586e-04
## SPAC227.12	-2.693540e-05	4.046091e-04	-7.698296e-05	1.421836e-03
## SPAC227.13c	-6.461187e-05	7.994518e-05	2.814128e-05	-4.595942e-05

## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	-1.596392e-05	1.302506e-04	-1.463740e-06	6.942801e-04
## SPAC2F7.04	-6.079803e-06	1.014815e-04	-2.468537e-04	1.521652e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	-2.945660e-07	5.727345e-06	-1.762552e-05	1.542825e-05
## SPNCRNA.661	-4.785047e-06	3.087286e-05	-6.662522e-05	1.425215e-04
## SPAC2F7.13c	-1.355953e-04	1.841887e-03	-2.059703e-03	4.882167e-03
## SPAC2F7.15	-1.330141e-05	4.066188e-04	-1.454287e-04	1.681198e-03
## SPAC13A11.01c	-9.096377e-05	8.396981e-04	-2.478819e-04	8.153045e-04
## SPAC13A11.03	-2.567220e-04	2.007606e-03	1.155329e-03	9.643746e-04
## SPAC13A11.04c	-8.818709e-06	4.933323e-04	-1.628655e-04	1.713930e-03
## SPAC13A11.05	-1.822204e-04	1.846438e-03	-1.162707e-03	6.776623e-04
## SPAC3H8.02	-7.571244e-05	6.659314e-04	-8.501386e-04	3.206440e-03
## SPAC3H8.03	-1.062698e-05	1.142833e-04	-5.405954e-05	6.210813e-04
## SPNCRNA.663	-1.325302e-06	1.702222e-05	-9.084652e-06	2.412791e-05
## SPAC3H8.04	-1.001982e-04	7.289132e-04	1.125986e-04	-2.268503e-03
## SPNCRNA.156	2.783980e-07	2.960486e-06	1.289077e-06	1.120953e-05
## SPAC3H8.08c	-3.215435e-05	3.133139e-04	-7.793726e-05	-2.060114e-04
## SPNCRNA.667	-4.980540e-06	2.844422e-05	-3.259814e-05	4.035910e-05
## SPAC3H8.10	-9.305234e-05	1.009375e-03	-1.142154e-03	1.575748e-03
## SPAC1F3.01	-7.112135e-06	6.589085e-04	-8.397992e-04	4.793123e-03
## SPAC1F3.02c	-8.407739e-05	3.815424e-04	-1.416354e-04	-1.594177e-03
## SPAC1F3.03	-4.936248e-05	2.929744e-04	-5.700108e-05	-3.423009e-04
## SPAC1F3.04c	-2.896267e-05	4.333930e-04	-1.099319e-04	1.462631e-03
## SPAC1F3.05	-2.274795e-05	1.398196e-04	-1.415314e-04	1.373214e-03
## SPAC1F3.06c	-8.732671e-05	2.108852e-03	-3.615721e-03	1.195807e-02
## SPAC1D4.01	-1.016367e-05	1.123425e-04	-1.161920e-04	4.032366e-04
## SPAC1D4.02c	-4.127347e-05	3.282797e-04	1.179276e-05	-6.432217e-04
## SPAC1D4.03c	-6.565257e-06	9.365020e-05	2.148444e-05	3.986037e-05
## SPNCRNA.670	-3.050045e-06	4.386760e-05	-1.866587e-05	8.259203e-05
## SPAC1D4.05c	-2.726267e-05	2.862196e-04	-1.903742e-04	6.318417e-04
## SPAC1D4.07c	-1.922381e-06	5.212994e-06	3.948835e-06	4.555449e-05
## SPAC1D4.10	-4.678684e-05	4.029910e-04	-3.504997e-04	1.373653e-03
## SPNCRNA.671	-7.180582e-06	6.056009e-05	-9.296801e-05	2.013073e-04
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	-4.808507e-05	5.614880e-04	-2.757461e-04	1.125878e-03
## SPAC1D4.14	-9.204553e-05	1.432370e-03	-1.210999e-03	5.219974e-03
## SPAC22F3.13	-5.429549e-05	3.305170e-04	-3.808102e-04	8.528266e-04
## SPNCRNA.675	8.829592e-07	2.325170e-05	4.122150e-06	1.221775e-04
## SPNCRNA.158	7.439235e-08	1.397763e-06	-3.567916e-06	1.085917e-05
## SPAC22F3.11c	-1.645712e-05	1.378858e-04	-3.480113e-05	-2.436130e-04
## SPAC22F3.10c	-1.745911e-04	1.672763e-03	-1.646832e-03	1.785151e-03
## SPAC22F3.08c	-2.551729e-05	5.357612e-04	-4.028054e-04	2.384589e-03
## SPAC22F3.07c	-6.183294e-05	7.843259e-04	-1.532606e-04	9.155864e-04
## SPAC22F3.05c	-2.315557e-05	5.537469e-04	-7.445846e-04	3.166813e-03
## SPNCRNA.676	1.880928e-07	1.074820e-06	5.254115e-07	4.323966e-06
## SPAC22F3.03c	-7.496019e-06	1.411403e-04	-1.388806e-04	3.882392e-04
## SPAC1296.03c	-7.557118e-06	3.250017e-05	-5.623814e-05	1.203141e-04
## SPAC1296.04	-1.108007e-05	1.351666e-04	-1.294298e-04	8.272524e-06
## SPAC1296.05c	-3.474592e-05	3.348087e-04	-1.881467e-04	1.114851e-03
## SPAPJ696.02	-1.347688e-04	1.595516e-03	-6.637989e-04	2.289997e-03

## SPAC22G7.01c	-1.310854e-04	1.532564e-03	-1.480433e-03	3.711691e-03
## SPNCRNA.677	-5.948007e-06	1.135089e-04	-1.043001e-04	3.903062e-04
## SPAC22G7.03	2.997308e-06	5.519304e-05	-1.116410e-05	3.163513e-04
## SPNCRNA.678	-1.446592e-06	1.135879e-05	-2.055045e-06	2.939733e-07
## SPAC22G7.05	-2.626401e-06	5.640548e-04	-1.251981e-03	4.359888e-03
## SPAC22G7.09c	-1.028873e-05	3.355896e-04	-2.474109e-04	3.134270e-03
## SPAC22G7.10	-3.531406e-05	4.274353e-04	-3.938968e-04	2.140759e-03
## SPAC4G8.02c	-7.184880e-05	1.411580e-03	2.232123e-04	1.584719e-03
## SPAC4G8.03c	-1.509785e-05	6.359871e-05	-1.408912e-04	-4.338056e-04
## SPAC4G8.06c	-2.343369e-05	2.863177e-04	-5.183535e-04	1.359044e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-9.462251e-06	5.750334e-05	-2.783793e-05	1.443110e-05
## SPAC4G8.11c	-6.663134e-06	1.180933e-04	-2.996446e-05	1.984066e-04
## SPAC4G8.12c	-3.773699e-06	9.083366e-05	-1.532131e-04	5.065400e-04
## SPAC4G8.13c	-4.836362e-05	3.826891e-04	-1.859240e-04	5.279177e-04
## SPAC16C9.05	-2.600257e-05	4.570197e-04	-1.832362e-04	6.830325e-04
## SPAC2G11.02	-4.634637e-05	1.178087e-03	-1.587350e-03	8.472603e-03
## SPAC2G11.03c	-2.150219e-05	1.043965e-04	-1.574176e-04	8.097617e-04
## SPAC2G11.06	-1.800024e-05	1.569238e-04	-1.639600e-04	7.770039e-04
## SPNCRNA.688	-1.175192e-05	8.724549e-05	-3.675678e-05	-1.544112e-04
## SPAC2G11.07c	-3.414133e-04	3.958270e-03	-3.142058e-03	4.465538e-03
## SPAC2G11.09	-1.130034e-04	6.854100e-04	-1.906236e-04	-1.402923e-03
## SPAC2G11.12	-2.451618e-05	3.906983e-04	-4.349543e-04	2.779279e-03
## SPNCRNA.691	4.453201e-08	5.464390e-06	-8.494459e-06	2.286827e-05
## SPNCRNA.692	-4.855713e-07	1.224115e-05	1.007037e-06	7.275359e-05
## SPAC521.02	-3.463493e-05	5.216087e-04	-6.650056e-05	8.675310e-04
## SPAC521.03	-2.841687e-04	2.385065e-03	1.245638e-03	-6.108166e-03
## SPAC521.05	-8.760840e-04	1.107775e-02	-5.215760e-03	3.921259e-02
## SPAC23G3.01	-3.700613e-04	3.828359e-03	-7.647269e-05	5.863725e-03
## SPNCRNA.694	7.279266e-07	3.208285e-06	1.553548e-05	-1.114352e-05
## SPAC23G3.04	-9.284982e-06	1.021330e-04	-6.905447e-05	3.673787e-04
## SPAC23G3.06	-3.434577e-04	5.019196e-03	-5.668709e-03	1.623410e-02
## SPAC23G3.07c	-2.405129e-06	1.069567e-04	-7.331082e-05	4.753105e-04
## SPAC23G3.08c	-5.386276e-05	4.453778e-04	-3.291243e-04	1.528232e-03
## SPAC23G3.10c	-4.437466e-05	6.060112e-04	-3.816949e-04	6.902458e-04
## SPAC22H12.01c	-7.924978e-05	5.462829e-04	2.892031e-04	-3.053484e-03
## SPAC22H12.02	-1.038942e-04	1.685259e-03	-3.020412e-04	3.410213e-03
## SPAC22H12.05c	-5.612981e-05	4.212729e-04	-9.111060e-05	-2.696270e-04
## SPAC1687.01	-1.857609e-05	4.760347e-04	-6.307062e-04	2.685160e-03
## SPAC1687.04	-7.045774e-06	1.156961e-04	-1.367572e-05	7.497454e-05
## SPAC1687.05	-3.179379e-05	2.837393e-04	-4.147138e-04	1.621343e-03
## SPAC1687.06c	-2.955875e-04	7.065832e-04	-4.385809e-04	1.119724e-02
## SPNCRNA.696	1.115850e-06	1.703632e-05	-2.192158e-05	9.450896e-05
## SPAC1687.11	-6.325225e-05	1.519038e-03	-2.539404e-03	1.116956e-02
## SPAC1687.12c	-4.681772e-05	5.634619e-04	-1.727557e-04	1.660511e-03
## SPAC1687.14c	-2.098941e-05	1.423243e-04	-9.303596e-06	-1.004570e-03
## SPAC1687.16c	-3.430567e-06	1.058613e-05	-1.592955e-05	3.476043e-04
## SPNCRNA.160	-6.661248e-08	7.149478e-07	-3.496786e-06	2.871739e-06
## SPATRNAALA.01	-2.441529e-06	1.292062e-04	7.512529e-05	7.948963e-05
## SPAC1687.17c	-1.457301e-05	1.798588e-04	-1.451152e-04	6.364567e-04
## SPAC1687.18c	-1.722013e-05	6.049857e-04	-5.001849e-04	2.312337e-03
## SPAC1687.19c	-2.453935e-05	6.567940e-04	-4.494225e-04	3.685901e-03
## SPAC1687.20c	-2.817140e-06	1.768378e-04	-9.552187e-05	1.033313e-03
## SPAC222.03c	-6.832716e-05	8.364820e-04	-1.163616e-04	8.090882e-04

## SPAC222.19	-6.512943e-06	7.348929e-05	-7.462573e-05	-2.243084e-04
## SPAC222.04c	-2.925410e-05	4.333463e-04	-9.048665e-05	7.138028e-04
## SPAC222.06	-2.310569e-05	4.919573e-04	-8.535040e-04	4.137223e-03
## SPAC222.07c	6.068790e-07	4.108394e-04	-2.360714e-04	2.125622e-03
## SPAC222.08c	-2.277904e-05	3.462578e-04	-4.316061e-04	1.431021e-03
## SPSNRNA.02	-2.183503e-03	3.688123e-02	3.116914e-02	3.214312e-02
## SPAC222.17	-9.890795e-06	1.838673e-04	-1.071088e-04	5.916535e-04
## SPNCRNA.701	4.150137e-07	1.452215e-05	2.328948e-05	5.885896e-05
## SPAC222.15	8.316723e-08	7.633778e-06	-2.407319e-05	5.860075e-05
## SPAC222.18	-4.653873e-06	1.799023e-04	-2.435137e-05	3.512967e-04
## SPAC222.16c	-9.199128e-06	1.300271e-04	-2.757145e-06	3.671187e-04
## SPAC821.05	-2.856515e-04	3.089718e-03	-2.071436e-03	5.147024e-03
## SPNCRNA.702	-3.482057e-07	4.216547e-06	-4.771286e-06	8.478455e-06
## SPAC821.06	-2.802149e-05	3.734839e-04	-2.309887e-04	7.758441e-04
## SPNCRNA.703	-9.604171e-06	7.605646e-05	-1.776472e-05	1.879442e-04
## SPAC821.08c	2.362589e-05	9.495573e-04	-2.808202e-04	1.098937e-02
## SPAC821.09	7.183215e-05	1.061401e-03	-4.349756e-03	3.759526e-02
## SPAC821.10c	-1.441577e-03	9.041688e-03	8.936702e-03	-1.900102e-02
## SPAC821.12	-1.165297e-04	7.909752e-04	-2.545032e-04	-1.123774e-03
## SPNCRNA.220	-2.111148e-07	1.902196e-06	3.147641e-08	5.425981e-06
## SPAC139.01c	-3.616599e-05	3.204271e-04	-4.183864e-04	1.904791e-03
## SPNCRNA.704	-2.420513e-06	2.420032e-05	-7.993893e-06	1.412381e-04
## SPAC139.02c	-6.312587e-06	6.094751e-04	-1.261706e-03	3.543696e-03
## SPAC23C4.03	-8.558876e-05	1.718871e-03	-1.446393e-03	7.394906e-03
## SPAC23C4.05c	-1.241361e-04	6.127013e-04	-2.851346e-04	-5.520344e-03
## SPAC23C4.06c	-4.308449e-05	4.371754e-04	-4.413625e-04	8.784492e-04
## SPAC23C4.09c	-3.412950e-05	4.552741e-04	-3.587905e-04	1.048799e-03
## SPAC23C4.10	-1.040690e-05	6.267078e-05	-6.023435e-05	2.606425e-04
## SPAC23C4.11	-4.785235e-05	6.828906e-04	4.286188e-04	1.723201e-04
## SPAC23C4.13	-3.059632e-05	2.297892e-04	-9.141304e-05	-3.428384e-05
## SPAC23C4.14	-4.543422e-06	1.180933e-04	-2.926999e-05	6.943623e-04
## SPAC23C4.15	-2.253480e-05	6.738647e-04	-1.058802e-03	4.418009e-03
## SPAC23C4.17	-1.227748e-05	4.103652e-04	-7.243304e-04	4.149067e-03
## SPAC23C4.18c	-1.563999e-05	2.535080e-04	-3.106301e-05	3.271490e-04
## SPAC1A6.01c	-1.912924e-05	2.345610e-04	-1.561535e-04	3.257164e-04
## SPAC1A6.02	-3.770733e-05	6.189186e-04	-5.060846e-04	2.680152e-03
## SPAC1A6.03c	-2.606043e-04	1.506801e-03	-5.510764e-05	-5.037325e-03
## SPAC1A6.04c	-3.421397e-04	1.189659e-03	1.393756e-04	1.534753e-02
## SPNCRNA.710	-1.872207e-06	1.705896e-05	-3.130474e-05	2.887239e-05
## SPAC1A6.06c	-1.763316e-07	3.617281e-05	3.190048e-06	1.693921e-05
## SPAC1A6.08c	2.266799e-07	3.213021e-05	-2.662865e-05	-2.789751e-06
## SPAC30D11.14c	-2.505518e-05	4.425122e-04	-1.926192e-04	2.246993e-03
## SPATRNASER.01	-1.623910e-05	1.097474e-03	1.239179e-03	1.415315e-03
## SPATRNAMET.01	-3.228756e-06	7.028078e-05	1.774857e-04	1.400692e-04
## SPNCRNA.711	-5.160914e-06	2.298103e-05	1.102942e-06	-9.362158e-05
## SPAC30D11.07	-4.451155e-06	5.238013e-05	-4.294963e-05	7.723353e-05
## SPAC30D11.06c	-6.377023e-06	2.853557e-04	-2.334159e-04	1.396673e-03
## SPAC30D11.05	-1.767840e-05	2.164043e-04	-2.464875e-04	1.104379e-03
## SPAC30D11.02c	-7.388768e-07	1.399204e-05	4.218746e-06	-3.069801e-05
## SPAC56F8.02	-1.103959e-04	8.428179e-04	-1.356221e-04	1.256396e-04
## SPAC56F8.04c	-4.057359e-05	3.977947e-04	-3.382696e-04	6.775214e-04
## SPAC56F8.06c	-1.123278e-05	7.962887e-05	-4.635258e-05	2.533314e-04
## SPAC56F8.09	9.853236e-06	3.626905e-04	-6.135854e-04	3.247702e-03
## SPNCRNA.716	-2.065966e-05	8.581175e-05	-2.028645e-04	2.934991e-05

## SPAC56F8.12	-5.075935e-07	3.734275e-06	1.896260e-06	-4.773600e-05
## SPAC56F8.16	-4.379202e-05	1.089761e-04	-8.815755e-05	1.516713e-03
## SPAC22A12.02c	7.439797e-07	3.311933e-06	8.589970e-06	1.016691e-05
## SPAC22A12.04c	-5.557985e-04	6.137144e-03	-4.335635e-03	1.174191e-02
## SPNCRNA.717	1.850241e-08	3.256345e-06	1.302933e-06	-8.637294e-06
## SPAC22A12.07c	-2.480576e-04	3.381168e-03	-4.423618e-04	7.463634e-03
## SPAC22A12.08c	-8.155136e-05	7.866262e-04	-3.601583e-04	8.865066e-04
## SPAC22A12.10	-1.608119e-04	1.745891e-03	-7.025982e-04	3.674055e-03
## SPAC22A12.09c	-1.825887e-05	5.157575e-05	-8.175635e-05	4.112561e-04
## SPAC22A12.11	-2.155195e-04	1.383467e-03	-1.325801e-04	2.068819e-04
## SPAC22A12.12c	-3.437574e-05	4.545913e-04	-7.249315e-05	1.024259e-03
## SPAC22A12.14c	-5.834202e-06	2.004793e-04	-2.667795e-04	9.173929e-04
## SPNCRNA.719	-9.930365e-07	7.407008e-06	8.121197e-06	-2.213473e-05
## SPAC22A12.17c	-1.117375e-03	4.840910e-03	7.674918e-03	-6.727070e-02
## SPNCRNA.168	-7.796609e-07	1.132684e-06	7.417220e-06	-7.733008e-06
## SPNCRNA.720	-1.764802e-06	2.970954e-05	-2.058184e-05	8.714643e-05
## SPNCRNA.721	-3.887903e-06	3.191640e-05	-2.201853e-05	-3.273654e-05
## SPAC4C5.02c	-3.843759e-05	2.770599e-04	-2.232116e-04	4.372242e-04
## SPAC4C5.03	-5.361315e-05	3.478700e-04	1.026703e-04	-1.259428e-03
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	-4.657005e-04	1.477740e-03	-6.097433e-03	1.286657e-02
## SPNCRNA.724	-1.346810e-05	1.355307e-04	-8.114217e-05	-1.659529e-05
## SPAC10F6.02c	-3.183567e-05	6.277693e-04	-6.198879e-04	3.758924e-03
## SPAC10F6.05c	-6.289867e-05	3.189437e-04	2.446774e-04	-2.320234e-03
## SPNCRNA.725	-1.083032e-05	4.747584e-05	-2.332527e-05	1.946560e-04
## SPAC10F6.10	-2.165587e-05	3.511407e-04	-5.711955e-04	2.112878e-03
## SPNCRNA.726	-4.729018e-07	1.677340e-05	8.747563e-06	4.326824e-05
## SPAC10F6.15	-5.678182e-06	3.579640e-05	7.145835e-05	-2.139928e-04
## SPNCRNA.432	-1.391068e-06	2.352946e-06	-1.398305e-05	-2.433783e-05
## SPAC10F6.17c	-1.630463e-05	2.699833e-04	-3.366228e-04	1.280297e-03
## SPAC56E4.03	-1.608587e-04	8.320383e-04	-1.023061e-03	1.778719e-03
## SPAC56E4.07	-5.994488e-05	6.786920e-04	-1.207529e-04	3.060137e-04
## SPNCRNA.730	3.105463e-07	8.895725e-06	-1.737707e-05	5.393579e-05
## SPAC1420.02c	-3.235241e-04	3.100432e-03	-3.112008e-03	5.244938e-03
## SPAC1420.03	-9.125646e-05	6.911921e-04	-4.735913e-04	-1.344416e-03
## SPAC1420.04c	-9.487554e-07	1.484111e-05	-3.555518e-05	1.607644e-04
## SPNCRNA.731	-1.470530e-06	8.698468e-06	2.721474e-06	-3.532535e-05
## SPAPB17E12.02	-3.686346e-06	2.433896e-05	-2.151875e-05	8.685458e-05
## SPAPB17E12.03	-8.597655e-06	3.100179e-04	-8.225491e-05	1.056222e-03
## SPAPB17E12.05	-2.195364e-04	3.347543e-03	-3.676140e-03	8.943424e-03
## SPAPB17E12.11	-6.623841e-05	8.496013e-04	-2.950006e-04	2.792333e-03
## SPNCRNA.732	5.455883e-07	5.036682e-06	-7.171344e-06	4.736170e-05
## SPNCRNA.733	2.801412e-07	1.644757e-05	-3.821452e-05	7.914108e-05
## SPAC1565.03	9.633591e-07	4.532131e-05	-2.276236e-05	1.376751e-05
## SPAC1565.05	-3.874550e-05	1.313391e-03	-1.700009e-03	9.114920e-03
## SPAC1565.06c	-7.148773e-05	5.643405e-04	-2.486379e-05	-2.087240e-03
## SPAC1565.07c	-1.104032e-05	4.767400e-04	-7.328255e-05	2.708318e-03
## SPATRNPAPRO.02	-1.968592e-03	5.533724e-02	7.531152e-02	-4.397753e-03
## SPSNORNA.53	-2.069437e-04	2.078807e-03	-1.382392e-03	2.119049e-03
## SPAC6F12.06	-7.786624e-05	1.120867e-03	-6.906444e-04	-1.854064e-04
## SPAC6F12.07	-4.794607e-05	5.528694e-04	-4.355877e-04	1.554378e-03
## SPAC6F12.08c	-9.821910e-06	2.303577e-04	-2.742403e-04	5.577055e-04
## SPAC6F12.09	-2.855504e-05	3.375712e-04	-2.110539e-04	1.221573e-03

## SPAC6F12.12	-3.398861e-05	3.458571e-04	-1.629700e-04	8.584321e-04
## SPAC6F12.13c	-1.187936e-04	6.854240e-04	-1.731347e-03	4.689015e-06
## SPAC6F12.15c	-2.890515e-05	3.511702e-04	-8.570865e-05	2.144045e-04
## SPAC19E9.01c	-4.142350e-05	3.041612e-04	-2.540080e-04	1.055086e-03
## SPAC19E9.02	-6.359725e-05	5.104462e-04	-3.693201e-04	2.508794e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	-1.456821e-07	3.829191e-07	-3.055232e-05	4.431032e-05
## SPAC19E9.03	-1.438374e-04	4.196648e-04	2.778319e-04	-4.508396e-03
## SPAC57A10.03	-5.538551e-06	2.940502e-04	-2.434232e-04	1.363230e-03
## SPAC57A10.05c	-5.071491e-05	3.051199e-04	3.473202e-05	-8.779010e-04
## SPAC57A10.06	-3.987053e-07	7.912167e-06	-4.418464e-06	-2.143804e-05
## SPAC57A10.07	-2.092925e-05	3.568262e-04	-3.653264e-04	1.562620e-03
## SPAC57A10.08c	-1.662744e-05	1.936471e-04	4.341496e-05	3.868644e-05
## SPAC57A10.09c	-2.605734e-04	1.387534e-03	2.258494e-04	-9.315909e-03
## SPAC57A10.12c	-2.241690e-04	7.389778e-04	-1.623590e-03	7.048899e-03
## SPAC20G8.04c	-1.145014e-04	1.054658e-03	-1.509591e-03	2.887631e-03
## SPAC20G8.05c	-9.250604e-05	1.444891e-03	-8.719183e-04	6.339526e-03
## SPAC20G8.06	-1.556212e-04	1.294419e-03	-1.506883e-03	9.910861e-03
## SPAC20G8.08c	-5.777771e-06	4.641305e-04	-6.777901e-04	3.804945e-03
## SPAC20G8.09c	-8.303550e-05	1.088160e-03	-3.133866e-03	1.459457e-02
## SPAC20G8.10c	-5.706277e-06	1.194485e-05	1.580179e-05	-8.549984e-06
## SPAC3A12.04c	-7.638874e-07	2.136544e-04	-1.225927e-04	1.168128e-03
## SPAC3A12.19	-1.258395e-05	6.362008e-05	1.701983e-06	1.253060e-05
## SPAC3A12.07	-5.276404e-05	6.488146e-04	-5.041911e-04	2.139049e-03
## SPNCRNA.741	-9.715769e-07	6.543629e-06	-6.729567e-06	-2.577323e-05
## SPAC3A12.11c	-5.386833e-05	7.082198e-04	-3.980462e-05	7.139186e-04
## SPAC3A12.14	-2.355964e-04	1.908332e-03	-2.081480e-04	-1.770488e-03
## SPAC3A12.15	-4.196490e-05	6.337473e-04	-3.435734e-04	2.196122e-03
## SPSNORNA.48	-7.841736e-08	-1.366664e-07	9.343733e-07	-1.831583e-06
## SPAC3A12.18	-4.287864e-04	2.084936e-03	5.402226e-04	-1.103528e-02
## SPAC9.03c	-1.721490e-04	8.032729e-04	-8.370513e-04	5.124134e-03
## SPAC9.05	-1.663609e-05	2.300061e-04	-1.070470e-04	8.706715e-04
## SPAC9.06c	-3.671671e-06	4.568619e-05	-5.408451e-05	1.262494e-04
## SPAC9.08c	-3.097256e-05	2.584398e-04	3.360907e-05	-4.089149e-05
## SPAC9.09	-1.531753e-03	4.143503e-03	-1.443641e-02	3.105545e-02
## SPNCRNA.743	-1.815129e-07	3.918867e-05	7.941705e-06	9.326957e-05
## SPAC9.10	-5.092350e-06	2.563571e-04	-4.198395e-04	2.215557e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	-6.712499e-06	1.229905e-04	-1.131335e-04	1.501627e-03
## SPAC5D6.10c	-6.649802e-07	-9.117397e-07	-4.050315e-07	-1.117157e-05
## SPAC5D6.09c	-1.753416e-05	3.941678e-05	3.065457e-05	3.604808e-04
## SPAC5D6.07c	-3.335790e-05	2.341667e-04	-1.492437e-05	-1.389310e-03
## SPAC5D6.04	-7.013761e-05	5.314033e-04	-7.289018e-05	-1.825913e-03
## SPAC5D6.02c	-2.796372e-06	2.484308e-05	6.479032e-06	2.429272e-04
## SPAC57A7.10c	-2.541993e-04	2.375657e-03	-1.739716e-03	7.021173e-03
## SPNCRNA.174	-1.208790e-07	1.958112e-06	5.696409e-06	1.846476e-06
## SPAC57A7.08	-9.738223e-05	8.113463e-04	1.671798e-05	-5.646368e-04
## SPAC57A7.06	-1.956919e-05	6.515776e-04	-1.328773e-03	6.132352e-03
## SPAC57A7.04c	-5.227897e-04	-5.695528e-04	-9.022797e-04	1.772166e-02
## SPAC167.07c	-6.491103e-05	4.785629e-04	-2.521515e-05	-5.060783e-04
## SPAC167.05	-4.067740e-05	1.462283e-04	-3.410520e-06	-3.709399e-05
## SPAC167.04	-5.508697e-05	5.567917e-04	-2.089082e-04	6.527269e-04
## SPAC167.09	-1.859617e-06	3.655005e-05	2.722944e-05	2.777245e-04
## SPAC167.08	3.523674e-07	3.820185e-06	-3.026123e-06	2.767429e-05

## SPAC1705.03c	-3.469170e-04	2.298404e-03	-1.754507e-03	2.571483e-02
## SPNCRNA.80	2.734098e-07	1.328478e-06	-2.540930e-06	1.474729e-05
## SPNCRNA.745	5.033707e-07	9.407840e-06	-1.202995e-05	5.071717e-05
## SPNCRNA.81	3.843148e-08	-1.534887e-07	1.331179e-07	-9.175073e-07
## SPAC23H4.17c	-1.978496e-05	1.227629e-04	-1.572303e-05	2.894170e-04
## SPAC23H4.16c	-1.907368e-06	1.508520e-04	-1.892848e-04	7.309226e-04
## SPAC23H4.15	-3.892400e-05	1.240837e-03	-2.132842e-03	9.167584e-03
## SPAC23H4.21	-1.000713e-06	1.000742e-04	-2.266785e-05	3.229205e-04
## SPAC23H4.13c	-1.073427e-06	1.652309e-04	-3.820592e-05	7.219815e-04
## SPAC23H4.12	-4.569130e-05	5.660203e-04	-5.184616e-04	1.218658e-03
## SPAC23H4.08	-1.487468e-05	1.475711e-04	-1.667839e-04	1.553796e-04
## SPAC23H4.07c	-3.655526e-05	5.978755e-04	-4.805035e-04	1.322461e-03
## SPAC23H4.05c	-2.977043e-06	1.794004e-05	-1.042789e-05	-5.054610e-05
## SPNCRNA.746	2.067779e-07	8.938519e-06	-9.416855e-06	6.128114e-05
## SPAC23H4.04	2.453333e-07	3.604953e-04	-3.178050e-04	1.713698e-03
## SPATRNATHR.01	4.265304e-05	1.384026e-03	3.151789e-03	2.597384e-03
## SPNCRNA.747	-1.566879e-07	7.529927e-06	6.348058e-06	3.493551e-05
## SPAP27G11.03	-1.980354e-05	2.221466e-04	-1.798712e-04	2.720462e-04
## SPAP27G11.05c	-5.974882e-05	5.183999e-04	-2.423577e-04	-5.687135e-04
## SPNCRNA.749	2.397978e-07	2.699447e-05	-4.786583e-05	1.381313e-04
## SPAP27G11.09c	-4.339373e-05	6.267971e-04	-4.950500e-04	1.212342e-03
## SPAP27G11.14c	-6.268247e-06	2.478365e-04	-3.402480e-04	1.073844e-03
## SPAP27G11.15	-2.657245e-06	5.730972e-05	-2.201640e-05	4.542111e-04
## SPAC343.01c	-5.998696e-05	8.203989e-04	-5.744501e-04	3.507852e-03
## SPAC343.03	-5.747144e-07	7.688583e-05	-6.290600e-05	2.353492e-04
## SPAC343.04c	-6.802952e-05	5.226531e-04	-2.940834e-04	-2.182504e-03
## SPAC343.05	-1.923958e-04	2.173960e-03	-1.682618e-03	5.763282e-03
## SPAC343.08c	-3.467118e-05	6.695172e-04	-6.609411e-04	2.421084e-03
## SPAC343.07	-1.368987e-07	3.315830e-06	1.751937e-06	-9.610947e-07
## SPNCRNA.752	-4.447313e-06	1.187851e-05	-3.608501e-05	1.704644e-04
## SPAC343.10	-1.207306e-04	1.232908e-03	-6.809960e-04	2.823962e-04
## SPAC343.11c	-7.226945e-05	2.013124e-04	-1.267709e-04	-3.585821e-04
## SPAC343.20	-2.237074e-05	2.473604e-04	-4.804405e-04	2.169816e-03
## SPAC343.17c	-2.263557e-05	3.770543e-04	5.206481e-05	6.569946e-04
## SPAC343.15	-7.493771e-06	5.605873e-05	-1.271411e-04	5.739659e-04
## SPNCRNA.754	3.418151e-08	8.733654e-08	-1.211380e-07	-1.292216e-06
## SPAC824.04	-1.605723e-05	3.038971e-04	-1.152204e-04	1.057888e-03
## SPAC824.05	-3.110637e-05	4.338310e-04	-2.679049e-04	-1.303260e-04
## SPAC824.07	-1.327074e-04	1.039956e-03	6.213950e-04	-3.599389e-03
## SPAC824.08	-1.852870e-05	2.802874e-04	-5.841760e-04	2.329817e-03
## SPATRNALYS.01	3.135067e-06	6.155403e-04	9.977282e-04	9.590067e-04
## SPAC664.03	-8.143607e-05	9.667581e-04	-4.773110e-04	2.063151e-03
## SPAC664.04c	-2.174940e-04	4.114332e-03	-3.043845e-03	1.508562e-02
## SPAC664.07c	-2.034595e-06	1.094157e-04	-5.455822e-05	5.349908e-04
## SPAC664.08c	-1.344950e-05	7.441325e-04	-7.229194e-04	5.943667e-03
## SPAC664.09	-6.993640e-05	8.730949e-04	-3.156174e-04	1.789267e-04
## SPAC664.10	-3.397246e-05	5.253182e-04	-3.584370e-04	8.608912e-04
## SPAC664.11	-1.336451e-03	8.697285e-03	-1.267934e-02	1.941858e-02
## SPAC664.12c	-1.465030e-05	1.835436e-04	-9.840794e-05	5.886528e-04
## SPAC664.14	-1.050717e-04	1.493629e-03	-1.225295e-03	3.011769e-03
## SPNCRNA.758	-9.810852e-07	3.402193e-07	-8.807535e-06	1.868982e-05
## SPACUNK12.02c	-1.795726e-05	7.724528e-05	2.370299e-05	-4.064826e-04
## SPAC105.01c	-1.283558e-05	1.547574e-04	-2.568728e-04	7.402864e-04
## SPAC17A5.18c	-4.496116e-06	4.839551e-05	-3.720706e-05	-3.296804e-05

## SPAC17A5.02c	-9.258557e-07	2.520114e-04	-2.639754e-04	1.334247e-03
## SPAC17A5.03	-6.332921e-04	1.148432e-03	-9.946404e-04	8.767989e-03
## SPAC17A5.04c	-1.667135e-05	3.534465e-04	-8.533204e-05	1.286299e-03
## SPAC17A5.19	-1.322559e-06	2.534675e-05	-3.373746e-05	2.046627e-04
## SPAC17A5.06	-2.775497e-05	3.627066e-04	-4.183908e-04	6.184535e-04
## SPAC17A5.08	-4.264831e-05	6.519344e-04	-5.279776e-04	1.125767e-03
## SPAC17A5.10	-1.085502e-05	3.211284e-05	3.506334e-05	-1.528542e-04
## SPAC17A5.11	-3.672374e-06	2.769221e-05	3.602812e-06	1.082355e-05
## SPAC17A5.12	-2.902919e-05	1.785099e-04	-8.672261e-05	8.608296e-04
## SPAC17A5.14	-1.437434e-04	1.770502e-03	-1.207623e-03	2.198773e-03
## SPAC17A5.16	-4.897835e-05	3.313529e-04	-2.544499e-04	1.661822e-03
## SPAC1610.01	-1.442269e-05	2.020273e-04	-7.837674e-05	4.329697e-04
## SPAC1610.02c	-1.916066e-05	3.495894e-04	-1.714761e-04	1.032950e-03
## SPAC1610.03c	-4.016371e-06	1.474318e-05	-3.129183e-06	-4.362917e-07
## SPAC1610.04	-2.809122e-05	3.650856e-04	-1.998145e-04	-5.958546e-05
## SPAC1002.02	-4.869408e-06	4.042339e-05	-1.029545e-04	2.831774e-04
## SPAC1002.03c	-1.496809e-04	1.789649e-03	-1.405109e-03	7.367447e-03
## SPAC1002.04c	-1.783446e-05	2.849676e-04	3.063645e-05	7.286736e-05
## SPAC1002.05c	-1.581727e-05	2.456731e-04	1.230071e-05	-7.961928e-05
## SPAC1002.09c	-4.714801e-04	5.001383e-03	-3.319428e-03	-6.889628e-03
## SPAC1002.12c	-4.528526e-05	4.926743e-04	-2.451134e-04	-3.761789e-04
## SPAC1002.20	-8.796384e-06	2.525357e-05	3.619840e-05	-4.082647e-04
## SPAC1002.19	-1.154470e-04	7.677651e-04	1.025496e-03	-1.499701e-03
## SPAC1399.04c	-2.951742e-05	1.984998e-04	1.555418e-04	-9.403800e-04
## SPAC1399.03	-1.518420e-05	2.658560e-04	-3.494076e-04	1.389333e-03
## SPAC1399.01c	-1.429995e-05	8.239362e-05	1.166576e-04	-2.655008e-04
## SPAP11E10.02c	-5.999507e-06	-4.658826e-06	-1.163337e-05	2.081104e-04
## SPAPB1A10.02	-8.783305e-06	9.276850e-05	-3.585003e-05	-2.328653e-04
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	-1.302316e-05	5.203516e-04	-7.793049e-04	4.524214e-03
## SPAPB1A10.07c	-2.930208e-05	3.956080e-04	4.028997e-05	-3.309544e-04
## SPNCRNA.767	-3.482115e-06	6.474099e-05	-5.806113e-05	1.740218e-04
## SPNCRNA.768	-3.783353e-06	3.390676e-05	-5.210422e-05	7.485273e-05
## SPAPB1A10.08	-2.455079e-05	9.271461e-05	-5.473496e-05	-1.794816e-04
## SPAPB1A10.10c	-2.166475e-05	3.227606e-04	-1.800908e-04	9.264488e-04
## SPAPB1A10.11c	-1.757642e-05	3.843121e-04	-3.610101e-04	1.492929e-03
## SPAPB1A10.12c	-5.390488e-05	3.172354e-04	-4.752082e-04	1.156409e-03
## SPNCRNA.769	-3.120807e-06	3.825332e-05	-1.090222e-05	2.806360e-05
## SPNCRNA.770	-1.680207e-06	4.514655e-06	4.335395e-06	-3.702014e-05
## SPAC140.02	-1.994226e-04	6.733360e-03	-1.364634e-02	7.869533e-02
## SPNCRNA.771	-3.635827e-06	3.765881e-05	1.943616e-05	1.758655e-04
## SPAC140.04	-9.125348e-07	5.002528e-05	-7.744129e-05	7.019890e-06
## SPAC110.02	-1.379754e-05	2.350544e-04	-3.694952e-04	1.412147e-03
## SPNCRNA.773	5.470999e-07	7.769201e-06	-3.769640e-05	7.249892e-05
## SPAC110.04c	-5.019903e-04	1.917239e-03	-6.163848e-03	1.084948e-02
## SPAP14E8.02	-1.195231e-06	5.753440e-04	-1.625149e-03	7.826777e-03
## SPAP14E8.03	-2.322950e-05	2.339601e-04	-1.655075e-04	-1.145586e-04
## SPAP14E8.04	-1.495314e-05	1.526973e-04	-2.238101e-05	7.723143e-05
## SPAP14E8.05c	-5.108340e-05	6.342990e-04	1.080157e-04	-7.147977e-04
## SPAC3H1.03	-1.315537e-05	1.780694e-04	-1.729152e-04	3.500348e-04
## SPNCRNA.775	-1.990504e-07	1.659677e-06	-1.227966e-05	2.803142e-06
## SPAC3H1.08c	-5.164642e-06	1.073073e-04	-1.825620e-04	3.622016e-04
## SPNCRNA.776	6.221975e-07	1.536937e-05	-4.308060e-05	1.383545e-04
## SPAC3H1.10	-1.536439e-05	4.100566e-04	-4.084863e-04	1.211724e-03

## SPNCRNA.778	-5.890935e-06	3.354257e-05	-1.078415e-05	8.486413e-06
## SPNCRNA.779	7.368782e-07	3.132412e-05	-9.027142e-05	2.296910e-04
## SPNCRNA.780	-1.979804e-06	2.172792e-05	-4.733313e-05	9.114053e-05
## SPNCRNA.782	-7.253620e-07	4.477886e-05	-1.427273e-04	1.338196e-04
## SPAC3H1.11	-1.297414e-04	4.061626e-04	-5.229041e-04	2.906187e-04
## SPAC3H1.14	-9.214938e-06	1.803687e-04	-3.051691e-05	-9.438451e-05
## SPAC9G1.05	-1.409145e-04	2.090239e-03	2.148772e-04	3.909574e-03
## SPAC9G1.06c	-3.058351e-05	1.191535e-04	-2.610420e-04	8.759251e-04
## SPAC9G1.07	-7.282440e-06	2.882154e-05	-2.406586e-05	4.001385e-04
## SPAC9G1.11c	-6.027293e-05	7.408665e-04	-2.475628e-04	8.619263e-04
## SPAC9G1.12	-4.377236e-05	4.520680e-04	-6.572855e-04	2.532509e-03
## SPAC767.01c	-2.223199e-04	2.736914e-03	2.113988e-04	6.243527e-04
## SPNCRNA.786	-1.323267e-06	1.260985e-05	-8.771479e-07	3.513650e-05
## SPAC17H9.01	-2.985539e-05	4.774435e-04	-6.06652e-04	1.776996e-03
## SPAC17H9.05	-2.888159e-06	1.338572e-03	-1.445682e-03	8.806063e-03
## SPAC17H9.06c	-3.877042e-06	1.776901e-04	-1.206088e-04	7.646354e-04
## SPAC17H9.07	-1.697475e-05	5.503419e-04	-3.674016e-04	1.065075e-03
## SPAC17H9.08	-1.379316e-05	3.705682e-04	-1.193845e-04	2.141560e-03
## SPAC17H9.11	-2.509077e-05	2.785006e-04	-2.608594e-04	7.988710e-04
## SPNCRNA.788	1.998628e-06	6.959156e-06	1.437045e-05	2.856751e-05
## SPAC17H9.18c	-1.343358e-07	-1.399883e-06	-3.570555e-07	-4.210554e-08
## SPAC17H9.19c	-1.089562e-05	1.216208e-05	1.148208e-05	3.869956e-04
## SPAC607.02c	-3.906413e-06	1.436279e-04	-1.787220e-04	7.483188e-04
## SPNCRNA.789	1.778052e-07	2.878415e-05	-1.227186e-05	1.064925e-04
## SPAC607.07c	-5.492018e-05	5.192186e-04	-2.053101e-04	-1.206392e-03
## SPAC607.08c	-1.012893e-04	4.725420e-04	1.423643e-04	-3.758505e-03
## SPNCRNA.186	-1.730052e-07	5.867375e-06	3.480643e-06	-2.456540e-05
## SPAC607.10	-3.142572e-05	3.390036e-04	-4.964703e-04	6.999989e-04
## SPNCRNA.790	3.563055e-07	1.041402e-06	-1.240672e-06	-7.701993e-06
## SPAC3C7.01c	-3.681761e-05	6.079025e-04	-3.830889e-04	2.062538e-03
## SPAC3C7.03c	-9.960071e-06	1.418601e-04	-9.231113e-05	4.055812e-04
## SPAC3C7.04	-9.505228e-05	1.186030e-03	-3.977853e-04	2.422670e-03
## SPAC3C7.05c	-3.192653e-04	1.703010e-03	1.693382e-03	-1.539588e-02
## SPAC3C7.06c	-2.412380e-05	2.467724e-04	-9.720327e-05	4.301275e-04
## SPAC3C7.07c	-5.535299e-06	2.724108e-04	-2.343215e-04	1.280855e-03
## SPAC3C7.10	-3.626956e-05	3.789670e-04	-9.908628e-05	3.039596e-04
## SPAC3C7.11c	-3.760675e-04	1.668267e-03	-3.766158e-03	2.803983e-03
## SPAC3C7.12	-2.326256e-05	6.274794e-04	-5.241960e-04	2.296154e-03
## SPAC3C7.13c	-7.527639e-05	9.764865e-05	1.864783e-04	-2.514797e-03
## SPNCRNA.792	-1.745502e-06	5.225428e-06	-3.976868e-05	-1.926937e-05
## SPAC3C7.14c	-8.098130e-04	6.829661e-03	9.203383e-03	-1.124512e-02
## SPAC25A8.01c	-1.653698e-04	2.421783e-03	-2.053226e-03	3.363616e-03
## SPAC631.01c	-4.512858e-05	2.658424e-04	-5.799281e-05	6.522803e-04
## SPAC20H4.01	-3.263284e-05	5.060063e-04	-8.740981e-04	4.428845e-03
## SPNCRNA.795	-6.229313e-07	2.978616e-05	1.091761e-05	3.716973e-05
## SPAC20H4.05c	-3.111266e-05	2.676056e-04	-2.454573e-04	5.496456e-04
## SPAC20H4.06c	4.328674e-07	2.546084e-04	-2.291680e-04	7.989634e-04
## SPAC20H4.07	-3.410193e-05	4.201515e-04	-1.443698e-04	-1.042807e-05
## SPNCRNA.796	-4.306725e-06	1.621255e-05	-2.204662e-05	6.867574e-05
## SPAC20H4.11c	-3.898933e-07	3.981549e-05	2.966708e-05	1.009956e-04
## SPAC23C11.02c	-8.311710e-04	1.017123e-02	-7.203037e-03	1.531230e-02
## SPAC23C11.06c	-2.282851e-04	5.457278e-04	8.916749e-04	-1.260019e-02
## SPNCRNA.798	-1.615759e-05	1.903146e-04	-3.476475e-05	3.316976e-04
## SPAC23C11.07	-1.622253e-06	8.870190e-06	-9.706162e-06	-1.584784e-05

## SPAC23C11.12	-2.846055e-06	5.119677e-05	-1.885679e-05	2.300919e-04
## SPAC23C11.13c	-3.921491e-05	5.131819e-04	-7.184838e-04	2.080139e-03
## SPNCRNA.187	-2.956454e-07	4.743048e-06	-5.429269e-06	-3.955273e-06
## SPAC23C11.16	-1.908810e-05	2.242435e-04	-2.051086e-04	9.803333e-04
## SPAC13F5.03c	-7.454366e-06	4.438194e-06	-2.877729e-05	1.757164e-04
## SPAC13F5.04c	-6.747810e-06	6.560403e-06	-1.068730e-05	2.046987e-04
## SPAC13F5.05	-1.280779e-05	9.172796e-05	4.329198e-05	-8.580051e-05
## SPAC1783.01	-2.292625e-05	1.797857e-04	-1.651405e-04	8.795961e-04
## SPAC1783.03	-9.676003e-06	1.710719e-04	-1.345132e-04	6.830899e-04
## SPAC1783.05	-8.970553e-05	1.223343e-03	-1.162738e-03	7.394426e-03
## SPAC18G6.03	-9.508051e-05	1.169501e-03	-1.622099e-03	4.370585e-03
## SPNCRNA.805	-2.645525e-07	2.099267e-06	-1.331914e-06	-2.617078e-06
## SPNCRNA.188	4.720531e-07	6.033437e-06	-2.225235e-06	3.470897e-05
## SPAC18G6.15	-5.350867e-05	8.092545e-04	-2.404358e-04	1.279743e-03
## SPAC13D6.01	-9.987021e-06	5.870147e-05	6.078954e-06	-9.467973e-05
## SPNCRNA.807	9.335902e-07	-2.988871e-06	1.271439e-06	-9.008693e-05
## SPAC13D6.03c	-1.370196e-05	3.563624e-04	-3.709613e-04	1.322131e-03
## SPAC4G9.04c	-2.217753e-05	1.736939e-04	-2.811077e-04	7.313218e-04
## SPAC4G9.03	-3.723425e-04	3.112263e-03	-1.585019e-03	1.135342e-03
## SPAC4G9.05	-1.419286e-06	1.513144e-05	-1.190189e-05	1.196145e-04
## SPAC4G9.06c	-3.158414e-05	3.728131e-04	-3.964756e-04	1.193460e-03
## SPNCRNA.808	-8.170618e-07	9.162397e-06	-2.211738e-05	-3.146987e-05
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	-2.388563e-04	3.181713e-03	-2.131204e-03	4.812587e-03
## SPAC4G9.10	-6.552874e-05	8.875719e-04	-9.064207e-04	1.035064e-03
## SPAC4G9.11c	-2.489825e-05	2.169310e-04	-1.239920e-04	-1.607391e-03
## SPAC4G9.12	-1.059105e-04	8.533371e-04	1.124273e-04	-3.539806e-03
## SPAC4G9.14	5.759847e-06	2.319544e-04	-1.792082e-04	1.206313e-03
## SPAC4G9.15	-1.045628e-04	1.351505e-03	-3.825212e-04	2.047564e-03
## SPNCRNA.809	-6.339483e-07	3.183086e-06	-1.361311e-05	6.661471e-05
## SPAC4G9.19	-1.087731e-05	2.971468e-05	-2.694174e-05	-2.750474e-04
## SPAC4G9.20c	-1.256393e-05	1.518432e-04	-4.015787e-04	1.757105e-03
## SPNCRNA.810	4.062370e-06	3.473166e-05	-6.288292e-05	8.419001e-05
## SPAC13G7.01c	-7.166227e-05	7.307217e-04	-9.016527e-04	2.153028e-03
## SPAC13G7.02c	-3.760360e-04	3.682482e-03	6.151662e-03	-1.266556e-02
## SPAC13G7.03	-2.659775e-06	4.075043e-05	-6.561718e-05	2.360671e-04
## SPAC13G7.04c	-6.298460e-05	1.290113e-04	9.642630e-06	1.076396e-03
## SPAC13G7.05	-3.567186e-05	3.188972e-04	5.884417e-05	-2.406157e-03
## SPAC13G7.06	-1.453696e-04	1.390342e-03	-3.429764e-04	6.424168e-05
## SPAC13G7.10	-1.065108e-05	1.549531e-04	-1.358660e-04	-6.698664e-05
## SPAC13G7.12c	-2.291147e-05	1.207944e-04	-2.807265e-04	1.223253e-03
## SPAC13G7.13c	-1.719290e-05	3.113282e-05	-9.730683e-05	9.349243e-04
## SPNCRNA.812	8.664551e-07	7.937429e-05	-1.398191e-04	4.244004e-04
## SPNCRNA.813	-1.231528e-05	7.042543e-05	-2.753765e-05	-4.527824e-04
## SPAC6C3.03c	8.112878e-07	2.818480e-06	-1.129208e-05	2.348339e-05
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-1.546429e-06	2.852090e-05	-1.011776e-05	-1.882451e-05
## SPNCRNA.815	-1.404996e-05	4.765629e-05	-4.408142e-05	-3.891935e-04
## SPAC6C3.08	-3.874843e-05	3.401599e-04	-9.153743e-05	-9.667686e-04
## SPAC6C3.09	-2.858545e-05	2.357013e-04	-3.844954e-04	3.895901e-04
## SPNCRNA.816	-1.343903e-06	7.293403e-06	-5.697611e-06	-3.804408e-05
## SPAC17G8.03c	-3.008966e-05	3.220843e-04	-1.441003e-04	5.423922e-04
## SPAC17G8.15	-2.400571e-06	6.092628e-05	-3.910194e-05	2.178322e-04

## SPAC17G8.04c	-5.236163e-05	4.340553e-04	-1.414172e-04	9.135122e-05
## SPAC17G8.06c	-8.659725e-04	8.895695e-03	-8.790263e-03	1.208597e-02
## SPAC17G8.08c	-1.467158e-04	1.640575e-03	-6.442851e-04	3.518568e-03
## SPAC17G8.11c	-5.148683e-05	3.838643e-04	-2.527948e-04	-8.053965e-04
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	-4.200413e-05	4.624004e-04	-1.354673e-04	3.792644e-04
## SPAC17G8.14c	-6.087384e-05	2.726205e-04	-5.437850e-05	-5.852349e-04
## SPNCRNA.818	5.512024e-07	8.454856e-07	1.988125e-06	4.604121e-06
## SPAC22H10.02	-1.482799e-05	1.697397e-04	-5.623547e-05	-3.507065e-04
## SPNCRNA.820	6.007243e-07	8.314983e-06	8.491559e-06	3.081535e-05
## SPAC22H10.04	-3.228656e-05	3.383635e-04	-1.129880e-04	2.640545e-04
## SPAC22H10.05c	-7.859965e-05	6.971072e-04	-8.103910e-04	1.426805e-04
## SPAC22H10.06c	-1.045647e-08	-1.014786e-06	-1.628194e-06	-1.051994e-06
## SPAC22H10.07	-2.238847e-05	1.784269e-04	-3.501666e-04	7.783700e-04
## SPAC22H10.08	-2.838253e-05	4.190317e-04	-3.787654e-04	1.848819e-03
## SPAC22H10.11c	-5.994295e-05	4.913557e-04	-3.144682e-04	1.072104e-03
## SPAC22H10.12c	-3.689235e-04	2.000360e-03	-4.638743e-07	-1.203219e-02
## SPAC15F9.01c	-1.648295e-06	3.650077e-06	-3.708263e-06	-3.097488e-06
## SPNCRNA.822	1.714051e-07	4.287861e-07	6.150063e-06	-8.319374e-06
## SPNCRNA.193	-3.047904e-07	8.338698e-07	3.674568e-06	6.717293e-06
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	-8.454410e-05	7.091330e-04	-5.492129e-04	-7.025778e-04
## SPAC6B12.04c	-3.206245e-05	2.572311e-04	-3.763650e-04	7.828042e-04
## SPNCRNA.824	-2.079226e-06	1.636362e-05	-1.929858e-05	-1.770878e-06
## SPAC6B12.05c	-4.498288e-05	4.696064e-04	-2.862546e-04	2.021828e-04
## SPAC6B12.06c	-1.179199e-05	1.959957e-04	1.002621e-04	-1.624839e-04
## SPNCRNA.194	-1.227047e-06	6.799579e-06	-4.295797e-06	-4.988158e-05
## SPNCRNA.825	-2.474820e-06	2.014137e-05	-2.827762e-05	1.415694e-05
## SPAC6B12.19	-7.975241e-07	5.586059e-06	-3.805873e-05	8.931699e-05
## SPAC6B12.09	-3.275382e-05	3.304845e-04	-3.948978e-04	2.027158e-04
## SPAC6B12.10c	-1.117161e-05	5.078630e-05	-5.898016e-05	5.031424e-04
## SPAC6B12.11	-7.309614e-06	7.236579e-05	-1.136801e-04	3.999739e-04
## SPNCRNA.43	-1.097083e-07	-2.441028e-07	4.393230e-07	9.400586e-06
## SPATRNNATHR.02	-1.143537e-05	7.575283e-04	1.442949e-03	-2.971124e-04
## SPAC6B12.12	-3.710425e-04	3.510532e-03	-2.867996e-03	5.370787e-03
## SPAC6B12.14c	-1.914355e-05	3.006266e-04	-2.336330e-04	1.109904e-03
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	1.406479e-07	4.787210e-07	7.504629e-07	5.628625e-06
## SPAC6B12.16	-1.136379e-06	6.125685e-06	1.034435e-05	-1.223735e-05
## SPNCRNA.827	1.154814e-06	1.485052e-05	2.929534e-06	-5.185805e-05
## SPAC32A11.04c	-1.929077e-04	1.393415e-03	-3.399181e-03	2.592540e-03
## SPAC32A11.01	-1.920368e-05	2.212344e-04	-1.694779e-04	-1.480488e-04
## SPAC32A11.03c	-5.567409e-05	6.250418e-04	-4.043053e-04	1.868787e-03
## SPAC19A8.15	-4.188991e-04	3.720496e-03	-3.978968e-03	4.232779e-03
## SPAC19A8.14	-5.389291e-05	6.155782e-04	-1.609441e-04	1.923586e-04
## SPAC19A8.16	-1.621400e-04	5.751093e-04	5.115615e-04	-8.930193e-03
## SPAC19A8.06	-3.533748e-05	3.730041e-04	-3.038186e-04	6.503168e-04
## SPAC23H3.02c	-5.530085e-05	4.762675e-04	-1.283668e-04	-1.619556e-04
## SPAC23H3.03c	-1.619592e-05	2.452757e-04	-6.770712e-05	4.694798e-04
## SPNCRNA.558	4.979331e-08	4.745608e-07	-7.612433e-07	2.838978e-07
## SPNCRNA.830	-1.210350e-06	1.731316e-05	-2.681468e-05	1.335814e-04
## SPAC23H3.07c	-3.060894e-05	6.027541e-04	-1.233288e-04	1.329041e-03

## SPAC23H3.09c	-4.208041e-04	3.723616e-03	-3.809002e-03	3.686172e-04
## SPATRNACYS.02	-1.740448e-05	7.318609e-04	1.167366e-03	-4.079055e-04
## SPAC23H3.10	-4.668513e-05	6.454950e-04	-3.932759e-04	1.687346e-03
## SPAC23H3.11c	-1.769106e-05	1.133264e-04	-9.179563e-05	4.537558e-04
## SPAC23H3.12c	-7.460754e-06	6.037823e-05	-7.237881e-05	2.919443e-04
## SPAC23H3.14	-1.832303e-05	3.996030e-04	-4.590047e-04	1.375914e-03
## SPNCRNA.832	-2.287049e-06	4.303511e-05	-1.092187e-04	2.842262e-04
## SPAC25H1.02	-3.368930e-05	1.825002e-05	-1.970564e-05	-1.372306e-03
## SPAC25H1.03	-5.237877e-05	1.745732e-04	-4.768276e-05	-2.195815e-03
## SPAC25H1.10c	-3.329465e-05	4.047878e-04	-2.234175e-04	-7.013627e-05
## SPAC25H1.09	-4.538623e-06	3.566340e-05	4.306482e-05	-2.065326e-05
## SPAC4A8.02c	-8.127908e-05	5.307082e-04	2.094559e-05	-8.609250e-04
## SPAC4A8.03c	-1.905351e-05	3.468013e-04	-2.446260e-04	9.235954e-04
## SPNCRNA.834	-2.679222e-06	1.873850e-05	-3.563489e-05	-1.491922e-04
## SPNCRNA.835	-7.006040e-07	7.108361e-07	4.486850e-06	-1.167941e-05
## SPAC4A8.06c	-2.653939e-05	1.036049e-03	-6.286969e-04	5.470649e-03
## SPAC4A8.09c	-3.735775e-05	4.437041e-04	-3.902196e-04	-4.818386e-05
## SPAC4A8.11c	-1.892671e-03	8.454757e-03	-1.165766e-02	2.837888e-02
## SPAC4A8.13c	-2.133615e-04	2.176184e-03	7.106798e-05	5.400437e-05
## SPAC4A8.15c	-1.432958e-04	1.362185e-03	-4.486159e-04	3.850878e-03
## SPAC4A8.16c	-9.437228e-04	8.822637e-03	-8.755342e-03	2.224643e-02
## SPNCRNA.840	-1.382490e-05	7.924779e-05	-4.098163e-05	-4.187522e-04
## SPAC823.02	-5.704381e-05	9.060947e-04	-1.110665e-04	1.507143e-03
## SPAC823.04	5.298807e-06	2.117526e-04	-3.501535e-04	1.218287e-03
## SPAC823.05c	-3.485728e-05	4.374733e-04	-8.326196e-05	3.943072e-04
## SPAC823.06	-6.677149e-06	4.847563e-05	4.281347e-05	7.905522e-05
## SPAC823.08c	-7.096863e-06	2.064030e-04	-4.123618e-04	3.744967e-03
## SPAC823.09c	-2.036183e-05	2.905925e-04	-3.278029e-05	3.206339e-04
## SPAC823.10c	-9.037770e-07	1.134794e-04	-9.849519e-05	4.353606e-04
## SPAC823.15	-2.403093e-05	7.260317e-05	-6.875752e-05	5.245518e-04
## SPAC7D4.13c	-2.073380e-05	3.223755e-04	-7.242600e-05	7.508067e-04
## SPAC7D4.12c	-4.404967e-05	3.350542e-04	4.884301e-05	-8.369899e-04
## SPAC7D4.10	-2.564984e-05	1.487544e-04	-1.336630e-04	7.517553e-04
## SPNCRNA.842	-1.240802e-06	3.973307e-06	3.417056e-07	-8.855792e-06
## SPAC7D4.15c	-7.471994e-06	4.095022e-05	-2.367112e-05	2.164567e-04
## SPAC7D4.07c	-5.235917e-04	4.604943e-03	5.014512e-05	-1.471632e-02
## SPSNORNA.12	-3.105148e-04	3.994338e-03	2.648436e-03	8.421389e-03
## SPAC7D4.05	-1.556543e-05	2.653951e-04	4.211180e-05	4.648900e-04
## SPAC7D4.02c	5.018464e-06	8.011485e-05	-3.225776e-04	9.498499e-04
## SPAC4F8.13c	-5.687359e-05	8.861112e-04	-9.052730e-04	5.001107e-03
## SPAC4F8.11	-1.194631e-05	3.140207e-04	-2.996053e-04	1.692069e-03
## SPAC4F8.08	1.297414e-06	2.621917e-06	-1.079942e-05	2.351049e-05
## SPNCRNA.201	-4.894285e-07	3.377792e-06	3.514022e-06	-1.206329e-05
## SPAC4F8.06	-3.906715e-05	3.176496e-04	-1.771841e-05	-1.681193e-04
## SPAC4F8.05c	-1.334472e-05	2.090624e-04	-2.059547e-04	8.595461e-04
## SPAC4F8.04	-2.508014e-05	5.888898e-04	-6.533048e-04	3.451061e-03
## SPAC644.06c	-8.112802e-05	4.927443e-04	1.149544e-04	-5.269283e-04
## SPNCRNA.844	-4.371925e-06	8.300068e-05	-1.503865e-05	2.137846e-04
## SPATRNALYS.04	-1.274209e-06	1.450655e-04	1.560136e-04	2.176181e-04
## SPAC644.07	-2.096818e-05	3.883438e-04	-1.409743e-04	7.515853e-04
## SPAC644.09	-2.249201e-05	4.717489e-04	-1.843508e-04	4.032817e-04
## SPAC644.10	-3.577751e-06	8.717374e-05	-7.410355e-05	4.747207e-04
## SPAC644.12	-3.826711e-05	6.593910e-04	-6.743941e-04	1.600658e-03
## SPAC644.13c	-2.661775e-05	5.318644e-04	-1.451753e-04	1.440250e-03

## SPAC644.17c	-2.359754e-05	2.653326e-04	-2.941859e-04	2.803602e-04
## SPNCRNA.198	-3.264547e-07	5.748127e-07	7.922702e-07	-1.158420e-06
## SPAC644.18c	-6.594074e-05	6.476219e-04	-4.656165e-04	7.677809e-04
## SPAPB2B4.01c	-7.805563e-06	1.002480e-04	9.295998e-06	-3.164761e-05
## SPSNORNA.54	-4.763922e-04	8.536493e-04	1.092288e-03	-2.061008e-03
## SPNCRNA.846	-3.055089e-06	2.215408e-05	-1.004139e-05	1.946848e-05
## SPAPB2B4.05	-5.356535e-05	5.047520e-04	-4.688664e-04	1.679196e-03
## SPAPB2B4.06	-2.443444e-05	1.607453e-04	4.839983e-06	9.047312e-05
## SPAPB2B4.07	-2.061253e-05	2.393827e-04	-1.290446e-04	8.461541e-04
## SPAC6F6.01	-7.329673e-05	7.961695e-04	-4.852033e-04	1.726408e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-2.201137e-07	2.081717e-06	7.159788e-06	-4.323521e-06
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-2.648607e-07	5.367225e-06	2.482509e-06	3.168366e-05
## SPAC6F6.05	-9.809736e-05	1.217849e-03	-2.602743e-04	1.644759e-03
## SPAC6F6.06c	-4.076295e-05	1.492258e-03	-6.282920e-04	7.922130e-03
## SPAC6F6.07c	-8.800346e-04	6.157918e-03	-3.974407e-03	7.393879e-03
## SPAC6F6.12	-7.695680e-05	6.799972e-04	-1.592572e-04	-2.007762e-03
## SPNCRNA.850	5.238055e-08	3.189437e-06	-3.919047e-06	-5.419667e-05
## SPNCRNA.851	-3.499456e-07	2.272716e-05	-4.683188e-05	1.348005e-04
## SPAC6F6.19	-1.102978e-07	4.424601e-05	-7.801397e-06	2.053005e-04
## SPAC6F6.15	-4.534250e-05	4.495821e-04	-1.594089e-04	9.387227e-05
## SPAC6F6.16c	-1.203207e-06	3.153915e-04	-3.381726e-04	2.028561e-03
## SPAC1805.01c	-5.143532e-05	8.052738e-04	-2.999183e-04	1.508474e-03
## SPAC1805.02c	-4.779062e-05	8.346110e-04	-7.847596e-04	2.476706e-03
## SPAC1805.06c	-1.189161e-04	1.418444e-03	-1.067558e-03	1.543290e-03
## SPNCRNA.853	-1.078470e-06	2.083516e-05	-1.403219e-05	-1.085774e-05
## SPAC1805.07c	-1.390821e-06	4.286067e-05	-4.477283e-05	2.738178e-04
## SPNCRNA.854	-4.708213e-06	5.287547e-05	2.377256e-05	2.737339e-04
## SPAC1805.08	-2.768263e-05	1.129884e-04	-2.509361e-06	3.723225e-04
## SPAC1805.18	-5.797142e-06	7.689510e-05	-7.794250e-05	4.097407e-04
## SPAC1805.09c	-3.412330e-06	4.115667e-05	-3.221093e-06	1.526136e-04
## SPAC1805.10	-8.030366e-06	2.325627e-04	-9.626703e-05	8.645106e-04
## SPAC1805.12c	-4.135367e-04	5.900968e-03	-5.560982e-03	1.838201e-02
## SPAC1805.13	-3.716894e-04	4.199343e-03	-1.526264e-03	1.335681e-02
## SPATRNALEU.02	1.316592e-05	6.669102e-04	7.256799e-04	7.537392e-04
## SPAC1B2.02c	-2.734114e-05	5.642884e-04	-4.877396e-04	2.178066e-03
## SPAC1B2.03c	-5.697244e-05	3.314803e-03	-5.235058e-03	3.376434e-02
## SPAC1B2.04	-6.157863e-05	6.407895e-04	-3.797679e-04	9.527334e-04
## SPAC1B2.05	-5.027395e-05	4.793392e-04	-2.466493e-04	9.963281e-04
## SPAC3F10.03	-1.832881e-04	1.624413e-03	-3.623661e-03	6.617310e-03
## SPAC3F10.04	-5.897775e-05	3.780005e-04	-4.347314e-04	1.588776e-03
## SPAC3F10.06c	-6.692314e-06	1.895776e-04	-2.284534e-04	1.249967e-03
## SPNCRNA.855	-8.136464e-07	5.008713e-06	-1.929284e-05	-5.226312e-06
## SPAC3F10.09	-3.996674e-05	7.620786e-04	-5.629542e-04	3.333198e-03
## SPAC3F10.11c	-2.400288e-04	2.947035e-03	-5.923319e-04	7.264853e-03
## SPATRNNATHR.03	2.686992e-05	1.009043e-03	1.960107e-03	1.461390e-03
## SPAC3F10.15c	-2.667015e-05	2.970068e-04	6.608581e-05	1.238305e-03
## SPAC3F10.13	-6.953049e-05	3.221868e-04	-1.197607e-05	-1.063251e-03
## SPAC3F10.16c	-3.835917e-05	1.379916e-03	-1.389224e-03	9.086380e-03
## SPAC3F10.17	-4.503130e-05	6.984349e-04	-6.431658e-04	4.227531e-03
## SPAC3F10.18c	-2.223165e-04	6.772693e-03	-1.234487e-03	1.057695e-02
## SPAC8F11.03	-3.800803e-05	6.321226e-04	-4.779736e-04	1.101690e-03
## SPNCRNA.856	-1.046082e-06	1.665205e-05	-2.609692e-05	6.233360e-05

## SPAC8F11.04	-1.034188e-05	5.254106e-04	-1.073197e-03	4.981254e-03
## SPAC8F11.08c	-3.497093e-04	2.024918e-03	1.812270e-03	-3.102487e-04
## SPAC8F11.09c	-1.204792e-05	4.215759e-04	-4.310810e-04	1.985882e-03
## SPNCRNA.857	1.223430e-06	9.626820e-05	-3.486428e-04	9.944387e-04
## SPACUNK4.17	-2.320523e-03	2.593006e-03	7.238563e-03	-1.233555e-01
## SPACUNK4.19	-5.873809e-06	7.463560e-06	3.501029e-05	-3.509980e-04
## SPACUNK4.16c	-3.237617e-04	4.285353e-04	9.055116e-04	-9.450090e-03
## SPACUNK4.15	-2.680466e-04	1.155491e-03	8.750148e-04	-1.403720e-02
## SPACUNK4.14	-1.601265e-05	1.271146e-04	-1.039594e-04	5.022419e-05
## SPNCRNA.56	-8.291002e-07	5.032848e-06	1.119607e-05	7.539908e-05
## SPACUNK4.12c	-1.448770e-04	1.530610e-03	-5.571237e-04	2.312007e-03
## SPACUNK4.11c	-5.356207e-06	1.375724e-04	-1.598475e-04	3.269414e-04
## SPACUNK4.20	6.654844e-07	-1.426777e-06	7.663723e-06	1.307150e-04
## SPACUNK4.09	-5.852106e-06	7.743166e-05	-1.486779e-04	4.933574e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	-2.769820e-05	6.424211e-04	-4.879780e-04	2.324533e-03
## SPAPYUK71.03c	-2.510016e-04	2.519625e-03	-6.492259e-04	1.036532e-03
## SPNCRNA.209	7.055436e-07	1.092784e-05	-3.924495e-06	6.206504e-05
## SPAC513.04	-3.512727e-07	5.120207e-06	-1.111465e-07	-1.138197e-05
## SPAC513.06c	-8.264377e-05	6.950556e-04	5.126249e-04	-2.371728e-03
## SPAC513.07	-2.361252e-04	2.172637e-03	1.367122e-03	-9.299628e-03
## SPAC2E1P3.02c	-2.188961e-06	1.429358e-05	-2.996999e-05	6.926009e-05
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	1.023963e-07	-7.355537e-07	-1.876628e-06	2.198408e-06
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-4.662910e-05	4.240827e-04	-1.257353e-03	3.398620e-03
## SPNCRNA.861	-3.825509e-07	5.120990e-05	-6.391159e-05	1.249717e-04
## SPNCRNA.862	-1.256422e-05	1.799286e-04	-1.982559e-04	5.720999e-04
## SPNCRNA.863	3.827411e-06	1.355137e-04	-6.493604e-04	4.757058e-04
## SPAPB24D3.01	-3.113474e-05	2.144411e-04	-2.735635e-04	1.077936e-03
## SPAPB24D3.02c	-2.684167e-05	3.457137e-04	-6.489202e-05	7.396378e-04
## SPAPB24D3.03	-3.707803e-05	3.780839e-04	-2.955149e-04	7.945753e-04
## SPAPB24D3.04c	-2.319324e-05	1.539889e-04	1.213349e-05	-2.898131e-04
## SPAPB24D3.07c	-2.283809e-05	2.834931e-04	9.323368e-04	2.534417e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	-3.122622e-04	1.292408e-03	5.814201e-04	-9.935216e-03
## SPAPB24D3.10c	-1.607892e-05	4.724669e-05	6.882555e-05	2.599742e-04
## SPNCRNA.867	-7.421435e-06	9.180223e-05	-2.640437e-05	-2.385665e-04
## SPNCRNA.868	4.916316e-07	3.697365e-06	3.643623e-06	1.351599e-05
## SPNCRNA.869	-2.458868e-07	3.462398e-07	-1.354218e-06	-1.649434e-05
## SPAPB1A11.04c	-2.303186e-05	4.067605e-04	-5.533068e-04	1.696013e-03
## SPAC31G5.02	-6.062674e-05	8.728291e-04	3.414576e-05	1.904815e-03
## SPNCRNA.870	2.345654e-07	-6.960191e-07	-5.075861e-07	-7.896063e-06
## SPAC31G5.04	-1.175728e-04	1.299763e-03	-2.098928e-03	2.333277e-03
## SPAC31G5.06	-4.364134e-06	6.467333e-06	-1.691026e-06	-1.016178e-04
## SPNCRNA.871	-6.135626e-07	1.081596e-05	-1.892177e-05	3.051849e-05
## SPAC31G5.08	-3.214341e-05	7.232707e-04	-4.472931e-04	3.101983e-03
## SPNCRNA.71	-8.755076e-07	1.243302e-05	-9.414812e-07	-3.882270e-06
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	-1.071717e-05	1.584991e-04	-1.878830e-04	4.345771e-05
## SPAC31G5.11	-1.321957e-04	1.853109e-03	-1.881869e-04	6.967441e-03
## SPAC31G5.21	-2.348376e-05	1.321758e-04	-8.020718e-06	-4.225384e-04
## SPNCRNA.874	-9.647510e-07	9.257580e-06	-7.345184e-06	9.017763e-06
## SPAC31G5.14	-5.750215e-05	1.203105e-03	-2.430115e-04	2.258310e-03

## SPAC31G5.16c	-9.659874e-05	5.563483e-04	-7.668274e-04	1.448758e-03
## SPAC31G5.18c	-5.139464e-05	3.401443e-04	-4.760100e-05	-1.259563e-03
## SPAC31G5.19	-7.517990e-05	3.792503e-04	-2.096376e-04	2.391188e-03
## SPNCRNA.876	-6.057383e-07	9.177814e-06	-1.165876e-05	7.594206e-05
## SPNCRNA.877	-2.075598e-07	1.059996e-05	-2.618016e-05	2.664525e-05
## SPAC1786.02	-4.015922e-05	1.945398e-04	-1.181777e-03	9.903209e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	-2.673423e-05	1.961432e-04	-1.846037e-04	1.203025e-03
## SPAC24C9.02c	-3.359750e-05	3.215361e-04	-1.648140e-04	1.082179e-04
## SPAC24C9.04	-2.263663e-05	5.307368e-04	-2.294509e-04	1.417637e-03
## SPAC24C9.05c	-2.618251e-05	7.500589e-04	-4.346397e-04	3.804107e-03
## SPAC24C9.07c	-1.806198e-05	1.305299e-04	-2.153012e-04	7.931167e-04
## SPNCRNA.881	-6.187742e-07	1.712814e-05	-2.294074e-05	4.072133e-05
## SPNCRNA.882	-2.508618e-07	1.300658e-06	-3.354451e-06	-1.117908e-05
## SPAC24C9.08	-1.336399e-04	1.320937e-03	-6.789737e-04	-1.747359e-03
## SPAC24C9.10c	-3.286199e-05	3.186064e-04	-8.922568e-05	3.791201e-04
## SPAC24C9.11	-1.014540e-05	8.049595e-04	-7.156405e-04	5.277660e-03
## SPAC24C9.12c	-3.902632e-04	1.216829e-03	-2.665122e-03	1.002648e-02
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	-1.109825e-05	4.292415e-04	-2.605889e-04	8.470161e-04
## SPNCRNA.884	-3.297278e-07	1.528984e-06	-1.401455e-06	9.655501e-06
## SPATRNALYS.05	7.774725e-07	7.248284e-05	8.390290e-05	5.006606e-05
## SPAC16A10.05c	-1.490000e-05	1.922257e-04	-5.091407e-05	-1.269663e-04
## SPAC16A10.06c	-8.326962e-06	8.448021e-05	2.471308e-06	1.604087e-04
## SPAC16A10.07c	-5.610422e-05	6.748496e-04	-6.089949e-04	8.688649e-04
## SPNCRNA.885	1.409090e-06	9.052191e-05	-5.588573e-05	5.024710e-04
## SPAC16A10.08c	-4.210778e-06	7.812026e-05	-7.113973e-05	1.036944e-04
## SPAC589.03c	-6.873179e-06	1.461366e-04	-1.306708e-05	1.973819e-04
## SPAC589.06c	-2.199107e-04	1.613644e-03	-1.080030e-03	1.827839e-03
## SPAC589.08c	-8.599706e-06	4.954612e-05	-3.991416e-05	-4.132496e-05
## SPAC589.11	4.868627e-07	2.481766e-05	-2.249459e-05	1.808420e-04
## SPAC688.02c	-6.189563e-06	7.820838e-05	-1.067213e-04	4.110879e-04
## SPAC688.06c	-5.479296e-06	1.564762e-05	-5.129060e-05	8.524087e-05
## SPAC688.07c	-6.384263e-05	8.901068e-04	-7.739374e-04	1.413763e-03
## SPAC688.08	-4.602527e-05	5.549992e-04	-3.498651e-04	1.548830e-03
## SPAC688.09	-2.714235e-05	4.091481e-04	-4.389120e-04	1.487320e-03
## SPNCRNA.888	-2.996377e-06	5.083971e-05	-8.981465e-05	-1.163294e-04
## SPNCRNA.889	-2.067901e-06	3.616392e-05	-6.372307e-05	1.434545e-04
## SPAC688.13	-2.534783e-05	1.516290e-04	-3.811108e-06	-1.289506e-03
## SPNCRNA.890	3.888499e-07	2.499726e-05	-4.501209e-05	3.435086e-05
## SPAC688.14	-1.316362e-05	3.190145e-04	-3.107168e-04	1.294260e-03
## SPAC688.16	-3.495187e-05	3.353597e-04	-1.277102e-04	-8.893190e-05
## SPNCRNA.891	-1.705848e-06	2.297197e-05	-2.385145e-05	5.365191e-05
## SPAC3G9.15c	-1.334639e-05	5.079235e-05	-2.629976e-04	3.278313e-04
## SPNCRNA.216	1.361636e-07	1.123834e-07	-2.423500e-07	-4.932749e-08
## SPAC3G9.13c	3.442244e-06	2.633798e-04	-1.631646e-04	1.515178e-03
## SPNCRNA.217	-1.692941e-07	1.817557e-06	-9.435273e-06	2.880474e-06
## SPAC3G9.11c	-7.449961e-07	7.853479e-06	-1.667805e-05	1.577753e-05
## SPAC3G9.17	-2.029841e-06	5.324369e-05	-1.105615e-04	2.713837e-04
## SPATRNATHR.04	1.192402e-04	2.686646e-03	9.172152e-03	3.042023e-03
## SPNCRNA.218	-2.153906e-06	3.636691e-05	-2.469180e-05	1.709074e-04
## SPNCRNA.892	-8.579651e-08	8.976369e-06	4.100922e-05	4.799354e-05
## SPAC3G9.09c	-4.110170e-04	3.533286e-03	-3.890310e-03	2.603514e-03
## SPAC3G9.07c	-5.804165e-06	3.530009e-04	-7.431975e-05	1.269153e-03

## SPAC3G9.06	-1.914454e-04	1.999076e-03	-2.513317e-03	3.460177e-03
## SPAC3G9.03	-7.588808e-04	8.787943e-03	-3.234284e-03	3.212359e-02
## SPAC3G9.01	-1.938822e-06	4.539934e-06	-3.220182e-05	4.113287e-04
## SPAC1486.01	-2.100694e-04	2.095247e-03	1.680787e-03	-2.233642e-03
## SPAC1486.05	-2.347837e-04	5.955587e-03	-2.680508e-03	2.882066e-02
## SPNCRNA.894	-1.500260e-06	1.998790e-05	-1.234168e-05	1.072690e-04
## SPAC1486.11	-4.773467e-06	3.540448e-05	-1.394023e-05	7.266178e-05
## SPAC1486.07c	-1.565800e-05	1.643778e-04	-2.482124e-04	4.515943e-04
## SPAC1486.08	-1.496191e-05	2.871818e-04	-2.709161e-04	7.350218e-04
## SPAC1486.10	-1.993152e-05	6.096737e-04	-1.032818e-03	4.663180e-03
## SPAC6G10.02c	-1.391434e-05	1.179396e-03	-1.081505e-03	7.269865e-03
## SPAC6G10.03c	-7.407219e-05	4.479932e-04	1.305302e-04	-1.537435e-03
## SPAC6G10.04c	-2.852871e-04	2.551655e-03	-5.107193e-04	-2.225091e-03
## SPAC6G10.05c	-3.272114e-05	1.182831e-03	-8.774580e-04	6.367945e-03
## SPNCRNA.896	-4.844944e-06	7.244495e-05	-9.961656e-05	2.896352e-04
## SPAC6G10.07	-3.991708e-05	9.450730e-04	-8.977100e-04	4.613630e-03
## SPAC6G10.08	-1.513905e-04	2.218909e-03	-8.718299e-04	5.956893e-03
## SPAC6G10.09	-2.027745e-04	2.040790e-03	-2.470738e-03	9.146080e-03
## SPAC6G10.10c	-4.019142e-06	6.964714e-05	-6.893934e-05	2.187338e-04
## SPAC6G9.02c	-3.086361e-05	1.306886e-03	-1.225917e-03	9.550754e-03
## SPAC6G9.03c	-2.006099e-05	2.438921e-04	-1.916114e-04	4.573693e-04
## SPAC6G9.09c	-3.702246e-04	4.132054e-03	-4.397058e-03	1.444255e-02
## SPAC6G9.12	-4.301926e-05	5.073306e-04	-6.719502e-04	1.136936e-03
## SPNCRNA.899	-1.908240e-06	7.060681e-06	-4.012148e-06	-1.811342e-05
## SPAC6G9.15c	-4.124971e-06	1.969247e-04	-2.380790e-04	1.349016e-03
## SPAPB1E7.01c	-2.500463e-07	1.322147e-04	-3.015548e-04	5.327867e-04
## SPAC652.01	-1.604344e-05	1.655800e-04	1.288266e-05	4.454619e-04
## SPAPB1E7.03	-1.102167e-05	1.807815e-04	-1.599299e-05	1.572978e-03
## SPAPB1E7.04c	2.692223e-05	7.402585e-04	-1.833297e-03	2.129213e-02
## SPAPB1E7.06c	-9.472356e-06	1.892925e-05	-1.159033e-04	5.510896e-04
## SPNCRNA.900	-6.458892e-07	1.042528e-05	-2.501232e-05	-3.043805e-05
## SPAPB1E7.07	-8.331157e-04	7.819855e-03	-1.372849e-02	3.212328e-02
## SPNCRNA.901	6.954477e-07	4.641185e-06	8.914431e-06	1.571429e-05
## SPSNORNA.43	-1.505537e-08	2.050843e-07	3.216657e-07	-5.073158e-08
## SPAPB1E7.10	-3.712523e-06	3.678409e-05	-4.572629e-05	3.064262e-04
## SPAC2E1P5.01c	-3.563875e-05	7.591676e-04	-4.571143e-04	2.667185e-03
## SPAC2E1P5.03	-3.166749e-05	7.974761e-04	-1.011101e-03	3.764256e-03
## SPAC2E1P5.05	-1.704176e-05	1.131824e-03	-1.171019e-03	9.054962e-03
## SPAC26A3.02	-1.106949e-05	4.991609e-04	-1.013237e-04	1.728220e-03
## SPAC26A3.05	-1.238202e-03	1.064064e-02	-6.017670e-03	2.190049e-02
## SPAC26A3.08	-5.420858e-05	5.608038e-04	-2.522113e-04	1.727419e-03
## SPAC26A3.09c	-6.632159e-06	2.079872e-04	-3.201718e-04	2.002857e-03
## SPAC26A3.10	-7.184657e-05	1.588108e-03	-5.657868e-04	4.814774e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	-2.913660e-05	2.553688e-04	-1.462301e-04	2.919491e-03
## SPAC8E11.12	-2.523670e-07	6.821432e-07	-1.224693e-06	7.790934e-06
## SPNCRNA.903	6.035999e-07	1.476876e-05	-5.613326e-06	2.321835e-05
## SPAC8E11.08c	-5.318510e-07	1.369516e-05	-7.097811e-06	7.725276e-05
## SPAC8E11.06	2.124003e-07	6.148988e-06	-9.648003e-06	2.262588e-05
## SPAC8E11.04c	-2.268444e-05	3.893612e-04	-2.548297e-04	4.953140e-04
## SPNCRNA.904	-1.203166e-05	5.082442e-05	3.374647e-05	-1.571204e-04
## SPAC8E11.03c	-6.683797e-07	2.290521e-06	1.311397e-05	1.593486e-05
## SPAC8E11.02c	-4.063773e-04	1.453697e-03	-1.111388e-03	4.567073e-03
## SPAC959.02	-9.721456e-05	5.796028e-04	-5.750578e-04	2.217604e-04

## SPAC959.03c	-2.559117e-05	4.579421e-04	-9.778358e-04	3.198544e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-3.153339e-06	3.499880e-05	-4.993228e-06	-6.445242e-05
## SPAC959.05c	-1.014059e-05	1.465108e-04	-1.070921e-04	5.654100e-04
## SPAC959.07	-6.458213e-04	4.959018e-03	-3.555606e-03	2.281085e-02
## SPAC959.09c	-1.611636e-05	2.050247e-04	-1.208108e-04	5.020500e-04
## SPAP32A8.02	-1.359657e-04	7.645654e-04	3.103549e-04	-5.231642e-03
## SPAP32A8.03c	-7.216084e-06	7.342810e-05	-9.740995e-05	1.372456e-03
## SPAC3H5.10	-1.403905e-03	1.446072e-02	-5.678143e-03	1.535906e-02
## SPAC3H5.08c	-4.822145e-05	3.600142e-04	-1.423622e-04	7.704585e-04
## SPAC3H5.06c	-1.915062e-05	3.333760e-04	-7.245151e-04	4.582826e-03
## SPAC3A11.13	-8.253590e-06	1.414234e-04	-1.025821e-04	3.979559e-04
## SPAC3A11.12c	-2.294910e-04	1.683154e-03	-6.602359e-05	-2.395757e-03
## SPAC3A11.10c	-1.100047e-04	8.181716e-04	2.424490e-04	-3.528596e-03
## SPAC3A11.09	-1.005061e-04	8.129325e-04	-2.147987e-04	-4.066421e-04
## SPNCRNA.909	-1.497482e-05	6.383531e-05	-6.163961e-05	-5.357450e-04
## SPNCRNA.910	-5.290363e-06	-2.787386e-07	2.782917e-05	-3.025833e-05
## SPAC3A11.05c	-9.568119e-06	2.802949e-05	-1.002474e-04	-1.549824e-04
## SPAC3A11.04	-2.429332e-06	7.348323e-06	-8.837195e-05	1.318583e-04
## SPAC3A11.03	-1.182505e-05	1.264891e-04	-1.134989e-04	9.149355e-04
## SPAC3A11.02	-4.247521e-05	5.078289e-04	-2.724451e-04	1.213063e-03
## SPAC328.04	-1.086353e-04	3.547894e-04	2.405454e-04	-3.843309e-03
## SPAC328.05	-1.787124e-05	1.382714e-04	-1.726009e-04	5.073874e-04
## SPAC328.06	-1.698793e-04	1.495696e-03	-8.550479e-04	-3.189745e-04
## SPAC328.08c	-6.665185e-06	5.039171e-05	-1.605817e-05	2.073129e-04
## SPAC328.10c	-6.335172e-04	7.377397e-03	-2.452640e-03	1.274734e-02
## SPNCRNA.222	-1.649909e-07	1.057618e-06	4.356434e-06	6.251142e-06
## SPAC16E8.02	-7.873439e-06	1.152643e-04	-9.083155e-06	5.854281e-05
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	-9.293516e-07	1.599753e-05	-1.158208e-06	-5.814705e-05
## SPAC16E8.06c	-4.308857e-05	8.586428e-04	-1.076513e-03	5.250414e-03
## SPAC16E8.07c	-2.871702e-04	3.145610e-03	-1.052633e-03	4.229806e-03
## SPAC16E8.09	-3.698819e-05	2.922641e-04	-1.037470e-04	9.007889e-04
## SPAC16E8.13	-4.029943e-05	1.851525e-04	9.551196e-05	-7.684199e-04
## SPAC16E8.15	-1.535047e-04	1.616383e-03	-1.496359e-03	4.996161e-03
## SPAC16E8.18c	-5.763513e-06	1.132581e-04	-1.056003e-04	2.772173e-04
## SPAC1B1.01	-2.390698e-05	2.812177e-05	-5.030533e-06	7.069768e-04
## SPNCRNA.915	1.045711e-07	4.012996e-06	5.099442e-06	3.220037e-05
## SPAC17A2.01	-1.099295e-06	1.124751e-04	-3.391886e-04	8.053938e-04
## SPAC17A2.02c	-1.200017e-04	8.402608e-04	-1.961501e-03	2.674760e-03
## SPAC17A2.04c	-4.760200e-05	5.007260e-04	-1.514527e-04	9.901904e-04
## SPNCRNA.124	8.328502e-08	3.337339e-07	-2.477603e-08	3.732783e-06
## SPATRNNATRP.01	1.730413e-06	3.472460e-05	7.111757e-05	9.190632e-05
## SPAC17A2.05	-5.187955e-05	5.294847e-04	-2.713435e-04	1.502148e-03
## SPAC17A2.06c	-4.785121e-05	6.577790e-04	-3.969962e-04	1.552367e-03
## SPAC17A2.07c	-6.324345e-06	5.595552e-05	-2.461994e-05	2.392555e-04
## SPAC17A2.08c	-1.226113e-05	7.501673e-05	-9.986762e-05	3.385199e-04
## SPAC17A2.09c	-1.083712e-04	4.646510e-04	2.038566e-04	1.194162e-03
## SPAC17A2.10c	-2.448166e-06	1.773477e-06	-7.147759e-06	7.768877e-05
## SPAC17A2.11	-7.165310e-07	-1.430885e-06	2.148488e-06	3.518049e-05
## SPNCRNA.920	-9.184702e-06	4.737287e-05	9.911238e-06	9.747511e-07
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	-2.823890e-05	2.462730e-04	-5.426293e-05	-8.063824e-04
## SPATRNNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	-9.962021e-05	7.791237e-04	-2.812834e-04	2.350761e-03
## SPAC17G6.05c	-4.951634e-05	4.737985e-04	-1.791914e-04	1.331247e-03
## SPAC17G6.06	-1.094031e-03	1.243311e-02	3.385856e-03	9.553045e-03
## SPAC17G6.08	-1.432972e-05	2.903655e-04	-1.807171e-04	6.461264e-04
## SPAC17G6.10	-5.008003e-05	6.560563e-04	-3.070610e-04	1.415360e-03
## SPAC17G6.11c	-1.670435e-04	1.704976e-03	-1.602342e-04	3.834001e-03
## SPNCRNA.921	-6.727536e-09	2.268015e-06	-2.740278e-06	2.240246e-06
## SPAC17G6.13	-1.792016e-04	1.288731e-03	7.679533e-04	-4.705469e-03
## SPAC17G6.14c	-4.316092e-04	4.093340e-03	-3.352722e-03	4.217335e-03
## SPAC17G6.15c	-2.747122e-05	1.115970e-04	-1.054598e-04	1.487297e-03
## SPAC17G6.16c	-1.195842e-04	1.357684e-03	-4.588648e-04	1.350679e-03
## SPAC17G6.17	-9.941378e-06	3.043708e-04	-1.789371e-04	1.266995e-03
## SPAC1142.01	-7.599898e-05	8.758934e-04	6.390579e-05	1.548222e-03
## SPAC1142.02c	-1.426092e-04	1.547971e-03	-8.979084e-04	-2.350813e-04
## SPAC1142.04	-7.097333e-05	1.330341e-03	-2.337472e-03	1.040719e-02
## SPNCRNA.923	-5.228159e-07	2.849913e-06	1.828244e-05	4.497070e-05
## SPAC1142.05	-1.721190e-05	6.368811e-04	-1.788487e-03	3.597393e-03
## SPAC1142.06	-5.693332e-05	8.438710e-04	-1.107717e-03	1.896912e-03
## SPAC1142.07c	-4.365501e-05	5.193024e-04	-2.675012e-04	5.923328e-05
## SPAC1142.08	-1.836862e-05	7.556580e-05	-6.175899e-05	3.918421e-04
## SPAC1142.09	-1.752220e-07	-6.822678e-07	4.273356e-06	5.379983e-06
## SPNCRNA.925	-6.092376e-06	4.939211e-05	-5.273767e-05	-4.904221e-05
## SPAC8C9.04	-2.080629e-04	5.727470e-04	6.510852e-04	8.354124e-04
## SPAC8C9.07	-2.831398e-05	5.092778e-04	-3.456408e-04	9.031887e-04
## SPAC8C9.08	-8.525123e-04	8.461123e-03	-6.043122e-03	2.104791e-02
## SPAC8C9.09c	-8.015869e-06	1.287331e-04	3.092440e-05	4.081958e-04
## SPAC8C9.11	-1.024456e-05	1.052476e-04	-1.081963e-04	4.639848e-04
## SPNCRNA.228	-3.867981e-06	7.161518e-05	-7.418767e-05	1.421780e-04
## SPAC8C9.19	-8.894800e-07	1.700468e-05	-4.354754e-06	1.107145e-04
## SPAC8C9.12c	-1.079943e-05	2.292598e-04	-5.211386e-04	2.283313e-03
## SPAC8C9.14	-1.471228e-04	1.326314e-03	-3.203389e-04	1.176591e-03
## SPAC8C9.15c	-7.263012e-05	1.538995e-03	-1.455807e-03	6.834061e-03
## SPNCRNA.926	-4.959450e-06	8.094393e-05	4.345144e-05	2.647043e-04
## SPAC15A10.17	-7.972521e-06	1.864342e-05	-2.059370e-06	5.793896e-05
## SPAC15A10.06	-1.869800e-05	2.424655e-04	-2.542376e-04	8.830994e-04
## SPNCRNA.927	2.168314e-07	1.178457e-06	1.346153e-05	4.616013e-06
## SPAC15A10.08	-3.846968e-05	5.065600e-04	-3.048139e-04	1.672920e-03
## SPAC15A10.09c	-2.050979e-05	3.555016e-04	2.051872e-05	1.097813e-03
## SPNCRNA.928	-1.887441e-06	2.396863e-05	-1.773758e-05	6.518747e-05
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	2.429538e-05	1.268663e-03	2.016204e-03	2.073093e-03
## SPAC15A10.11	-1.902913e-04	7.319156e-04	-1.552825e-03	6.137507e-03
## SPAC15A10.12c	-1.724852e-05	3.082306e-04	-1.390108e-04	7.258007e-04
## SPAC15A10.13	9.997086e-06	2.573423e-04	-4.713825e-04	2.125420e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-6.535032e-06	5.364726e-05	-2.785833e-05	1.982009e-04
## SPAC15E1.03	-7.804026e-04	9.854586e-03	-5.015098e-03	2.573323e-02
## SPAC15E1.05c	-3.230140e-05	3.591016e-04	-1.952713e-04	1.351550e-03
## SPAC15E1.09	-1.649330e-05	2.634229e-04	-2.064224e-04	5.731199e-04
## SPAC15E1.10	-2.829659e-05	1.363295e-04	9.691896e-05	-8.319147e-04
## SPNCRNA.932	-6.749685e-08	7.929378e-06	9.241538e-07	-5.154768e-05
## SPAP7G5.02c	-3.020479e-04	3.403207e-03	-6.760034e-03	1.589678e-02
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAP7G5.05	-2.520657e-04	1.841642e-03	-1.050523e-03	3.057000e-03
## SPNCRNA.934	-2.510242e-05	2.246230e-04	-1.831571e-04	4.054579e-04
## SPNCRNA.935	-2.081285e-05	1.249303e-04	-3.809726e-05	-1.204535e-03
## SPNCRNA.84	-6.921795e-08	7.216942e-07	1.020214e-06	-3.596990e-06
## SPNCRNA.230	6.952179e-08	9.830856e-07	1.399129e-07	-1.960104e-06
## SPNCRNA.231	-2.790466e-07	-8.952932e-07	-1.258481e-06	-3.445548e-06
## SPNCRNA.232	4.957270e-08	3.526994e-07	-2.264967e-07	3.071785e-06
## SPATRNAILE.03	2.468464e-07	2.108017e-05	7.185791e-05	4.052656e-05
## SPNCRNA.233	1.542457e-08	4.697808e-08	-7.286044e-07	6.840339e-07
## SPATRNaGLU.04	-7.261308e-05	2.442124e-03	5.601378e-03	4.801950e-05
## SPATRNaALA.05	-3.634469e-06	7.084971e-05	4.856386e-05	-9.298322e-06
## SPNCRNA.234	-1.637184e-07	2.318234e-06	3.820126e-06	-4.044211e-07
## SPAC1556.01c	-3.240314e-05	4.090802e-04	-5.441857e-04	9.751228e-04
## SPAC1556.03	-6.481318e-05	6.594025e-04	-1.664934e-04	1.057280e-03
## SPAC1556.04c	-1.041030e-05	1.181922e-04	2.879795e-05	6.342326e-05
## SPAC1556.05c	-5.165636e-06	8.184570e-05	-8.090813e-05	4.435485e-04
## SPAC1F12.02c	-2.650186e-03	2.819662e-02	-7.069798e-05	1.786241e-02
## SPAC1F12.03c	-4.744112e-06	1.016198e-04	-1.628141e-04	4.014983e-04
## SPAC1F12.04c	-1.641811e-05	3.045405e-04	-2.355177e-04	1.225578e-03
## SPAC1F12.05	-2.014204e-05	2.165179e-04	-1.475186e-04	1.144660e-03
## SPAC1F12.07	-8.361125e-05	2.678986e-04	-1.082465e-03	8.396891e-04
## SPNCRNA.937	-5.608123e-07	5.615197e-05	-1.677858e-06	2.052132e-04
## SPAC4H3.01	-4.985681e-05	7.570631e-04	-9.986269e-04	2.116263e-03
## SPAC4H3.03c	-1.852326e-04	8.388533e-04	1.117725e-03	-1.067466e-02
## SPAC4H3.06	-8.084337e-06	1.689083e-04	-2.650695e-04	8.059313e-04
## SPAC4H3.09	-1.462364e-05	1.839439e-04	-1.618617e-04	5.943893e-04
## SPNCRNA.941	2.159986e-07	1.248835e-06	-4.283247e-06	-2.095969e-06
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-4.417380e-07	-1.467578e-06	-2.306948e-06	-7.232750e-06
## SPNCRNA.942	-1.176225e-05	2.612177e-04	1.853964e-04	4.050253e-04
## SPAC4H3.12c	2.095043e-06	2.380774e-05	-2.275347e-05	9.714295e-05
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	-8.322465e-05	1.215752e-03	-6.768774e-04	3.600161e-03
## SPAC1071.02	-7.626935e-05	1.147662e-03	-6.231810e-04	3.358912e-03
## SPAC1071.03c	-4.119317e-05	4.040746e-04	-2.364818e-04	1.323655e-03
## SPNCRNA.237	-4.668764e-07	4.620883e-06	-1.578388e-06	-3.220945e-05
## SPNCRNA.943	2.220109e-06	1.266061e-05	-3.515540e-05	1.465527e-04
## SPAC1071.05	-2.057508e-05	6.332330e-04	-8.238886e-04	3.174562e-03
## SPAC1071.06	-2.749246e-05	2.711717e-04	-2.605472e-04	1.293395e-03
## SPAC1071.08	-2.025953e-04	1.333946e-03	-1.878790e-03	6.664607e-03
## SPAC1071.10c	-1.887104e-03	-1.227989e-03	-2.533306e-02	1.547825e-01
## SPNCRNA.93	-1.427955e-07	1.991727e-06	1.207971e-06	7.124626e-06
## SPAC1071.13	-8.620890e-06	6.569940e-05	-3.109406e-05	1.917345e-04
## SPNCRNA.945	-9.988459e-08	4.599756e-06	-3.962268e-05	5.742117e-05
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	-2.982764e-05	3.932493e-04	-4.762083e-04	5.195364e-04
## SPAC926.02	-7.394019e-06	1.974914e-04	-8.384036e-05	6.943124e-04
## SPNCRNA.946	-6.595003e-06	1.415638e-04	-1.164199e-04	6.470447e-04
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	-7.607980e-06	4.720722e-05	-1.328659e-04	2.966917e-04
## SPAC926.04c	-2.957097e-03	2.926642e-02	-4.283278e-02	4.935143e-02
## SPRRNA.18	-2.935268e-04	4.203279e-03	3.798335e-03	-1.839623e-03
## SPAC926.05c	-6.800076e-06	1.769201e-04	-1.488537e-04	7.029166e-04
## SPAC926.09c	-2.773612e-03	1.591285e-02	-2.544829e-02	3.742155e-02

## SPAC323.01c	-1.503926e-05	2.930021e-04	-1.649330e-04	1.551340e-03
## SPNCRNA.948	1.146553e-06	7.637902e-06	-4.276760e-06	4.616055e-05
## SPAC323.06c	-2.379684e-05	1.934875e-04	7.098122e-05	1.002886e-04
## SPAC323.07c	-8.311155e-06	5.582215e-04	-4.316408e-04	2.492277e-03
## SPAC2F3.02	-3.764367e-05	4.445172e-04	-1.322051e-04	6.984708e-04
## SPAC2F3.03c	-6.007713e-05	9.416498e-04	-1.374452e-03	5.511802e-03
## SPAC2F3.04c	-3.318784e-05	3.979677e-04	-2.859712e-04	1.121273e-03
## SPAC2F3.05c	-1.652064e-04	7.385813e-04	1.056311e-03	-9.107198e-03
## SPAC2F3.06c	-1.684125e-04	1.931877e-03	-1.592976e-03	6.646125e-03
## SPAC2F3.08	-8.223231e-05	2.078215e-04	-7.979476e-05	-3.792030e-03
## SPNCRNA.949	-1.245914e-05	1.299470e-04	-1.845009e-04	5.178937e-04
## SPNCRNA.950	-1.879027e-07	-2.097647e-07	-2.534393e-06	-2.471146e-06
## SPAC2F3.18c	-3.864682e-05	7.190212e-04	-4.631008e-04	2.528185e-03
## SPAC2F3.11	-6.607309e-05	8.502207e-04	-2.142285e-04	8.779446e-04
## SPNCRNA.240	-2.718945e-07	2.996431e-06	-2.502051e-06	2.372594e-05
## SPAC11G7.01	-7.973127e-05	5.662541e-04	-6.873140e-05	1.692019e-03
## SPAC11G7.02	-1.429453e-04	7.772207e-04	-6.975091e-04	1.718905e-03
## SPAC11G7.03	-1.427346e-04	1.586543e-03	4.827343e-04	-3.956913e-04
## SPAC11G7.04	-2.478714e-04	1.108312e-03	-1.288420e-03	6.418360e-03
## SPAPB18E9.01	-5.324528e-05	7.551234e-04	-8.869627e-05	1.949541e-03
## SPAPB18E9.05c	-6.560304e-06	1.410568e-04	-5.686084e-04	4.437371e-03
## SPAPB15E9.01c	-2.263344e-04	-1.185862e-03	-2.103372e-03	4.825415e-02
## SPAPB15E9.02c	-2.450005e-06	4.542250e-05	-4.931719e-05	4.315195e-04
## SPAC27E2.02	-5.088072e-06	1.622566e-04	-1.719795e-04	1.063690e-03
## SPNCRNA.53	2.077269e-08	-5.921175e-08	3.977677e-08	1.668823e-08
## SPAC27E2.14	5.949474e-07	7.166059e-05	-6.244050e-05	3.374564e-04
## SPAC27E2.05	-3.926827e-05	2.665975e-04	-8.636711e-05	1.019008e-03
## SPAC27E2.09	-1.121486e-04	9.952580e-04	-9.626617e-04	4.338600e-03
## SPAC27E2.10c	-1.253900e-05	3.188181e-04	-2.803175e-04	1.601348e-03
## SPAPJ698.03c	-4.561228e-05	1.092920e-03	-8.977096e-04	5.417679e-03
## SPAC19G12.02c	-1.792588e-05	2.331933e-04	-4.164438e-04	6.983137e-04
## SPAC19G12.04	-5.173281e-06	8.382872e-05	1.353012e-05	1.740487e-04
## SPAC19G12.06c	-2.170975e-04	1.277575e-03	-1.228967e-03	1.745910e-03
## SPAC19G12.07c	-1.438200e-05	2.989943e-04	-2.427719e-04	2.027796e-03
## SPAC19G12.08	-5.702476e-05	1.323769e-04	-4.764053e-04	4.095496e-03
## SPATRNALEU.04	2.237012e-04	6.147684e-03	1.582162e-02	1.559802e-02
## SPAC19G12.09	-2.389283e-04	1.181481e-03	1.328895e-03	-1.175041e-02
## SPAC19G12.13c	-1.108475e-05	2.315569e-04	-1.803820e-04	1.053142e-03
## SPAC19G12.14	-7.075616e-06	1.146410e-04	-1.313178e-04	1.494142e-03
## SPAC23A1.07	-1.144242e-06	1.834388e-04	-1.130957e-04	9.013708e-04
## SPAC23A1.08c	-8.740279e-04	1.022490e-02	-3.260829e-03	1.949364e-02
## SPAC23A1.10	-2.189443e-03	9.698842e-03	-1.418663e-03	1.580067e-02
## SPAC23A1.15c	-3.844399e-05	3.492698e-04	-1.763207e-04	-1.079944e-03
## SPAC23A1.16c	-8.505363e-06	5.210813e-05	3.399671e-06	1.387936e-04
## SPNCRNA.341	1.014964e-07	5.304829e-07	-2.541651e-06	-2.377454e-06
## SPAC26H5.04	-7.383297e-05	4.275217e-04	-1.090370e-04	-2.718248e-03
## SPNCRNA.961	-2.433026e-06	4.369171e-05	-3.414840e-05	6.858212e-05
## SPAC26H5.07c	-8.471565e-05	1.097926e-03	-8.849987e-04	4.424493e-03
## SPAC26H5.08c	-1.624598e-04	5.578455e-04	9.792506e-04	-3.382377e-03
## SPNCRNA.962	1.564457e-08	1.594796e-07	1.467924e-07	4.741273e-07
## SPNCRNA.306	6.692638e-08	9.807899e-07	5.442786e-07	2.008559e-06
## SPAC26H5.09c	-1.909703e-04	5.880445e-04	2.279615e-04	-5.366033e-03
## SPAC26H5.10c	-1.778779e-03	2.106196e-02	-5.201089e-03	4.521699e-02
## SPNCRNA.964	-1.633578e-06	1.356873e-05	-2.880065e-05	3.396810e-05

## SPNCRNA.965	-1.614718e-08	2.137998e-05	-4.048472e-05	2.888895e-04
## SPNCRNA.242	-3.346405e-03	3.325688e-02	7.831776e-02	2.047464e-02
## SPSNORNA.13	-2.911042e-03	2.102142e-02	3.363283e-02	2.343580e-02
## SPAC25B8.02	-5.831136e-06	1.063989e-04	-1.672720e-04	2.942028e-04
## SPAC25B8.03	-5.822972e-05	4.600851e-04	5.342349e-05	6.834126e-04
## SPAC25B8.04c	-1.158508e-05	1.548619e-05	2.953345e-05	3.506851e-04
## SPAC25B8.05	-3.882795e-08	1.243620e-04	-2.356404e-04	1.241789e-03
## SPAC25B8.07c	-3.418528e-05	4.194240e-04	-5.841588e-05	4.361251e-04
## SPAC25B8.20	-4.348665e-07	4.774919e-05	-5.358188e-05	2.411345e-04
## SPNCRNA.967	-1.960137e-06	1.829145e-05	7.130595e-06	6.421527e-05
## SPAC25B8.10	-4.726544e-05	7.400340e-04	-3.770206e-04	6.127857e-04
## SPAC25B8.11	-6.367469e-05	1.081375e-03	-2.876284e-04	2.541947e-03
## SPNCRNA.968	-1.448037e-05	3.360697e-05	8.216202e-06	-5.345082e-04
## SPAC25B8.13c	-1.653543e-04	3.605238e-04	5.193065e-04	-6.537694e-03
## SPRRNA.19	-9.474337e-06	2.314888e-04	1.936390e-04	-9.253329e-06
## SPAC25B8.14	-1.437052e-05	1.903269e-04	-6.999286e-05	5.315285e-04
## SPAC25B8.15c	-6.554365e-06	8.324962e-05	-1.556428e-04	6.650931e-04
## SPAC25B8.16	-1.615527e-05	2.058702e-04	-3.270598e-04	1.274166e-03
## SPNCRNA.970	-1.548925e-06	6.254435e-05	4.061420e-06	2.161640e-04
## SPNCRNA.971	1.083528e-06	2.038922e-05	-3.492361e-05	1.087393e-04
## SPAC694.03	-2.162027e-06	1.565728e-04	-1.117922e-04	6.040087e-04
## SPAC694.04c	-9.486550e-05	7.617417e-04	-1.000521e-03	1.446642e-03
## SPNCRNA.972	-1.716243e-06	6.528193e-05	2.860032e-05	1.443785e-04
## SPAC1F7.02c	-3.963757e-05	9.016905e-04	-1.733315e-03	1.133802e-02
## SPAC1F7.03	-1.326469e-04	1.538541e-03	-7.938201e-05	2.045677e-03
## SPAC1F7.06	3.662549e-07	1.692853e-06	-6.729224e-06	9.375662e-06
## SPAC1F7.07c	1.137639e-05	1.951388e-05	-1.123518e-03	4.915100e-03
## SPSNORNA.14	1.220691e-08	-2.547667e-07	4.354036e-08	-1.618802e-06
## SPRRNA.20	-2.086150e-04	6.932700e-03	4.382018e-03	-2.527589e-03
## SPAC1F7.10	-2.586800e-05	3.391323e-04	-2.036206e-05	7.110499e-04
## SPAC1F7.11c	-2.930200e-05	2.126612e-04	-2.528739e-04	9.939576e-04
## SPAC1F7.12	-9.522470e-05	1.135973e-03	1.148629e-03	2.679515e-04
## SPAC21E11.03c	-1.142336e-04	6.814366e-05	1.229930e-04	-4.089631e-03
## SPAC21E11.05c	-1.696957e-05	3.578399e-04	-3.641065e-04	8.943262e-04
## SPAC21E11.08	-1.071774e-04	2.640266e-04	-5.435140e-04	2.134551e-03
## SPATRNASER.03	-2.573941e-05	4.914287e-04	4.168725e-04	7.307420e-04
## SPATRNAMET.03	-2.210381e-07	1.616917e-04	2.972186e-04	1.143012e-04
## SPAC2C4.05	-3.607088e-05	7.602630e-04	-1.873818e-04	3.392530e-03
## SPAC2C4.06c	-6.686379e-06	2.159105e-04	-3.110109e-04	1.683500e-03
## SPAC2C4.08	-2.108224e-06	3.669022e-05	-2.145272e-05	6.713321e-05
## SPAC2C4.11c	-2.990630e-05	6.720473e-04	-4.516539e-04	4.219929e-03
## SPAC2C4.12c	-6.474284e-06	3.314298e-04	-4.303483e-04	2.281679e-03
## SPAC2C4.14c	-5.427596e-05	7.833457e-04	-4.345176e-04	2.583019e-03
## SPAC2C4.15c	-7.407900e-05	5.009743e-04	1.838156e-04	-2.181238e-03
## SPAC2C4.16c	-2.445159e-03	2.561804e-02	3.180598e-03	4.124946e-02
## SPNCRNA.974	-1.572432e-05	5.307049e-05	-4.285082e-06	-5.743429e-04
## SPNCRNA.975	-6.296563e-06	4.897316e-05	-7.049114e-05	8.881295e-06
## SPNCRNA.976	-3.097841e-06	2.945066e-05	-1.005890e-05	-3.583963e-05
## SPAC25G10.01	-3.830974e-05	3.934199e-04	-4.559211e-04	9.927774e-05
## SPAC25G10.05c	-2.060731e-04	1.434632e-03	-1.983996e-03	5.432143e-03
## SPAC25G10.06	-5.025484e-04	7.313409e-03	-1.088771e-04	9.467432e-03
## SPAC25G10.07c	-2.267574e-05	3.250477e-04	-3.221390e-04	5.414383e-04
## SPAC25G10.09c	-1.030818e-04	6.970440e-05	-1.805789e-04	7.741866e-03
## SPAC27F1.02c	-2.071551e-04	2.278998e-03	-1.489229e-03	3.741401e-03

## SPAC27F1.03c	-5.532638e-06	7.921391e-05	-8.730757e-05	2.216764e-04
## SPAC27F1.04c	-3.557475e-06	1.182886e-04	-1.084538e-04	5.374167e-04
## SPAC27F1.07	-1.559274e-04	1.626755e-03	-8.834586e-04	4.518464e-03
## SPAC27F1.08	-7.091400e-05	4.272690e-04	-1.907623e-04	-4.824620e-04
## SPAC27F1.09c	-1.749172e-04	1.549312e-03	-1.028542e-03	8.204696e-04
## SPAC23D3.01	2.212642e-07	2.236370e-04	-3.552576e-04	1.562328e-03
## SPAC23D3.02	-2.251211e-05	4.798131e-04	-1.649793e-04	2.216283e-03
## SPAC23D3.03c	-7.644137e-05	1.153923e-03	-2.046641e-04	3.143611e-03
## SPNCRNA.979	-5.195061e-06	2.003613e-04	-3.403022e-04	7.374779e-04
## SPAC23D3.08	-2.524018e-05	3.617954e-04	-3.921334e-04	1.845179e-03
## SPAC23D3.11	-7.482059e-05	4.205069e-04	4.540444e-04	-1.825981e-03
## SPNCRNA.980	-6.555968e-06	3.466763e-05	-3.379298e-05	2.063184e-05
## SPAC23D3.17	-4.762473e-06	1.369864e-04	-4.444432e-05	3.742647e-04
## SPNCRNA.981	-1.005575e-06	1.756677e-05	1.875654e-05	9.958563e-05
## SPAC30.01c	-5.901216e-05	8.636902e-04	-1.363330e-03	7.903389e-03
## SPAC30.02c	-9.587727e-06	3.788305e-04	-1.241733e-04	1.592723e-03
## SPAC30.04c	-1.191697e-04	7.914840e-04	-1.365471e-03	8.022368e-03
## SPAC29E6.01	-4.373032e-05	3.891211e-04	-1.231465e-04	-2.354095e-04
## SPAC29E6.03c	-3.080925e-05	8.965853e-04	-9.662196e-04	4.591321e-03
## SPAC29E6.05c	-1.391037e-05	1.220759e-04	2.468579e-05	2.564290e-04
## SPAC29E6.04	-2.518003e-06	1.256386e-04	-1.550889e-04	3.563780e-04
## SPAC29E6.07	-1.620875e-06	1.030830e-05	4.634265e-07	1.787228e-05
## SPAC29E6.08	-4.028754e-04	2.447553e-03	-6.308772e-04	-5.710194e-03
## SPAC16.01	-2.002233e-05	1.287912e-04	-1.045023e-04	-5.929292e-05
## SPNCRNA.986	-2.438195e-06	7.104590e-06	-9.146299e-06	-3.062391e-05
## SPAC16.03c	-3.406185e-05	5.262217e-04	-4.545760e-04	1.241989e-03
## SPAC16.05c	-1.002702e-04	4.172629e-04	-4.522029e-04	2.044919e-03
## SPAC9E9.01	4.392797e-07	2.149271e-06	-6.114727e-06	-4.228851e-07
## SPAC9E9.17c	-5.593575e-08	1.180385e-06	-3.239189e-06	1.295206e-05
## SPNCRNA.987	-3.298874e-07	3.369755e-06	3.555622e-06	1.528895e-05
## SPNCRNA.12	1.494782e-07	7.404485e-07	7.696338e-08	-2.454267e-06
## SPAC9E9.03	-2.534188e-04	5.266867e-03	-8.629727e-03	2.496311e-02
## SPAC9E9.04	-1.036169e-04	1.982211e-04	2.677623e-04	-3.110600e-03
## SPAC9E9.09c	-1.738267e-03	5.678136e-03	-3.145993e-03	-2.055447e-02
## SPNCRNA.989	-1.224610e-05	4.436985e-05	5.712145e-05	-1.879008e-04
## SPAC9E9.15	-5.739648e-05	2.908763e-04	2.047034e-05	-2.179851e-03
## SPNCRNA.311	2.095050e-07	-4.397691e-07	5.920392e-06	5.174712e-06
## SPNCRNA.991	-5.827855e-07	1.863830e-05	-4.692741e-06	1.286360e-04
## SPAC17C9.14	-2.221443e-06	3.892976e-06	-1.350654e-05	3.095596e-04
## SPAC17C9.10	-4.910395e-05	2.121926e-04	-1.580538e-04	1.357546e-03
## SPAC17C9.07	-2.833413e-05	1.681484e-04	-1.991364e-04	5.438978e-04
## SPAC17C9.05c	-5.180332e-06	6.428924e-05	-8.365595e-07	9.438143e-05
## SPAC17C9.01c	-4.170351e-05	2.092609e-04	-2.706273e-04	2.397520e-04
## SPAC1851.04c	-6.514519e-05	3.641117e-04	-1.735909e-04	5.941181e-04
## SPAC27D7.02c	-1.207291e-05	2.903579e-04	-3.798977e-04	1.095677e-03
## SPNCRNA.993	-1.514536e-07	-7.080281e-07	-1.142337e-05	4.774570e-05
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-1.357786e-04	1.675693e-03	-8.370483e-04	1.921091e-03
## SPNCRNA.995	-6.228290e-06	-3.859927e-06	-7.591955e-06	-1.660209e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	-3.387886e-06	2.675356e-05	-2.220072e-05	-2.004024e-04
## SPAC637.03	-2.651298e-04	6.002763e-04	1.258873e-03	-1.616535e-02
## SPAC637.04	-6.498706e-05	5.073765e-04	-1.404436e-04	1.071730e-03

## SPAC637.05c	-1.580111e-04	1.137618e-03	-6.798704e-04	4.291349e-03
## SPAC637.06	-3.906499e-04	2.990625e-03	2.370572e-03	-1.874461e-03
## SPAC637.09	-6.650242e-05	1.051137e-03	-8.435036e-04	4.460542e-03
## SPNCRNA.999	4.416321e-07	6.442869e-06	-1.587558e-06	-3.044026e-05
## SPAC637.11	-1.077960e-05	1.724409e-04	-3.497055e-04	9.139191e-04
## SPAC637.12c	-2.529638e-05	5.043688e-04	-2.288132e-04	1.576798e-03
## SPNCRNA.1000	-5.492664e-07	-1.343345e-07	-8.497537e-06	-5.852230e-05
## SPAC637.13c	-6.919350e-05	1.047868e-04	1.078181e-04	-1.009983e-03
## SPNCRNA.249	-9.429979e-07	1.709620e-05	-3.270544e-07	8.056748e-05
## SPAC31F12.01	-4.900978e-05	3.006864e-04	-4.148851e-04	1.922687e-03
## SPAC12B10.02c	-3.785212e-05	5.522837e-04	-3.839588e-04	5.431322e-04
## SPAC12B10.03	-2.166799e-05	2.329425e-04	-1.519665e-04	6.152377e-04
## SPNCRNA.1001	-2.309198e-07	4.001511e-05	1.369709e-05	1.578915e-04
## SPAC12B10.04	-2.927826e-05	5.241492e-04	-2.971412e-04	1.857431e-03
## SPAC12B10.07	-7.963517e-05	9.625715e-04	-1.137003e-04	8.375153e-04
## SPAC12B10.08c	-3.948457e-06	1.011311e-04	-4.881554e-05	2.937554e-04
## SPAC12B10.09	-1.951627e-05	3.305509e-04	-9.425885e-05	1.132283e-03
## SPAC12B10.10	-5.377898e-06	1.108061e-04	-7.141570e-05	3.127351e-04
## SPNCRNA.1003	-5.105949e-07	1.375051e-05	1.033153e-05	1.042169e-05
## SPAC12B10.15c	-2.173330e-06	3.732555e-05	-6.663499e-06	1.668457e-04
## SPNCRNA.1004	-4.654770e-06	3.745560e-05	-5.811932e-05	1.557965e-04
## SPAC1093.07	-4.960561e-06	3.833733e-05	-4.844168e-05	3.871593e-05
## SPAC1093.01	-1.714857e-04	1.635560e-03	-5.764734e-04	-5.717253e-05
## SPAC1093.02	-6.347184e-05	1.095166e-03	-4.937914e-04	1.579015e-03
## SPAC1093.03	-2.598178e-05	3.710361e-04	-3.156421e-04	1.705415e-03
## SPAC1093.04c	-1.341318e-05	5.678730e-04	-3.020054e-04	2.210013e-03
## SPAC1093.06c	-4.709289e-05	8.617155e-04	-1.141894e-03	5.436191e-03
## SPNCRNA.1006	-1.260078e-06	1.599576e-05	-3.012241e-06	-8.268704e-06
## SPAC30C2.02	-1.268699e-05	1.250366e-04	-6.669893e-04	3.524350e-03
## SPAC30C2.04	-2.904967e-04	2.726650e-03	-3.762300e-03	4.961075e-03
## SPAC30C2.05	-3.387112e-05	2.837409e-04	-1.025149e-04	4.164025e-04
## SPAC30C2.07	-5.299953e-05	7.550446e-04	-9.197839e-04	3.137166e-03
## SPNCRNA.1008	-1.210256e-05	5.919944e-05	-4.079558e-05	-2.216553e-05
## SPAC1635.01	-2.665560e-04	1.768553e-03	4.812361e-04	-1.624553e-03
## SPNCRNA.1009	-1.531564e-06	6.423446e-06	2.562739e-06	-3.923342e-06
## SPAC144.02	-2.787899e-05	3.520934e-04	6.773886e-05	9.208397e-04
## SPAC144.03	-4.677711e-04	5.396940e-03	-2.703429e-03	3.110891e-03
## SPAC144.04c	-3.864644e-04	3.472349e-03	-1.695463e-05	-1.624367e-03
## SPAC144.05	-4.585681e-05	3.895206e-04	-9.892231e-05	4.200048e-04
## SPAC144.10c	-5.627866e-05	6.852718e-04	1.766781e-04	-1.101847e-05
## SPNCRNA.1013	-1.246854e-06	-3.091777e-06	5.731634e-06	4.244658e-05
## SPNCRNA.1014	-1.069105e-06	1.601120e-05	-3.175060e-05	3.494506e-05
## SPAC144.12	-6.264846e-05	1.390666e-03	-3.033066e-03	9.490781e-03
## SPAC144.13c	-1.166982e-05	2.021260e-04	-1.990556e-04	9.167179e-04
## SPAC144.16	-1.696579e-05	1.992588e-04	-1.170227e-04	1.209548e-04
## SPNCRNA.1016	-2.219781e-06	5.587694e-05	-1.761704e-05	1.558003e-04
## SPNCRNA.1017	-1.545731e-07	6.592342e-06	-7.225821e-07	1.003336e-05
## SPAC1834.03c	-1.680284e-04	2.909908e-03	-4.292851e-03	1.345230e-02
## SPAC1834.04	-2.732659e-04	3.310644e-03	-5.044434e-03	9.806174e-03
## SPAC1834.05	-4.861481e-05	1.193732e-03	-7.233517e-04	5.487671e-03
## SPAC1834.08	-1.686160e-04	1.246716e-03	-6.700945e-04	-1.179594e-04
## SPATRNATHR.05	-4.775604e-06	7.042267e-04	1.398282e-03	4.597524e-04
## SPAC1834.10c	1.728135e-07	2.120964e-04	-1.439544e-04	1.294452e-03
## SPAC1834.13	-2.555673e-07	3.942182e-06	-9.294276e-06	-5.313327e-06

## SPAC17D4.01	-1.864069e-04	1.460228e-03	-4.117290e-03	1.069040e-02
## SPAC17D4.02	-9.392785e-06	3.093247e-04	-4.579849e-04	2.007982e-03
## SPAC17D4.04	-3.085441e-05	6.429265e-04	-9.702146e-04	3.807484e-03
## SPAC458.02c	-1.897775e-04	2.268744e-03	-3.009779e-03	4.818608e-03
## SPNCRNA.1019	-2.190584e-06	2.091962e-05	-5.528167e-06	-1.024904e-04
## SPAC458.03	-5.597144e-05	4.113054e-04	-1.535793e-04	-7.200147e-04
## SPNCRNA.1020	6.588901e-07	1.264398e-05	-7.568950e-06	2.205471e-05
## SPAC458.07	-1.045095e-05	2.756426e-04	-6.341270e-05	3.308587e-04
## SPAPYUG7.02c	-3.350535e-05	2.391513e-04	-2.601313e-04	9.222589e-04
## SPNCRNA.1022	-1.645879e-06	7.765081e-06	3.668370e-06	8.664710e-05
## SPAC1782.01	-9.869705e-05	1.098227e-03	-1.265930e-05	4.335430e-03
## SPAC1782.03	-7.492308e-06	6.280561e-05	-1.260432e-04	1.630406e-05
## SPAC1782.06c	-1.252358e-04	1.398304e-03	-1.719131e-04	-2.393087e-05
## SPNCRNA.1023	-6.578028e-06	2.980569e-05	-6.872608e-05	-3.690780e-06
## SPAC1782.09c	-1.471586e-05	1.409752e-04	-8.053037e-05	1.116516e-03
## SPAC1782.10c	-1.484641e-04	2.144551e-03	-1.637235e-03	7.449525e-03
## SPAC1782.11	-1.819145e-04	1.258515e-03	-1.214649e-03	3.486416e-03
## SPAC11H11.02c	-1.926291e-05	3.096484e-04	1.014915e-05	1.039097e-03
## SPAC11H11.01	-5.582281e-06	1.893099e-05	7.954822e-06	-1.342334e-04
## SPAC11H11.03c	-7.801658e-06	2.108680e-04	4.668305e-06	7.264476e-04
## SPAC11H11.04	-5.525306e-06	5.006237e-05	-6.534455e-06	7.373360e-05
## SPAC11H11.06	-4.201029e-04	3.761304e-03	1.036261e-04	-4.848794e-03
## SPAC22F8.03c	1.245095e-07	-6.621096e-08	-2.846774e-07	-3.432833e-06
## SPAC22F8.07c	-2.145340e-05	1.343878e-04	-1.276827e-04	8.585488e-04
## SPAC22F8.08	-2.070095e-04	1.696659e-03	-8.899564e-04	5.553512e-03
## SPAC22F8.11	-6.937988e-05	9.823331e-04	-3.246185e-04	1.493734e-03
## SPAC22F8.12c	-1.315813e-05	1.664156e-04	-8.642035e-05	6.410046e-04
## SPAC20G4.02c	-2.818072e-05	2.395990e-04	-1.418462e-04	-7.454425e-04
## SPAC20G4.03c	-8.462179e-05	6.782646e-04	6.298724e-04	-3.561635e-03
## SPAC20G4.04c	-1.284610e-05	2.426564e-04	-6.827126e-05	4.245467e-04
## SPNCRNA.1027	-4.256300e-06	7.820199e-05	-8.460627e-05	4.755513e-04
## SPAC20G4.09	-1.413005e-06	6.865093e-06	1.907294e-05	4.278083e-05
## SPAC20G4.07c	-5.849762e-05	6.149728e-04	-1.459933e-04	1.838502e-03
## SPAC4F10.03c	-1.456071e-05	2.661184e-04	-1.492414e-04	1.363604e-03
## SPAC4F10.04	-4.165679e-05	4.694974e-04	-1.871293e-04	9.903050e-05
## SPNCRNA.1028	-5.425980e-07	4.036279e-05	2.664186e-06	6.800968e-05
## SPAC4F10.08	-5.526753e-06	3.346088e-05	-6.326492e-08	-2.774907e-04
## SPAC4F10.12	-2.723583e-05	3.339249e-04	9.615907e-05	7.642969e-04
## SPAC4F10.13c	-1.190391e-04	1.934100e-03	-2.702197e-04	4.951159e-03
## SPNCRNA.1030	-2.906166e-07	6.194026e-06	4.251912e-06	-3.316622e-05
## SPAC4F10.15c	-8.253991e-06	3.141824e-05	-5.215761e-05	6.255269e-04
## SPAC4F10.16c	-2.029190e-05	2.957344e-04	-3.214962e-04	4.029548e-03
## SPAC4F10.18	-1.969294e-05	5.987699e-04	-1.618219e-04	1.746491e-03
## SPAC4F10.19c	-1.954241e-06	1.028589e-04	-9.286760e-05	2.500014e-04
## SPAC19B12.01	-2.020698e-05	1.338243e-03	-1.913580e-03	1.058044e-02
## SPNCRNA.255	2.010005e-07	6.546103e-07	1.012910e-06	1.395001e-05
## SPAC19B12.03	-1.680883e-04	2.112042e-03	-1.778166e-03	1.557476e-02
## SPNCRNA.1034	2.848233e-06	2.607399e-05	1.793261e-06	1.444645e-04
## SPAC19B12.04	-2.976404e-04	4.163361e-03	-3.913389e-03	1.061070e-02
## SPAC19B12.07c	-1.494165e-05	2.871125e-04	-9.153075e-05	5.934638e-04
## SPAC19B12.10	-1.335728e-05	5.604295e-05	-6.595993e-06	-3.035163e-04
## SPAC19B12.12c	-5.814590e-06	5.331024e-05	-8.546209e-05	2.222002e-04
## SPAC19B12.13	-3.679976e-06	2.477062e-05	-1.081142e-04	1.827741e-04
## SPNCRNA.1035	-1.450727e-07	1.244744e-05	-2.727191e-05	-1.334809e-04

## SPAPB8E5.04c	-4.542032e-05	2.557721e-04	5.261900e-05	5.418424e-04
## SPAPB8E5.06c	-4.178132e-04	2.579187e-03	-2.311354e-03	1.111077e-02
## SPAC1B3.01c	-4.486079e-05	1.131131e-03	-8.960092e-05	4.277757e-03
## SPAC1B3.02c	-8.054551e-05	1.017324e-03	-3.724391e-04	2.221278e-03
## SPNCRNA.1036	1.747845e-07	1.036033e-05	-2.677051e-07	-4.719450e-05
## SPAC1B3.03c	-3.233894e-04	3.984168e-03	-4.768546e-03	8.055384e-04
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	4.821518e-07	-4.376553e-08	1.779095e-06	1.570804e-05
## SPNCRNA.1038	-3.100378e-04	5.681978e-03	3.142901e-03	8.079153e-03
## SPAC1B3.07c	-9.944793e-06	1.890279e-04	-1.678526e-04	1.013349e-03
## SPAC1B3.08	-1.207429e-04	8.300323e-04	1.897815e-04	-2.207349e-03
## SPAC1B3.10c	-2.061342e-05	2.651533e-04	-2.979420e-04	5.211470e-04
## SPAC1B3.11c	-1.361650e-05	1.194838e-04	-5.771395e-06	-1.454873e-04
## SPAC1B3.20	-2.560633e-05	2.553886e-04	1.121822e-04	-6.236519e-04
## SPAC1B3.13	-5.082536e-05	1.224215e-03	-2.073705e-03	1.005899e-02
## SPAC1B3.15c	-4.892068e-06	6.216852e-05	-2.582499e-05	2.524975e-04
## SPAC1B3.16c	-9.935618e-05	2.763476e-03	-8.605481e-03	5.206455e-03
## SPNCRNA.1039	1.857371e-07	3.808786e-06	-9.337247e-06	2.466754e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	-1.046688e-05	2.500361e-04	-2.708392e-04	1.181340e-03
## SPAC1952.05	-1.156235e-06	5.205119e-04	-4.449799e-04	2.944019e-03
## SPAC1952.06c	-2.122243e-05	5.449862e-04	-5.921520e-04	2.223750e-03
## SPAC1952.08c	-2.520003e-05	1.605390e-04	-1.735472e-04	5.646312e-04
## SPAC1952.11c	-5.255566e-05	4.996516e-04	-3.548920e-04	2.813984e-03
## SPAC1952.13	-6.824427e-05	3.702968e-04	-1.345987e-04	-1.839977e-03
## SPAC1952.14c	-1.090477e-05	2.659281e-04	-2.974874e-04	9.225254e-04
## SPAC1952.15c	-4.934283e-06	3.696559e-05	-3.606556e-05	-3.513740e-05
## SPAC890.02c	-5.133889e-06	5.552752e-05	-9.337024e-05	1.532553e-04
## SPAC890.05	6.138300e-06	1.617512e-04	-4.070905e-04	2.075882e-03
## SPAC890.07c	-1.046275e-04	1.369043e-03	-1.758167e-03	5.482669e-03
## SPAC890.08	-1.016474e-03	1.344562e-02	-3.062760e-03	1.934618e-02
## SPNCRNA.258	-6.944620e-07	7.054478e-06	2.935761e-06	-5.915242e-06
## SPAC22E12.01	-2.408280e-06	5.803063e-05	-1.385438e-04	6.991556e-04
## SPAC22E12.02	-1.348180e-05	1.698272e-04	-3.625969e-04	9.317261e-04
## SPAC22E12.03c	-1.084843e-04	5.027574e-04	4.715932e-04	-3.296284e-03
## SPAC22E12.05c	-1.226961e-04	1.291087e-03	-2.560086e-05	-2.377898e-04
## SPAC22E12.06c	-3.625904e-05	5.353947e-04	-2.002421e-04	1.227133e-03
## SPAC22E12.07	-1.099942e-04	1.122816e-03	-1.056791e-03	1.160638e-03
## SPAC22E12.08	-1.760803e-05	1.697289e-04	-1.797679e-04	6.101753e-04
## SPAC22E12.11c	-5.026221e-05	2.755561e-04	-1.572073e-04	1.144907e-03
## SPAC22E12.14c	-2.839731e-05	1.166751e-03	-1.099838e-03	6.112539e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	-9.092072e-06	7.409980e-05	-3.143665e-05	4.935956e-04
## SPAC1006.05c	-4.405489e-05	6.073942e-04	-3.395549e-04	3.653514e-04
## SPAC1006.06	-5.619499e-05	4.099355e-04	-5.490735e-04	2.780857e-03
## SPAC1006.07	-2.138090e-03	2.531674e-02	-1.266795e-02	6.115990e-02
## SPAC1006.08	-5.890491e-06	1.459817e-04	-9.238357e-05	1.167506e-03
## SPAC1006.09	-5.877091e-05	8.077890e-04	-6.170539e-04	4.325024e-03
## SPAC1250.05	-5.282582e-05	2.633380e-04	-2.476673e-04	1.331739e-03
## SPAC1250.04c	2.670520e-06	5.986909e-05	-9.696395e-05	6.558801e-04
## SPAC1250.03	-6.794951e-06	9.271499e-06	-6.970222e-05	2.287292e-04
## SPAC1250.02	-2.302522e-06	5.845565e-06	-1.327560e-06	1.294999e-05
## SPNCRNA.1046	3.290760e-07	3.428971e-06	5.119582e-06	-7.755029e-06
## SPAC29A4.20	-3.805583e-05	3.892714e-04	-2.708924e-04	3.111375e-03

## SPAC29A4.19c	-1.666710e-05	4.602303e-04	-4.693859e-04	2.042640e-03
## SPAC29A4.17c	-6.536351e-06	7.839424e-06	4.245614e-05	-1.895442e-04
## SPAC29A4.16	-1.285519e-04	1.783417e-03	-7.716302e-04	7.636547e-03
## SPAC29A4.15	-1.911351e-04	8.492249e-04	-2.120002e-03	2.607400e-03
## SPNCRNA.1047	-2.739586e-06	1.676438e-05	-1.260663e-05	-2.654272e-05
## SPAC29A4.12c	-2.863289e-06	-6.295466e-08	3.125599e-05	2.861566e-05
## SPAC29A4.09	-3.827061e-05	4.910155e-04	-2.815645e-04	4.072196e-04
## SPAC29A4.08c	-7.909418e-05	1.304650e-03	-8.362801e-04	4.436692e-03
## SPAC29A4.07	-8.079629e-06	1.619639e-04	-2.325478e-05	8.372850e-04
## SPAC29A4.06c	-9.688566e-06	9.971061e-05	-8.455682e-05	-3.152595e-04
## SPAC29A4.04c	-3.094720e-04	1.297943e-03	-4.534067e-03	9.052673e-03
## SPAC29A4.02c	-7.058935e-04	1.337689e-03	-2.800370e-03	1.236413e-02
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-4.816990e-05	1.052401e-04	2.860804e-04	-2.024918e-03
## SPSNORNA.16	-6.481542e-04	8.720134e-03	1.795381e-04	-5.994367e-03
## SPAC26F1.13c	-3.917379e-04	3.182400e-03	-6.590385e-03	1.378541e-02
## SPAC26F1.11	-6.239550e-06	2.570520e-05	4.699551e-05	-2.636674e-04
## SPAC26F1.07	-1.863660e-03	9.471097e-03	1.388175e-02	-8.097995e-02
## SPAC26F1.05	-6.079888e-06	6.167118e-05	-7.610568e-05	5.113971e-05
## SPNCRNA.1056	9.798232e-07	1.933591e-05	-5.410786e-05	3.278863e-05
## SPAC26F1.04c	-3.174281e-04	1.365898e-03	1.703513e-03	-1.829214e-02
## SPAC26F1.03	-4.209331e-04	4.965224e-03	-4.207880e-03	1.028487e-02
## SPAC26F1.01	-2.605430e-05	1.347569e-04	-1.476268e-04	5.403328e-05
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	4.916105e-07	1.214817e-05	-2.020937e-05	-2.301562e-05
## SPAC19D5.01	-3.416273e-04	5.483788e-04	7.652077e-04	-2.130988e-02
## SPAC19D5.02c	-1.137934e-05	4.033130e-04	-2.248545e-04	1.705920e-03
## SPAC19D5.04	-4.713760e-04	3.782736e-03	-2.534231e-03	9.154657e-03
## SPAC19D5.05c	-4.717039e-06	9.690902e-05	-2.192334e-04	7.243397e-04
## SPAC19D5.11c	-7.311600e-07	4.342415e-06	-3.441458e-05	1.095509e-04
## SPNCRNA.1060	1.053325e-06	3.361577e-05	-5.886277e-05	2.169056e-04
## SPAC14C4.01c	-1.916476e-05	2.573161e-04	-3.056015e-04	8.828430e-04
## SPAC19D5.07	-5.927478e-06	1.318172e-05	5.092715e-06	1.752555e-04
## SPNCRNA.1062	3.928647e-07	5.874992e-08	9.200931e-07	3.131931e-05
## SPAC14C4.03	6.743396e-07	1.591819e-05	-2.224116e-05	5.075739e-05
## SPAC14C4.04	-4.023205e-05	4.553417e-04	-2.074856e-04	7.753376e-04
## SPAC14C4.05c	-5.052602e-05	4.272204e-04	-4.011204e-04	4.338626e-04
## SPAC14C4.07	-1.036685e-04	7.278694e-04	1.689281e-04	-2.986592e-03
## SPAC14C4.08	-1.016253e-07	2.596715e-05	4.476030e-06	6.964861e-05
## SPAC14C4.09	-9.254597e-06	3.101887e-04	-1.000393e-03	5.416908e-03
## SPAC14C4.10c	-1.005375e-05	6.053099e-05	-2.844114e-05	-2.445801e-04
## SPAC14C4.11	-1.217899e-04	1.782088e-03	-1.562792e-03	9.410526e-03
## SPNCRNA.261	1.937777e-06	2.120150e-05	1.101158e-05	1.362846e-04
## SPAC14C4.13	-1.538865e-05	2.261654e-04	-2.368919e-04	9.484865e-04
## SPAC14C4.14	-3.990324e-04	1.130617e-03	-2.844766e-04	6.625625e-03
## SPAC14C4.15c	-2.402814e-05	3.744710e-04	-6.049894e-04	1.989923e-03
## SPAPJ760.03c	4.044475e-06	1.296804e-04	-6.291624e-04	4.482609e-03
## SPNCRNA.1064	9.949748e-07	8.505590e-06	-1.341396e-05	2.726632e-05
## SPAC2H10.02c	-6.458034e-06	1.620820e-04	-1.252348e-04	3.326462e-04
## SPAC11E3.03	-9.319341e-06	1.195057e-04	-3.315994e-05	1.471621e-04
## SPAC11E3.04c	-1.940905e-05	1.978641e-04	-2.097426e-04	3.278431e-04
## SPAC11E3.07	-1.062878e-04	1.948234e-03	-1.041679e-03	3.945828e-03
## SPAC11E3.08c	-8.032134e-06	1.085285e-04	-1.042846e-04	2.330478e-04

## SPAC11E3.12	-1.406341e-05	2.038130e-04	-9.560582e-05	6.612925e-04
## SPAC11E3.13c	-1.383376e-04	8.429472e-05	9.421063e-04	3.125718e-03
## SPNCRNA.1068	-2.679948e-06	9.019127e-06	7.737521e-06	-4.974572e-05
## SPAC11E3.15	-9.736054e-04	1.152006e-02	-5.058377e-03	1.151497e-02
## SPNCRNA.1070	-1.706099e-06	1.851197e-05	-3.221009e-05	1.180751e-04
## SPAP8A3.05	-3.137656e-05	1.066609e-04	-7.885072e-06	-6.002417e-04
## SPAP8A3.06	-1.025618e-04	6.680088e-04	-1.066169e-04	-1.863478e-03
## SPNCRNA.525	1.132087e-07	1.475217e-05	-1.658386e-05	9.317547e-05
## SPNCRNA.1073	-1.126883e-06	3.089082e-05	-1.186926e-05	3.224266e-04
## SPAP8A3.10	-2.183937e-05	3.135988e-04	-1.984558e-04	9.386892e-04
## SPAP8A3.12c	-2.642403e-04	1.548087e-03	2.310354e-06	-3.185562e-03
## SPAP8A3.13c	-7.342552e-06	2.718306e-04	-2.319593e-04	1.597726e-03
## SPAC4D7.01c	-1.030308e-04	1.129939e-03	-1.476914e-03	4.955931e-03
## SPNCRNA.1075	2.720960e-07	4.164048e-06	7.535871e-06	-3.451276e-05
## SPAC4D7.04c	-2.494157e-05	6.914517e-04	-3.582444e-04	2.175025e-03
## SPAC4D7.05	-4.708519e-04	5.179582e-03	-4.787296e-03	1.092968e-02
## SPAC4D7.06c	-2.176878e-05	1.713136e-04	-1.003418e-04	3.696775e-04
## SPNCRNA.1077	-2.289322e-06	4.139296e-05	-4.288152e-05	1.428223e-04
## SPAC4D7.07c	-2.260998e-05	1.905148e-04	-2.322886e-04	4.141996e-04
## SPAC4D7.08c	-1.470911e-04	2.491153e-03	-4.986124e-03	1.624768e-02
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	-6.406835e-07	1.132885e-05	6.292685e-06	8.808954e-05
## SPAC4D7.09	-8.450596e-05	1.086741e-03	-1.406571e-03	4.683833e-03
## SPAC4D7.14	-1.825533e-06	2.032404e-05	-3.302066e-05	7.048945e-05
## SPAC3G6.04	-1.107508e-05	7.995403e-05	-2.312438e-04	5.873720e-04
## SPAC3G6.06c	-1.122093e-05	9.228460e-05	-2.027954e-04	2.881829e-04
## SPAC3G6.07	-2.374666e-05	8.784609e-05	7.221945e-05	-1.423514e-03
## SPAC3G6.11	-7.112776e-06	3.110627e-04	-2.901028e-04	2.062826e-03
## SPAC3G6.13c	-1.228552e-03	1.621615e-02	3.960791e-03	7.475011e-03
## SPNCRNA.267	-1.380769e-06	9.202123e-06	8.039462e-06	-4.788090e-05
## SPAC29B12.02c	-2.885722e-05	1.162501e-03	-1.283885e-03	5.681022e-03
## SPAC29B12.04	-6.886105e-04	7.171808e-03	-5.066342e-03	6.878129e-03
## SPAC29B12.05c	-6.270359e-06	5.910094e-05	-7.375790e-05	2.677666e-04
## SPNCRNA.1081	-2.364212e-06	4.627073e-05	-2.168143e-05	1.009020e-04
## SPAC29B12.06c	-2.404985e-05	3.989090e-04	-1.454514e-04	1.393606e-03
## SPAC29B12.07	-8.147210e-05	3.257525e-04	-4.441398e-04	5.417110e-03
## SPNCRNA.1082	-9.232983e-06	5.364542e-05	-1.894639e-05	6.194909e-05
## SPNCRNA.270	-3.453607e-08	-9.327666e-07	3.266204e-06	1.011189e-05
## SPAC29B12.08	-2.285726e-05	6.072215e-05	-2.204913e-05	9.384414e-04
## SPAC29B12.10c	-9.008013e-05	1.211977e-03	-1.236873e-03	2.782490e-03
## SPAC29B12.11c	-7.955911e-05	4.751021e-04	1.139035e-04	-2.913275e-03
## SPATRNASER.04	-2.457366e-05	6.464034e-04	9.715791e-04	-3.838207e-04
## SPAC29B12.13	-1.025527e-05	1.014340e-04	1.073305e-04	-3.737873e-05
## SPNCRNA.271	5.886240e-08	-1.121364e-06	-1.598105e-06	-6.455586e-06
## SPNCRNA.272	1.948050e-07	1.039707e-06	-2.974941e-06	1.025864e-06
## SPAC1039.01	-2.545397e-05	1.636710e-04	-1.379774e-04	-5.969942e-04
## SPAC1039.02	-1.456379e-04	1.876561e-03	-2.999974e-03	6.839410e-03
## SPAC1039.03	-1.272752e-05	2.973937e-04	-2.351907e-04	1.261142e-03
## SPAC1039.05c	-2.000534e-05	1.881737e-04	-1.723906e-04	7.258545e-04
## SPNCRNA.1084	-2.241887e-06	8.280567e-06	-3.723492e-06	6.482923e-07
## SPAC1039.06	-1.825222e-05	1.886021e-04	-3.074196e-04	5.932704e-04
## SPNCRNA.1085	-1.066726e-06	3.352111e-06	-5.891100e-06	-4.705132e-06
## SPAC1039.08	-3.582215e-06	2.441476e-05	-4.364955e-05	6.653566e-05
## SPNCRNA.1086	-3.256832e-06	2.111658e-05	-1.085697e-05	8.106407e-05

## SPNCRNA.275	-8.245826e-07	-1.161495e-06	2.230368e-06	1.719653e-05
## SPAC1039.09	-6.181762e-06	2.224764e-05	-3.971906e-05	-7.277441e-05
## SPAC1039.11c	-1.195436e-05	5.202326e-05	-1.814297e-04	3.067325e-04
## SPNCRNA.1087	-6.821089e-06	9.942100e-05	-1.586152e-04	2.252333e-04
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-1.281161e-06	1.397868e-05	-3.658368e-05	1.288495e-04
## SPNCRNA.1089	9.886005e-08	6.503667e-06	4.486281e-06	2.210530e-05
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-2.743920e-04	3.559537e-03	-2.280602e-04	8.862909e-03
## SPNCRNA.278	-8.179412e-07	1.114449e-06	-1.037345e-05	4.206040e-05
## SPAC922.06	-1.591902e-05	1.483423e-04	-7.154610e-05	1.051169e-04
## SPAC922.07c	-1.145318e-05	1.078177e-04	-1.705516e-05	2.873936e-04
## SPNCRNA.1090	-3.717199e-06	1.765981e-05	-1.110239e-05	-2.953436e-05
## SPNCRNA.1091	-4.214273e-06	4.053351e-05	-4.250013e-05	1.179426e-04
## SPNCRNA.1093	-5.384800e-08	2.326039e-06	3.982003e-06	-2.272184e-05
## SPAC869.06c	-1.187659e-05	1.271540e-05	1.950686e-07	-6.357901e-04
## SPNCRNA.279	4.537045e-07	2.783937e-06	6.077130e-07	1.757084e-05
## SPAC869.05c	-2.860783e-05	1.630156e-04	-3.986992e-04	4.585430e-04
## SPAC869.04	3.115345e-08	7.465062e-07	-7.838637e-07	1.612071e-06
## SPAC869.03c	1.162442e-07	1.846799e-06	3.496431e-06	3.255042e-06
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	4.557306e-08	1.217859e-06	-9.495883e-06	-1.674109e-05
## SPAC869.02c	-4.846161e-05	4.377519e-04	3.933211e-05	1.315354e-03
## SPAC869.01	-4.807118e-07	2.572172e-06	1.019999e-05	1.913984e-05
## SPAC186.01	-1.288912e-05	6.674671e-05	5.104927e-05	6.419220e-05
## SPNCRNA.96	-1.517737e-07	1.041530e-06	-7.674853e-08	-9.532419e-06
## SPAC186.03	-1.633472e-07	1.058222e-06	-1.404680e-06	-1.792520e-05
## SPAC186.04c	-5.152415e-07	9.771075e-06	2.483884e-06	-6.077343e-06
## SPAC186.06	-8.986638e-07	5.805047e-06	-1.020184e-05	-4.385317e-06
## SPNCRNA.310	-1.952320e-08	-5.073018e-08	-4.025265e-09	2.850795e-07
## SPAC750.01	-1.607001e-05	1.017777e-04	-2.520361e-04	7.549163e-05
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	-2.315962e-07	4.411006e-06	-4.848757e-06	-2.953325e-06
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	-1.990585e-08	5.239409e-06	-1.256250e-05	4.018144e-05
## SPAC212.08c	-1.298268e-07	9.604606e-06	9.402803e-06	-3.724877e-05
## SPAC212.07c	-1.810394e-07	5.353127e-07	-6.418344e-06	1.053828e-05
## SPAC212.06c	8.455679e-07	3.332686e-06	-2.309581e-06	8.192745e-06
## SPAC212.05c	2.046194e-07	2.090076e-07	-2.627288e-07	-4.460646e-06
## SPAC977.01	8.501111e-08	3.879288e-07	-2.179102e-06	-4.183664e-06
## SPAC977.18	2.567313e-08	-3.954802e-08	6.978148e-07	2.839533e-06
## SPAC977.02	2.373147e-07	4.206242e-07	1.452238e-06	-1.891197e-06
## SPAC977.06	6.203160e-08	1.952544e-07	1.735278e-06	1.032295e-05
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	-8.483675e-06	6.299785e-05	1.044095e-04	-3.552505e-04
## SPAC977.10	-8.056697e-05	9.428733e-04	-6.905099e-04	1.685390e-03
## SPAC977.12	-6.243452e-05	7.387789e-04	-1.312070e-03	3.228373e-03
## SPAC977.14c	-2.434221e-04	1.502615e-03	-2.058080e-03	3.441656e-03
## SPAC977.17	-1.894300e-05	9.180513e-05	-4.724177e-04	8.204723e-04
## SPNCRNA.137	-3.455599e-07	-2.952993e-07	-5.911427e-06	-7.333714e-06
## SPNCRNA.83	-1.262490e-06	5.592065e-05	-7.982256e-05	-6.186274e-06
## SPAPJ695.02	-1.340647e-06	9.240045e-06	-1.890849e-05	-1.736831e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-3.683122e-06	7.366844e-06	-3.707161e-05	6.937064e-05

## SPAC1F8.02c	1.662148e-07	1.973649e-06	-1.741814e-07	1.187001e-05
## SPAC1F8.03c	1.173643e-05	6.741425e-05	-9.809504e-04	3.716843e-03
## SPNCRNA.604	1.063085e-06	1.433710e-05	-6.549193e-05	1.695232e-04
## SPNCRNA.139	-1.194687e-09	1.518924e-07	-3.696637e-07	1.101113e-06
## SPNCRNA.605	1.252428e-07	2.109945e-04	-4.688906e-04	2.578767e-03
## SPAC1F8.04c	-1.410401e-06	2.203830e-05	2.069977e-05	9.186961e-05
## SPNCRNA.606	-4.681277e-06	2.335220e-05	-3.543623e-05	2.728718e-05
## SPAC1F8.05	-6.745973e-06	1.399127e-04	6.333776e-05	-6.587825e-05
## SPAC1F8.07c	-2.561761e-03	3.415038e-03	4.042015e-03	1.061353e-01
## SPAC11D3.04c	-5.286973e-05	4.926212e-04	-1.307809e-03	9.338580e-04
## SPAC11D3.06	-1.358975e-05	2.528684e-04	-2.391293e-04	2.808046e-04
## SPAC11D3.09	-1.228267e-05	8.083706e-05	7.677998e-05	-6.983802e-04
## SPAC11D3.10	-5.494153e-06	6.303906e-05	-1.986083e-05	6.022865e-05
## SPAC11D3.13	-6.451641e-05	6.415975e-04	3.760663e-04	-1.325601e-03
## SPAC11D3.15	-8.546425e-05	9.782063e-04	-6.350757e-04	3.606104e-03
## SPAC11D3.17	-1.302995e-05	1.484958e-04	-6.788361e-05	-2.214145e-04
## SPNCRNA.611	-6.622330e-06	5.737233e-05	-6.684765e-05	-7.857063e-05
## SPAC5H10.02c	-1.015093e-05	5.353785e-05	8.556006e-05	-6.399026e-04
## SPNCRNA.613	-6.535925e-07	9.069646e-06	1.363268e-06	8.479249e-05
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-1.354010e-05	3.154012e-04	-6.594471e-05	8.496731e-04
## SPAC5H10.07	9.717615e-07	1.030757e-05	-5.540244e-05	7.782738e-05
## SPNCRNA.614	-7.312982e-06	8.948109e-05	-1.321379e-04	2.235513e-04
## SPNCRNA.615	-8.935381e-07	2.113937e-05	-2.504794e-05	5.751315e-05
## SPNCRNA.616	9.080192e-07	1.626751e-05	6.216225e-06	5.072452e-05
## SPAC13G6.02c	-1.374988e-03	1.748930e-02	-1.933429e-03	3.004406e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-5.890604e-05	9.274090e-04	-3.470433e-05	5.992594e-04
## SPAC13G6.05c	-1.388124e-05	2.236151e-04	-1.217593e-04	8.449056e-04
## SPAC13G6.06c	-7.839961e-05	1.460331e-03	-1.980226e-03	1.037048e-02
## SPAC13G6.07c	-1.066428e-03	1.187042e-02	-8.024511e-03	2.965460e-02
## SPAC13G6.08	8.353872e-07	2.584272e-05	-5.837572e-05	3.606982e-04
## SPNCRNA.619	-1.353036e-05	1.153378e-04	-5.984334e-05	3.481382e-04
## SPAC13G6.09	-3.086951e-05	4.096923e-04	-4.904438e-04	1.777008e-03
## SPAC13G6.10c	-2.423863e-04	4.818100e-04	-7.777759e-04	2.250749e-02
## SPAC13G6.11c	-2.331380e-05	4.165508e-04	-7.033259e-04	1.748224e-03
## SPAC13G6.12c	-3.366842e-05	3.013068e-04	-1.673081e-04	2.257390e-05
## SPAC13G6.13	1.048951e-07	-6.777114e-08	4.334896e-07	2.946614e-07
## SPAC24B11.06c	-1.067430e-04	5.957993e-04	-6.915346e-04	3.829016e-05
## SPNCRNA.622	-4.762934e-06	1.308935e-04	-2.188100e-05	3.860414e-05
## SPAC24B11.07c	-2.878052e-05	1.079456e-04	-1.610099e-04	9.761994e-04
## SPNCRNA.623	-2.925651e-06	7.219745e-05	-1.099509e-04	2.891416e-04
## SPAC24B11.10c	-4.971243e-05	3.676865e-04	-1.492166e-04	1.012631e-03
## SPAC24B11.14	-1.079133e-06	1.691123e-05	5.654374e-06	-2.864206e-05
## SPAC24B11.13	-3.393969e-05	9.048178e-05	-1.106491e-04	3.186644e-04
## SPAC806.03c	-1.545540e-04	5.613667e-04	-1.374575e-03	3.399761e-03
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	-4.288471e-05	5.507685e-04	-2.208977e-04	-1.101536e-04
## SPAC806.05	-1.860813e-05	1.818911e-04	-1.048292e-04	4.320656e-05
## SPNCRNA.629	-5.303096e-06	1.766029e-05	-2.848095e-05	-4.366347e-05
## SPAC806.08c	-1.566397e-06	1.188833e-04	-2.083974e-04	1.166950e-03
## SPAC1639.01c	-1.044007e-04	8.470302e-04	-7.722003e-04	4.431348e-03

## SPAC1639.02c	-3.056689e-05	5.246883e-04	-6.089982e-04	2.429044e-03
## SPNCRNA.631	-1.340714e-07	1.121040e-06	4.410928e-06	-2.055682e-06
## SPAC1F5.10	-6.084310e-05	1.127758e-03	-8.335243e-04	4.967334e-03
## SPNCRNA.634	-4.663176e-06	5.594019e-05	-5.063034e-05	1.439634e-04
## SPAC1F5.09c	-3.692093e-06	3.793089e-05	-1.720698e-05	7.677191e-05
## SPAC1F5.08c	-3.741957e-05	2.716373e-04	-3.002582e-05	-3.335632e-04
## SPAC1F5.06	-1.536666e-04	8.149625e-04	-1.179136e-03	2.960358e-03
## SPAC1F5.05c	-5.126862e-06	5.182823e-05	-9.262903e-05	3.733992e-04
## SPAC1F5.03c	-7.114211e-05	8.252246e-04	-7.759633e-04	2.637187e-03
## SPAC18B11.11	-1.797177e-05	4.157658e-04	-4.879840e-04	1.515614e-03
## SPAC18B11.06	-3.418589e-06	2.463732e-04	-3.586203e-04	1.852115e-03
## SPAC18B11.05	-7.602287e-06	6.484596e-05	-2.948268e-05	5.240760e-04
## SPAC18B11.03c	-7.627843e-06	1.865070e-04	-8.628628e-05	3.060411e-04
## SPAC12G12.16c	-2.286841e-05	1.937273e-04	-1.111723e-04	-2.632838e-04
## SPAC12G12.13c	-3.281250e-05	1.126712e-03	-1.211258e-03	5.304336e-03
## SPAC12G12.12	-6.108068e-05	5.030165e-04	2.758734e-04	-1.424912e-03
## SPAC12G12.11c	-3.205056e-05	2.813014e-04	-2.519234e-04	3.073519e-04
## SPAC12G12.17	-1.026667e-05	1.253387e-04	-9.380383e-05	3.016860e-04
## SPAC12G12.08	-4.618626e-05	4.960199e-04	-2.125488e-04	3.441974e-04
## SPAC12G12.07c	-1.690626e-04	1.337107e-03	-1.058155e-03	-9.281309e-04
## SPAC12G12.05c	-2.559873e-05	3.480202e-04	-2.888159e-04	9.053266e-04
## SPSNORNA.29	-1.277771e-04	2.115807e-03	-1.866689e-03	2.058529e-03
## SPAC12G12.04	-1.073346e-03	1.238800e-02	-1.475211e-02	1.692143e-02
## SPAC12G12.02	-1.357566e-05	3.586140e-04	-6.407345e-04	2.464064e-03
## SPNCRNA.640	3.414107e-07	6.977301e-06	-8.893455e-06	1.152310e-05
## SPAC12G12.01c	-8.147018e-05	1.199264e-03	-7.855927e-04	4.986200e-03
## SPAC630.04c	-1.364788e-05	1.441576e-04	9.668166e-05	-4.187995e-05
## SPAC630.03	-1.533456e-04	1.438714e-03	-3.773256e-04	4.644279e-04
## SPAC630.06c	-3.657138e-06	2.363996e-04	-2.045123e-04	9.083086e-04
## SPAC630.07c	-1.401591e-05	1.149117e-04	6.610206e-06	-3.475774e-04
## SPNCRNA.641	1.742950e-07	1.351768e-05	-1.655215e-05	7.352584e-05
## SPAC630.08c	-1.664611e-04	2.702287e-04	-6.676320e-04	6.266688e-03
## SPNCRNA.642	-2.479311e-06	1.582855e-05	-7.364384e-06	-2.565896e-05
## SPAC630.09c	-3.246683e-05	1.967363e-04	-2.985384e-04	1.648793e-04
## SPAC630.10	-9.359931e-06	1.524355e-04	-1.722413e-04	5.124706e-04
## SPAC1751.03	-2.074935e-04	2.445544e-03	-3.469728e-03	8.763389e-03
## SPAC31A2.05c	-3.162623e-05	4.650632e-04	-2.887250e-04	9.916200e-04
## SPAC31A2.08	-1.465419e-05	3.735396e-04	-1.660212e-04	1.026326e-03
## SPAC31A2.10	-3.605453e-06	6.878153e-05	-5.785006e-05	2.776280e-04
## SPAC31A2.15c	-1.406533e-05	3.155601e-04	-3.430667e-04	1.495174e-03
## SPAC13C5.02	-2.683074e-05	2.476104e-04	-2.611144e-04	3.517587e-04
## SPAC13C5.03	-1.991335e-05	2.044230e-04	-1.582787e-04	2.857012e-04
## SPSNORNA.01	-3.677348e-04	4.495811e-03	1.637708e-03	2.580699e-03
## SPNCRNA.646	-2.966534e-05	1.395083e-04	-3.176852e-05	-4.833861e-04
## SPAC13C5.07	-1.806372e-04	3.861830e-03	1.797603e-03	3.746185e-03
## SPNCRNA.647	-1.966224e-06	5.747915e-05	-7.945624e-05	1.228327e-04
## SPNCRNA.648	-1.642473e-05	7.618245e-05	-7.895028e-05	-3.831007e-04
## SPAC23E2.01	-2.347093e-04	1.207526e-03	1.089964e-05	-9.047228e-03
## SPNCRNA.649	1.293655e-06	9.759850e-06	-8.255239e-08	7.117569e-05
## SPAC23E2.03c	-5.162028e-06	1.816762e-06	-4.589333e-07	7.664603e-05
## SPNCRNA.650	-5.441442e-07	8.641625e-06	2.109436e-05	-4.280044e-05
## SPAC24H6.13	-2.746924e-04	2.006438e-03	-2.298696e-04	-4.608698e-03
## SPNCRNA.651	-9.962743e-06	5.762860e-05	1.012631e-05	-3.801642e-04
## SPAC24H6.10c	-6.110108e-04	6.873296e-03	-1.091827e-03	9.887473e-03

## SPAC24H6.08	-4.542287e-05	1.854860e-04	1.044551e-04	-1.730284e-03
## SPAC24H6.05	-4.056884e-05	7.779409e-05	-4.588355e-05	2.066204e-03
## SPAC24H6.03	-2.669451e-05	9.712096e-05	-1.451717e-04	4.954447e-04
## SPNCRNA.47	-3.884974e-06	1.277630e-05	-8.122887e-06	1.270284e-05
## SPAPB21F2.02	-7.363391e-05	1.385744e-03	-1.209059e-03	7.921974e-03
## SPAPB21F2.03	-1.169438e-05	1.104761e-04	-9.437569e-05	3.784978e-04
## SPAC227.01c	-1.816783e-05	1.577761e-04	-1.015517e-04	5.996199e-04
## SPAC227.02c	-3.562542e-06	2.686634e-04	-3.138936e-04	1.417560e-03
## SPAC227.03c	-4.279768e-05	1.681712e-04	4.634063e-05	-1.106572e-03
## SPNCRNA.656	-3.080510e-06	2.419852e-05	-1.229410e-05	4.024312e-05
## SPAC227.04	-5.170808e-06	1.068215e-04	5.667405e-05	3.304716e-04
## SPNCRNA.658	-2.865754e-06	1.205295e-05	-2.357746e-06	-8.954369e-05
## SPAC227.14	-1.312482e-05	2.231280e-04	3.028803e-07	6.449098e-04
## SPAC227.15	-4.501906e-05	2.739792e-04	-1.274990e-04	1.444267e-03
## SPNCRNA.659	-1.296331e-05	3.096325e-04	-1.143832e-04	1.000815e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	-2.638639e-05	3.947348e-04	-4.915761e-04	1.490832e-03
## SPAC227.18	-2.000132e-04	1.336366e-03	-2.071440e-03	3.344787e-03
## SPAC2F7.02c	-1.964567e-05	9.777178e-05	-1.557445e-04	8.922220e-04
## SPAC2F7.03c	-3.644604e-05	1.641802e-04	-2.241134e-04	1.417155e-03
## SPAC2F7.05c	-3.642335e-04	3.618996e-03	-4.230511e-03	3.236869e-03
## SPAC2F7.06c	-2.790045e-06	1.689588e-05	2.268479e-06	-9.254913e-05
## SPAC2F7.07c	-2.404863e-05	9.948731e-05	-2.126765e-04	8.817339e-04
## SPAC2F7.08c	-9.874768e-06	1.465593e-04	-2.143159e-04	1.057173e-03
## SPAC2F7.09c	-1.537765e-05	3.098299e-04	-1.696295e-04	9.979652e-04
## SPAC2F7.10	-2.043926e-05	4.983315e-04	-1.040165e-04	1.486638e-03
## SPAC2F7.11	-4.395943e-05	2.818464e-04	-1.947690e-04	2.259763e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-3.664375e-05	6.933545e-04	-3.312067e-04	2.182374e-03
## SPAC2F7.16c	-5.555097e-05	3.475275e-04	-3.947709e-04	1.842407e-03
## SPAC2F7.17	1.834710e-06	1.839363e-04	-3.108259e-04	1.573238e-03
## SPAC13A11.02c	-1.884767e-04	7.124225e-04	-2.208867e-03	6.104771e-03
## SPNCRNA.155	-7.494428e-07	2.806884e-06	1.626943e-06	-2.520743e-06
## SPNCRNA.662	-2.726543e-06	6.413838e-06	-9.657631e-06	9.197041e-06
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-4.518137e-06	9.076362e-05	-2.600901e-05	1.787999e-04
## SPAC3H8.05c	-2.776584e-05	2.045994e-04	-3.904354e-04	2.004899e-03
## SPNCRNA.664	-1.568891e-06	1.912245e-05	-1.477344e-05	-8.339188e-06
## SPNCRNA.665	-5.498380e-07	2.676613e-06	-3.440537e-06	-1.730857e-05
## SPAC3H8.06	-2.910392e-05	5.722854e-04	-5.332108e-04	2.339243e-03
## SPAC3H8.07c	-2.978079e-05	3.649914e-04	-3.361072e-04	9.084488e-04
## SPNCRNA.666	-7.579048e-07	8.174525e-05	-1.299975e-04	5.731123e-04
## SPAC3H8.09c	-5.501328e-05	4.112581e-04	3.510665e-04	-2.026309e-03
## SPAC1F3.07c	-1.956041e-05	9.351432e-05	-1.278636e-04	4.822106e-04
## SPNCRNA.668	2.374510e-07	6.980326e-05	-1.087586e-04	2.366201e-04
## SPAC1F3.08c	5.200918e-08	-3.288840e-08	2.851632e-07	1.087368e-06
## SPAC1F3.09	-2.063819e-04	1.323973e-03	4.990410e-04	-5.232096e-03
## SPNCRNA.669	-1.828244e-05	1.175465e-04	-3.202623e-05	-6.133797e-04
## SPAC1F3.10c	-2.534213e-05	3.073061e-04	-2.025260e-04	8.152824e-05
## SPAC1D4.04	-1.968593e-04	1.823513e-03	-2.565070e-03	4.401215e-03
## SPAC1D4.06c	-8.165730e-06	1.211698e-04	-7.232537e-05	7.707426e-04
## SPAC1D4.08	-5.270357e-05	5.311918e-04	-4.890422e-04	2.671510e-03
## SPAC1D4.09c	-9.341794e-06	1.614786e-04	-7.493539e-05	4.522032e-04
## SPAC1D4.11c	-3.037549e-05	1.482689e-04	1.162839e-04	1.243405e-03

## SPNCRNA.672	-7.552513e-06	1.078013e-04	-7.880396e-05	2.299345e-04
## SPNCRNA.673	-1.236827e-06	8.483551e-06	6.175287e-06	-4.458357e-07
## SPAC1D4.13	-7.244828e-05	7.037655e-04	-1.898042e-04	-3.456345e-04
## SPNCRNA.674	-5.507886e-06	5.107965e-05	-4.109269e-05	3.763042e-04
## SPAC22F3.12c	-4.957772e-06	3.846219e-05	-3.711834e-05	1.806032e-04
## SPAC22F3.09c	-2.986445e-05	1.122629e-04	-8.031838e-05	-9.860231e-04
## SPAC22F3.15	5.808733e-07	4.547617e-05	-7.126829e-05	6.959978e-05
## SPAC22F3.06c	-3.354750e-04	3.797567e-03	-2.814415e-03	3.905043e-03
## SPAC22F3.04	2.513814e-07	2.864864e-06	-6.331344e-06	3.211970e-05
## SPATRNAVAL.02	4.362277e-05	9.348232e-03	2.524008e-02	1.300402e-02
## SPAC22F3.02	-5.563615e-06	4.919466e-05	-7.348601e-06	-6.298340e-05
## SPAC1296.01c	-1.177643e-04	1.183606e-03	-4.671920e-04	-1.960402e-05
## SPAC1296.02	-1.004394e-04	1.264732e-03	-2.631844e-04	8.240972e-04
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	-5.211653e-05	7.295706e-04	-4.878512e-04	1.797458e-03
## SPAC1296.06	-1.043504e-05	2.295642e-04	-3.530173e-04	5.935225e-04
## SPAC22G7.02	-3.009570e-05	8.366029e-04	-7.007861e-04	3.353110e-03
## SPAC22G7.04	-4.215623e-05	1.040274e-03	-6.486274e-04	4.666987e-03
## SPAC22G7.06c	-2.181394e-03	6.745566e-03	-1.063120e-02	3.948459e-02
## SPAC22G7.07c	-1.536474e-05	1.593792e-04	-1.220672e-04	3.399255e-04
## SPAC22G7.08	-2.192462e-05	6.964424e-05	-9.497135e-05	-9.751366e-04
## SPAC22G7.11c	-1.680475e-05	6.675696e-05	6.676626e-05	-9.406529e-04
## SPNCRNA.679	-5.716425e-06	1.703870e-05	-8.503231e-06	-8.848407e-05
## SPNCRNA.680	-5.044400e-06	1.794563e-05	-5.392959e-05	-1.852121e-05
## SPAC4G8.04	-4.477548e-05	2.381220e-04	-2.503283e-04	-1.955241e-04
## SPAC4G8.05	-6.505256e-05	4.613336e-04	-8.216165e-05	-1.978134e-03
## SPAC4G8.07c	-4.246017e-06	1.543790e-04	-3.069010e-04	1.206415e-03
## SPNCRNA.681	-4.970198e-07	1.576915e-06	-2.577430e-07	-1.930976e-06
## SPNCRNA.682	-4.236367e-06	3.441432e-05	-2.236839e-05	3.555600e-05
## SPAC4G8.09	-4.349970e-05	7.074449e-04	-4.092383e-04	1.561808e-03
## SPNCRNA.683	-4.389766e-06	2.218702e-05	-1.830234e-05	-4.583651e-05
## SPAC4G8.10	-5.050585e-05	2.691599e-04	-6.763787e-05	-1.512128e-03
## SPNCRNA.684	1.070223e-06	2.446629e-05	2.991408e-05	-6.667666e-06
## SPAC16C9.01c	-4.678941e-05	4.270107e-04	1.128382e-06	-8.565214e-04
## SPNCRNA.685	-2.191192e-06	9.141088e-06	-6.290231e-06	3.220334e-08
## SPNCRNA.686	-1.988696e-06	2.654360e-05	-7.820389e-07	-2.798747e-04
## SPAC16C9.02c	-1.631441e-04	2.149043e-03	-2.102156e-03	4.843767e-03
## SPAC16C9.03	-3.348447e-05	4.295382e-04	-4.596755e-04	5.121125e-03
## SPAC16C9.04c	-4.178088e-05	3.255365e-04	-2.877112e-04	9.222915e-04
## SPNCRNA.687	-1.388035e-06	2.363759e-05	-1.626619e-05	-3.845409e-05
## SPAC16C9.06c	-8.342645e-05	9.538523e-04	-8.364268e-04	5.399447e-03
## SPAC16C9.07	-2.176300e-05	4.842312e-04	-3.365555e-04	2.293535e-03
## SPAC2G11.04	-1.277586e-06	6.632829e-05	-7.915814e-05	3.864240e-04
## SPAC2G11.05c	-2.943962e-06	1.126236e-04	-6.009183e-05	4.604772e-04
## SPAC2G11.08c	-2.673835e-06	1.106899e-04	-1.029132e-04	4.747515e-04
## SPAC2G11.10c	-1.141046e-05	1.842889e-04	-1.254181e-04	1.000412e-03
## SPNCRNA.689	-3.356685e-06	2.726253e-05	-3.054434e-05	6.083236e-05
## SPAC2G11.11c	-5.945019e-06	4.143060e-04	-4.747908e-04	4.590873e-03
## SPNCRNA.690	-1.880613e-06	2.040869e-05	-1.807272e-05	1.183364e-04
## SPAC2G11.13	-3.095736e-05	2.854487e-04	-1.588235e-06	-1.045804e-03
## SPAC2G11.14	-1.647753e-04	9.303042e-04	-2.131197e-04	-2.085113e-03
## SPAC2G11.15c	-7.966831e-06	7.883283e-05	-1.195068e-04	3.089125e-04
## SPAC521.04c	-1.252485e-04	8.443303e-04	4.285172e-04	-2.649805e-03
## SPNCRNA.693	2.769584e-07	-1.747803e-08	-9.908912e-07	-9.529072e-06

## SPAC23G3.02c	-1.598827e-04	1.173271e-03	-1.152499e-03	3.031537e-03
## SPAC23G3.03	-2.889285e-05	1.109721e-04	5.950199e-05	-8.639853e-04
## SPAC23G3.05c	-2.086140e-05	1.402340e-04	-1.891627e-04	-1.354988e-04
## SPAC23G3.09	-5.088495e-05	5.224135e-04	-2.904634e-04	6.475504e-04
## SPAC23G3.11	-2.112652e-04	2.409143e-03	5.466241e-04	-1.243159e-03
## SPAC23G3.12c	-1.350616e-04	1.204832e-03	-6.084706e-04	5.882014e-03
## SPAC22H12.03	-8.979705e-06	1.476315e-04	-3.931045e-05	3.509867e-04
## SPAC22H12.04c	-2.624288e-03	3.244697e-02	-1.161782e-02	3.582297e-02
## SPAC1687.02	-3.017079e-06	9.137322e-05	-2.418453e-05	5.395256e-04
## SPAC1687.03c	-2.256335e-05	5.540428e-04	-6.342733e-04	2.085401e-03
## SPNCRNA.695	-2.700326e-06	2.912146e-05	-4.267965e-05	6.594235e-05
## SPRRNA.12	-4.628388e-03	3.639138e-02	7.210027e-02	-2.858765e-02
## SPAC1687.07	-3.628093e-06	5.197257e-05	-3.770432e-05	-1.152222e-04
## SPAC1687.08	-1.968082e-06	2.460908e-05	-2.371887e-05	-7.870216e-05
## SPAC1687.09	-1.476031e-04	5.699771e-04	-3.300272e-04	-1.482304e-03
## SPAC1687.10	6.240541e-06	3.060134e-04	-2.771650e-04	1.691176e-03
## SPAC1687.13c	-1.804105e-05	2.029643e-04	-1.258027e-04	-1.363877e-04
## SPAC1687.23c	5.683397e-08	5.737982e-07	5.163317e-07	-3.374878e-06
## SPAC1687.15	-3.487518e-05	3.466525e-04	-2.497137e-04	5.761763e-04
## SPNCRNA.697	-1.500900e-06	5.769675e-06	-3.994369e-06	-4.790562e-06
## SPAC1687.21	-9.870754e-05	1.408707e-03	-9.928195e-05	2.103780e-03
## SPAC1687.22c	-7.100059e-05	1.920500e-04	-3.486276e-05	-1.020435e-03
## SPNCRNA.698	-5.589742e-06	5.636452e-05	-5.450098e-05	1.902247e-04
## SPNCRNA.699	-4.958261e-06	4.693197e-05	-2.127976e-05	2.233692e-04
## SPAC222.05c	-1.572420e-05	2.932405e-04	-1.574136e-04	9.390382e-04
## SPNCRNA.700	-3.582010e-06	1.595177e-05	-3.926695e-06	1.319942e-04
## SPATRNLGLU.02	-6.442095e-04	4.160724e-02	6.758495e-02	2.608851e-02
## SPAC222.09	-3.281791e-05	1.558347e-04	-2.953117e-04	3.020808e-03
## SPAC222.10c	-5.303728e-06	9.306123e-05	-8.096343e-05	9.023765e-04
## SPAC222.11	-5.453112e-05	4.769495e-04	-1.256897e-03	2.707970e-03
## SPAC222.12c	-1.422879e-03	1.033928e-02	4.273406e-04	6.735527e-03
## SPAC222.13c	-4.933667e-05	4.374539e-04	-9.534817e-05	-5.015500e-05
## SPAC222.14c	-6.614066e-05	7.560032e-04	-6.408516e-04	1.114320e-03
## SPNCRNA.50	1.607792e-07	2.463527e-06	-1.942028e-06	3.929295e-05
## SPAC821.03c	-8.227416e-05	8.552765e-04	-1.571444e-04	1.730276e-03
## SPAC821.04c	-5.424254e-05	1.842891e-04	-1.388810e-04	-6.502046e-04
## SPSNRNA.03	-9.573049e-03	6.937497e-02	6.783747e-02	2.502394e-02
## SPAC821.07c	-1.289433e-05	2.173451e-04	-3.404742e-04	1.461086e-03
## SPNCRNA.163	-5.056118e-07	1.171352e-06	-3.445123e-06	3.252360e-05
## SPNCRNA.164	1.889077e-08	-4.110596e-07	4.206524e-07	1.663177e-06
## SPAC821.11	-1.264341e-04	1.259144e-03	-1.252852e-03	2.593228e-04
## SPAC821.13c	-5.765979e-05	6.887964e-04	-4.524217e-04	1.876624e-03
## SPAC139.03	-3.843136e-05	3.676939e-04	-2.259410e-04	-4.304078e-04
## SPAC139.04c	-4.506304e-05	3.026736e-04	-6.462479e-05	-1.103133e-03
## SPNCRNA.705	-1.538970e-07	4.067246e-06	-7.453027e-06	-2.102406e-05
## SPAC139.05	-6.049172e-04	3.019399e-04	1.552703e-03	-2.838884e-02
## SPNCRNA.706	-3.131787e-06	6.907214e-05	-1.900401e-04	5.965695e-04
## SPAC139.06	-4.641180e-05	4.220108e-04	-6.318559e-04	1.343925e-03
## SPNCRNA.707	9.909937e-07	9.936745e-06	-8.022905e-06	5.828420e-05
## SPAC23C4.02	-9.680261e-05	1.448037e-03	-1.223088e-03	5.624853e-03
## SPAC23C4.04c	-3.256898e-06	6.694245e-05	-8.021772e-05	3.209770e-04
## SPAC23C4.07	-2.499834e-06	5.790658e-05	-1.322719e-05	5.241431e-05
## SPAC23C4.08	-1.258396e-04	1.020193e-03	-3.064222e-04	-1.941785e-03
## SPNCRNA.708	-6.927050e-06	7.673334e-05	-8.323898e-06	1.756028e-05

## SPAC23C4.12	-3.087192e-05	1.548684e-04	-1.337033e-04	-1.129932e-04
## SPAC23C4.16c	-4.573132e-05	4.773833e-04	-6.212930e-05	4.647261e-04
## SPNCRNA.709	-1.095065e-06	5.716659e-05	1.423812e-06	1.309466e-04
## SPNCRNA.166	-8.877774e-07	5.395544e-06	-2.364407e-06	1.140396e-05
## SPAC23C4.19	-9.652797e-05	9.970218e-04	-1.538703e-03	5.280639e-03
## SPAC1A6.11	-1.137404e-06	2.774093e-06	8.479650e-06	-2.508520e-05
## SPAC1A6.05c	-2.884246e-05	5.980137e-04	-3.562574e-04	1.429397e-03
## SPAC1A6.07	-8.688691e-05	1.517333e-04	1.829638e-04	-1.459582e-03
## SPAC1A6.09c	-4.012268e-05	1.390266e-03	-1.316603e-03	6.209499e-03
## SPAC1A6.10	-7.770568e-05	1.203408e-03	-9.977471e-04	3.916273e-03
## SPAC30D11.13	-7.784130e-06	1.297520e-04	-1.054286e-04	4.952622e-04
## SPAC30D11.12	-3.894554e-04	4.671020e-03	-2.380451e-03	6.061424e-03
## SPAC30D11.11	-5.554135e-05	4.284531e-04	-1.562628e-03	9.916941e-04
## SPAC30D11.10	-2.405926e-05	1.391514e-04	-2.600458e-04	4.482502e-04
## SPNCRNA.712	-6.096007e-07	1.568205e-05	-2.223750e-05	1.161901e-05
## SPAC30D11.09	-1.448686e-05	2.068702e-04	-2.608221e-04	6.347973e-04
## SPAC30D11.08c	-2.247113e-05	8.484206e-05	-8.249692e-05	-1.109685e-04
## SPAC30D11.04c	-6.244907e-05	2.206964e-04	-7.927750e-05	2.495600e-03
## SPAC30D11.03	-5.577336e-05	7.225172e-04	-1.172439e-03	5.265697e-03
## SPAC30D11.01c	-5.884526e-05	2.839927e-04	1.476934e-04	-2.267158e-03
## SPNCRNA.713	-1.289809e-06	4.866403e-05	-5.906638e-05	1.003869e-04
## SPNCRNA.714	-1.173240e-07	1.087750e-06	-6.157377e-07	-9.166236e-06
## SPAC56F8.03	-2.046800e-04	2.446186e-03	-5.179772e-03	1.428208e-02
## SPAC56F8.05c	-1.966960e-04	2.185187e-03	-2.217218e-03	-6.205442e-04
## SPNCRNA.715	-2.978345e-07	7.280962e-06	1.855866e-05	-2.004479e-05
## SPAC56F8.07	-1.924833e-05	2.198471e-04	-8.862986e-05	3.541947e-04
## SPAC56F8.08	-9.361857e-05	1.059101e-03	-7.358765e-05	7.936418e-04
## SPAC56F8.10	-1.171268e-04	8.381366e-04	-4.333883e-04	5.308670e-04
## SPAC56F8.11	-4.356127e-05	7.079284e-04	-1.602624e-04	1.996995e-03
## SPAC56F8.14c	-2.349908e-05	1.665212e-04	-3.920146e-04	1.726887e-03
## SPAC56F8.13	-1.709319e-06	1.817818e-05	-4.446835e-05	-8.278897e-07
## SPAC56F8.15	-8.756606e-06	-9.856479e-07	-1.440254e-05	3.056426e-05
## SPAC22A12.01c	-1.160157e-05	1.836555e-04	-2.241944e-04	1.538493e-03
## SPAC22A12.03c	-1.271276e-05	3.157022e-04	-7.012551e-05	8.966147e-04
## SPAC22A12.05	-2.029061e-05	3.575534e-04	-1.484366e-05	2.266330e-03
## SPAC22A12.06c	-2.489555e-05	2.609059e-04	-7.163630e-04	1.495334e-03
## SPNCRNA.718	6.364978e-08	2.107316e-05	-2.825530e-05	2.315359e-05
## SPAC22A12.13	-1.009594e-05	1.136695e-04	-1.718704e-04	3.690455e-04
## SPAC22A12.15c	-1.761443e-03	2.225234e-02	-9.940154e-03	3.337130e-02
## SPAC22A12.16	-6.932709e-04	8.225070e-03	-4.302410e-03	1.311477e-02
## SPAC4C5.01	1.127302e-05	4.273440e-04	-7.414819e-04	3.167639e-03
## SPATRNAALA.02	-7.820938e-08	1.209665e-04	2.755275e-04	3.367929e-05
## SPNCRNA.722	-1.485164e-06	1.096883e-04	-1.450994e-04	6.165294e-04
## SPAC4C5.04	-2.718901e-05	3.009291e-04	-1.309182e-05	6.666956e-04
## SPNCRNA.723	-6.237590e-06	4.406215e-05	-1.743223e-05	2.510374e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-8.948182e-04	9.203154e-03	1.107765e-03	3.013764e-02
## SPAC10F6.04	-3.000147e-05	2.839458e-04	-1.051481e-04	4.838939e-04
## SPAC10F6.06	-7.564277e-04	6.733187e-03	6.024620e-03	-2.541423e-02
## SPAC10F6.07c	-7.495587e-06	5.365127e-05	1.059468e-05	2.173773e-04
## SPNCRNA.554	-1.215752e-06	8.093617e-06	2.319795e-06	-7.882183e-05
## SPAC10F6.08c	-5.745178e-06	2.578438e-05	-2.470550e-05	1.289302e-04
## SPAC10F6.09c	-4.367142e-05	1.022788e-03	-1.031755e-03	3.498021e-03
## SPAC10F6.11c	-4.182056e-05	5.504089e-04	-2.269797e-05	-7.209575e-04

## SPAC10F6.12c	-3.167327e-05	3.654674e-04	-4.767162e-04	1.601498e-03
## SPAC10F6.13c	-1.373580e-04	1.266222e-03	-1.241454e-03	3.318181e-05
## SPAC10F6.14c	-1.824046e-05	2.713522e-04	-1.739127e-04	7.106219e-04
## SPNCRNA.82	7.110549e-08	7.712186e-07	2.879378e-06	5.133508e-06
## SPNCRNA.727	-1.184904e-06	3.743787e-05	-2.266559e-05	1.867060e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-3.118070e-05	2.298921e-04	4.426465e-05	-1.381901e-03
## SPNCRNA.729	-3.205494e-07	3.465648e-07	-1.939933e-06	1.226412e-07
## SPAC10F6.16	-1.968170e-04	1.672167e-03	6.701655e-06	-5.209561e-03
## SPAC56E4.02c	-1.034616e-05	1.432477e-04	-8.444530e-05	3.962413e-04
## SPAC56E4.04c	-1.879260e-03	1.267340e-02	-2.699373e-02	4.378192e-02
## SPAC56E4.05	-2.013968e-05	2.898760e-04	-1.359347e-04	8.325746e-04
## SPAC56E4.06c	-3.440759e-05	4.566971e-04	-1.071096e-04	-1.121047e-04
## SPAC1420.01c	-7.048093e-05	6.814610e-04	-8.042779e-04	3.092726e-03
## SPAPB17E12.04c	-2.059804e-05	1.507186e-04	-1.041662e-05	-1.894967e-04
## SPAPB17E12.06	-9.428863e-07	6.357785e-05	-6.861817e-05	2.963656e-04
## SPAPB17E12.07c	-3.375861e-06	1.892782e-04	-9.381779e-05	6.369594e-04
## SPAPB17E12.08	-4.045361e-06	1.064668e-04	-4.118651e-05	2.981553e-04
## SPAPB17E12.10c	-4.480154e-06	1.824628e-04	-1.235169e-04	1.039141e-03
## SPAPB17E12.09	-1.139289e-07	5.878867e-06	-1.278506e-05	1.186789e-05
## SPAPB17E12.12c	-1.081258e-05	1.322447e-04	-1.088645e-04	3.566724e-04
## SPAPB17E12.14c	-8.326717e-05	4.066467e-04	-2.194899e-04	-1.317909e-04
## SPAPB17E12.13	-3.721190e-04	1.618224e-03	-3.439466e-03	1.571448e-02
## SPAC1565.01	-2.298793e-05	9.756829e-04	-6.358406e-04	5.789343e-03
## SPAC1565.02c	-1.691579e-05	2.639073e-04	-3.861128e-05	8.336532e-04
## SPAC1565.04c	-1.293069e-06	6.972037e-05	-8.537051e-05	4.757336e-05
## SPNCRNA.169	3.223858e-08	2.725238e-08	-6.240938e-07	2.582282e-06
## SPAC1565.08	-1.424160e-03	9.664050e-03	1.208525e-03	-1.311031e-02
## SPAC6F12.02	-6.872301e-05	3.624857e-04	-1.521404e-04	1.759819e-05
## SPAC6F12.03c	-2.626375e-05	2.439893e-04	-5.362990e-05	-7.875185e-05
## SPAC6F12.04	-6.041533e-05	6.319602e-04	-4.023478e-05	7.203234e-04
## SPAC6F12.05c	-2.579105e-05	4.943476e-04	-3.262132e-04	1.330933e-03
## SPAC6F12.10c	-5.476886e-04	6.679925e-03	-1.176950e-02	2.663902e-02
## SPNCRNA.734	-4.348633e-08	1.312410e-06	7.448794e-07	3.004419e-06
## SPAC6F12.11c	-2.775072e-05	3.830603e-04	-1.923534e-04	9.853097e-04
## SPAC6F12.14	-1.888696e-05	3.458326e-04	-1.533427e-04	8.419351e-04
## SPNCRNA.735	-1.271776e-06	3.926172e-05	-9.370939e-06	5.656466e-05
## SPAC6F12.16c	-6.585868e-05	1.058714e-03	-2.703113e-03	7.949932e-03
## SPAC6F12.17	-1.325254e-04	1.522314e-03	-4.939434e-04	2.075257e-03
## SPNCRNA.736	-6.462957e-06	4.511848e-06	-4.827002e-06	1.221582e-04
## SPNCRNA.737	-3.244615e-06	3.938531e-06	-1.789069e-06	-1.054119e-04
## SPAC57A10.02	-4.422408e-05	1.875111e-04	-9.292652e-05	9.990755e-04
## SPNCRNA.739	3.638789e-08	4.087399e-06	-1.120389e-05	4.911238e-05
## SPAC57A10.04	-1.905377e-06	4.081474e-05	1.684053e-05	5.787325e-05
## SPAC57A10.14	-3.262276e-06	1.038057e-04	-1.353700e-04	5.595584e-04
## SPAC57A10.10c	-6.498141e-05	1.036375e-03	-2.605654e-03	6.383570e-03
## SPAC57A10.11c	-5.145953e-05	6.913632e-04	-4.359486e-04	1.351009e-03
## SPAC20G8.01	-9.725515e-06	4.468692e-04	-3.842488e-04	1.696958e-03
## SPAC20G8.02	-3.552050e-05	4.608124e-04	-1.059829e-04	-2.696387e-04
## SPNCRNA.58	-6.371221e-06	9.933986e-05	-8.529084e-05	1.542893e-04
## SPAC20G8.03	-1.743548e-04	1.215642e-03	-1.384310e-03	1.428213e-03
## SPNCRNA.740	-3.608214e-06	6.175218e-05	2.575292e-05	4.076750e-04
## SPAC20G8.07c	-6.344016e-05	6.189184e-04	-1.023671e-03	1.776599e-03
## SPATRNACYS.01	1.639053e-05	7.062543e-04	1.095991e-03	1.045485e-03

## SPAC3A12.02	-5.534606e-06	1.694225e-04	-3.387259e-05	1.025660e-03
## SPAC3A12.03c	-1.210757e-05	3.914671e-04	-2.157506e-04	1.896005e-03
## SPAC3A12.05c	-4.209884e-05	3.389186e-04	-4.289026e-04	2.704819e-03
## SPAC3A12.06c	-6.200422e-05	1.876871e-04	3.041277e-05	-8.333327e-04
## SPAC3A12.08	-1.120838e-05	1.335998e-04	3.707323e-05	-1.870222e-04
## SPAC3A12.09c	-2.417814e-06	1.894411e-04	-9.047457e-05	9.646539e-04
## SPAC3A12.10	-7.153765e-04	7.223647e-03	-4.836320e-03	1.547558e-02
## SPAC3A12.12	-2.777229e-06	1.390410e-04	-1.883880e-04	6.311002e-04
## SPAC3A12.13c	-4.067425e-05	1.311821e-03	-1.073647e-03	7.067249e-03
## SPATRNPAPRO.03	2.685403e-05	1.028051e-03	2.559254e-03	1.742308e-03
## SPAC3A12.16c	-4.075602e-05	8.686325e-04	-1.069730e-03	4.588399e-03
## SPAC3A12.17c	-3.748248e-05	4.136368e-04	-1.163283e-04	-1.061260e-04
## SPAC9.02c	-1.209207e-05	1.532469e-04	-3.513497e-04	6.774586e-04
## SPAC9.04	1.441591e-08	-1.510004e-07	3.107535e-08	3.450415e-06
## SPAC9.07c	-2.421164e-04	2.541954e-03	1.134303e-04	1.032465e-03
## SPNCRNA.742	-2.232754e-06	2.277720e-05	-8.158341e-05	3.891596e-05
## SPATRNAMET.02	-1.858299e-04	6.831409e-03	1.079908e-02	1.463055e-03
## SPAC9.11	-5.139965e-06	6.127249e-05	-9.009105e-05	4.577551e-04
## SPAC9.12c	-1.639048e-06	3.615612e-04	-2.555297e-04	9.724142e-04
## SPAC9.13c	-2.672923e-05	2.301410e-04	-1.587988e-04	-8.597256e-04
## SPAC5D6.13	-3.374298e-05	7.532074e-04	-6.594366e-04	3.640395e-03
## SPAC5D6.08c	-5.551597e-06	2.723987e-05	-5.272414e-05	5.486626e-04
## SPAC5D6.06c	-4.843798e-06	1.602938e-04	-7.128536e-05	7.601278e-04
## SPAC5D6.05	-1.701821e-05	2.736683e-04	-2.145888e-04	1.484857e-03
## SPAC5D6.01	-1.240484e-04	2.475015e-03	-2.899702e-03	1.139497e-02
## SPNCRNA.173	-2.457968e-06	1.653168e-05	-2.337479e-06	7.843610e-05
## SPAC57A7.13	-2.690867e-05	3.060777e-04	-2.617098e-04	1.013182e-03
## SPAC57A7.12	-8.194973e-04	7.768016e-03	-9.773889e-03	1.737622e-02
## SPAC57A7.11	-6.939801e-05	4.183212e-04	-3.855023e-04	2.415518e-03
## SPAC57A7.09	-2.888447e-05	1.480149e-04	9.966334e-05	-6.981985e-04
## SPATRNALEU.01	-2.642553e-06	1.085987e-03	1.039860e-03	-1.363904e-05
## SPAC57A7.07c	-1.949738e-05	2.993500e-04	-2.138879e-04	9.410348e-04
## SPNCRNA.744	9.625978e-08	2.069829e-06	-7.736165e-06	1.384542e-05
## SPAC57A7.05	-1.757649e-04	7.998497e-05	3.708972e-04	-7.749959e-03
## SPAC57A7.15c	-2.101634e-06	4.960501e-05	-1.743801e-05	1.798142e-04
## SPAC167.06c	-3.730977e-05	1.702592e-04	8.156219e-05	-2.192178e-03
## SPAC167.02	-1.602533e-05	3.357437e-04	-1.101950e-04	4.754976e-04
## SPAC167.03c	-3.533843e-05	3.110238e-04	-2.382585e-04	-2.193863e-04
## SPAC167.01	-3.393899e-05	3.389577e-04	-1.275292e-04	1.081104e-03
## SPNCRNA.555	1.541432e-07	1.918359e-06	-5.789156e-06	1.355845e-05
## SPRRNA.53	-3.711970e-03	8.539609e-02	1.134480e-01	-9.700612e-03
## SPAC1705.02	-3.244296e-06	2.327498e-04	-2.885102e-04	7.199083e-04
## SPNCRNA.175	2.492119e-08	8.591999e-07	6.598054e-06	2.473216e-05
## SPAC23H4.18c	-1.815614e-05	3.677860e-04	7.732167e-05	5.057000e-04
## SPAC23H4.14	-1.583225e-05	2.721459e-04	-1.534130e-04	7.282258e-04
## SPAC23H4.11c	-7.637846e-06	1.211880e-04	-1.394523e-04	3.332705e-04
## SPAC23H4.10c	-3.770183e-05	5.553645e-04	-5.814476e-04	1.418208e-03
## SPAC23H4.09	-5.302108e-04	5.659370e-03	-1.284868e-03	2.946256e-03
## SPAC23H4.06	-1.535139e-04	2.183584e-03	-2.491903e-03	1.402546e-02
## SPAC23H4.03c	-6.348695e-05	1.321325e-03	-5.147459e-04	3.121353e-03
## SPAC23H4.02	-1.436609e-05	8.876164e-05	-1.947550e-04	8.338597e-04
## SPAC23H4.01c	-7.013581e-05	6.430588e-04	-1.492996e-03	1.860657e-04
## SPAP27G11.02	-2.634285e-05	3.944040e-04	-1.220422e-04	8.515285e-04
## SPNCRNA.748	5.604783e-07	5.633789e-06	3.932921e-06	1.356550e-05

## SPAP27G11.04c	-3.770408e-05	4.179564e-04	-3.179503e-04	8.962444e-04
## SPAP27G11.06c	-3.848901e-05	5.045761e-04	-2.120339e-04	5.675301e-04
## SPAP27G11.07c	-2.056491e-05	1.835332e-04	-1.348931e-04	6.687518e-06
## SPAP27G11.08c	5.949323e-07	1.996898e-05	-3.171687e-06	-2.816221e-05
## SPAP27G11.10c	-6.351652e-05	1.497441e-03	-5.086254e-04	8.459689e-03
## SPAP27G11.11c	-8.149946e-07	4.914829e-06	-2.622884e-06	-4.991086e-05
## SPNCRNA.750	-1.845677e-06	1.180652e-05	-4.739923e-06	-1.073546e-05
## SPAP27G11.16	-4.042839e-06	3.701300e-05	-1.809134e-05	4.326042e-05
## SPAP27G11.12	-9.306248e-05	5.568420e-04	-3.510221e-04	8.225456e-04
## SPAP27G11.13c	-7.011770e-05	8.842762e-04	-1.113764e-03	2.780176e-03
## SPAC343.02	-1.882236e-05	3.888216e-04	-3.395129e-04	1.193328e-03
## SPATRNAGLY.01	-6.114642e-05	1.200364e-03	2.131994e-03	-1.801502e-03
## SPNCRNA.751	4.575505e-07	1.496176e-05	-2.779215e-05	1.010502e-04
## SPAC343.06c	-6.356803e-05	3.933300e-04	2.641499e-04	-1.460968e-03
## SPAC343.09	-9.657342e-05	9.777238e-04	-2.174324e-05	-2.663347e-04
## SPNCRNA.753	-3.454404e-07	-2.549976e-06	5.840300e-06	-1.901626e-05
## SPAC343.21	-6.738326e-06	3.450944e-05	-9.872776e-05	-4.011184e-04
## SPAC343.12	-1.163214e-03	1.633005e-03	7.428793e-03	-4.673818e-02
## SPAC343.13	-4.997408e-06	1.837556e-04	-2.215118e-04	9.434726e-04
## SPAC343.14c	-4.679858e-05	4.759837e-04	-5.035014e-04	1.175975e-03
## SPAC343.16	-2.542729e-04	3.356774e-03	-5.533910e-03	1.052313e-02
## SPAC343.18	-1.340110e-05	2.448410e-04	-1.018247e-04	2.976628e-04
## SPAC343.19	-2.007214e-05	3.738503e-04	-3.008354e-04	1.302863e-03
## SPAC824.02	-5.452331e-05	6.073372e-04	-3.551623e-04	2.139399e-03
## SPAC824.03c	-1.709263e-05	3.079248e-04	-1.623630e-04	1.315206e-03
## SPNCRNA.755	-3.270145e-07	1.589653e-05	-1.345247e-05	-4.253680e-05
## SPAC824.06	-3.618494e-05	4.900148e-04	-4.462596e-04	1.657507e-03
## SPAC824.09c	-2.595380e-05	2.907212e-04	-1.641968e-04	1.264372e-03
## SPNCRNA.177	-3.227814e-07	1.821169e-07	5.559370e-06	8.528299e-06
## SPAC664.01c	-2.945289e-05	6.328988e-04	-7.829564e-04	2.126354e-03
## SPAC664.02c	-2.555014e-05	4.320564e-04	-3.749402e-04	1.079332e-03
## SPAC664.05	-8.290661e-04	2.074592e-03	-2.680825e-03	1.481503e-02
## SPNCRNA.756	4.112314e-06	7.373965e-05	-6.643014e-05	5.561058e-04
## SPAC664.06	-8.474474e-05	1.923843e-03	-2.106299e-03	1.086529e-02
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	-1.617904e-06	1.142673e-05	-4.702752e-06	9.132571e-06
## SPAC664.13	-2.756372e-06	2.050360e-05	-3.176282e-05	8.681313e-05
## SPATRNALYS.02	2.132664e-06	1.929890e-04	2.141586e-04	3.267118e-04
## SPAC664.15	-4.530781e-05	1.948611e-04	-9.079208e-05	-7.635241e-04
## SPAC105.02c	-8.083328e-05	1.173736e-03	-6.996619e-04	2.649459e-03
## SPATRNATYR.01	-1.803573e-05	1.703353e-03	2.930430e-03	6.385282e-04
## SPAC105.03c	-3.348379e-05	5.818803e-04	-5.753720e-04	2.827064e-03
## SPAC17A5.01	-2.544289e-05	5.324945e-04	-6.652910e-04	2.404254e-03
## SPNCRNA.759	-4.030297e-08	5.935878e-06	-8.326939e-07	4.071827e-05
## SPNCRNA.556	-2.463793e-06	1.135750e-05	-1.602915e-06	-2.893335e-05
## SPAC17A5.05c	-5.134839e-06	1.232441e-04	-9.405806e-05	4.073774e-04
## SPAC17A5.07c	-1.843189e-05	1.838688e-04	-2.700256e-04	8.310425e-04
## SPAC17A5.09c	-2.248383e-05	1.790998e-04	1.324892e-04	-5.021995e-04
## SPATRNAILE.01	-7.192819e-06	2.167230e-04	4.009349e-04	2.951064e-04
## SPNCRNA.760	-1.140769e-06	2.094945e-05	-1.369104e-05	3.143260e-05
## SPNCRNA.761	-4.170112e-06	6.126493e-05	-8.562677e-05	1.397610e-04
## SPAC17A5.13	-4.460210e-05	5.205126e-04	-5.950239e-04	1.207993e-03
## SPAC17A5.15c	-4.485551e-04	4.651572e-03	-4.813453e-03	1.237154e-02
## SPNCRNA.762	-2.310264e-05	2.948740e-04	-3.668473e-04	5.042549e-04

## SPAC1002.01	-9.752605e-07	6.220131e-06	-1.890175e-05	1.276818e-04
## SPAC1002.06c	-2.728881e-07	3.779018e-06	8.243444e-06	-2.791744e-05
## SPAC1002.07c	-3.815013e-05	4.916659e-04	-5.345553e-04	5.862454e-04
## SPAC1002.08c	-4.188547e-05	4.623123e-04	-7.937709e-05	-4.444959e-04
## SPNCRNA.763	-5.067774e-07	2.987880e-05	-3.852886e-05	8.119672e-05
## SPAC1002.10c	-1.352727e-05	2.221665e-04	-1.589420e-04	4.389466e-04
## SPAC1002.11	-2.072603e-05	4.008328e-04	1.217195e-04	5.140872e-04
## SPAC1002.13c	-5.052148e-04	4.048025e-03	-4.448846e-04	4.445763e-02
## SPAC1002.15c	-1.137145e-05	9.986584e-05	-1.794577e-04	5.636880e-04
## SPAC1002.14	-6.612554e-05	5.697751e-04	1.321664e-04	-1.904312e-03
## SPAC1002.16c	2.474645e-06	1.042430e-05	-1.554677e-05	-3.809292e-05
## SPAC1002.17c	-7.994148e-05	6.335871e-04	9.039331e-04	-1.311789e-03
## SPAC1002.18	-7.350782e-05	8.410894e-04	3.119526e-04	-3.341841e-04
## SPAC1399.05c	-2.983860e-05	2.677664e-04	-2.502599e-04	2.829968e-04
## SPNCRNA.764	-6.096351e-06	5.039596e-05	-4.945569e-05	9.995912e-05
## SPNCRNA.178	-7.966614e-08	2.404037e-05	-6.151676e-05	8.986565e-05
## SPAC1399.02	-1.168215e-05	1.479529e-04	-1.815638e-04	6.424416e-04
## SPAC1399.06	-2.328382e-06	-2.604086e-06	-7.910503e-06	6.988398e-05
## SPAP11E10.01	-4.497970e-05	5.888435e-04	-3.393932e-04	9.180151e-04
## SPAPB1A10.03	-5.969919e-06	4.574961e-05	-6.055169e-06	1.648664e-04
## SPAPB1A10.16	-9.149171e-06	1.000877e-04	-1.194109e-04	2.043025e-04
## SPAPB1A10.04c	-1.442667e-05	1.909497e-04	-6.788515e-05	5.748122e-04
## SPNCRNA.765	6.076936e-07	2.215228e-05	-2.367706e-05	8.062922e-05
## SPAPB1A10.05	-1.353304e-05	5.557986e-05	5.149214e-05	-2.191447e-04
## SPNCRNA.766	-1.983430e-06	4.004647e-05	-2.744051e-05	1.615662e-04
## SPAPB1A10.09	-4.044286e-05	2.539150e-04	-2.683485e-04	5.654536e-04
## SPAPB1A10.13	-1.422808e-05	3.701461e-05	-1.180504e-04	7.173155e-04
## SPAPB1A10.14	-7.699865e-06	1.313893e-05	-2.536578e-06	3.109915e-04
## SPAPB1A10.15	-2.546707e-06	5.848215e-05	-4.632125e-05	3.104265e-04
## SPAC140.01	-1.724139e-04	1.678961e-03	4.303099e-04	-7.653605e-04
## SPAC140.03	-1.520334e-05	1.684947e-04	-1.499646e-04	7.765862e-04
## SPNCRNA.182	-8.664519e-08	7.777624e-08	1.603290e-06	-4.421985e-07
## SPNCRNA.772	-4.741035e-06	6.390369e-06	7.631399e-06	6.213319e-05
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	-4.249450e-08	1.855720e-05	-4.253337e-05	4.717429e-05
## SPAC110.01	-3.598170e-05	1.523412e-04	-5.202049e-04	2.217367e-03
## SPAC110.03	-7.074802e-05	1.337410e-03	-9.446277e-04	5.798066e-03
## SPNCRNA.774	-8.563761e-07	2.399198e-05	2.400522e-06	3.733038e-05
## SPAC3H1.01c	-5.393352e-05	7.765894e-04	-4.085243e-04	2.507148e-03
## SPAC3H1.02c	-8.035945e-05	8.840672e-04	-6.817613e-04	1.154970e-03
## SPAC3H1.04c	-2.935139e-05	6.192177e-04	-2.940280e-04	2.005203e-03
## SPAC3H1.05	-1.171846e-04	1.095813e-03	-1.022567e-03	2.705840e-03
## SPAC3H1.06c	-5.167624e-05	3.817203e-04	-2.056400e-04	4.745098e-04
## SPAC3H1.07	-5.735583e-04	3.535329e-03	-2.595485e-03	1.458096e-02
## SPAC3H1.09c	-4.688779e-05	4.369758e-04	-8.256557e-05	1.150724e-03
## SPNCRNA.777	-3.583999e-06	6.482324e-05	-8.700283e-05	2.012221e-04
## SPNCRNA.781	-4.297760e-06	4.504657e-05	-8.254679e-05	9.608511e-05
## SPNCRNA.783	-1.143387e-06	1.108262e-05	-3.114250e-05	5.122530e-05
## SPNCRNA.784	2.784566e-07	2.011798e-08	-2.513888e-05	6.041877e-06
## SPAC3H1.12c	-2.332745e-05	1.552603e-04	-5.851152e-05	2.512296e-04
## SPAC3H1.13	-9.865597e-06	1.893039e-04	-1.452019e-04	8.100381e-04
## SPNCRNA.530	-2.153896e-04	1.320507e-03	1.488029e-03	1.006594e-03
## SPAC9G1.14	7.199547e-08	9.320687e-06	-5.996387e-06	1.041704e-05
## SPAC9G1.02	-9.133749e-05	8.738263e-04	-1.081379e-03	5.268000e-03

## SPAC9G1.03c	-4.659852e-04	5.559418e-03	-3.421330e-03	2.114799e-02
## SPAC9G1.04	-4.101430e-06	4.086246e-04	-3.495696e-04	2.244051e-03
## SPAC9G1.08c	-2.140117e-05	2.485336e-04	-1.645954e-04	8.990484e-04
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	-2.618311e-06	1.002485e-04	-1.164533e-04	3.815812e-04
## SPAC9G1.10c	-4.007176e-05	1.688412e-04	-1.701415e-04	1.127155e-03
## SPAC9G1.13c	-1.200407e-05	2.683793e-04	-2.699000e-04	8.578303e-04
## SPNCRNA.785	-4.811168e-06	1.132289e-04	-1.135590e-04	5.226702e-04
## SPAC17H9.02	-5.422246e-05	7.175721e-04	-1.020575e-03	3.246159e-03
## SPAC17H9.03c	-6.150971e-06	1.258944e-04	-3.873925e-05	4.623573e-04
## SPAC17H9.04c	-4.755272e-05	1.504292e-03	-1.687761e-03	1.536067e-02
## SPNCRNA.787	1.636315e-07	-1.743463e-07	-5.882933e-07	-3.710864e-06
## SPAC17H9.09c	-3.404879e-05	6.195989e-04	-1.767304e-04	1.328476e-03
## SPAC17H9.10c	-4.969297e-05	1.207607e-03	-9.172981e-04	5.776217e-03
## SPAC17H9.12c	-2.100827e-05	1.209985e-04	-2.054055e-04	6.711941e-04
## SPAC17H9.13c	-4.980478e-05	9.587407e-04	-6.759714e-04	2.189761e-03
## SPAC17H9.14c	-5.924416e-04	5.119510e-03	-3.157036e-04	-1.274647e-03
## SPNCRNA.184	-3.854767e-07	7.924461e-06	1.827842e-06	1.032131e-05
## SPAC17H9.16	-1.538329e-04	1.810834e-03	-5.120243e-04	2.544947e-03
## SPAC17H9.17c	-6.486129e-06	1.078316e-04	-6.984234e-05	6.214377e-04
## SPAC17H9.20	-2.507644e-06	3.794469e-04	-4.806351e-04	1.920813e-03
## SPAC607.03c	-3.255282e-04	3.875095e-03	-3.712633e-03	1.011078e-02
## SPNCRNA.185	1.472694e-07	4.012322e-07	2.235140e-06	-3.653271e-09
## SPAC607.04	-1.365511e-05	3.120225e-04	-2.593778e-04	1.073308e-03
## SPAC607.05	-1.365836e-04	1.146701e-03	-6.019608e-04	8.358319e-04
## SPAC607.06c	-2.408931e-05	3.381732e-04	-2.403116e-04	1.007235e-03
## SPAC607.09c	-3.751951e-05	2.357323e-04	1.817852e-04	-1.409720e-03
## SPAC732.01	-4.155227e-05	4.956006e-04	-6.265417e-04	1.659725e-03
## SPAC732.02c	-6.335220e-05	6.448913e-04	-3.476883e-04	2.463736e-04
## SPAC3C7.02c	-1.272903e-05	1.314739e-04	-9.521003e-05	1.338920e-04
## SPNCRNA.791	-1.463565e-06	6.714976e-06	3.580142e-06	-6.886419e-05
## SPAC3C7.08c	-9.905242e-05	3.131181e-03	-4.146584e-03	2.389590e-02
## SPAC3C7.09	-9.824167e-06	1.444540e-04	-1.571427e-05	2.441724e-04
## SPNCRNA.793	-9.161600e-06	8.446568e-05	-6.411543e-06	-1.895964e-04
## SPNCRNA.794	-1.982774e-06	3.747750e-05	-1.259812e-04	-2.865310e-05
## SPAC25A8.03c	-2.270009e-05	1.945537e-04	-8.183015e-05	4.583889e-04
## SPAC25A8.02	-1.990787e-05	1.252796e-04	-5.294592e-05	-5.592841e-04
## SPAC631.02	-2.543086e-04	1.013388e-03	-3.814673e-04	-5.979759e-03
## SPAC20H4.02	-4.745490e-05	5.777718e-04	1.520677e-04	-3.743656e-04
## SPAC20H4.03c	-3.006939e-05	6.973739e-04	-4.158272e-04	2.155492e-03
## SPAC20H4.04	-1.674449e-05	6.376019e-05	-1.555666e-04	6.295139e-04
## SPAC20H4.08	-8.723237e-06	2.212106e-04	-3.393310e-04	8.524692e-04
## SPAC20H4.09	-1.052091e-05	2.453851e-04	-3.156128e-04	8.247915e-04
## SPNCRNA.797	-1.663425e-06	5.338642e-05	-8.137710e-05	1.890054e-04
## SPAC20H4.10	-1.025688e-04	7.669385e-04	-3.066549e-04	7.236832e-04
## SPAC23C11.01	-1.805749e-05	2.991409e-04	-2.205642e-04	1.826532e-03
## SPAC23C11.03	-4.655382e-05	1.030106e-03	-1.326749e-03	5.825355e-03
## SPAC23C11.04c	-6.432705e-06	8.804402e-05	-6.550253e-05	9.912754e-05
## SPAC23C11.05	-5.935651e-04	3.683872e-03	-2.181054e-03	6.305693e-03
## SPAC23C11.08	-8.992499e-06	8.497586e-05	-1.025707e-04	-1.539726e-04
## SPNCRNA.799	-2.476392e-06	1.675584e-05	1.334363e-05	-7.421000e-05
## SPAC23C11.09	-6.885591e-04	6.521911e-03	-5.934123e-03	1.186357e-02
## SPAC23C11.10	-4.482798e-06	1.770708e-05	-6.399804e-06	3.934586e-05
## SPAC23C11.11	-6.704697e-05	6.689246e-04	-8.301822e-04	3.411510e-03

## SPNCRNA.800	-1.180543e-05	9.997185e-05	4.085626e-05	2.489479e-04
## SPAC23C11.14	-4.154710e-05	9.052720e-04	-1.587533e-03	6.813635e-03
## SPAC23C11.15	-5.454273e-05	6.007336e-04	-3.878505e-04	1.496291e-03
## SPAC23C11.17	-1.403478e-04	1.723677e-03	-1.774687e-04	-1.133871e-03
## SPAC13F5.01c	-7.964091e-06	1.213339e-04	-2.030742e-04	1.419933e-03
## SPAC13F5.02c	-3.642895e-05	4.037502e-04	-2.954203e-04	5.379852e-04
## SPNCRNA.801	-1.407383e-06	1.818228e-05	-4.247158e-06	-5.442600e-06
## SPAC13F5.06c	-5.629606e-05	7.007808e-04	-2.031731e-04	8.779022e-04
## SPNCRNA.802	-1.044500e-06	1.014428e-05	-1.306836e-05	1.126651e-04
## SPAC13F5.07c	4.754553e-09	3.597058e-05	2.572812e-05	-9.432600e-06
## SPAC1783.02c	-1.481249e-05	2.954536e-04	-3.002739e-04	1.599711e-03
## SPAC1783.04c	-1.215872e-05	3.327771e-05	-2.062805e-04	1.240677e-03
## SPNCRNA.803	-2.796969e-06	1.513502e-05	-9.806315e-06	-7.348123e-05
## SPAC1783.06c	2.271386e-06	2.881794e-05	-4.546271e-05	8.650544e-05
## SPNCRNA.804	-5.849050e-07	1.522634e-05	-4.483044e-05	1.891820e-04
## SPAC1783.07c	-1.358422e-04	1.209051e-03	-1.744885e-04	-3.309777e-03
## SPAC1783.08c	-5.475851e-04	6.987706e-03	-2.218455e-03	2.116259e-02
## SPAC1327.01c	-2.037420e-05	1.972674e-04	-2.488053e-04	1.387949e-03
## SPAC18G6.01c	-2.569384e-05	2.919255e-04	-1.007599e-05	2.381807e-04
## SPAC18G6.02c	-9.651538e-06	3.529772e-04	-2.535654e-04	1.362784e-03
## SPATRNAVAL.03	3.074609e-05	1.683085e-03	3.096315e-03	2.499649e-03
## SPAC18G6.04c	-9.581090e-05	1.063264e-03	-1.078640e-03	2.038102e-03
## SPAC18G6.05c	-3.239601e-04	3.011695e-03	-4.084857e-03	1.727982e-02
## SPAC18G6.06	-3.164669e-05	3.885204e-04	-4.823342e-04	1.010234e-03
## SPAC18G6.07c	-1.151573e-04	1.322822e-03	-1.033199e-03	4.035938e-03
## SPAC18G6.09c	-1.087245e-04	3.745965e-04	1.386947e-04	-1.748998e-03
## SPAC18G6.10	-2.561318e-05	8.456670e-05	-1.139768e-04	6.916045e-04
## SPAC18G6.11c	-7.506285e-05	1.224064e-03	-7.329393e-04	6.183478e-03
## SPAC18G6.12c	-9.679809e-06	1.555520e-04	-1.330628e-04	7.550370e-05
## SPNCRNA.806	-1.056696e-07	1.586258e-05	-3.067540e-06	5.999440e-05
## SPAC18G6.13	-5.434702e-06	5.412804e-05	-2.023866e-05	7.598411e-05
## SPAC18G6.14c	-9.492610e-04	6.391452e-03	-4.781452e-03	3.363961e-02
## SPAC13D6.02c	-1.397475e-04	9.938693e-04	-3.004878e-03	1.340009e-02
## SPNCRNA.189	-1.092635e-06	1.847818e-05	-5.544836e-06	7.532235e-05
## SPATRNaGLY.02	-2.513129e-05	7.121774e-04	1.389471e-03	-6.179144e-04
## SPAC13D6.04c	-4.796731e-06	4.571785e-05	-3.748014e-05	2.804207e-04
## SPAC13D6.05	-4.926143e-05	2.977583e-04	1.107660e-05	-1.506912e-05
## SPAC4G9.02	-2.020257e-05	3.290618e-04	1.664406e-05	4.386162e-04
## SPAC4G9.07	5.046311e-07	1.757809e-05	3.058893e-06	6.955006e-06
## SPAC4G9.08c	-6.092655e-05	3.937945e-04	-4.993031e-04	3.843114e-03
## SPAC4G9.13c	-4.227898e-05	3.787348e-04	-1.542046e-04	-3.057263e-04
## SPAC4G9.16c	-9.514779e-04	1.082550e-02	-8.557442e-03	1.622637e-02
## SPAC4G9.17c	-1.316345e-05	2.126685e-04	-3.974863e-04	1.036937e-03
## SPAC4G9.22	-7.410303e-05	2.317656e-04	-1.306346e-04	-3.486015e-03
## SPNCRNA.811	2.099165e-07	2.897862e-06	-4.949137e-06	4.321599e-06
## SPNCRNA.190	-2.721938e-06	3.389459e-05	-8.393623e-06	9.377776e-05
## SPAC13G7.07	1.419005e-06	5.581662e-05	-3.835547e-05	2.665899e-04
## SPAC13G7.08c	-3.314841e-05	1.003342e-03	-1.120827e-03	6.377623e-03
## SPAC13G7.09c	-4.091343e-06	1.576169e-04	-1.238827e-04	2.753607e-04
## SPAC13G7.11	-4.459164e-05	3.001001e-04	-2.483738e-04	3.534657e-05
## SPAC6C3.02c	-1.818044e-04	1.476852e-03	-5.072230e-04	-2.990621e-03
## SPAC6C3.04	-1.878580e-04	1.168989e-03	-1.658259e-04	-6.562675e-03
## SPNCRNA.814	-2.757308e-06	1.721132e-05	1.482034e-05	-1.651073e-05
## SPAC6C3.06c	-3.100740e-05	1.196158e-03	-1.321303e-03	7.249789e-03

## SPAC6C3.07	-1.276605e-06	5.585207e-06	4.550951e-06	4.524916e-05
## SPAC17G8.01c	-7.128855e-05	9.317191e-04	-6.638934e-04	2.084195e-03
## SPAC17G8.02	-5.329700e-05	4.623622e-04	-1.266734e-04	8.123969e-05
## SPAC17G8.05	-2.851686e-06	1.482645e-04	-5.614533e-05	5.435888e-04
## SPAC17G8.07	-8.253584e-06	3.247980e-04	-2.274755e-04	1.496535e-03
## SPAC17G8.09	-1.212877e-06	4.020862e-05	-9.310449e-05	1.466454e-04
## SPAC17G8.10c	-2.407058e-05	1.786045e-04	-7.490452e-05	-7.976411e-04
## SPNCRNA.817	-1.912348e-07	2.273567e-06	-2.778373e-06	-6.216567e-07
## SPAC17G8.12	-3.770071e-05	3.848199e-04	-1.304057e-04	-1.820556e-04
## SPNCRNA.192	-2.081882e-07	2.604898e-06	-6.135982e-06	2.782251e-05
## SPNCRNA.819	1.240161e-06	2.375177e-05	5.062662e-06	1.333380e-04
## SPAC22H10.03c	-1.013373e-04	9.068270e-04	-6.749727e-04	1.248520e-03
## SPNCRNA.821	-6.659472e-07	2.074773e-06	3.439630e-06	-3.325228e-05
## SPAC22H10.13	-6.993359e-05	2.994791e-04	5.288030e-04	-2.598421e-03
## SPAC22H10.09	-3.564379e-05	7.332385e-04	-6.482303e-04	1.749590e-03
## SPAC22H10.10	-3.088431e-06	1.131111e-04	-2.167405e-04	7.089244e-04
## SPAC15F9.02	-7.810704e-05	6.280926e-04	-4.618552e-04	6.776104e-04
## SPAC15F9.03c	-1.406009e-04	1.112948e-03	-1.048019e-04	1.073266e-03
## SPAC1B9.02c	-1.010393e-04	9.976399e-04	-5.172563e-04	-7.409719e-04
## SPAC1B9.03c	4.450004e-06	8.616736e-04	-9.449031e-04	5.997848e-03
## SPAC6B12.03c	-1.743327e-05	7.054351e-05	4.660137e-05	-1.225027e-03
## SPAC6B12.18	-2.171353e-05	4.760902e-04	-2.654589e-04	9.786754e-04
## SPAC6B12.07c	-3.604038e-04	1.218935e-03	6.889795e-04	-1.735809e-02
## SPAC6B12.08	-1.569325e-05	1.721150e-04	-5.803352e-05	-5.233377e-04
## SPAC6B12.13	-3.291032e-05	4.609104e-04	-1.294807e-04	6.507992e-04
## SPNCRNA.195	-6.882534e-07	8.063317e-06	8.154321e-06	-4.987714e-06
## SPAC6B12.15	-1.325189e-03	8.021017e-03	-5.705957e-03	2.431120e-02
## SPATRNALYS.03	-1.094736e-05	2.511118e-04	2.139830e-04	2.695408e-04
## SPAC32A11.02c	-1.596718e-03	2.453930e-03	1.209221e-03	-8.985901e-02
## SPNCRNA.828	-2.987670e-05	1.477968e-04	2.009522e-04	-1.517257e-03
## SPNCRNA.829	-5.655869e-06	3.884285e-05	-4.119814e-05	-6.002806e-05
## SPAC19A8.13	-3.626660e-05	3.274598e-04	-1.068604e-04	8.236156e-06
## SPAC19A8.12	-2.728177e-05	1.243071e-04	-7.660783e-05	1.169936e-04
## SPAC19A8.11c	-2.892246e-05	1.962030e-04	-2.428435e-04	4.426136e-04
## SPAC19A8.10	-4.744189e-05	4.577110e-04	3.702388e-05	1.103353e-04
## SPAC19A8.09	-1.235575e-05	9.558917e-05	-2.860564e-05	-1.155894e-04
## SPAC19A8.08	-4.812946e-05	5.746511e-04	-5.814094e-04	2.006014e-03
## SPNCRNA.286	1.859757e-08	-5.818443e-07	-3.011488e-06	-6.658552e-06
## SPAC19A8.07c	1.063677e-05	4.539426e-04	-7.256641e-04	4.388600e-03
## SPAC19A8.05c	-4.598834e-05	2.383358e-04	9.447733e-05	-9.500007e-04
## SPAC19A8.04	-2.385390e-04	7.696194e-04	-1.850881e-03	3.718679e-03
## SPAC19A8.03	-1.339296e-05	3.505318e-04	-2.568721e-04	1.209933e-03
## SPAC19A8.02	-1.076381e-04	7.385718e-04	-7.900855e-04	-1.618045e-05
## SPAC19A8.01c	-4.975260e-05	4.384269e-04	-8.793521e-05	2.576785e-05
## SPAC23H3.04	-9.268730e-06	8.355021e-05	-2.001830e-05	-6.622911e-05
## SPAC23H3.05c	-4.055933e-05	4.631553e-04	-4.404328e-04	1.380124e-03
## SPAC23H3.06	-6.734157e-05	6.499797e-04	-4.535118e-04	3.746597e-04
## SPAC23H3.08c	-1.725116e-05	1.619626e-04	-4.344940e-05	-2.068037e-04
## SPAC23H3.13c	-3.226250e-05	1.281531e-04	-3.007016e-04	8.731443e-04
## SPNCRNA.197	-3.553199e-08	2.098595e-06	-5.228428e-06	-2.156408e-06
## SPNCRNA.831	4.011651e-08	-1.081542e-06	-4.610074e-07	8.760762e-07
## SPAC23H3.15c	-5.367921e-03	1.504449e-02	1.988696e-02	-3.256192e-01
## SPNCRNA.833	-1.979559e-06	6.616958e-05	-4.336369e-05	-4.997058e-05
## SPAC25H1.04	-5.676269e-05	3.723672e-04	-1.372033e-04	-1.015458e-03

## SPAC25H1.05	-2.945520e-05	5.538812e-04	-1.498663e-04	1.079232e-03
## SPAC25H1.06	-3.111787e-05	4.659112e-04	-2.651705e-04	1.464566e-03
## SPAC25H1.07	-1.690702e-04	2.668221e-03	-1.763408e-03	8.076799e-03
## SPAC25H1.08c	-1.471037e-04	1.627165e-03	-6.220748e-04	4.461295e-03
## SPAC4A8.04	-2.961788e-04	6.072291e-04	1.202573e-03	-1.054535e-02
## SPAC4A8.05c	-4.148527e-05	1.137352e-03	-1.343278e-03	8.319500e-03
## SPNCRNA.836	-1.052612e-05	7.060910e-05	1.141861e-04	-1.826596e-04
## SPNCRNA.837	-3.352280e-06	5.568696e-05	-4.147204e-06	6.003377e-04
## SPAC4A8.07c	-1.983327e-05	6.443030e-04	-7.615977e-04	4.294557e-03
## SPAC4A8.08c	-5.501660e-05	8.190403e-04	-4.642501e-04	2.664664e-03
## SPNCRNA.838	-9.297350e-06	7.119104e-05	-1.752780e-05	2.167907e-04
## SPSNRNA.06	-2.055172e-04	1.018670e-02	6.749547e-04	1.428579e-02
## SPAC4A8.10	-9.537146e-05	7.803110e-04	-5.771114e-04	-2.396847e-03
## SPNCRNA.839	-5.081257e-06	1.868405e-05	-5.515674e-06	1.444055e-04
## SPAC4A8.12c	-2.665894e-05	3.522070e-04	-2.382433e-04	5.463284e-04
## SPAC4A8.14	-1.282396e-04	1.414182e-03	-8.776545e-04	9.631603e-04
## SPATRNAILE.02	-1.470620e-04	6.209085e-03	5.832292e-03	5.163877e-04
## SPAC823.03	-2.109467e-04	8.266912e-04	3.584961e-04	-9.003925e-03
## SPAC823.07	-4.897193e-05	3.856806e-04	4.028097e-05	-2.302493e-04
## SPNCRNA.199	9.024774e-07	8.043881e-06	7.750568e-06	3.125068e-05
## SPAC823.11	-5.391608e-05	7.005057e-04	-6.892409e-04	2.118588e-03
## SPAC823.12	-1.184978e-04	1.025113e-03	-5.337165e-04	-4.215229e-04
## SPAC823.13c	-6.676604e-06	3.365838e-04	-2.217107e-04	1.523256e-03
## SPAC823.14	-8.899951e-05	9.728359e-04	-9.512063e-04	4.765485e-04
## SPNCRNA.841	-1.020977e-05	5.474248e-05	1.513606e-05	-1.548670e-04
## SPAC823.16c	-1.672555e-05	1.379557e-04	-5.182546e-05	2.786343e-05
## SPAC7D4.14c	-9.004932e-06	1.165359e-04	-2.452356e-05	5.386644e-04
## SPAC7D4.11c	-1.940096e-05	3.460752e-04	-1.687922e-04	1.401589e-03
## SPAC7D4.09c	-8.710896e-06	1.379914e-04	-1.486464e-04	4.426756e-04
## SPAC7D4.08	-1.104216e-06	2.060133e-05	-1.149810e-05	1.064813e-04
## SPAC7D4.06c	3.438641e-06	2.833160e-04	-7.069257e-05	1.928701e-03
## SPAC7D4.04	-1.853552e-05	4.921947e-04	-6.701525e-04	2.490489e-03
## SPAC7D4.03c	-9.567061e-05	1.009963e-03	-3.228811e-04	-3.719613e-04
## SPAC4F8.15	-6.154292e-05	8.955597e-04	-6.662794e-04	2.109337e-03
## SPAC4F8.14c	-3.407028e-04	2.023451e-03	-1.553007e-03	4.113632e-03
## SPNCRNA.843	-1.311991e-06	7.702544e-06	8.858487e-06	-5.799586e-05
## SPAC4F8.12c	-2.159835e-04	1.602056e-03	-1.520024e-03	8.640674e-03
## SPNCRNA.326	1.019130e-08	6.348503e-07	-2.348981e-06	-4.486288e-06
## SPAC4F8.10c	-7.219801e-05	5.873075e-04	1.614041e-04	-1.149132e-03
## SPNCRNA.200	-7.806806e-08	5.827897e-07	-1.127806e-05	1.564676e-05
## SPAC4F8.07c	-1.116040e-03	1.299660e-02	-3.379347e-03	2.538045e-02
## SPAC4F8.03	-4.940521e-06	1.710329e-04	-2.597572e-04	4.558226e-04
## SPAC4F8.02c	-1.536789e-05	3.803583e-05	-1.015471e-04	5.074693e-04
## SPAC4F8.01	-3.461937e-06	1.687072e-05	-2.061142e-05	3.922763e-04
## SPAC644.04	-6.401683e-06	3.111816e-04	-2.945068e-04	1.472623e-03
## SPAC644.05c	-2.750594e-06	2.331137e-04	-4.737539e-04	2.545857e-03
## SPAC644.08	-3.124927e-05	3.719718e-04	-2.773564e-05	1.948649e-04
## SPAC644.11c	-3.630001e-05	6.665364e-04	-7.504919e-05	2.431524e-03
## SPNCRNA.202	-6.365302e-08	-1.218740e-07	-7.368331e-07	2.474951e-06
## SPAC644.14c	-3.872564e-05	3.855527e-04	-9.925169e-05	8.017332e-04
## SPAC644.15	-3.339346e-04	5.630643e-03	-5.838790e-03	2.058531e-02
## SPAC644.16	-4.654867e-05	3.404836e-04	-1.214491e-04	2.205640e-03
## SPNCRNA.845	-5.439203e-07	4.137371e-06	2.823054e-06	-8.974739e-06
## SPAPB2B4.02	-5.733908e-05	6.967402e-04	-4.189377e-04	3.921604e-04

## SPAPB2B4.03	-5.230092e-06	6.681337e-04	-3.144412e-04	6.338976e-03
## SPAPB2B4.04c	-1.987137e-04	5.592378e-04	3.014647e-04	-6.603113e-03
## SPAC6F6.02c	-1.092009e-05	2.522598e-04	-2.856019e-05	6.325919e-04
## SPAC6F6.03c	-1.865054e-04	2.763128e-03	-1.395439e-03	9.002695e-03
## SPAC6F6.04c	-1.847809e-05	2.233445e-04	-1.365163e-04	7.246904e-04
## SPNCRNA.848	-8.255205e-07	1.337593e-05	-3.815110e-06	-4.678272e-06
## SPAC6F6.08c	-4.016942e-06	2.912918e-05	1.860209e-05	4.702161e-05
## SPAC6F6.09	-1.526660e-05	1.717501e-04	-8.911158e-05	6.934606e-05
## SPAC6F6.10c	-9.568877e-05	3.913238e-04	-4.082632e-05	1.753883e-05
## SPAC6F6.11c	-9.946651e-06	9.574375e-05	-2.115514e-04	3.171808e-04
## SPNCRNA.849	-3.137691e-06	5.750603e-05	-3.928954e-05	2.384779e-05
## SPAC6F6.13c	-4.526109e-05	4.509849e-04	-4.598024e-04	1.352608e-03
## SPAC6F6.17	-2.389248e-05	1.059757e-03	-1.461671e-03	7.318458e-03
## SPNCRNA.852	-2.839463e-07	5.866372e-06	1.261836e-05	-8.203048e-06
## SPAC1805.03c	-2.195117e-06	1.058825e-04	-1.203006e-04	5.179775e-04
## SPAC1805.04	-5.964528e-05	6.148350e-04	-8.018187e-04	3.082055e-03
## SPAC1805.05	-1.272418e-04	2.136194e-03	-8.649651e-04	7.032898e-03
## SPSNORNA.52	-9.321729e-05	9.420471e-04	8.352648e-04	9.784351e-04
## SPAC1805.11c	-4.876944e-04	2.179692e-03	-5.033272e-04	1.072849e-02
## SPAC1805.14	-1.855015e-05	3.640029e-04	-2.248225e-04	1.941601e-03
## SPAC1805.15c	-7.343502e-06	7.967959e-05	-9.002572e-05	6.175351e-04
## SPAC1805.16c	-2.738771e-05	2.972219e-04	-1.702618e-04	1.554479e-04
## SPNCRNA.208	2.941917e-08	6.210766e-07	-4.078394e-06	3.371401e-06
## SPAC1805.17	-1.256064e-04	1.179790e-03	-1.655706e-03	7.816878e-03
## SPAC1B2.06	-2.581060e-06	8.343872e-05	-1.659952e-04	2.559459e-04
## SPAC3F10.02c	-3.524278e-05	7.208574e-04	-4.501087e-04	2.830569e-03
## SPAC3F10.05c	-2.487202e-05	3.320365e-04	-1.649328e-04	2.009250e-03
## SPAC3F10.07c	-2.052440e-07	2.469285e-05	1.149773e-06	1.576828e-04
## SPAC3F10.19	-3.359920e-05	1.842108e-04	-1.422199e-05	-3.754172e-05
## SPAC3F10.08c	2.778928e-06	2.361116e-04	-2.276814e-04	1.025362e-03
## SPAC3F10.10c	-3.596555e-06	2.048013e-05	-3.091269e-05	1.565271e-04
## SPAC3F10.12c	-3.341043e-05	3.506248e-04	-7.219065e-05	2.561022e-04
## SPAC8F11.02c	-3.155934e-05	5.770786e-04	-4.736484e-05	8.101847e-04
## SPAC8F11.05c	-1.478816e-07	7.101987e-06	-6.157850e-07	-2.128216e-05
## SPAC8F11.06	-6.940597e-06	1.114410e-04	-5.596339e-05	2.414954e-04
## SPAC8F11.07c	-8.914980e-06	2.016331e-04	-2.719713e-04	8.959345e-04
## SPAC8F11.10c	-6.331319e-05	6.890391e-04	-1.010493e-03	5.860282e-03
## SPACUNK4.13c	-1.230254e-05	7.671672e-05	-1.307259e-04	3.671023e-04
## SPACUNK4.10	-1.030882e-04	3.679240e-04	-1.381483e-04	2.733435e-04
## SPNCRNA.858	-1.084445e-06	3.909400e-06	1.844038e-05	-4.586584e-05
## SPACUNK4.07c	-1.727013e-04	9.725799e-04	-2.111985e-03	4.654713e-03
## SPACUNK4.06c	-1.549309e-05	7.897029e-04	-2.021241e-04	3.742196e-03
## SPAC513.01c	-2.876182e-04	9.730730e-04	-2.896575e-03	7.918427e-03
## SPAC513.02	-4.612482e-05	8.115276e-06	6.845024e-05	-2.095833e-03
## SPAC513.03	-8.842436e-06	5.354130e-05	3.380645e-05	4.441569e-04
## SPAC513.05	-9.543286e-05	7.543005e-04	-7.543425e-05	6.966017e-04
## SPAC2E1P3.01	-1.016166e-04	7.847010e-04	1.081025e-03	-2.924596e-03
## SPNCRNA.859	5.910698e-07	1.653636e-05	-5.700587e-05	-1.130808e-05
## SPAC2E1P3.04	-5.176017e-05	6.872885e-04	-5.080208e-04	1.441809e-03
## SPAPB2C8.01	-7.940703e-05	5.147075e-04	-3.969349e-04	3.281897e-03
## SPNCRNA.864	-3.958963e-06	2.570976e-05	-4.178823e-05	8.993119e-05
## SPAPB24D3.05c	-4.702028e-07	1.615394e-05	1.869414e-06	-4.805234e-05
## SPAPB24D3.06c	-2.494368e-05	3.158972e-04	-2.084891e-04	2.287783e-04
## SPNCRNA.865	-1.721548e-06	3.220604e-05	-4.635213e-05	-1.345967e-06

## SPAPB24D3.08c	-7.276118e-05	6.693087e-04	7.109832e-04	2.488717e-03
## SPNCRNA.866	-1.287764e-05	7.410568e-05	8.398102e-05	9.098184e-05
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	8.838025e-07	9.087558e-06	-5.103078e-06	6.543771e-05
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-5.353090e-06	8.050972e-06	2.781923e-05	-2.181127e-04
## SPAPB1A11.03	-5.579123e-05	1.563213e-04	3.121380e-04	-3.227410e-03
## SPAC31G5.01	-1.295176e-05	2.874604e-04	-2.084759e-05	6.010840e-04
## SPAC31G5.03	-6.561944e-04	2.387450e-03	-1.042042e-03	1.714131e-02
## SPAC31G5.05c	-1.994465e-04	2.413072e-03	-1.285410e-03	2.623073e-03
## SPAC31G5.07	-3.331656e-06	2.151834e-05	1.513084e-05	-9.516093e-05
## SPAC31G5.09c	-2.344664e-06	1.823746e-05	2.290676e-05	7.125518e-05
## SPNCRNA.872	-3.581675e-06	1.419422e-05	1.068205e-05	-1.883238e-05
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-4.559598e-06	5.751938e-05	-5.383737e-05	2.251108e-04
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	1.327775e-06	7.702684e-07	-1.332181e-05	3.904535e-05
## SPAC31G5.12c	-3.839651e-05	2.251739e-04	3.890066e-06	-1.723148e-03
## SPAC31G5.13	-2.766685e-04	2.544491e-03	-5.501661e-04	-2.759392e-03
## SPNCRNA.875	-4.625951e-07	1.197280e-05	-1.471679e-05	1.379853e-04
## SPAC31G5.15	-3.736582e-05	2.701763e-04	-2.242176e-04	6.749668e-04
## SPAC31G5.17c	-4.223866e-04	5.351896e-03	-4.662031e-03	1.938252e-02
## SPAC1786.01c	-3.041739e-04	1.696442e-03	-8.280453e-04	-9.698965e-03
## SPAC1786.04	1.989202e-07	-1.912814e-06	9.217862e-07	4.776564e-06
## SPNCRNA.878	-4.454302e-07	2.729842e-06	-1.509780e-06	1.775596e-05
## SPAC24C9.03	-8.230370e-05	3.656509e-04	-9.058887e-04	1.412549e-03
## SPAC24C9.16c	-4.869626e-06	3.912874e-06	5.882093e-05	4.422103e-04
## SPATRNASER.02	4.431283e-06	7.203008e-04	1.226412e-03	1.684047e-04
## SPAC24C9.06c	-1.011646e-03	5.187346e-03	1.971624e-03	-1.333242e-02
## SPNCRNA.879	-1.825244e-06	-4.237039e-07	5.312683e-06	-4.665925e-05
## SPNCRNA.880	-5.697857e-06	6.063150e-05	-6.179405e-05	1.722600e-04
## SPNCRNA.212	-8.342451e-07	3.289693e-06	-2.410449e-06	-1.079586e-06
## SPAC24C9.09	-4.045733e-05	5.234783e-04	-1.963581e-04	-5.399943e-05
## SPAC24C9.13c	-4.032051e-06	1.069107e-04	-6.318020e-05	2.345996e-04
## SPAC24C9.14	-7.603214e-05	4.503043e-04	9.856565e-05	-1.024620e-03
## SPNCRNA.883	-8.263507e-07	1.021546e-05	3.341624e-06	-5.801868e-05
## SPAC24C9.15c	-1.713221e-06	1.195968e-05	-1.375436e-05	-5.063318e-05
## SPAC16A10.01	-1.661917e-04	4.608952e-04	5.403720e-04	-8.650051e-03
## SPAC16A10.03c	-1.542077e-05	3.906538e-04	-2.443844e-04	1.755049e-03
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	2.906151e-07	-5.419977e-07	-3.761385e-07	-9.211101e-07
## SPAC16A10.04	-3.280372e-05	3.677953e-04	-1.474055e-04	9.317961e-04
## SPAC589.02c	-2.369510e-05	1.745519e-04	-1.745112e-04	2.710537e-04
## SPNCRNA.886	-5.590738e-06	3.687134e-05	-4.316802e-05	5.062458e-05
## SPAC589.04	-6.405534e-06	1.960133e-04	-4.242283e-05	8.904467e-04
## SPAC589.05c	-1.571742e-05	1.793391e-04	-1.689139e-05	7.147363e-04
## SPAC589.07c	-7.192723e-06	4.431417e-05	1.037609e-05	-2.864733e-04
## SPNCRNA.560	-2.391976e-06	2.641197e-05	-2.220760e-05	1.806415e-05
## SPAC589.09	-8.458810e-05	7.183452e-04	-2.398211e-04	-1.666223e-03
## SPAC589.10c	-1.408376e-03	1.714513e-02	3.947026e-03	1.757515e-02
## SPAC589.12	-2.533393e-04	2.941934e-03	-1.917004e-03	6.942850e-03
## SPAC688.03c	-8.849972e-06	4.912223e-05	2.275557e-05	-2.869985e-04
## SPAC688.04c	-2.585784e-04	9.489532e-04	1.133492e-03	-1.321784e-02
## SPNCRNA.887	-1.594361e-06	4.372457e-05	7.497978e-06	-1.238546e-04

## SPAC688.10	-1.360324e-05	1.381062e-04	-1.619775e-04	2.397795e-04
## SPAC688.11	-1.585564e-04	1.118153e-03	-6.374214e-04	3.490562e-03
## SPAC688.12c	-1.543261e-05	2.266485e-04	-2.347765e-04	3.319123e-04
## SPAC3G9.16c	-1.536139e-06	3.621427e-05	-1.750627e-05	-9.693492e-06
## SPAC3G9.14	-4.934221e-05	3.449101e-04	-4.477572e-04	3.400367e-03
## SPAC3G9.12	-4.115119e-06	3.653868e-04	-3.249511e-04	3.357140e-03
## SPATRNAALA.03	7.256215e-06	1.775502e-04	4.228347e-04	2.456606e-04
## SPAC3G9.10c	-2.973306e-06	2.845648e-04	-3.936699e-04	1.724466e-03
## SPRRNA.14	-2.239807e-04	4.876686e-03	5.642670e-03	5.461936e-03
## SPAC3G9.08	-9.873127e-06	6.843387e-05	-1.054552e-04	4.940209e-04
## SPAC3G9.05	-2.078044e-05	1.586662e-04	-5.939468e-05	1.456338e-03
## SPAC3G9.04	-1.023561e-05	1.525131e-04	-7.571052e-05	4.974013e-04
## SPNCRNA.893	-1.624729e-03	1.917598e-02	1.886948e-02	1.602153e-03
## SPNCRNA.87	-1.520695e-06	9.332222e-06	-6.273346e-07	-3.494132e-06
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	-4.534188e-06	1.232423e-04	-1.022210e-04	7.014675e-04
## SPAC1486.02c	-2.459071e-05	4.218524e-04	-1.496953e-04	1.618892e-03
## SPAC1486.03c	-4.515791e-05	8.944720e-05	-8.676476e-05	-5.723075e-05
## SPNCRNA.14	-4.349906e-07	2.568420e-06	4.123727e-06	-4.980295e-06
## SPAC1486.04c	-2.982106e-05	5.573617e-04	-1.392909e-03	5.512207e-03
## SPAC1486.06	-7.123169e-05	9.059437e-04	-5.640528e-04	2.684355e-03
## SPNCRNA.895	1.376490e-07	6.803028e-06	2.097552e-06	4.575221e-05
## SPAC1486.09	-2.388698e-05	6.587152e-04	-9.776143e-04	5.743010e-03
## SPAC6G10.06	-1.703182e-06	8.596307e-06	1.765590e-06	1.939955e-05
## SPAC6G10.11c	-2.608134e-03	2.913998e-02	8.621342e-03	9.421335e-03
## SPAC6G10.12c	-3.952311e-06	-2.381139e-05	3.142785e-05	2.455074e-03
## SPNCRNA.897	9.705870e-07	3.745705e-06	-4.513669e-06	1.140009e-04
## SPAC6G9.01c	-1.353970e-06	1.848510e-04	-2.898769e-05	1.062491e-03
## SPAC6G9.04	-4.613690e-06	1.806714e-04	-4.067337e-04	1.527765e-03
## SPAC6G9.05	-1.309981e-05	1.112021e-04	-1.078968e-04	3.385101e-04
## SPAC6G9.06c	-3.134262e-05	5.269065e-04	-4.545136e-04	1.569484e-03
## SPNCRNA.898	1.126334e-06	1.620337e-05	-1.057809e-05	7.652812e-05
## SPAC6G9.07c	-4.883808e-05	8.750400e-04	-7.487030e-05	8.271227e-04
## SPAC6G9.08	-1.464159e-04	1.530810e-03	-4.916801e-04	3.045609e-04
## SPAC6G9.10c	-2.592432e-05	1.437783e-03	-2.184910e-03	1.340984e-02
## SPAC6G9.11	-1.316710e-04	1.153634e-03	-3.756350e-04	2.786664e-03
## SPAC6G9.13c	4.616777e-07	-3.107571e-07	-9.818597e-06	2.348475e-05
## SPAC6G9.14	-3.659778e-05	1.296878e-04	-7.845907e-05	-1.007470e-04
## SPAC6G9.16c	-8.966895e-06	1.371863e-04	2.554376e-05	1.944059e-04
## SPAPB1E7.02c	-1.474511e-05	7.171887e-05	-1.827753e-04	8.561251e-04
## SPAPB1E7.05	-1.206314e-04	1.180721e-03	-2.512051e-04	5.934841e-04
## SPAPB1E7.08c	-7.119500e-05	7.251967e-04	4.445060e-04	-1.777976e-03
## SPAPB1E7.09	-1.276002e-04	1.020192e-03	-6.435297e-04	4.265612e-03
## SPAPB1E7.11c	-1.958368e-05	2.648461e-04	-4.067692e-04	1.175326e-03
## SPAPB1E7.12	-1.355223e-03	1.078061e-02	-7.805734e-03	2.202221e-02
## SPAPB1E7.14	-3.815457e-05	4.221467e-04	-7.843687e-05	6.425572e-04
## SPAC2E1P5.02c	-5.332751e-06	1.133552e-04	-3.925419e-05	6.879104e-04
## SPAC2E1P5.04c	-1.886451e-05	2.256932e-04	-5.218077e-05	9.456650e-05
## SPAC26A3.01	-2.450976e-04	3.635528e-03	1.019210e-03	8.818907e-03
## SPAC26A3.03c	-1.168370e-07	7.684774e-05	-1.138130e-04	9.493426e-04
## SPAC26A3.04	-8.319367e-04	1.031702e-02	-4.724226e-03	2.460294e-02
## SPAC26A3.06	-2.217048e-05	1.641129e-04	-3.488617e-04	1.588865e-03
## SPAC26A3.07c	-5.937487e-04	4.853995e-03	-2.381475e-03	1.165018e-02
## SPAC26A3.12c	-7.023320e-05	1.059085e-03	-7.913579e-04	5.947599e-03

## SPAC26A3.11	-5.563121e-05	6.868175e-04	-1.617019e-04	1.120753e-03
## SPAC26A3.14c	-9.243300e-06	1.543729e-05	-5.328978e-06	4.592001e-04
## SPAC26A3.16	-1.404787e-04	1.419408e-03	-5.803029e-04	1.662708e-03
## SPAC26A3.17c	-3.828796e-05	8.211465e-04	-9.147698e-04	3.776692e-03
## SPNCRNA.902	-3.530886e-06	2.003489e-05	3.038471e-05	5.833027e-05
## SPAC8E11.10	6.872149e-06	7.910781e-04	-3.728120e-03	1.250781e-02
## SPAC8E11.07c	-8.304038e-06	1.035373e-04	-1.331462e-04	2.881205e-04
## SPAC8E11.05c	-5.442473e-05	8.782472e-04	-3.597672e-04	1.260526e-03
## SPNCRNA.905	1.480619e-06	2.506425e-05	6.637131e-06	1.248161e-04
## SPAC8E11.01c	-2.034408e-05	2.361367e-04	-1.274786e-04	3.804612e-04
## SPAC959.04c	-1.228926e-05	2.930466e-04	-4.336030e-05	1.140272e-03
## SPAC959.10	-3.391639e-06	6.900691e-05	-4.901167e-05	1.647418e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-4.994319e-06	5.229822e-05	-3.770454e-05	2.889961e-04
## SPAC959.08	-8.660104e-04	8.287821e-03	-3.326298e-03	1.606669e-02
## SPNCRNA.907	-2.272738e-06	1.257029e-04	-3.020432e-05	5.022428e-04
## SPAC3H5.12c	-1.498667e-03	1.484356e-02	-8.939988e-03	2.474224e-02
## SPAC3H5.11	-2.921448e-05	1.695086e-04	-7.887975e-05	2.182184e-04
## SPAC3H5.13	-6.312020e-06	1.049845e-04	-9.878777e-05	3.402213e-04
## SPAC3H5.09c	-1.555948e-04	1.551900e-03	-7.418661e-04	2.814039e-03
## SPAC3H5.07	-5.674859e-04	5.262551e-03	-6.816300e-03	1.683571e-02
## SPAC3H5.04	-2.982146e-05	2.312010e-04	-1.193462e-04	-4.717733e-06
## SPAC3H5.05c	-1.387731e-04	1.829667e-03	-1.274542e-03	1.130209e-02
## SPAC3A11.14c	-1.079067e-05	2.540807e-04	-2.039221e-04	8.105008e-04
## SPNCRNA.561	2.826095e-07	1.423476e-05	5.634806e-06	3.910281e-05
## SPATRNAARG.01	5.810051e-05	1.253535e-03	9.266888e-04	2.447219e-03
## SPNCRNA.908	-3.903592e-06	2.875691e-05	-4.217318e-05	-2.817277e-05
## SPAC3A11.11c	-5.310216e-05	5.738456e-04	-1.672167e-04	1.053659e-03
## SPAC3A11.08	-3.249924e-05	2.816067e-04	-2.030038e-04	6.658046e-04
## SPAC3A11.07	-2.269347e-04	6.648176e-06	-7.006139e-04	2.252693e-03
## SPAC3A11.06	-5.218545e-05	2.029801e-04	4.068705e-05	-2.119351e-03
## SPAC328.01c	-1.320412e-04	1.130790e-03	-7.719597e-04	1.295042e-03
## SPAC328.02	-1.590511e-04	1.008527e-03	-4.791600e-04	-4.011041e-03
## SPNCRNA.911	-4.939320e-06	2.808278e-05	5.134316e-05	-3.653822e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	-9.351887e-04	3.025119e-03	4.086263e-03	-4.725700e-02
## SPAC328.07c	-2.773271e-05	2.291380e-04	-3.406874e-05	-2.707942e-04
## SPAC328.09	-2.689783e-05	3.161840e-04	-5.301922e-04	3.662437e-04
## SPNCRNA.912	4.465399e-08	-2.600606e-07	-1.782358e-06	6.305344e-06
## SPNCRNA.913	-3.015374e-07	7.875962e-08	6.542097e-08	-5.266434e-06
## SPAC16E8.01	-1.142402e-04	2.952459e-04	-1.519622e-04	5.063894e-03
## SPAC16E8.04c	-3.454070e-05	4.596950e-04	-3.302119e-04	1.620870e-03
## SPNCRNA.914	-8.929415e-07	2.922793e-05	-4.867221e-05	2.909100e-04
## SPNCRNA.562	-3.679527e-07	6.757921e-07	3.462042e-06	4.716887e-06
## SPAC16E8.08	-4.641100e-06	4.537443e-05	-1.693720e-05	2.118624e-04
## SPAC16E8.10c	-9.257630e-06	2.730389e-04	-2.845214e-04	1.165472e-03
## SPAC16E8.11c	-3.464996e-05	2.480501e-04	-1.835786e-04	3.184318e-04
## SPAC16E8.18	-5.826803e-06	8.908839e-05	-7.980193e-05	3.570514e-04
## SPAC16E8.12c	-4.910866e-07	2.610365e-04	-2.539475e-04	1.074597e-03
## SPAC16E8.14c	-1.381623e-05	1.465593e-04	-1.738827e-04	5.805509e-04
## SPAC16E8.16	-1.175211e-04	1.246576e-03	5.151410e-04	3.476941e-04
## SPAC16E8.17c	-5.759348e-05	7.311285e-04	-1.508564e-04	1.712101e-03
## SPAC1B1.02c	-2.770377e-05	4.321390e-04	-1.486226e-04	1.076927e-03
## SPAC1B1.03c	-3.003500e-04	3.801759e-03	-2.318571e-03	1.134333e-02

## SPAC1B1.04c	-9.176712e-06	6.199657e-05	-9.698592e-05	1.300217e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	1.663475e-07	3.355824e-05	-8.413740e-05	2.382736e-04
## SPAC17A2.03c	-7.072068e-05	1.020044e-03	-9.461914e-04	2.409030e-03
## SPNCRNA.917	-1.580656e-08	2.219926e-07	-9.199447e-07	2.199052e-06
## SPNCRNA.918	-2.883805e-07	-1.676521e-06	-1.973457e-06	-6.710227e-06
## SPAC17A2.12	-1.852674e-05	1.035915e-04	-1.878077e-04	9.048799e-04
## SPAC17A2.13c	-2.694721e-04	1.145843e-03	1.572267e-03	-3.231979e-04
## SPNCRNA.919	-5.762680e-07	6.966951e-06	7.028873e-06	9.340174e-06
## SPAC17A2.14	-6.223432e-05	7.848973e-04	-1.036465e-04	1.819170e-03
## SPNCRNA.600	-9.821265e-07	5.417216e-06	-1.217765e-05	2.733215e-06
## SPAC17G6.07c	-1.583718e-05	2.637813e-04	-2.872730e-04	9.112451e-04
## SPAC17G6.09	-2.606032e-05	3.341530e-04	-2.236584e-04	1.895315e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	-6.368212e-05	5.640815e-04	-2.054169e-04	-2.260407e-04
## SPNCRNA.922	5.418736e-07	9.440563e-06	1.313668e-05	2.542387e-05
## SPAC1142.03c	-2.001843e-05	1.220110e-04	-1.680587e-05	5.268538e-04
## SPRRNA.16	-1.440359e-05	4.052676e-04	2.537560e-04	8.781608e-05
## SPNCRNA.924	-1.954517e-07	-3.228364e-07	9.985124e-07	5.388081e-06
## SPAC8C9.03	-2.417476e-04	4.150310e-04	1.786133e-04	-1.045544e-02
## SPAC8C9.05	-2.775447e-05	3.271759e-04	-9.049446e-05	2.960335e-04
## SPAC8C9.06c	-6.111190e-05	6.797885e-04	-1.538238e-04	1.196856e-03
## SPAC8C9.10c	2.725637e-06	2.746030e-04	-4.460619e-04	1.920365e-03
## SPAC8C9.16c	-2.370866e-05	1.406410e-04	1.450425e-05	-8.129918e-04
## SPAC15A10.01	-3.138612e-05	4.096758e-04	-2.620681e-04	5.404099e-04
## SPAC8C9.17c	-2.214673e-05	2.511359e-04	-1.783882e-04	3.227167e-04
## SPAC15A10.02	-6.225455e-05	7.052892e-04	-3.405362e-04	6.235248e-04
## SPAC15A10.03c	-1.777953e-05	2.600486e-04	-2.155629e-04	7.828275e-04
## SPAC15A10.04c	-7.996935e-05	2.274313e-03	-1.507690e-03	1.279594e-02
## SPAC15A10.05c	-1.136346e-05	6.226755e-05	9.324822e-05	-3.411427e-04
## SPAC15A10.07	-2.772656e-05	2.426386e-04	6.384050e-05	1.871983e-04
## SPAC15A10.10	-1.907162e-05	2.147349e-04	-1.976306e-04	1.018733e-03
## SPATRNPAPHE.01	-1.007428e-04	2.141770e-03	2.544771e-03	-2.310781e-03
## SPATRNPAPHE.04	1.667175e-05	9.158508e-04	1.813470e-03	1.291289e-03
## SPNCRNA.929	-5.729106e-07	1.302968e-05	-3.033148e-06	-5.877967e-06
## SPAC15A10.15	-8.453798e-06	2.806202e-04	-3.804273e-04	1.490100e-03
## SPAC15A10.16	-4.933470e-05	5.753431e-04	-6.995969e-04	3.001307e-03
## SPAC15E1.02c	-1.788554e-04	8.681240e-04	1.331268e-03	-8.574487e-03
## SPAC15E1.04	-5.110728e-05	6.549756e-05	-1.038496e-05	5.237683e-05
## SPAC15E1.06	-3.950043e-05	3.641049e-04	-1.971399e-04	9.078788e-04
## SPAC15E1.07c	-5.771304e-07	2.760680e-06	-4.200312e-06	7.194741e-06
## SPAC15E1.08	-3.364357e-05	7.466154e-04	-1.515257e-04	1.964485e-03
## SPNCRNA.931	-3.534653e-07	2.621269e-06	1.698058e-05	-2.291732e-05
## SPNCRNA.524	2.138699e-08	-9.140140e-07	1.158636e-06	1.228303e-05
## SPAP7G5.03	-1.348263e-05	2.083243e-04	-1.206840e-04	1.180082e-03
## SPAP7G5.04c	-5.321717e-04	8.000334e-03	-9.960926e-03	1.783182e-02
## SPNCRNA.933	-1.059735e-06	1.075974e-05	-1.849089e-05	-7.145802e-05
## SPAP7G5.06	-1.218945e-04	7.149106e-04	5.943334e-04	-4.183927e-03
## SPATRNPAPHE.02	1.774424e-04	7.676151e-03	1.958805e-02	2.089738e-02
## SPATRNPAPHE.04	4.337921e-07	2.905682e-05	3.784200e-05	7.744959e-07
## SPATRNPAGLU.03	-6.605396e-05	1.108659e-03	2.572843e-03	-8.331067e-04
## SPATRNPAGLU.04	1.309168e-06	1.126958e-05	5.024019e-05	4.286416e-06
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPNCRNA.95	2.592869e-07	1.029078e-07	-1.493878e-06	-2.761126e-06
## SPAP4C9.02	-1.331720e-05	1.542536e-04	-7.929902e-05	4.480561e-04
## SPNCRNA.936	-7.561646e-07	1.189235e-05	-2.223604e-05	8.132359e-05
## SPAC1556.02c	-3.984658e-04	2.329949e-03	-1.389036e-03	2.251513e-03
## SPAC1556.06	-3.278467e-06	3.991995e-05	-4.020273e-05	7.940775e-05
## SPAC1556.07	-4.729183e-04	4.977034e-03	-1.278112e-03	3.193394e-03
## SPAC1556.08c	-4.779690e-05	6.752577e-04	-7.074459e-04	4.106943e-03
## SPAC1F12.06c	-8.169105e-06	1.901807e-04	-1.283354e-04	4.324776e-04
## SPAC1F12.08	-5.711423e-06	8.377388e-05	-9.078413e-05	2.091176e-04
## SPAC1F12.09	-1.852733e-05	3.975293e-04	-3.201780e-04	1.078385e-03
## SPAC1F12.10c	-1.119621e-04	8.249613e-04	5.029965e-04	-6.373708e-03
## SPAC4H3.17	2.306655e-07	3.687541e-06	-1.888612e-06	-9.189561e-06
## SPAC4H3.02c	-1.191793e-05	5.413254e-05	1.061312e-05	1.228443e-04
## SPNCRNA.938	-1.140181e-07	3.868017e-06	4.908359e-06	2.058161e-06
## SPRRNA.17	-6.095360e-05	1.176025e-03	5.099424e-04	-6.068032e-04
## SPAC4H3.04c	-8.375873e-06	6.925404e-05	-1.728975e-05	-2.836254e-04
## SPAC4H3.05	-1.796149e-05	2.788590e-04	-1.792341e-04	7.838960e-04
## SPAC4H3.16	-1.613273e-05	2.584322e-04	-9.095970e-05	1.079305e-03
## SPNCRNA.939	-1.049516e-06	7.531858e-05	-1.042485e-05	1.722244e-04
## SPAC4H3.07c	-1.611188e-05	3.455921e-04	-3.729018e-04	1.182095e-03
## SPNCRNA.940	-2.355050e-07	7.308052e-06	1.867489e-05	-1.473530e-05
## SPAC4H3.08	-6.686353e-05	2.715242e-04	5.332033e-04	-3.178238e-03
## SPAC4H3.10c	-3.687095e-03	2.548347e-02	-9.668910e-03	7.694789e-02
## SPAC4H3.11c	-3.310082e-05	3.404254e-04	-5.010196e-04	5.447887e-04
## SPAC4H3.13	-2.013947e-05	2.067587e-04	-7.000125e-05	1.348730e-04
## SPAC4H3.14c	-2.359807e-05	3.251820e-04	-2.423484e-04	1.627072e-04
## SPAC1071.04c	-1.167737e-06	7.508925e-05	-3.338954e-05	3.517216e-04
## SPAC1071.07c	-1.585492e-03	1.687940e-02	4.216116e-03	3.074563e-02
## SPAC1071.09c	-2.004238e-05	1.482705e-04	-2.139137e-04	3.364399e-04
## SPNCRNA.92	6.912776e-09	7.237594e-08	-4.453567e-07	-1.241320e-06
## SPNCRNA.944	-3.151562e-07	1.719521e-05	-7.296760e-05	4.639433e-05
## SPAC1071.11	-4.360161e-06	5.207131e-05	-1.112793e-04	5.442495e-04
## SPNCRNA.947	-1.500281e-06	1.794117e-05	-7.966281e-06	1.289158e-04
## SPAC926.06c	-2.592404e-05	3.696666e-04	-3.961999e-04	1.439842e-03
## SPAC926.07c	-1.886767e-05	2.118419e-04	-1.193400e-04	6.002272e-04
## SPAC926.08c	-4.154799e-05	1.055228e-03	-1.294087e-03	8.595396e-03
## SPAC323.02c	-9.498525e-05	1.138282e-03	-2.300083e-04	-2.896031e-04
## SPAC323.03c	-7.817869e-07	1.183614e-04	-1.753074e-04	6.857498e-04
## SPAC323.04	-3.685932e-05	5.236241e-04	-8.817095e-04	1.905286e-03
## SPAC323.05c	-1.433922e-05	3.017539e-04	-1.794588e-04	1.413813e-03
## SPAC323.08	-4.643284e-06	7.678536e-05	-7.326715e-05	2.927546e-04
## SPAC2F3.01	-3.733110e-05	3.791872e-04	-1.251953e-04	1.009015e-04
## SPAC2F3.17c	-2.897958e-05	4.081287e-04	-1.161451e-04	8.464555e-04
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-6.294156e-05	1.636039e-04	-1.142966e-03	2.177112e-03
## SPAC2F3.10	-3.912224e-05	3.541911e-04	-2.755153e-04	1.146623e-03
## SPAC2F3.13c	-7.932182e-06	2.864935e-04	-2.464284e-04	1.632833e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	-9.244106e-06	4.223651e-05	-8.727106e-05	1.022142e-04
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	-2.617894e-05	2.158891e-04	-2.436693e-04	1.097882e-03
## SPAC2F3.16	-5.599619e-05	5.556481e-04	-3.956997e-04	-7.348312e-04
## SPAC11G7.05c	-1.348703e-05	1.702137e-04	3.179280e-05	3.015914e-04

## SPAC11G7.06c	-6.150281e-06	1.033848e-04	-5.611433e-05	6.589344e-04
## SPNCRNA.952	2.590433e-06	2.870440e-05	-3.534882e-05	9.830107e-05
## SPAPB18E9.02c	-5.650645e-05	5.887281e-04	-8.884236e-04	1.486177e-03
## SPNCRNA.953	3.291915e-06	9.128040e-05	-1.943319e-04	3.212778e-04
## SPAPB18E9.04c	-7.332774e-06	3.829361e-06	1.098234e-05	4.801614e-04
## SPNCRNA.954	-1.657527e-06	6.177836e-05	-8.149978e-05	2.752265e-04
## SPAPB15E9.06	-1.847514e-06	-1.279744e-06	7.415250e-06	4.507124e-05
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-1.013508e-05	2.719945e-04	-9.335727e-05	1.147095e-03
## SPNCRNA.955	-1.051467e-06	1.972147e-05	1.375238e-05	1.202883e-04
## SPAC27E2.03c	-2.364023e-04	1.687064e-03	-2.085202e-03	3.600904e-03
## SPAC27E2.11c	3.345307e-07	1.168327e-06	-2.838917e-06	1.608537e-08
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	7.673620e-07	8.082138e-06	-1.311985e-05	3.359665e-05
## SPAC27E2.12	9.561660e-08	-1.698250e-06	1.424943e-06	5.316455e-08
## SPAC27E2.06c	-3.778610e-05	4.365157e-04	-1.488305e-04	-1.753287e-04
## SPAC27E2.07	-1.079356e-05	8.880429e-05	-1.234646e-04	1.649009e-04
## SPAC27E2.08	-5.788859e-08	3.205500e-07	-1.277922e-06	8.441925e-06
## SPAPJ698.02c	-7.463924e-04	2.003850e-03	-2.923747e-03	1.831142e-02
## SPAC19G12.01c	-1.111578e-05	1.490039e-04	-1.257818e-04	6.884580e-04
## SPAC19G12.03	-4.799498e-05	5.970596e-04	1.375786e-04	2.048241e-03
## SPNCRNA.956	-9.560483e-07	6.815245e-06	-7.317250e-07	-2.683237e-05
## SPAC19G12.05	-1.129486e-05	5.530384e-04	-8.023985e-04	3.949108e-03
## SPAC19G12.10c	-1.343228e-03	7.113447e-03	3.614939e-04	-6.143267e-03
## SPAC19G12.17	4.544862e-07	1.244118e-04	-1.259624e-04	6.609044e-04
## SPAC19G12.11	-3.328181e-05	5.321038e-04	-3.644002e-04	1.275400e-03
## SPAC19G12.12	-2.786348e-05	3.886663e-04	-7.813536e-05	1.076400e-03
## SPAC19G12.15c	-3.426293e-04	2.650138e-03	1.767554e-04	-2.585103e-03
## SPAC19G12.16c	-1.013500e-04	8.387815e-05	-9.793240e-04	1.125458e-02
## SPAC23A1.02c	-4.898624e-05	2.100423e-04	-2.416857e-05	2.106376e-06
## SPAC23A1.03	-1.814394e-04	1.985785e-03	-2.562426e-03	4.922939e-03
## SPAC23A1.04c	-2.503752e-05	1.117813e-04	8.367501e-05	7.384812e-04
## SPAC23A1.05	-2.627494e-05	3.577086e-04	-1.368626e-04	1.312102e-03
## SPAC23A1.06c	-6.639509e-05	4.784961e-04	-5.644723e-06	-2.015235e-03
## SPAC23A1.09	-3.059635e-05	4.124523e-04	3.581518e-05	3.722046e-05
## SPNCRNA.957	-6.425280e-07	3.796599e-06	6.897508e-06	2.308733e-05
## SPAC23A1.11	-2.896921e-04	3.830216e-04	-1.822106e-04	9.678685e-03
## SPAC23A1.12c	-2.224917e-04	9.859764e-04	-1.448313e-03	3.084398e-03
## SPNCRNA.958	-2.590108e-06	3.237464e-05	1.458974e-05	7.954860e-05
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	-6.330051e-05	3.099067e-04	-1.504805e-05	-2.334466e-03
## SPAC23A1.17	-5.359917e-05	-4.530689e-05	-6.430220e-05	1.917175e-03
## SPAC23A1.18c	-2.948312e-05	2.809699e-04	-9.869664e-05	-3.200887e-04
## SPAC23A1.19c	-9.992529e-06	4.427149e-04	-4.405440e-04	3.435165e-03
## SPAC26H5.02c	-1.097093e-05	2.433040e-04	-1.212599e-04	8.339878e-04
## SPAC26H5.03	-3.153171e-06	1.367697e-04	-1.662611e-04	7.347148e-04
## SPNCRNA.959	-1.630749e-06	2.586806e-05	-5.153311e-06	2.444192e-05
## SPNCRNA.960	9.866356e-07	1.172538e-05	-2.937886e-06	2.324306e-05
## SPAC26H5.05	-1.111434e-04	5.480171e-04	-4.055651e-04	2.336917e-03
## SPAC26H5.06	-1.122761e-05	3.238606e-04	-4.532433e-04	1.483131e-03
## SPNCRNA.963	-2.548296e-06	1.684982e-05	-1.177985e-05	-6.530587e-06
## SPAC26H5.11	-3.770868e-05	2.798612e-04	-3.452035e-04	2.219934e-03
## SPAC26H5.12	-8.053867e-05	8.858254e-04	-7.193750e-04	2.133495e-03
## SPAC26H5.13c	-1.001351e-05	1.539617e-04	-3.942775e-04	1.213559e-03

## SPAC25B8.01	-4.527685e-05	3.564295e-04	-3.198282e-04	-2.968680e-04
## SPAC25B8.06c	-2.085484e-05	3.029530e-04	-9.579644e-05	1.302796e-03
## SPAC25B8.08	-6.067427e-05	4.283479e-04	-4.043938e-05	-1.776469e-03
## SPNCRNA.966	-1.959790e-06	4.361250e-06	-3.183748e-06	-2.072545e-05
## SPAC25B8.09	-1.675248e-05	2.278636e-04	-1.811367e-04	-7.857828e-07
## SPAC25B8.12c	-1.008666e-03	2.057995e-03	2.461281e-03	-2.360014e-02
## SPAC25B8.17	-1.987900e-05	4.390979e-04	-1.262229e-04	1.734585e-03
## SPAC25B8.18	-1.248441e-05	1.162231e-04	-1.235605e-04	-1.270535e-04
## SPAC25B8.19c	-3.346843e-05	1.325037e-04	-1.619917e-05	9.351931e-05
## SPAC683.03	-2.825334e-07	1.005145e-06	4.911407e-06	-3.496011e-06
## SPNCRNA.969	-6.129607e-06	8.189164e-05	-1.616165e-05	6.592977e-05
## SPAC683.02c	-1.320403e-06	4.933854e-04	-3.527581e-04	3.557005e-03
## SPAC694.02	-9.961136e-04	9.873212e-03	-5.442192e-03	2.452623e-02
## SPAC694.05c	-1.202504e-03	1.298955e-02	2.690730e-03	2.032933e-02
## SPAC694.06c	-1.163832e-05	5.573594e-04	-7.629123e-04	4.230317e-03
## SPAC1F7.01c	-1.696687e-04	1.727716e-03	-2.283774e-03	7.611366e-03
## SPAC1F7.14c	-1.181609e-05	9.501688e-05	-1.004262e-05	2.509477e-04
## SPAC1F7.04	-1.987944e-04	1.560091e-03	-2.135900e-03	6.194925e-03
## SPAC1F7.05	-1.616189e-04	6.575890e-04	-1.971896e-03	2.111546e-02
## SPNCRNA.973	-8.439585e-07	1.472412e-05	-1.414511e-05	1.193410e-04
## SPNCRNA.243	5.140923e-07	1.558204e-06	-5.515570e-06	3.086310e-05
## SPAC1F7.08	8.431596e-06	6.584847e-04	-6.165357e-03	2.157975e-02
## SPAC1F7.09c	-8.989758e-06	4.947802e-05	-7.014927e-06	1.293234e-04
## SPAC1F7.13c	-1.484080e-03	8.672319e-03	-2.124038e-03	2.444393e-02
## SPAC21E11.04	-1.907287e-05	2.328085e-04	-1.511880e-04	6.807219e-05
## SPAC21E11.06	-8.776578e-05	1.216058e-03	-1.053245e-03	3.424022e-03
## SPNCRNA.13	3.403706e-07	4.914626e-06	3.319006e-06	1.151381e-05
## SPAC21E11.07	-8.406107e-06	2.198643e-04	-1.441973e-04	3.738412e-04
## SPAC2C4.03c	-7.153781e-06	1.943926e-04	-1.840725e-04	7.165009e-04
## SPAC2C4.04c	-2.744526e-05	2.687706e-04	-9.084367e-05	7.910548e-04
## SPNCRNA.98	-3.143302e-02	4.763587e-01	7.179838e-01	-5.662017e-02
## SPAC2C4.07c	-3.238225e-05	1.026644e-04	-3.406007e-06	-8.834719e-04
## SPAC2C4.09	-9.437431e-06	1.323049e-04	-4.083962e-05	-3.552360e-04
## SPAC2C4.10c	-6.866754e-06	2.736086e-04	4.511195e-05	1.003235e-03
## SPAC2C4.13	-2.947808e-05	8.165073e-04	-4.586143e-04	3.416259e-03
## SPAC2C4.17c	-4.970174e-04	1.189001e-03	1.214456e-03	-2.671002e-02
## SPAC25G10.02	3.023545e-07	4.250328e-05	1.666368e-05	2.415348e-04
## SPAC25G10.03	-1.068890e-04	1.304274e-03	-9.884903e-04	3.602277e-03
## SPAC25G10.04c	-9.358210e-06	6.817053e-05	-4.341767e-05	7.973485e-06
## SPAC25G10.08	-9.849021e-04	1.016455e-02	-9.026098e-03	1.814717e-02
## SPAC27F1.05c	-5.292405e-06	9.822771e-05	4.883875e-05	1.420199e-04
## SPNCRNA.977	-6.553664e-06	6.068840e-05	-9.445927e-05	2.311422e-04
## SPAC27F1.10	3.061335e-07	-1.415688e-06	5.120344e-06	4.682884e-06
## SPNCRNA.978	-3.480962e-07	4.106847e-06	-8.005921e-06	3.817748e-05
## SPAC27F1.06c	-3.734390e-05	5.562197e-04	-1.671691e-03	4.733231e-03
## SPAC23D3.04c	-7.375991e-05	1.149757e-03	-2.841492e-03	6.312799e-03
## SPAC23D3.05c	-7.014921e-06	1.151283e-04	2.277199e-05	2.943004e-04
## SPAC23D3.06c	-1.087524e-04	8.439552e-04	-1.082163e-03	3.782098e-03
## SPAC23D3.07	-1.691899e-04	1.764205e-03	2.802215e-04	-3.868686e-04
## SPAC23D3.09	-6.951849e-05	9.395553e-04	-3.022472e-04	2.784315e-03
## SPAC23D3.10c	-5.168822e-05	5.237306e-04	-2.135648e-04	1.252786e-03
## SPNCRNA.244	-1.838064e-07	-4.605172e-07	4.035831e-06	-2.265071e-05
## SPAC23D3.12	-1.307950e-04	1.084293e-03	-1.292928e-03	5.252643e-03
## SPAC23D3.16	-8.641825e-06	1.898003e-04	-6.852975e-05	5.007127e-04

## SPAC23D3.13c	-7.105494e-05	1.040372e-03	-9.970375e-04	4.043798e-03
## SPAC23D3.14c	-3.933547e-06	1.202069e-04	-3.489833e-05	3.218177e-04
## SPNCRNA.982	-1.080403e-05	1.214306e-04	-1.048585e-04	2.555398e-04
## SPAC1527.01	-4.929771e-05	8.200168e-04	-8.531681e-04	3.497148e-03
## SPAC1527.02	-6.763997e-06	1.432026e-04	-9.650071e-05	2.852958e-04
## SPAC1527.03	-1.834793e-06	3.970359e-04	-9.027849e-04	4.303137e-03
## SPAC30.03c	-1.168492e-05	3.028633e-04	-2.084435e-04	1.487758e-03
## SPNCRNA.983	1.818075e-07	4.799205e-07	4.788038e-07	1.642638e-05
## SPNCRNA.984	-1.531033e-06	2.288468e-05	-1.830263e-05	2.118246e-04
## SPNCRNA.246	1.858984e-08	3.892703e-07	2.576291e-07	4.309122e-06
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	-2.144082e-05	3.333120e-04	-5.134344e-04	2.236981e-03
## SPAC29E6.06c	-5.692326e-05	1.616593e-03	-2.122683e-03	1.006374e-02
## SPAC29E6.09	-1.659187e-05	2.053704e-04	-7.195770e-05	7.276787e-05
## SPAC29E6.10c	-3.521523e-05	4.914047e-04	-5.735450e-04	1.836653e-03
## SPAC16.02c	-1.453031e-04	5.082821e-04	-4.459868e-04	7.463209e-03
## SPNCRNA.247	-3.045567e-08	1.910069e-06	-4.211252e-06	5.190990e-06
## SPAC16.04	2.634821e-06	4.637012e-04	-6.831963e-04	4.077905e-03
## SPNCRNA.99	-4.265368e-06	1.598980e-05	-4.433073e-05	4.900166e-06
## SPAC9E9.02	-1.345121e-05	6.578922e-05	-1.162033e-04	-2.013443e-04
## SPNCRNA.988	-2.124496e-06	2.484462e-06	1.827226e-05	-5.426265e-05
## SPAC9E9.05	-2.513735e-06	7.903256e-05	-2.644602e-05	5.207228e-04
## SPAC9E9.06c	-3.613026e-04	3.378907e-03	-2.928508e-03	5.711003e-03
## SPAC9E9.07c	-1.123143e-04	9.791563e-04	-8.822567e-04	-4.888437e-04
## SPAC9E9.08	-3.121413e-06	2.349881e-04	-2.677344e-04	9.978878e-04
## SPNCRNA.990	-1.543310e-06	3.566404e-05	-2.653903e-05	6.796908e-05
## SPAC9E9.10c	-7.357819e-05	4.617901e-04	-3.700637e-04	-1.885563e-03
## SPAC9E9.11	-3.750232e-04	3.354863e-03	2.353361e-03	-1.027967e-03
## SPAC9E9.12c	-2.063483e-05	1.473182e-04	-2.226834e-04	2.370773e-03
## SPAC9E9.13	-5.915373e-04	6.229216e-03	-4.387438e-03	-3.591139e-03
## SPAC9E9.14	-2.845029e-05	3.944635e-04	-1.720321e-04	5.906815e-04
## SPAC17C9.16c	-3.583697e-05	8.359091e-04	5.426557e-05	1.974492e-03
## SPAC17C9.15c	-1.297148e-05	2.482698e-04	-3.269931e-04	9.444642e-04
## SPAC17C9.13c	-8.965769e-05	1.152633e-03	-2.718189e-04	2.804761e-03
## SPAC17C9.12	-5.767120e-05	1.345792e-04	2.689196e-04	-4.839247e-04
## SPAC17C9.11c	-3.502345e-05	1.855410e-04	-2.810788e-05	-7.535520e-04
## SPAC17C9.09c	-5.811170e-05	7.406857e-04	-3.872620e-04	7.123445e-04
## SPAC17C9.08	-3.249250e-05	4.886348e-04	-8.904441e-05	1.470586e-03
## SPAC17C9.06	-6.418319e-05	5.943923e-04	5.035588e-05	-3.208853e-04
## SPAC17C9.03	-4.112690e-04	1.819006e-03	-5.272154e-03	3.042720e-02
## SPAC17C9.02c	-1.720222e-06	1.406793e-04	-1.226818e-04	1.083234e-03
## SPAC1851.02	-1.002696e-04	1.202970e-03	-1.158619e-03	1.378063e-03
## SPAC1851.03	-2.459796e-05	1.993582e-04	-1.249634e-04	1.217932e-03
## SPNCRNA.992	-3.409684e-06	4.338276e-05	-2.250213e-05	1.709312e-04
## SPAC27D7.03c	-3.991772e-06	3.709522e-08	-7.335279e-05	3.907770e-04
## SPAC27D7.04	-4.494825e-06	1.260130e-04	-1.295766e-04	1.318065e-04
## SPAC27D7.05c	-2.355354e-06	1.007802e-04	-9.090957e-05	4.705839e-04
## SPAC27D7.07c	-4.951489e-05	5.591812e-04	-4.067355e-04	9.803560e-04
## SPAC27D7.08c	-3.496937e-06	1.264090e-04	7.645887e-06	3.206626e-04
## SPAC27D7.09c	-4.036930e-05	1.335912e-03	3.758466e-03	1.328977e-03
## SPAC27D7.11c	-3.496984e-04	1.169816e-04	2.346135e-03	-1.198448e-02
##	[,5]	[,6]	[,7]	[,8]
## SPAC212.11	2.620346e-05	-5.329674e-05	-6.986783e-05	1.675702e-04
## SPAC212.09c	-2.901403e-04	1.185847e-04	4.802143e-04	-2.898670e-04

## SPNCRNA.70	-3.354585e-07	7.907075e-07	4.347106e-07	-3.068294e-06
## SPAC212.12	6.132920e-06	1.627426e-05	5.714514e-06	-1.170559e-05
## SPAC212.04c	-4.957900e-04	2.163766e-04	-1.171793e-04	-3.475459e-04
## SPAC212.03	7.866957e-07	3.551258e-06	-1.989416e-06	-2.210589e-06
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	-3.263783e-05	2.974986e-05	1.297893e-05	-1.231335e-05
## SPAC977.03	1.008922e-06	3.099787e-07	2.872349e-07	-5.718862e-06
## SPAC977.04	6.353164e-07	4.488693e-06	-9.644177e-07	2.540448e-06
## SPAC977.05c	2.329555e-06	8.584414e-07	2.087447e-06	-6.478974e-06
## SPNCRNA.136	-6.280652e-07	3.744795e-08	3.193665e-06	5.341223e-06
## SPNCRNA.601	6.108158e-05	-7.885459e-05	-2.443889e-05	-1.802107e-05
## SPAC977.07c	-1.789290e-06	-3.895153e-07	-6.188761e-06	1.179161e-05
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	-2.418280e-04	-1.832213e-04	-2.705652e-04	-4.287608e-04
## SPAC977.13c	-5.769919e-04	4.015111e-04	-1.916155e-04	1.362297e-04
## SPAC977.15	-1.031462e-04	-3.096851e-04	-1.522018e-04	5.997952e-04
## SPAC977.16c	-5.037476e-04	-8.888493e-04	3.252320e-04	3.275345e-04
## SPNCRNA.37	2.211802e-06	3.497564e-06	-3.169445e-07	-5.725599e-06
## SPAPJ695.01c	-1.548612e-05	3.820216e-06	-1.680692e-05	-5.101751e-06
## SPNCRNA.76	1.796459e-06	7.915760e-06	-6.266137e-06	-1.030203e-05
## SPNCRNA.603	-1.548389e-05	-2.333022e-06	-2.536663e-05	-3.351905e-05
## SPNCRNA.607	-7.062613e-04	5.614736e-04	4.064959e-04	-5.213573e-06
## SPAC1F8.06	-5.190881e-04	-1.676080e-04	4.573513e-04	-1.357600e-03
## SPAC1F8.08	-8.988801e-05	-3.151310e-04	8.718764e-05	-9.155605e-05
## SPAC11D3.19	-5.643169e-05	-1.058875e-04	-1.806660e-05	-2.016179e-04
## SPAC11D3.01c	-1.343439e-03	2.242815e-03	5.039437e-03	1.135953e-03
## SPNCRNA.608	-1.137181e-04	-1.667524e-04	-1.621997e-04	-3.982793e-05
## SPAC11D3.02c	-6.718707e-04	-4.391882e-03	-7.245452e-04	-1.951901e-03
## SPAC11D3.03c	-2.388967e-04	1.252906e-04	2.779673e-04	2.556279e-04
## SPAC11D3.05	-3.052184e-03	8.432772e-04	-5.495782e-03	2.000537e-03
## SPAC11D3.07c	-2.476321e-03	1.170784e-03	3.469657e-04	-9.558908e-04
## SPAC11D3.08c	-2.454590e-03	3.356305e-04	-1.965652e-03	-1.820808e-03
## SPAC11D3.11c	-9.062754e-04	-1.322518e-04	6.017759e-04	-1.434983e-04
## SPAC11D3.14c	-3.854333e-04	-4.983731e-04	6.880420e-05	-1.835893e-04
## SPNCRNA.609	-1.344024e-03	2.340460e-04	9.031253e-04	-2.564739e-04
## SPNCRNA.147	-2.366273e-06	-3.691322e-06	2.340978e-05	3.348554e-06
## SPNCRNA.610	-2.926353e-05	-1.362126e-05	1.952571e-05	-1.290272e-05
## SPAC11D3.16c	-1.471540e-03	4.862844e-04	-1.120989e-03	-1.500466e-03
## SPAC11D3.18c	-2.267280e-04	5.172133e-05	7.745038e-05	-1.481925e-04
## SPNCRNA.612	-3.619996e-04	-4.135942e-06	2.984732e-04	-1.399400e-04
## SPAC5H10.01	-8.919115e-05	-9.663938e-05	1.264703e-04	-2.381415e-04
## SPAC5H10.03	-1.053497e-02	-2.046273e-02	-6.989214e-03	1.141332e-02
## SPAC5H10.04	2.080179e-04	-4.469670e-04	4.374408e-05	8.433425e-04
## SPAC5H10.06c	-6.023109e-04	-1.781703e-03	1.362213e-03	-1.856501e-03
## SPAC5H10.08c	-2.239228e-03	-6.693044e-04	2.555072e-03	9.732195e-04
## SPAC5H10.09c	-9.798731e-05	-4.225147e-04	9.248952e-05	-3.432378e-05
## SPAC5H10.10	-1.224235e-03	-2.389461e-03	-7.876125e-04	-6.301333e-05
## SPAC5H10.11	-1.303812e-04	2.013078e-05	-4.915551e-05	-1.787370e-05
## SPAC5H10.12c	-2.106663e-03	2.925459e-04	6.091194e-04	-2.473582e-03
## SPAC5H10.13c	-2.820460e-03	-4.815778e-04	1.623553e-03	-3.198282e-03
## SPNCRNA.617	-2.336889e-04	6.060270e-05	1.524254e-04	-2.883538e-04
## SPAC13G6.01c	4.379697e-06	-2.363728e-03	4.558907e-03	7.212394e-04
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC13G6.03	-2.310074e-03	-6.886416e-04	3.579452e-03	-2.575461e-03
## SPNCRNA.618	-3.068614e-06	3.640802e-05	1.547183e-04	8.278006e-05
## SPNCRNA.620	-1.434871e-05	4.038239e-05	-5.392741e-06	-8.860552e-05
## SPAC13G6.14	-1.994049e-03	1.323433e-04	-4.083291e-04	-1.537332e-03
## SPAC13G6.15c	-1.364494e-03	7.976190e-05	6.102025e-04	-1.151524e-03
## SPNCRNA.621	1.706588e-04	-1.213513e-04	3.200556e-05	-1.301341e-04
## SPAC24B11.05	-2.929004e-03	1.249154e-03	-5.785975e-04	-1.294801e-03
## SPAC24B11.08c	-4.216582e-04	9.684716e-05	1.029423e-03	-9.674323e-05
## SPNCRNA.142	-3.438460e-06	6.988969e-07	-7.285298e-06	-1.189584e-05
## SPAC24B11.09	-7.100119e-04	-8.952284e-04	-2.151371e-04	-5.348882e-04
## SPAC24B11.11c	-2.623206e-03	1.738612e-03	3.171792e-03	-3.171420e-03
## SPAC24B11.12c	-1.181614e-02	2.429012e-03	-9.354992e-03	-7.182476e-03
## SPNCRNA.624	9.540136e-05	-1.342256e-04	4.939111e-05	1.325530e-04
## SPAC806.02c	-1.775606e-03	-1.047041e-03	4.040661e-03	-7.101265e-04
## SPNCRNA.625	5.921955e-06	1.826972e-05	-1.488221e-05	-1.961500e-04
## SPAC806.11	5.811579e-05	-1.519423e-05	-3.235581e-05	1.103292e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	4.039664e-05	-5.378890e-05	-4.549125e-04	-2.002660e-04
## SPNCRNA.627	-1.219880e-05	4.734591e-06	-2.419205e-05	-2.501615e-05
## SPNCRNA.628	1.658184e-05	2.895018e-06	2.525796e-05	1.131134e-05
## SPAC806.06c	-2.431236e-03	-3.363963e-04	3.809410e-04	-1.198173e-05
## SPAC806.07	-1.613726e-03	1.296461e-03	5.568316e-03	3.831822e-03
## SPNCRNA.630	-6.381199e-05	-1.213443e-04	-2.299754e-04	-2.899917e-05
## SPAC1F5.11c	-4.572577e-03	-1.818270e-03	6.633635e-03	-3.982452e-03
## SPNCRNA.632	-1.786993e-05	-1.937330e-06	6.029963e-05	2.961601e-05
## SPNCRNA.633	-2.216948e-05	2.095594e-05	-2.077149e-05	-9.305081e-05
## SPAC1F5.07c	-1.179111e-03	1.968024e-04	1.953364e-03	-1.138077e-03
## SPAC1F5.04c	-2.196568e-03	1.161187e-03	1.473791e-03	-3.477921e-03
## SPAC1F5.02	-1.229475e-02	-5.098146e-03	1.424463e-02	1.647766e-02
## SPNCRNA.148	-4.595339e-06	-8.902756e-08	-2.179990e-06	-1.671452e-05
## SPAC18B11.10	-2.973556e-03	-3.138664e-04	1.483119e-03	-1.752656e-03
## SPNCRNA.27	-2.984420e-08	-3.050400e-06	5.674665e-07	-1.457705e-06
## SPNCRNA.635	-5.725875e-06	1.375126e-05	9.288711e-06	-4.228925e-05
## SPAC18B11.09c	-6.170389e-05	-1.440293e-04	-5.561050e-04	4.038468e-04
## SPAC18B11.08c	-5.429408e-04	-4.475367e-04	-4.280153e-04	-7.485532e-04
## SPAC18B11.07c	-1.678747e-03	-2.160818e-04	1.643671e-03	7.600042e-04
## SPAC18B11.04	-1.176721e-03	6.337989e-04	1.240108e-03	1.500398e-04
## SPNCRNA.636	-7.404297e-04	7.247318e-05	-3.206315e-04	-3.327637e-04
## SPAC18B11.02c	-1.049704e-03	-1.916769e-03	1.923371e-04	-1.325643e-03
## SPAC12G12.15	-7.982356e-04	2.683136e-04	5.703799e-04	-8.505134e-04
## SPNCRNA.637	-1.273828e-05	-1.903359e-05	6.540445e-05	-7.053545e-05
## SPAC12G12.14c	-6.515563e-04	1.038359e-04	8.881589e-04	-5.832973e-04
## SPNCRNA.638	-1.212563e-05	-1.276064e-05	9.734903e-06	1.189771e-05
## SPAC12G12.10	-1.411766e-03	1.286713e-04	3.879594e-03	-1.633243e-03
## SPAC12G12.09	-2.423674e-03	7.481027e-04	2.888586e-03	-1.464733e-03
## SPAC12G12.06c	-2.022387e-03	-3.350875e-03	7.156319e-04	-3.279837e-03
## SPNCRNA.639	8.544143e-07	2.415377e-06	-1.234352e-05	1.750606e-06
## SPAC12G12.03	-3.857537e-03	-1.016150e-03	4.192628e-03	-5.004305e-04
## SPAC630.05	-3.715041e-03	1.372631e-03	2.924359e-03	1.559203e-04
## SPAC630.15	-3.187227e-04	3.164617e-05	-1.683722e-04	-3.187961e-04
## SPATRNPAPRO.01	-1.092431e-03	4.175369e-04	-6.198737e-04	-7.338569e-04
## SPAC630.11	-1.342390e-03	1.955394e-04	1.592360e-03	4.274425e-04
## SPAC630.12	-1.253513e-03	-1.247835e-04	2.451393e-03	-8.031573e-04
## SPAC630.13c	-2.914635e-03	-1.338447e-03	5.680739e-03	-1.455980e-03

## SPAC630.14c	-3.068388e-03	-8.663153e-04	2.338641e-03	-2.665920e-03
## SPAC1751.01c	-4.499437e-04	4.602377e-05	-5.612505e-04	5.774161e-04
## SPAC1751.04	-5.476621e-05	-4.174594e-04	8.630624e-04	-4.149153e-04
## SPAC1751.02c	7.589002e-05	-2.469529e-04	-5.764693e-05	-4.254507e-04
## SPAC31A2.02	7.367923e-04	-1.519693e-03	3.055299e-04	6.507302e-04
## SPNCRNA.643	1.628456e-05	-5.614783e-05	5.350357e-05	8.145689e-05
## SPAC31A2.03	-9.224671e-04	-1.019544e-04	1.541329e-03	5.897166e-04
## SPAC31A2.04c	-3.325971e-03	9.505221e-05	1.887993e-03	1.361046e-03
## SPAC31A2.06	-1.820567e-03	1.402585e-04	4.935973e-04	-4.927300e-04
## SPAC31A2.07c	-3.382300e-04	-2.162783e-03	4.573159e-03	-1.235421e-03
## SPAC31A2.09c	-1.441454e-03	1.724802e-04	8.430505e-04	-1.910792e-04
## SPAC31A2.11c	-1.156489e-03	3.115102e-04	-1.975327e-04	-1.070776e-03
## SPAC31A2.12	-5.097595e-03	1.326317e-03	-4.696244e-03	-2.346045e-03
## SPAC31A2.13c	-5.783570e-05	-3.193646e-04	2.523812e-04	9.242695e-04
## SPAC31A2.14	-1.047768e-03	2.393174e-04	1.439346e-03	-2.311560e-03
## SPAC31A2.16	-1.659197e-03	1.724616e-04	3.780563e-03	-2.233453e-03
## SPAC13C5.01c	-4.941194e-03	1.052179e-04	-1.094088e-03	3.723167e-03
## SPNCRNA.644	-4.959861e-05	8.764782e-06	-2.192198e-05	-9.779764e-06
## SPAC13C5.04	-1.016730e-02	6.713836e-03	-4.829099e-03	3.903407e-03
## SPNCRNA.645	-3.313259e-06	-2.172764e-04	-1.015086e-04	-1.000246e-04
## SPAC13C5.05c	-2.415067e-03	-1.643623e-04	3.749565e-03	1.411693e-03
## SPAC13C5.06c	-3.814812e-04	4.222282e-04	-1.185596e-03	4.186476e-04
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	-2.423532e-02	1.342719e-02	1.324571e-02	-2.641823e-02
## SPAC23E2.02	-2.009906e-03	1.314750e-04	2.544110e-03	3.953218e-05
## SPRRNA.11	-1.050045e-02	1.266456e-03	1.118816e-02	2.011102e-03
## SPAC24H6.12c	-2.079731e-03	1.731081e-03	-2.966137e-03	-1.771035e-03
## SPAC24H6.11c	-2.637397e-03	1.108232e-03	7.670014e-04	-1.716843e-03
## SPNCRNA.652	6.371658e-05	9.603007e-06	-2.753761e-04	-5.497555e-04
## SPAC24H6.09	-4.095203e-03	1.196751e-04	1.831679e-04	-7.979143e-04
## SPAC24H6.07	-1.860995e-02	-2.924876e-02	-2.262692e-02	-2.096989e-02
## SPAC24H6.06	-1.014414e-03	1.096103e-05	-4.797449e-04	1.807863e-04
## SPAC24H6.04	-1.315611e-02	-1.367135e-02	-2.527323e-03	9.079479e-03
## SPNCRNA.653	-1.778768e-05	-7.472800e-06	3.889793e-05	1.967805e-05
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	1.305399e-04	1.173610e-04	2.962585e-04	-7.818228e-05
## SPNCRNA.654	-3.489249e-05	2.742475e-05	7.072004e-05	-7.072626e-05
## SPAC24H6.01c	-1.046014e-03	-2.666402e-04	1.347914e-03	-2.453217e-04
## SPAC227.19c	3.106516e-05	-3.132228e-06	1.663638e-04	-2.194289e-04
## SPNCRNA.655	3.680185e-05	-3.130840e-04	9.400713e-05	-5.934562e-04
## SPAC227.05	4.671331e-05	2.218659e-04	8.085079e-04	-2.209118e-04
## SPAC227.06	-1.023855e-03	-6.690007e-04	8.512080e-04	-9.228412e-05
## SPAC227.07c	-3.984579e-03	-2.807648e-04	8.433694e-04	-2.087693e-03
## SPNCRNA.657	-6.025456e-04	3.661890e-04	3.098480e-05	6.596640e-04
## SPAC227.08c	-5.918023e-04	2.524175e-05	-7.984646e-05	-7.305545e-04
## SPAC227.09	-1.224462e-04	-2.079720e-04	1.002996e-04	-4.252366e-04
## SPAC227.10	-4.371310e-06	-2.914434e-04	2.923943e-04	-3.353518e-04
## SPAC227.11c	-5.100769e-04	8.514580e-06	1.077746e-03	-1.305216e-04
## SPAC227.12	-8.935878e-04	-1.175237e-04	1.762799e-03	-1.358694e-03
## SPAC227.13c	-2.430410e-03	2.394035e-04	-4.197162e-03	-3.586083e-03
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC227.16c	-2.028999e-05	-3.789731e-04	2.219600e-04	-1.964180e-04
## SPAC2F7.04	-5.447293e-04	-2.648546e-04	1.382922e-03	-1.424563e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	-4.305905e-05	7.674235e-05	8.778358e-05	-9.295065e-06
## SPNCRNA.661	1.233062e-04	-1.378441e-04	-1.030718e-05	4.430270e-05
## SPAC2F7.13c	-2.378365e-03	-6.613926e-03	-2.214382e-03	-7.038757e-04
## SPAC2F7.15	-8.487007e-04	-7.566849e-05	1.960975e-03	-6.035238e-04
## SPAC13A11.01c	-2.071541e-03	6.600053e-04	2.231843e-03	5.793044e-04
## SPAC13A11.03	3.640877e-03	-3.698676e-03	-7.027330e-04	3.025249e-03
## SPAC13A11.04c	-9.881494e-04	-1.663558e-04	1.661052e-03	-2.497303e-04
## SPAC13A11.05	-6.059126e-03	-2.882484e-03	1.097333e-03	5.742344e-04
## SPAC3H8.02	-3.535591e-03	-1.595315e-03	3.042091e-03	-3.916377e-03
## SPAC3H8.03	1.604600e-06	-2.177327e-04	5.484722e-04	4.827624e-05
## SPNCRNA.663	-6.270514e-05	1.281646e-04	8.680153e-05	-3.091928e-04
## SPAC3H8.04	-3.018245e-03	9.918379e-04	-7.612427e-04	-1.188880e-03
## SPNCRNA.156	-1.161924e-05	1.892463e-05	-8.263678e-06	1.787564e-05
## SPAC3H8.08c	-1.568986e-03	4.621430e-04	5.410821e-04	-1.053218e-03
## SPNCRNA.667	-3.861395e-06	-3.533298e-05	8.290843e-05	5.268380e-05
## SPAC3H8.10	-5.366398e-03	-5.598192e-04	1.732521e-03	1.615477e-04
## SPAC1F3.01	-7.747253e-04	-1.055705e-03	4.210531e-03	-1.496997e-03
## SPAC1F3.02c	-1.941292e-03	1.411848e-03	6.783939e-04	-1.500057e-03
## SPAC1F3.03	-1.904613e-03	1.689995e-06	5.126861e-04	-1.209718e-03
## SPAC1F3.04c	-4.189752e-04	-9.956626e-04	1.802933e-03	4.374330e-04
## SPAC1F3.05	-8.998337e-04	3.420263e-04	2.466794e-03	6.289823e-04
## SPAC1F3.06c	-3.155447e-04	4.528034e-04	7.028660e-03	-6.371064e-03
## SPAC1D4.01	-2.876575e-04	-3.061975e-05	5.038131e-04	7.085909e-05
## SPAC1D4.02c	-1.477262e-03	1.093673e-04	-6.742061e-04	-2.379510e-04
## SPAC1D4.03c	-8.600468e-04	1.296521e-04	3.074125e-04	-8.791461e-05
## SPNCRNA.670	6.857398e-05	-1.772051e-05	6.416937e-05	1.543803e-04
## SPAC1D4.05c	-1.264188e-03	-1.837947e-04	1.541684e-03	-5.528038e-04
## SPAC1D4.07c	-4.303534e-05	1.823980e-05	7.663607e-05	-5.822835e-05
## SPAC1D4.10	-1.538861e-03	-4.661059e-05	1.148711e-04	-1.751783e-03
## SPNCRNA.671	-1.599617e-04	-2.300868e-04	-2.702928e-04	-3.314625e-05
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	-2.788211e-03	-2.063083e-04	2.677586e-03	-1.664768e-03
## SPAC1D4.14	-2.567172e-03	-1.317981e-03	2.484985e-03	-2.206166e-03
## SPAC22F3.13	-1.978506e-03	-5.414786e-04	1.686448e-03	-3.149828e-04
## SPNCRNA.675	-4.486979e-05	-6.500461e-05	-1.769368e-05	-7.636197e-05
## SPNCRNA.158	-6.495894e-06	-2.310446e-05	-1.494996e-05	-2.058848e-05
## SPAC22F3.11c	-7.271230e-05	2.701904e-04	9.334278e-05	-3.846209e-04
## SPAC22F3.10c	-5.546433e-03	-1.664424e-03	2.642943e-03	-1.049675e-03
## SPAC22F3.08c	3.903303e-04	-7.383498e-04	2.200089e-03	-6.135721e-04
## SPAC22F3.07c	-1.631158e-03	-9.472719e-04	3.172684e-04	8.842956e-04
## SPAC22F3.05c	-1.811767e-03	-1.397660e-03	3.668914e-03	-1.606449e-03
## SPNCRNA.676	-1.065870e-06	2.155734e-05	1.869920e-05	-3.758573e-05
## SPAC22F3.03c	-6.048699e-04	-2.279837e-04	7.009445e-04	-4.642393e-04
## SPAC1296.03c	-2.657310e-04	1.962964e-06	1.938957e-04	-2.467869e-04
## SPAC1296.04	-8.675813e-04	1.981220e-04	1.051170e-05	-8.598813e-04
## SPAC1296.05c	3.451901e-04	-7.092709e-04	5.318253e-05	-2.111033e-04
## SPAPJ696.02	-4.891112e-03	-2.655658e-03	2.205598e-03	1.337821e-03
## SPAC22G7.01c	-3.240448e-03	-2.708195e-03	2.122825e-03	-1.171658e-03
## SPNCRNA.677	-7.782795e-05	-2.746594e-04	3.889536e-04	-1.451537e-04
## SPAC22G7.03	-3.484361e-05	4.829604e-05	2.242727e-04	-1.339107e-04
## SPNCRNA.678	-1.000689e-04	1.804305e-05	9.171408e-05	-2.700941e-05

## SPAC22G7.05	1.367041e-03	-1.874968e-03	8.260822e-04	-1.153640e-03
## SPAC22G7.09c	-1.316093e-03	-4.892870e-04	2.611387e-03	-1.703904e-03
## SPAC22G7.10	-1.849233e-03	-1.292824e-03	1.849712e-03	-2.218281e-03
## SPAC4G8.02c	1.396456e-03	-1.672933e-03	-7.146628e-04	-1.728343e-04
## SPAC4G8.03c	-6.039125e-04	4.733942e-05	-9.038150e-04	-2.758251e-04
## SPAC4G8.06c	-4.435737e-04	-6.462114e-04	3.403158e-04	-7.734493e-04
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-1.674489e-04	-8.599960e-05	1.294750e-04	-9.353511e-05
## SPAC4G8.11c	-2.505386e-04	2.704369e-04	9.054571e-05	-3.499535e-04
## SPAC4G8.12c	-6.680762e-04	-1.015497e-04	3.510328e-04	-6.334793e-04
## SPAC4G8.13c	-2.778837e-03	2.481807e-04	-4.228937e-05	-1.300916e-03
## SPAC16C9.05	-2.736978e-03	1.812081e-04	1.115572e-03	-7.171025e-04
## SPAC2G11.02	-4.954326e-04	-3.361316e-03	2.812243e-03	-2.278803e-03
## SPAC2G11.03c	-1.054707e-03	1.495546e-04	1.129021e-03	-9.047697e-04
## SPAC2G11.06	-5.300919e-04	1.124327e-04	2.061717e-04	1.802387e-04
## SPNCRNA.688	-2.397161e-04	-2.698521e-04	-1.003422e-04	1.043048e-04
## SPAC2G11.07c	-7.168779e-03	-7.982113e-03	7.598759e-03	5.202871e-03
## SPAC2G11.09	-4.998903e-03	7.726735e-04	-1.311708e-03	-2.077869e-03
## SPAC2G11.12	-1.664874e-03	4.780425e-04	2.043243e-03	-2.708417e-03
## SPNCRNA.691	-3.797389e-05	1.804785e-05	9.667626e-06	6.380165e-05
## SPNCRNA.692	-1.482095e-04	-5.191469e-05	-8.465414e-05	-1.142932e-04
## SPAC521.02	-1.918191e-04	3.818841e-04	1.159820e-03	3.393304e-06
## SPAC521.03	-1.434609e-02	3.764390e-03	2.252420e-02	1.532788e-02
## SPAC521.05	-2.282184e-02	-4.141696e-02	-4.063195e-02	-1.161953e-02
## SPAC23G3.01	-7.894509e-03	-1.838334e-03	1.376187e-02	1.114304e-02
## SPNCRNA.694	-1.347740e-05	-3.297841e-05	3.777377e-05	-1.749349e-05
## SPAC23G3.04	-7.737699e-04	9.695054e-05	4.124909e-04	-4.999564e-04
## SPAC23G3.06	-3.786462e-03	-1.235835e-02	-7.405878e-03	-1.018653e-02
## SPAC23G3.07c	-7.496326e-04	1.623274e-04	3.711920e-04	-2.532765e-04
## SPAC23G3.08c	-2.262829e-03	1.380109e-04	2.586858e-03	-1.513732e-03
## SPAC23G3.10c	-1.002484e-03	3.273117e-04	1.648938e-03	2.821923e-06
## SPAC22H12.01c	-3.273360e-03	1.214800e-03	1.728749e-03	3.448155e-03
## SPAC22H12.02	-7.145358e-04	-1.682820e-03	6.275170e-03	5.995316e-03
## SPAC22H12.05c	-9.385225e-04	1.627390e-04	8.073352e-04	1.038592e-03
## SPAC1687.01	6.259651e-04	-1.885403e-03	-1.431165e-05	-2.705610e-04
## SPAC1687.04	-6.069718e-04	3.822090e-04	6.670380e-04	-1.879518e-04
## SPAC1687.05	-1.237237e-03	-1.883059e-04	7.974147e-04	-1.485009e-03
## SPAC1687.06c	-1.632328e-03	-3.883807e-03	-7.472357e-03	-4.795526e-03
## SPNCRNA.696	-9.085355e-05	-3.822145e-05	4.752290e-05	-1.188653e-04
## SPAC1687.11	4.144499e-03	-7.466975e-03	3.965580e-03	-2.014044e-03
## SPAC1687.12c	-1.475220e-04	-6.114915e-04	-8.965706e-05	1.430353e-03
## SPAC1687.14c	-8.415274e-04	2.711246e-04	-9.464494e-04	-4.745192e-04
## SPAC1687.16c	-1.723670e-04	5.063670e-05	-1.257917e-04	-2.095633e-04
## SPNCRNA.160	3.245521e-06	8.404181e-06	1.696834e-05	6.477342e-06
## SPATRNaALA.01	-1.626299e-04	3.048831e-04	5.541512e-04	5.552674e-04
## SPAC1687.17c	-5.782421e-04	-6.211615e-04	1.350922e-03	5.895120e-05
## SPAC1687.18c	-1.207965e-03	-3.718136e-04	1.893306e-03	-8.463912e-04
## SPAC1687.19c	-2.533296e-04	-2.387268e-03	2.129484e-03	-2.855379e-04
## SPAC1687.20c	-7.822830e-04	-2.123164e-05	1.704688e-03	-5.783226e-05
## SPAC222.03c	1.147964e-03	2.072552e-04	1.806521e-03	-1.571051e-04
## SPAC222.19	-4.132108e-04	-9.795097e-06	-1.314633e-04	-1.797823e-04
## SPAC222.04c	-7.411404e-04	-9.115665e-05	1.546158e-03	9.051815e-04
## SPAC222.06	1.170236e-03	-2.127335e-03	1.101787e-03	-4.477378e-04
## SPAC222.07c	-2.028194e-03	-2.794940e-04	5.337209e-03	1.371107e-03

## SPAC222.08c	-4.081603e-04	-1.027065e-03	7.359987e-04	-5.690411e-04
## SPSNRNA.02	-3.580425e-02	-2.150135e-02	1.254697e-02	8.064448e-02
## SPAC222.17	9.173057e-05	6.292513e-05	7.287018e-04	3.073972e-05
## SPNCRNA.701	-5.657659e-05	3.892142e-05	7.261420e-05	3.097359e-05
## SPAC222.15	1.103551e-05	3.911969e-05	5.340679e-05	1.581445e-05
## SPAC222.18	1.537142e-04	2.083128e-05	6.350729e-04	2.902110e-04
## SPAC222.16c	-2.222259e-04	-3.385625e-05	6.137045e-04	5.706410e-04
## SPAC821.05	-5.113435e-03	-9.001478e-03	-6.485757e-03	-2.328195e-03
## SPNCRNA.702	-5.112370e-05	-7.317687e-05	9.129296e-05	8.222500e-05
## SPAC821.06	-1.460365e-03	-8.650828e-04	1.342157e-03	-4.606201e-04
## SPNCRNA.703	-1.922226e-04	-1.967793e-04	2.263857e-04	2.966351e-04
## SPAC821.08c	-3.167907e-03	1.112070e-03	6.720120e-03	-8.457872e-03
## SPAC821.09	-4.670598e-04	2.121041e-03	-1.336742e-03	-4.232356e-02
## SPAC821.10c	-2.655364e-02	1.061114e-02	-1.212669e-02	7.704784e-03
## SPAC821.12	-2.885657e-03	4.739747e-04	-7.368925e-04	-4.788334e-04
## SPNCRNA.220	-9.592804e-06	2.620726e-06	1.866745e-05	1.238500e-05
## SPAC139.01c	-7.549731e-04	-5.513883e-04	1.001801e-03	-7.370126e-04
## SPNCRNA.704	-8.800988e-05	1.418690e-04	7.154232e-05	2.907166e-05
## SPAC139.02c	-2.885061e-03	-4.365346e-03	2.277405e-03	-3.296883e-03
## SPAC23C4.03	-4.887770e-03	-3.172664e-04	4.785751e-03	-5.371418e-03
## SPAC23C4.05c	-5.103421e-03	1.239884e-03	-4.802571e-03	-1.615732e-03
## SPAC23C4.06c	-6.807953e-04	-5.613403e-04	-1.220175e-03	-3.747903e-04
## SPAC23C4.09c	6.070126e-04	-1.400811e-03	-5.430858e-04	4.281633e-04
## SPAC23C4.10	-3.797688e-04	3.115944e-04	3.359861e-04	-8.602156e-04
## SPAC23C4.11	-9.565947e-04	2.439116e-04	2.975685e-03	9.988279e-04
## SPAC23C4.13	-5.725383e-04	-7.645834e-05	-4.603128e-04	3.683643e-04
## SPAC23C4.14	-7.970514e-04	3.370535e-05	1.253564e-03	-4.410893e-04
## SPAC23C4.15	-3.609269e-04	-2.490731e-03	5.695674e-04	-1.720945e-03
## SPAC23C4.17	-6.543471e-04	-1.859085e-03	1.237575e-03	-2.549024e-03
## SPAC23C4.18c	-1.675391e-03	8.559152e-05	7.261299e-04	-8.662327e-04
## SPAC1A6.01c	-7.423578e-04	9.870075e-05	6.961349e-04	2.910579e-04
## SPAC1A6.02	3.493047e-04	-1.558931e-03	-1.680550e-04	-1.444128e-03
## SPAC1A6.03c	-1.240796e-02	2.836279e-03	1.738424e-03	-2.643265e-03
## SPAC1A6.04c	-1.231511e-02	1.896149e-03	1.732248e-02	-1.545261e-02
## SPNCRNA.710	-6.187818e-05	4.134614e-05	-4.492050e-05	1.215579e-04
## SPAC1A6.06c	-1.582882e-04	1.305884e-04	1.232506e-04	3.556021e-05
## SPAC1A6.08c	-1.230605e-04	-1.366217e-04	2.373010e-05	-7.789853e-05
## SPAC30D11.14c	-1.584744e-03	-5.083848e-04	1.762266e-03	-5.106903e-04
## SPATRNASER.01	-5.829965e-04	-7.856689e-04	1.003665e-04	-2.620727e-05
## SPATRNAMET.01	-2.964205e-05	-1.686935e-04	-4.219448e-05	4.645314e-04
## SPNCRNA.711	1.659403e-05	-5.905095e-05	-8.263660e-05	1.230421e-04
## SPAC30D11.07	-3.219868e-04	1.127672e-04	-4.695864e-06	-3.526992e-04
## SPAC30D11.06c	-1.384141e-03	-2.339076e-04	1.505178e-03	-1.048869e-04
## SPAC30D11.05	-1.124520e-03	-3.268184e-04	1.162102e-03	-8.868921e-04
## SPAC30D11.02c	-6.434146e-05	-4.387329e-06	-8.934699e-05	2.017915e-05
## SPAC56F8.02	-3.854349e-03	7.228477e-04	1.048195e-03	-3.119536e-03
## SPAC56F8.04c	-3.055883e-04	-8.574724e-04	1.580584e-04	8.007855e-04
## SPAC56F8.06c	-8.414839e-04	2.622903e-04	4.084290e-04	-1.235161e-03
## SPAC56F8.09	7.640868e-04	-1.600165e-03	1.259684e-03	-1.097051e-03
## SPNCRNA.716	-6.112567e-04	-5.165443e-05	-1.591776e-04	3.562613e-04
## SPAC56F8.12	2.484068e-05	-4.055257e-05	-3.022752e-05	1.140937e-04
## SPAC56F8.16	-2.321706e-03	1.804509e-03	1.327183e-03	-3.894801e-03
## SPAC22A12.02c	-3.429049e-05	4.201010e-06	1.773164e-05	5.302859e-05
## SPAC22A12.04c	-1.620170e-02	-2.513397e-02	-1.783235e-02	-8.073156e-03

## SPNCRNA.717	-2.204761e-05	-2.320608e-05	6.182699e-06	-7.602114e-05
## SPAC22A12.07c	-9.581951e-03	-1.999771e-03	1.409720e-02	1.723504e-03
## SPAC22A12.08c	-3.028445e-03	7.490617e-05	2.425845e-03	1.192738e-03
## SPAC22A12.10	-3.287295e-03	-2.990007e-03	1.436683e-03	1.562731e-03
## SPAC22A12.09c	-5.464306e-04	1.316826e-04	6.565324e-04	-6.723712e-04
## SPAC22A12.11	-9.009177e-03	-4.463159e-04	6.611762e-03	9.567346e-04
## SPAC22A12.12c	-8.773048e-04	-4.295876e-04	2.111321e-03	9.512682e-04
## SPAC22A12.14c	-3.469878e-05	1.709415e-04	1.417498e-03	6.293675e-04
## SPNCRNA.719	-5.220513e-05	-1.245139e-05	4.025564e-06	6.365371e-05
## SPAC22A12.17c	-5.820187e-02	2.718010e-02	7.462288e-03	4.213711e-02
## SPNCRNA.168	1.649390e-05	-3.209064e-06	-3.402148e-05	1.124892e-05
## SPNCRNA.720	-5.512090e-05	-8.225336e-05	-2.423513e-04	5.217647e-05
## SPNCRNA.721	-5.065537e-05	1.145013e-04	-2.804571e-04	-5.126125e-04
## SPAC4C5.02c	-6.167964e-04	-6.921696e-04	1.069485e-03	-4.378938e-04
## SPAC4C5.03	-2.379605e-03	5.859997e-04	-1.294565e-04	-1.363152e-03
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	-4.229274e-03	-8.845651e-03	-1.429337e-02	-2.240577e-02
## SPNCRNA.724	-5.353456e-04	1.048377e-04	-6.689845e-04	-2.284225e-04
## SPAC10F6.02c	-1.418527e-03	-3.581181e-04	4.987068e-03	-2.143392e-03
## SPAC10F6.05c	-2.090101e-03	1.391012e-03	-9.047842e-04	6.021378e-04
## SPNCRNA.725	-2.067035e-04	8.446760e-05	3.788243e-04	1.086802e-04
## SPAC10F6.10	-6.119663e-05	-9.602505e-04	1.176932e-03	-3.933192e-04
## SPNCRNA.726	-9.141536e-05	7.052474e-05	-7.639103e-06	-2.167627e-05
## SPAC10F6.15	-1.902734e-04	1.281871e-04	-4.298242e-06	1.164918e-04
## SPNCRNA.432	-1.306287e-05	-4.435596e-05	-6.269082e-05	1.130194e-04
## SPAC10F6.17c	-1.802496e-03	-3.016600e-04	1.072311e-03	3.141327e-04
## SPAC56E4.03	-7.689876e-03	-4.276537e-03	6.156937e-03	-1.547270e-03
## SPAC56E4.07	-1.884141e-03	-8.845286e-04	4.907046e-04	1.038505e-03
## SPNCRNA.730	-1.322735e-05	-2.867605e-05	7.231531e-05	-6.325776e-05
## SPAC1420.02c	-3.813050e-03	-6.206279e-03	-1.939926e-03	-4.259373e-03
## SPAC1420.03	-1.936497e-03	-3.701794e-04	2.251315e-03	2.710257e-04
## SPAC1420.04c	-1.987834e-04	-4.130847e-05	2.305325e-04	-9.815165e-05
## SPNCRNA.731	-1.268662e-05	9.444823e-06	-6.491293e-06	-1.619557e-05
## SPAPB17E12.02	-5.547987e-05	-8.546408e-05	7.731560e-05	-1.059575e-04
## SPAPB17E12.03	-6.157177e-04	-1.039701e-04	1.402689e-03	-2.966698e-04
## SPAPB17E12.05	-3.480356e-03	-1.049870e-02	-7.677421e-03	-2.938098e-03
## SPAPB17E12.11	-3.213823e-03	-1.301931e-03	3.402123e-03	-4.355143e-04
## SPNCRNA.732	-2.486148e-06	2.257907e-05	-3.997466e-05	-1.195208e-04
## SPNCRNA.733	-3.472084e-05	-8.564883e-05	-6.216500e-06	-1.171105e-04
## SPAC1565.03	-2.905407e-04	8.026678e-05	4.090632e-05	-3.841445e-04
## SPAC1565.05	-7.331279e-04	-4.324576e-03	5.231465e-03	-3.739151e-03
## SPAC1565.06c	-1.681272e-03	1.396984e-03	-1.391267e-03	-2.803247e-04
## SPAC1565.07c	-2.353207e-03	4.798768e-05	5.634869e-03	9.924499e-04
## SPATRNAPRO.02	-9.595583e-02	-6.440618e-03	-3.360553e-02	2.061741e-02
## SPSNORNA.53	-1.081770e-03	7.022997e-04	-2.568285e-03	-3.464601e-03
## SPAC6F12.06	-3.179978e-03	-4.243856e-05	2.759968e-03	4.241309e-04
## SPAC6F12.07	-7.959412e-04	-1.294877e-03	-1.109738e-04	-7.740969e-05
## SPAC6F12.08c	-1.152831e-03	3.360752e-04	5.115085e-04	-6.848580e-04
## SPAC6F12.09	-1.023165e-03	6.280835e-04	8.070176e-04	-1.423631e-03
## SPAC6F12.12	-1.568708e-03	7.530422e-04	1.690098e-03	2.312238e-04
## SPAC6F12.13c	-3.393531e-03	-2.536991e-03	-5.358488e-04	-2.278546e-03
## SPAC6F12.15c	-1.821647e-03	5.828260e-04	-5.659950e-05	-1.453734e-03
## SPAC19E9.01c	-2.064516e-03	-1.676100e-04	1.189271e-03	-1.714681e-03

## SPAC19E9.02	-7.382571e-04	-5.353586e-04	9.232916e-04	-1.945283e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	-5.685445e-05	-2.603447e-05	1.339385e-05	4.553489e-05
## SPAC19E9.03	-7.148128e-03	1.738480e-03	-2.109743e-03	-1.526584e-03
## SPAC57A10.03	-1.999613e-04	-4.083354e-04	3.961215e-04	-8.110043e-05
## SPAC57A10.05c	-2.351175e-03	5.805579e-04	-1.019476e-03	-1.253516e-03
## SPAC57A10.06	-4.826075e-05	1.021273e-05	2.741672e-06	-9.422817e-05
## SPAC57A10.07	-5.420439e-04	-8.485012e-04	1.259868e-03	6.138372e-04
## SPAC57A10.08c	-4.017803e-04	-3.956077e-06	3.732167e-04	7.613814e-04
## SPAC57A10.09c	-6.531097e-03	1.993781e-03	-2.406450e-03	5.887165e-03
## SPAC57A10.12c	-1.757449e-03	-9.552833e-03	-6.189277e-03	-5.577868e-03
## SPAC20G8.04c	-6.628448e-03	-3.460969e-03	5.587698e-03	9.497775e-05
## SPAC20G8.05c	-2.961074e-03	-1.697121e-03	4.930333e-03	-8.692968e-04
## SPAC20G8.06	-7.613668e-03	-7.670180e-04	1.057555e-02	-9.780132e-03
## SPAC20G8.08c	-1.026424e-03	-4.978854e-04	4.199129e-03	-2.135374e-03
## SPAC20G8.09c	-1.696477e-04	-7.547432e-03	8.582869e-04	-7.069012e-03
## SPAC20G8.10c	-1.127417e-04	8.443226e-05	-1.276932e-04	-1.638853e-04
## SPAC3A12.04c	-2.617974e-04	-4.132269e-04	1.027616e-03	-3.174597e-04
## SPAC3A12.19	-1.698530e-04	-7.374410e-05	-2.275132e-04	2.657211e-04
## SPAC3A12.07	1.788801e-04	-8.947510e-04	1.375438e-03	8.586485e-04
## SPNCRNA.741	6.181869e-05	-6.113250e-05	-3.968483e-05	1.699875e-04
## SPAC3A12.11c	-5.472130e-04	2.810772e-04	-1.007009e-04	-1.217795e-03
## SPAC3A12.14	-7.011792e-03	4.317602e-04	2.979019e-03	3.529023e-03
## SPAC3A12.15	-1.534538e-03	1.176285e-05	1.909301e-03	-3.286170e-04
## SPSNORNA.48	-6.707333e-06	1.328385e-06	-7.534735e-06	3.465943e-06
## SPAC3A12.18	-1.909401e-02	2.707209e-03	9.904208e-03	7.673931e-03
## SPAC9.03c	-3.020858e-03	1.141001e-03	6.623374e-03	-3.275923e-03
## SPAC9.05	-3.271683e-04	2.404331e-04	1.123029e-03	5.818206e-04
## SPAC9.06c	-7.950870e-05	1.218416e-04	7.473307e-05	-2.496888e-04
## SPAC9.08c	-1.358917e-03	5.055154e-04	-3.502394e-04	-1.303641e-03
## SPAC9.09	-1.961735e-02	-3.700094e-02	-3.769936e-02	-3.472708e-02
## SPNCRNA.743	1.275188e-04	1.104894e-04	2.860027e-05	-3.265530e-04
## SPAC9.10	-8.914014e-05	-1.069343e-03	3.016538e-04	-5.312328e-04
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	-4.112960e-04	4.385370e-04	1.099233e-03	-1.425224e-04
## SPAC5D6.10c	2.448218e-07	2.764941e-07	1.187150e-05	-8.778543e-06
## SPAC5D6.09c	-4.588232e-04	3.743004e-04	-4.016239e-04	-1.139158e-03
## SPAC5D6.07c	-1.617453e-03	6.920680e-04	-1.357880e-03	-4.223136e-04
## SPAC5D6.04	-3.472411e-03	1.301486e-03	-1.551649e-03	-7.913835e-04
## SPAC5D6.02c	-1.739384e-04	9.842424e-05	3.157681e-05	-2.180999e-04
## SPAC57A7.10c	-6.262368e-03	-3.792348e-03	7.429599e-03	7.183203e-04
## SPNCRNA.174	-6.459622e-06	-3.993353e-06	-2.971505e-06	-2.799851e-06
## SPAC57A7.08	-4.376376e-03	-4.895397e-07	4.076597e-04	5.645720e-04
## SPAC57A7.06	6.182208e-05	-1.532071e-03	3.207026e-03	-2.928578e-03
## SPAC57A7.04c	7.377792e-04	-4.050364e-04	-1.904645e-02	-4.958950e-03
## SPAC167.07c	-2.701619e-03	5.360594e-04	1.669440e-03	7.009479e-04
## SPAC167.05	-1.075786e-03	4.601969e-04	5.668090e-04	5.746280e-05
## SPAC167.04	-4.806362e-04	4.807547e-04	1.864397e-03	6.630978e-04
## SPAC167.09	-3.257120e-04	5.835243e-05	4.682998e-04	-2.292331e-04
## SPAC167.08	-2.286117e-05	9.803092e-06	2.704277e-05	1.705107e-05
## SPAC1705.03c	-1.645059e-02	1.930451e-03	8.483707e-03	-2.722952e-02
## SPNCRNA.80	-8.460029e-07	1.591139e-05	1.346080e-06	-1.132695e-05
## SPNCRNA.745	1.210233e-06	8.469567e-06	3.002195e-05	9.043163e-05
## SPNCRNA.81	6.265865e-07	-1.766783e-07	8.886455e-07	1.804341e-06

## SPAC23H4.17c	-5.865864e-04	2.037739e-04	-2.721775e-04	-1.288363e-04
## SPAC23H4.16c	-8.070279e-04	-1.166435e-04	7.451196e-04	-5.049077e-04
## SPAC23H4.15	1.199968e-03	-5.845783e-03	4.237672e-03	6.452462e-04
## SPAC23H4.21	1.446037e-04	8.923196e-05	6.205871e-04	1.088279e-04
## SPAC23H4.13c	-4.079044e-04	8.713484e-05	1.782598e-03	1.477985e-06
## SPAC23H4.12	-3.539356e-04	-1.477687e-03	1.254232e-03	1.006940e-03
## SPAC23H4.08	-1.601749e-04	-3.710892e-04	5.970080e-04	2.052716e-04
## SPAC23H4.07c	-4.821841e-04	-1.026340e-03	1.394053e-03	-1.616743e-05
## SPAC23H4.05c	-5.587884e-05	-2.825442e-05	-3.551202e-05	-1.071911e-05
## SPNCRNA.746	-8.046156e-05	-3.266905e-06	1.591100e-05	7.035311e-05
## SPAC23H4.04	-4.385646e-04	6.769888e-05	1.378057e-03	-1.099314e-03
## SPATRNNATHR.01	-4.095348e-03	3.479785e-03	-2.184282e-04	-5.905305e-03
## SPNCRNA.747	-9.420670e-05	-1.071213e-05	2.035716e-05	-1.815943e-05
## SPAP27G11.03	-1.788230e-04	-2.047958e-04	9.778477e-05	-4.371082e-04
## SPAP27G11.05c	-2.487118e-03	7.989405e-04	-1.053512e-03	-1.967154e-03
## SPNCRNA.749	-5.910807e-05	-9.204864e-05	3.856337e-05	-9.905575e-05
## SPAP27G11.09c	-2.306872e-03	-5.460103e-04	2.827892e-03	-1.093602e-05
## SPAP27G11.14c	-7.101263e-04	2.187087e-04	1.380586e-03	-1.888889e-03
## SPAP27G11.15	-2.105554e-04	1.104426e-04	7.153926e-04	-4.691638e-04
## SPAC343.01c	-1.199825e-03	-7.613937e-04	2.078435e-03	-3.929793e-04
## SPAC343.03	-1.965095e-04	-6.172215e-05	4.917573e-04	-1.498023e-04
## SPAC343.04c	-2.504494e-03	1.290199e-03	-1.606471e-03	-1.239258e-03
## SPAC343.05	-7.229135e-03	-5.229148e-03	4.155416e-03	-3.374679e-03
## SPAC343.08c	-1.341745e-03	-1.508719e-03	2.425512e-03	9.563531e-04
## SPAC343.07	-3.406085e-05	2.585121e-05	6.145556e-05	-3.626032e-06
## SPNCRNA.752	-1.674222e-04	-1.668287e-05	-1.363079e-04	-6.420603e-05
## SPAC343.10	-4.931946e-03	-1.483893e-03	2.845195e-03	5.970385e-04
## SPAC343.11c	-1.878856e-03	9.117345e-04	-1.486415e-04	-1.307316e-03
## SPAC343.20	1.312913e-03	-1.436144e-03	-1.391001e-03	-1.647452e-04
## SPAC343.17c	-1.723182e-03	6.179676e-04	6.664124e-04	1.644183e-04
## SPAC343.15	-2.434931e-04	-9.942406e-05	5.930844e-04	-3.182220e-04
## SPNCRNA.754	-2.046409e-06	-8.171371e-08	-1.919557e-06	2.279107e-06
## SPAC824.04	-1.425949e-03	2.071631e-04	1.783409e-03	-1.261936e-03
## SPAC824.05	-2.302197e-03	8.601281e-04	1.176290e-03	-1.230580e-03
## SPAC824.07	-5.155761e-03	3.334102e-03	1.347300e-04	2.488006e-05
## SPAC824.08	-2.387596e-03	-5.348100e-04	2.386641e-03	-6.296242e-04
## SPATRNNALYS.01	-6.735632e-04	-2.744970e-04	-3.642639e-04	-1.185430e-03
## SPAC664.03	-1.122835e-03	-1.204126e-03	2.516958e-03	1.373094e-03
## SPAC664.04c	-6.286350e-03	-1.470156e-02	-1.384117e-02	4.610461e-04
## SPAC664.07c	-4.803898e-04	1.025281e-04	1.014409e-03	-3.583445e-04
## SPAC664.08c	1.921896e-03	-2.540453e-03	4.186312e-03	9.897290e-04
## SPAC664.09	-4.389272e-03	-9.356611e-04	2.124977e-03	7.394806e-04
## SPAC664.10	-2.965564e-03	6.891093e-04	1.673873e-03	6.718605e-05
## SPAC664.11	-3.551288e-02	-4.078072e-02	-3.712154e-03	9.740122e-03
## SPAC664.12c	-6.613472e-04	-6.723333e-05	8.866285e-04	1.117031e-04
## SPAC664.14	-3.737397e-03	-3.420379e-03	4.377849e-04	-2.361227e-03
## SPNCRNA.758	-1.919098e-05	-1.444777e-07	4.404344e-05	-1.254743e-05
## SPACUNK12.02c	-9.692043e-04	2.347687e-04	-3.816099e-04	2.063759e-04
## SPAC105.01c	-6.499164e-04	7.171674e-05	8.447508e-04	-7.492983e-04
## SPAC17A5.18c	-7.285079e-05	6.159348e-05	3.779835e-05	7.581723e-05
## SPAC17A5.02c	-3.717196e-04	-3.902389e-04	9.863969e-04	-5.344285e-04
## SPAC17A5.03	-6.529010e-03	-1.311332e-02	-1.388629e-02	-6.377923e-03
## SPAC17A5.04c	-1.372939e-03	9.023551e-05	1.561065e-03	-1.844264e-04
## SPAC17A5.19	-1.475648e-04	6.394496e-05	7.162520e-05	1.924727e-04

## SPAC17A5.06	-2.316340e-03	4.698922e-04	2.125243e-04	-1.362592e-03
## SPAC17A5.08	-1.752901e-03	-7.318808e-04	8.315679e-04	2.151709e-03
## SPAC17A5.10	-4.248975e-04	3.126150e-04	6.235677e-06	-1.780771e-04
## SPAC17A5.11	-7.442679e-06	5.665397e-05	1.283488e-04	-1.503198e-04
## SPAC17A5.12	-7.659261e-04	7.423615e-04	1.344540e-03	-6.095909e-04
## SPAC17A5.14	-5.802588e-03	-7.628626e-04	7.586541e-03	7.984025e-04
## SPAC17A5.16	-1.129293e-03	-5.659696e-04	2.358679e-03	-2.204960e-04
## SPAC1610.01	-2.041534e-04	-5.430914e-05	6.612006e-04	1.998572e-04
## SPAC1610.02c	-1.067680e-03	-2.452817e-04	1.422667e-03	6.039424e-05
## SPAC1610.03c	2.385101e-05	-1.684173e-05	1.791369e-04	1.642168e-04
## SPAC1610.04	-1.877687e-03	-1.528738e-04	7.522663e-04	4.818053e-05
## SPAC1002.02	-5.444242e-04	-4.067361e-05	5.605186e-04	-4.205681e-04
## SPAC1002.03c	-5.228798e-03	-2.049276e-03	2.868335e-03	-3.575005e-03
## SPAC1002.04c	-9.432472e-04	4.426415e-04	1.989362e-04	-1.559844e-03
## SPAC1002.05c	-1.114351e-03	8.246560e-04	5.849718e-04	-1.011152e-03
## SPAC1002.09c	-1.711776e-02	-1.021842e-02	-8.293392e-04	1.053829e-02
## SPAC1002.12c	-2.954645e-03	-1.355094e-03	8.274819e-04	5.183981e-04
## SPAC1002.20	-5.549121e-05	-9.846205e-05	-5.360306e-04	4.118732e-04
## SPAC1002.19	-8.311310e-03	3.276135e-03	2.617091e-02	7.737695e-03
## SPAC1399.04c	-1.586707e-03	3.106053e-04	-6.696217e-04	2.310840e-05
## SPAC1399.03	-1.906242e-03	-8.329002e-04	7.456970e-04	-2.343744e-03
## SPAC1399.01c	-1.011625e-03	4.736364e-04	-4.779054e-04	-3.612100e-04
## SPAP11E10.02c	-4.237125e-04	1.855502e-04	6.820776e-06	-4.487801e-04
## SPAPB1A10.02	-5.418090e-04	1.359387e-04	-3.437762e-05	-4.806553e-04
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	2.968026e-05	-1.131815e-03	3.220196e-03	-6.208963e-04
## SPAPB1A10.07c	-2.744928e-03	4.883658e-04	3.725197e-04	-1.076502e-03
## SPNCRNA.767	-1.101417e-04	1.841781e-06	-9.629202e-05	-7.267362e-04
## SPNCRNA.768	-4.315987e-05	-2.183702e-04	-8.157823e-05	-1.082088e-04
## SPAPB1A10.08	-8.352009e-04	-3.013183e-04	1.057624e-04	-1.050849e-04
## SPAPB1A10.10c	-5.447957e-04	-6.472612e-06	9.498372e-04	-3.049926e-04
## SPAPB1A10.11c	-3.610502e-04	-5.482188e-04	1.017667e-03	-1.942504e-04
## SPAPB1A10.12c	-1.940474e-03	-5.992126e-04	1.595577e-03	-1.753333e-03
## SPNCRNA.769	-2.078004e-04	-6.743559e-05	2.257710e-04	-1.146812e-04
## SPNCRNA.770	1.706882e-05	-3.283466e-05	2.061530e-05	9.477218e-05
## SPAC140.02	3.473222e-02	-6.147561e-02	-3.649976e-02	-4.525466e-02
## SPNCRNA.771	-2.046552e-04	-6.133464e-05	1.178417e-04	-4.072184e-05
## SPAC140.04	-3.280996e-04	1.838500e-04	2.183894e-05	-3.433059e-04
## SPAC110.02	-7.122880e-04	-2.855358e-04	1.322255e-03	-1.540604e-03
## SPNCRNA.773	-6.606062e-05	-5.009869e-05	4.711923e-05	-9.009846e-05
## SPAC110.04c	-1.365119e-02	-1.170412e-02	3.911034e-04	-1.231787e-02
## SPAP14E8.02	-1.023600e-03	-9.949823e-04	1.560446e-03	-9.082657e-03
## SPAP14E8.03	-1.403457e-03	1.830134e-04	-6.579705e-04	-9.439808e-04
## SPAP14E8.04	-7.414466e-04	1.497317e-04	6.074991e-04	-4.104537e-05
## SPAP14E8.05c	-1.329728e-03	6.281859e-04	2.580564e-03	2.335748e-03
## SPAC3H1.03	1.235836e-04	-4.020557e-04	4.777800e-04	-2.686463e-04
## SPNCRNA.775	-2.392691e-05	2.821404e-05	-2.515818e-05	5.704199e-05
## SPAC3H1.08c	-2.196401e-04	2.347952e-04	8.371598e-04	-2.790898e-04
## SPNCRNA.776	-5.669924e-05	-2.375059e-05	1.029596e-04	-1.133256e-04
## SPAC3H1.10	-6.366128e-04	-9.224022e-04	1.471439e-04	-5.504662e-04
## SPNCRNA.778	-4.596748e-05	-3.870820e-05	-2.107261e-05	-2.731618e-04
## SPNCRNA.779	-1.938429e-04	-5.196865e-05	-3.031672e-05	-2.242609e-05
## SPNCRNA.780	5.158150e-05	1.539035e-05	-4.682211e-07	-1.991930e-04
## SPNCRNA.782	-7.689947e-05	-2.574339e-04	-2.287263e-04	-2.346616e-04

## SPAC3H1.11	-4.210785e-03	3.619207e-03	-4.785246e-03	-9.369435e-03
## SPAC3H1.14	-7.421140e-04	3.072151e-04	2.944804e-04	-5.723053e-04
## SPAC9G1.05	-3.800344e-03	-5.916094e-05	5.884216e-03	7.842451e-04
## SPAC9G1.06c	-9.374757e-04	1.888318e-04	7.244551e-04	-1.656538e-03
## SPAC9G1.07	1.718626e-05	9.339555e-05	2.176986e-04	1.853171e-04
## SPAC9G1.11c	-2.041420e-03	1.117965e-03	1.311464e-03	-1.359808e-03
## SPAC9G1.12	1.925273e-04	-1.775753e-03	1.598749e-03	5.374264e-04
## SPAC767.01c	-1.163395e-02	1.570284e-03	1.672661e-02	9.643347e-03
## SPNCRNA.786	-3.427386e-05	2.296962e-05	6.274513e-05	-7.857275e-05
## SPAC17H9.01	-1.726854e-03	1.373255e-04	2.119693e-03	-1.637241e-03
## SPAC17H9.05	3.596116e-03	-3.781532e-03	4.113777e-03	4.042934e-04
## SPAC17H9.06c	-4.887980e-04	4.844023e-04	1.013888e-03	-3.864817e-04
## SPAC17H9.07	-1.002764e-03	-8.072854e-04	1.359922e-03	-1.337058e-04
## SPAC17H9.08	-6.425301e-04	-1.319144e-04	1.815927e-03	7.711499e-04
## SPAC17H9.11	-1.298615e-03	-5.207965e-04	1.176300e-03	-5.403857e-04
## SPNCRNA.788	-1.595086e-05	-2.821763e-05	3.439665e-05	-4.185684e-05
## SPAC17H9.18c	6.977249e-06	7.353077e-06	1.429049e-05	1.807117e-05
## SPAC17H9.19c	1.306026e-04	1.899106e-04	-9.854131e-05	3.429680e-04
## SPAC607.02c	4.946950e-05	9.466697e-05	8.864930e-04	2.055627e-04
## SPNCRNA.789	-1.764704e-04	4.381331e-05	1.220610e-04	-6.234005e-05
## SPAC607.07c	-1.977526e-03	9.064171e-04	-1.108012e-03	-4.631687e-04
## SPAC607.08c	-2.928877e-03	2.114692e-03	-3.206374e-03	-2.828281e-04
## SPNCRNA.186	-2.283465e-05	6.564259e-06	-1.647062e-05	1.456366e-05
## SPAC607.10	-1.516651e-03	-2.226779e-04	9.438389e-04	-1.831597e-03
## SPNCRNA.790	-1.693296e-06	8.264182e-06	-2.608137e-06	9.260400e-06
## SPAC3C7.01c	-2.721751e-03	-1.105663e-04	2.700459e-03	-1.849351e-03
## SPAC3C7.03c	-6.739040e-04	2.024620e-05	5.289597e-04	-4.988170e-04
## SPAC3C7.04	-3.459655e-03	-1.065032e-03	1.594653e-03	-2.519823e-03
## SPAC3C7.05c	-8.492609e-03	7.286432e-03	-5.775429e-03	3.554007e-03
## SPAC3C7.06c	-1.628698e-03	6.229241e-04	7.536919e-04	-1.105500e-03
## SPAC3C7.07c	-4.479760e-04	1.138977e-04	1.072603e-03	-7.762573e-04
## SPAC3C7.10	-4.638047e-04	-2.456115e-04	1.668875e-03	1.186415e-03
## SPAC3C7.11c	-1.026778e-02	-9.001535e-03	1.058013e-02	7.329268e-04
## SPAC3C7.12	-2.310977e-03	-3.668288e-04	4.341021e-03	-4.138724e-04
## SPAC3C7.13c	-1.702616e-03	1.440282e-03	-6.300514e-04	8.367265e-04
## SPNCRNA.792	1.886894e-05	-8.462776e-05	-8.268285e-05	-3.007880e-05
## SPAC3C7.14c	-4.524548e-02	2.793129e-02	2.762826e-02	4.738201e-03
## SPAC25A8.01c	-6.389608e-03	-2.741269e-03	8.934456e-04	-1.941159e-03
## SPAC631.01c	-1.403404e-03	-1.998888e-04	6.637430e-04	-1.843742e-04
## SPAC20H4.01	-2.133352e-04	-1.833196e-03	2.597814e-03	-2.882472e-03
## SPNCRNA.795	-1.331310e-04	1.731693e-04	3.644361e-04	1.939753e-04
## SPAC20H4.05c	2.336907e-04	-7.209230e-04	-7.503346e-04	-5.625016e-04
## SPAC20H4.06c	-1.270660e-03	1.925109e-04	1.190174e-03	-1.515576e-03
## SPAC20H4.07	-1.078645e-03	1.522768e-04	-3.682657e-04	-8.444643e-04
## SPNCRNA.796	-6.733776e-06	-4.525957e-05	6.036625e-06	2.308342e-04
## SPAC20H4.11c	-2.962605e-04	1.351025e-04	4.020456e-04	-9.716262e-05
## SPAC23C11.02c	-1.276187e-03	-2.564052e-02	-1.887410e-02	7.901630e-03
## SPAC23C11.06c	-8.944693e-03	4.712005e-03	-8.920517e-03	-2.372951e-03
## SPNCRNA.798	1.895124e-04	-3.409664e-04	-2.459619e-04	-3.538646e-04
## SPAC23C11.07	3.278427e-05	-2.543455e-05	-4.689055e-05	9.147661e-05
## SPAC23C11.12	-7.683518e-05	8.886331e-05	4.142324e-04	-1.625200e-04
## SPAC23C11.13c	-2.196112e-03	-5.573736e-04	8.556006e-04	-8.558308e-04
## SPNCRNA.187	2.300998e-05	-1.540001e-05	-1.446969e-05	-6.265190e-05
## SPAC23C11.16	-1.233730e-03	-1.126540e-04	1.714294e-03	-2.938832e-04

## SPAC13F5.03c	-2.070757e-04	1.720584e-04	4.608068e-04	-1.034465e-04
## SPAC13F5.04c	-2.477130e-04	4.141374e-05	3.010578e-05	-6.387752e-05
## SPAC13F5.05	-8.328276e-04	2.194413e-04	-4.909101e-05	-4.204554e-05
## SPAC1783.01	-7.993071e-04	-6.067980e-04	-6.084044e-05	-1.650299e-03
## SPAC1783.03	-5.093394e-04	1.257406e-04	1.056132e-03	-1.559338e-04
## SPAC1783.05	-7.426176e-04	-1.052708e-03	6.768923e-03	1.191203e-03
## SPAC18G6.03	-4.231474e-03	-2.967076e-03	2.802869e-03	-1.412501e-03
## SPNCRNA.805	4.167440e-06	-7.605005e-06	1.235778e-05	5.543613e-05
## SPNCRNA.188	-1.830327e-05	1.700420e-05	-4.922553e-07	5.826771e-06
## SPAC18G6.15	-2.209385e-03	-6.813379e-04	1.904446e-03	-7.278106e-04
## SPAC13D6.01	-5.884126e-04	7.704855e-05	-2.361842e-04	-1.033170e-03
## SPNCRNA.807	1.203727e-05	-1.358826e-04	-1.178965e-04	-1.150243e-04
## SPAC13D6.03c	1.727232e-04	-6.077978e-04	1.511664e-03	2.173818e-04
## SPAC4G9.04c	-1.267297e-03	3.664616e-05	3.016309e-04	-1.233098e-03
## SPAC4G9.03	-9.262236e-03	-1.068748e-02	-5.509664e-03	6.199204e-03
## SPAC4G9.05	-1.742397e-05	-5.065610e-05	1.386862e-04	-1.891393e-04
## SPAC4G9.06c	-9.479058e-04	-1.023760e-03	9.807537e-04	-1.415888e-03
## SPNCRNA.808	3.382995e-05	4.138560e-05	-7.788053e-06	-1.452826e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	-1.103799e-02	-8.395293e-03	6.606037e-03	8.057802e-04
## SPAC4G9.10	-2.496859e-03	-1.879417e-03	-4.284878e-04	-6.029601e-04
## SPAC4G9.11c	-1.558131e-03	6.778539e-04	-5.540688e-04	8.273848e-04
## SPAC4G9.12	-5.407915e-03	3.965755e-04	1.678299e-03	2.565890e-03
## SPAC4G9.14	-9.665302e-04	8.742938e-05	7.050692e-04	-6.138796e-04
## SPAC4G9.15	-1.401291e-03	-1.699345e-03	-1.240921e-03	7.293986e-05
## SPNCRNA.809	-6.974214e-05	-3.852387e-05	3.686107e-05	-9.519411e-05
## SPAC4G9.19	-4.292907e-04	1.814915e-04	-2.237271e-04	-4.136708e-04
## SPAC4G9.20c	-8.336975e-04	-8.107445e-04	1.255455e-03	-4.597408e-04
## SPNCRNA.810	-1.049080e-04	-6.637033e-06	-1.444490e-04	-4.054673e-04
## SPAC13G7.01c	-2.331134e-03	-5.310640e-04	8.022856e-04	-2.694737e-04
## SPAC13G7.02c	-2.753034e-02	3.137563e-03	4.835881e-02	5.075290e-02
## SPAC13G7.03	-1.506021e-04	-1.841984e-04	1.478077e-04	-3.885882e-06
## SPAC13G7.04c	-1.659961e-03	1.021769e-03	8.791879e-04	-1.026346e-03
## SPAC13G7.05	-2.995383e-03	1.336493e-03	-2.197207e-03	-6.605133e-04
## SPAC13G7.06	-4.433061e-03	-1.251333e-03	3.811895e-03	3.366390e-03
## SPAC13G7.10	-8.889284e-04	-4.030466e-04	8.822026e-05	-1.093819e-03
## SPAC13G7.12c	-7.000702e-04	-1.112038e-04	6.775604e-04	-5.714983e-04
## SPAC13G7.13c	-3.402967e-04	2.541082e-05	1.168822e-03	-5.958814e-04
## SPNCRNA.812	-4.178610e-05	-2.369761e-04	-9.951512e-05	-1.868370e-04
## SPNCRNA.813	-1.054372e-04	-1.717424e-05	-6.274910e-04	2.675205e-04
## SPAC6C3.03c	1.407942e-05	-6.255678e-06	2.505309e-05	-5.713994e-05
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-1.040536e-05	3.811880e-06	9.571829e-05	-2.618632e-04
## SPNCRNA.815	-3.855107e-04	-5.026146e-07	-1.847094e-04	-2.192222e-05
## SPAC6C3.08	-4.105654e-04	3.180101e-04	-1.374687e-04	1.136365e-03
## SPAC6C3.09	-6.961907e-04	-6.867417e-04	-2.389113e-04	-3.342256e-04
## SPNCRNA.816	3.843854e-06	-5.684034e-05	-6.948441e-05	1.120346e-04
## SPAC17G8.03c	-1.135855e-03	7.421251e-05	1.763467e-03	-1.550715e-04
## SPAC17G8.15	-4.736857e-05	-7.907490e-05	1.455318e-04	-1.724177e-04
## SPAC17G8.04c	-1.842228e-03	-5.702304e-04	1.113167e-03	-4.179735e-04
## SPAC17G8.06c	-6.016010e-03	-3.554724e-02	-3.399660e-02	2.606626e-04
## SPAC17G8.08c	-6.677462e-04	-2.845161e-03	-1.675592e-03	-6.954608e-04
## SPAC17G8.11c	-3.437705e-03	-1.149151e-04	-8.469260e-04	-1.511223e-03

## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	-1.341702e-03	-2.723411e-04	1.806947e-03	-3.132282e-04
## SPAC17G8.14c	-1.943062e-03	4.132948e-04	6.958111e-05	6.548345e-05
## SPNCRNA.818	7.595998e-06	-5.623504e-06	-1.385665e-05	-3.390606e-05
## SPAC22H10.02	-1.067766e-03	2.561412e-04	-4.888522e-04	5.227338e-05
## SPNCRNA.820	-4.112696e-05	2.162749e-06	9.233622e-05	4.217113e-05
## SPAC22H10.04	-1.517988e-03	-2.287800e-04	7.037334e-06	-3.783713e-04
## SPAC22H10.05c	-1.769748e-03	-1.968626e-03	9.506164e-04	1.293821e-03
## SPAC22H10.06c	8.368340e-07	-8.172280e-06	-5.651202e-06	6.450579e-06
## SPAC22H10.07	-1.135618e-03	-1.069307e-04	7.747349e-04	-1.509004e-03
## SPAC22H10.08	-1.103083e-03	-4.801000e-04	1.532207e-03	-2.500080e-04
## SPAC22H10.11c	-2.810150e-04	1.132936e-04	8.739836e-04	1.073190e-03
## SPAC22H10.12c	-8.041800e-03	2.734778e-03	-4.402577e-03	3.001123e-03
## SPAC15F9.01c	1.223549e-05	-2.180517e-05	2.532724e-05	-4.903119e-06
## SPNCRNA.822	-8.336843e-06	-1.688731e-05	8.737252e-06	1.684103e-05
## SPNCRNA.193	-6.744330e-06	5.770980e-06	-9.143295e-06	-1.572623e-06
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	-3.604392e-03	1.089912e-03	-2.022851e-04	-1.535198e-03
## SPAC6B12.04c	-1.506543e-03	-7.116928e-04	2.040181e-03	7.457527e-04
## SPNCRNA.824	2.749761e-05	-5.844999e-05	1.504951e-04	1.683497e-04
## SPAC6B12.05c	-1.495875e-03	3.125206e-05	3.983048e-03	6.563423e-04
## SPAC6B12.06c	-3.050135e-04	6.001677e-04	9.368623e-04	5.994116e-05
## SPNCRNA.194	1.549953e-05	3.753854e-06	-2.627604e-05	-8.243424e-06
## SPNCRNA.825	-3.371206e-05	-4.919872e-05	-9.535039e-07	-9.665574e-05
## SPAC6B12.19	-5.518124e-05	7.294094e-05	1.895847e-04	-1.096063e-05
## SPAC6B12.09	4.358829e-05	-4.944689e-05	6.005894e-04	2.446001e-04
## SPAC6B12.10c	-5.330572e-04	4.267878e-05	3.729201e-04	1.281427e-04
## SPAC6B12.11	-4.827757e-04	6.261124e-05	5.009740e-04	-1.082998e-03
## SPNCRNA.43	-4.084716e-06	-3.063601e-06	-1.018525e-05	-1.243921e-05
## SPATRNNATHR.02	-1.179731e-03	1.338732e-03	1.712524e-03	-1.626442e-03
## SPAC6B12.12	-3.835547e-03	-3.453130e-03	1.675821e-03	2.926164e-03
## SPAC6B12.14c	-7.661594e-04	-4.613320e-04	-4.235942e-04	-4.834010e-04
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	4.485170e-06	7.488086e-06	4.222191e-06	-4.478030e-06
## SPAC6B12.16	-5.447038e-05	-1.442265e-06	-5.184508e-05	7.575274e-05
## SPNCRNA.827	-1.082842e-04	-4.079510e-05	-1.214229e-05	-2.618524e-05
## SPAC32A11.04c	-3.694274e-03	-6.295095e-03	-4.604632e-03	-1.430688e-03
## SPAC32A11.01	-8.825753e-04	-1.385506e-04	-6.750867e-05	-5.236673e-05
## SPAC32A11.03c	-2.603612e-03	4.424160e-04	2.394710e-03	-2.700581e-03
## SPAC19A8.15	-1.238901e-02	-1.316029e-02	-1.652646e-03	-3.680210e-03
## SPAC19A8.14	1.468491e-05	-1.329055e-03	1.395137e-03	2.100174e-03
## SPAC19A8.16	-4.111850e-03	4.462232e-03	-5.224353e-03	-2.577487e-03
## SPAC19A8.06	-1.244168e-03	-3.188765e-04	1.532108e-03	-8.135209e-04
## SPAC23H3.02c	3.360973e-04	-4.004146e-04	-1.928549e-04	5.357988e-04
## SPAC23H3.03c	-9.398361e-04	3.589967e-04	8.995204e-04	-7.735151e-04
## SPNCRNA.558	1.632930e-06	4.519215e-06	-2.301574e-06	-5.965677e-06
## SPNCRNA.830	-8.594983e-06	-1.762016e-05	-5.086604e-05	-1.537369e-04
## SPAC23H3.07c	-8.664650e-04	-4.037664e-04	2.150611e-03	1.089581e-03
## SPAC23H3.09c	-1.254825e-02	-1.522932e-02	-6.757565e-03	-2.078203e-03
## SPATRNNACYS.02	-2.055652e-03	-7.764937e-04	1.156093e-03	3.682438e-03
## SPAC23H3.10	-1.641650e-03	-2.007188e-05	2.605586e-03	-9.985750e-04
## SPAC23H3.11c	-3.362766e-04	-1.098218e-04	3.334216e-04	-3.168741e-04

## SPAC23H3.12c	-2.030411e-04	2.662606e-05	3.701585e-04	-5.731635e-05
## SPAC23H3.14	-6.311447e-04	-8.639268e-04	2.415842e-04	-7.682530e-04
## SPNCRNA.832	1.211056e-04	-2.655675e-04	-1.553466e-04	6.409607e-05
## SPAC25H1.02	-1.115202e-03	7.858522e-04	-1.934023e-03	-2.863154e-04
## SPAC25H1.03	-1.146627e-04	1.125178e-04	-2.670674e-03	3.191453e-04
## SPAC25H1.10c	-5.320124e-04	8.378043e-05	1.343914e-03	6.887851e-04
## SPAC25H1.09	-2.266285e-04	2.018507e-04	-6.952192e-05	-1.451353e-04
## SPAC4A8.02c	-2.066229e-03	-9.253071e-07	-8.449563e-04	-3.620403e-04
## SPAC4A8.03c	-2.522923e-03	-5.630107e-05	7.349696e-04	-1.950184e-03
## SPNCRNA.834	-1.555190e-04	-1.023917e-04	-6.943674e-05	-2.524274e-04
## SPNCRNA.835	-1.954879e-05	-4.588907e-06	-2.754621e-05	-2.179117e-05
## SPAC4A8.06c	-1.940176e-03	-4.345743e-04	3.231154e-03	-2.030325e-03
## SPAC4A8.09c	-9.774795e-04	-3.004643e-05	-8.020364e-05	-7.664471e-04
## SPAC4A8.11c	-1.926637e-02	-2.806304e-02	-2.897555e-02	-7.464198e-03
## SPAC4A8.13c	-5.040727e-03	9.451332e-04	4.964204e-03	4.680952e-03
## SPAC4A8.15c	-5.013078e-03	-3.135465e-03	8.539306e-04	-5.522221e-04
## SPAC4A8.16c	-2.924408e-03	-3.551832e-02	-1.013071e-02	-5.227248e-04
## SPNCRNA.840	2.947340e-04	-3.240073e-04	-6.070349e-04	5.101429e-04
## SPAC823.02	6.056778e-04	-8.572257e-04	6.434747e-04	4.490389e-04
## SPAC823.04	3.878460e-04	-6.128206e-04	8.662051e-04	-7.340770e-04
## SPAC823.05c	-1.249302e-03	6.384449e-04	-9.049194e-05	-2.254114e-03
## SPAC823.06	-1.994963e-04	7.237405e-06	-3.287388e-05	-4.734486e-05
## SPAC823.08c	2.346360e-04	-9.053855e-04	1.313983e-03	-2.965384e-04
## SPAC823.09c	-5.891951e-04	1.663178e-04	8.331875e-04	-1.004796e-04
## SPAC823.10c	-7.137453e-04	2.796477e-04	3.689995e-04	-9.280427e-04
## SPAC823.15	-5.032810e-04	1.990272e-04	-3.828944e-04	-1.476671e-03
## SPAC7D4.13c	2.214965e-04	1.285330e-05	1.144542e-03	9.737708e-04
## SPAC7D4.12c	-2.091965e-03	4.320151e-04	4.327206e-04	-3.409679e-04
## SPAC7D4.10	-4.536056e-04	4.026361e-04	1.019715e-03	-9.079901e-04
## SPNCRNA.842	2.361595e-05	-4.102490e-05	-1.735137e-05	1.107188e-04
## SPAC7D4.15c	-2.588639e-04	-6.180276e-05	1.502058e-04	2.136426e-04
## SPAC7D4.07c	-1.963803e-02	1.884005e-03	3.396740e-03	1.995954e-02
## SPSNORNA.12	-1.339775e-03	-4.708075e-03	-3.525537e-03	6.765056e-03
## SPAC7D4.05	1.102633e-04	3.847107e-04	1.444666e-03	3.046101e-04
## SPAC7D4.02c	-7.897844e-04	-1.840636e-04	6.725363e-04	-5.772641e-04
## SPAC4F8.13c	-4.003907e-03	1.428892e-03	4.238732e-03	-7.645921e-03
## SPAC4F8.11	-2.465979e-03	-3.331370e-05	3.000899e-03	-2.204563e-03
## SPAC4F8.08	-2.195361e-05	-1.366650e-05	3.462712e-05	-2.845065e-05
## SPNCRNA.201	2.464193e-05	-1.688351e-05	1.202276e-05	5.384142e-05
## SPAC4F8.06	-1.383806e-03	6.817314e-06	-7.411640e-05	-3.411589e-04
## SPAC4F8.05c	7.253134e-05	-3.823110e-04	1.008739e-03	1.194083e-04
## SPAC4F8.04	1.715937e-03	-2.016649e-03	2.286637e-03	1.859303e-03
## SPAC644.06c	-2.970557e-03	-3.070266e-04	-1.071520e-03	-1.409544e-03
## SPNCRNA.844	9.508199e-06	-1.930703e-04	-1.477688e-04	1.909774e-04
## SPATRNLAYS.04	-2.281335e-04	1.344438e-04	8.505783e-05	2.537449e-04
## SPAC644.07	-1.351661e-03	7.000181e-05	1.955244e-03	2.429130e-05
## SPAC644.09	-1.316137e-03	-2.220042e-04	3.752165e-04	-8.376782e-04
## SPAC644.10	-1.836131e-04	8.105860e-05	6.466914e-04	-5.209655e-04
## SPAC644.12	-2.121847e-03	2.485250e-04	2.700292e-03	-1.506995e-03
## SPAC644.13c	-1.776991e-03	1.822962e-04	2.303062e-03	-4.401074e-04
## SPAC644.17c	-1.062598e-03	-6.322892e-04	1.054414e-03	-1.195951e-03
## SPNCRNA.198	-1.968160e-07	9.220934e-06	-6.598695e-06	-8.051190e-06
## SPAC644.18c	-6.563637e-04	-1.202444e-03	7.366968e-04	1.688493e-03
## SPAPB2B4.01c	-3.721325e-04	-1.366296e-04	1.900246e-04	-1.321737e-04

## SPSNORNA.54	3.010604e-03	-3.940317e-03	-6.249057e-03	8.341266e-04
## SPNCRNA.846	-5.367287e-05	-7.590665e-05	3.835688e-04	3.476930e-04
## SPAPB2B4.05	-1.991949e-03	-1.105667e-03	3.381866e-03	4.808578e-04
## SPAPB2B4.06	-6.170070e-04	-1.357921e-04	3.289650e-04	-6.108187e-06
## SPAPB2B4.07	-6.669810e-04	-7.202801e-05	1.352257e-03	9.393369e-05
## SPAC6F6.01	-3.669688e-03	1.042424e-03	3.399556e-03	-1.433261e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-2.164579e-05	5.960078e-06	4.791010e-05	7.461298e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-1.076334e-05	1.940597e-06	4.971207e-05	2.564769e-05
## SPAC6F6.05	-1.262011e-03	-9.314516e-04	2.054662e-03	1.471146e-03
## SPAC6F6.06c	-4.977397e-03	1.526002e-04	6.356044e-03	-6.140187e-03
## SPAC6F6.07c	-2.720829e-02	-3.044428e-02	-1.216647e-02	-1.083250e-02
## SPAC6F6.12	-3.000144e-03	7.673614e-04	-1.023782e-03	-6.980789e-04
## SPNCRNA.850	-7.393628e-05	2.564060e-05	3.289495e-05	1.622386e-04
## SPNCRNA.851	-5.113748e-05	-6.360284e-05	4.167274e-05	-1.011284e-04
## SPAC6F6.19	-2.005082e-04	-5.433292e-05	1.713676e-04	8.141596e-05
## SPAC6F6.15	-2.621388e-03	-2.658974e-04	1.725144e-03	5.482181e-04
## SPAC6F6.16c	-8.547128e-04	-4.367787e-04	2.111435e-03	-9.276303e-04
## SPAC1805.01c	-2.545165e-03	1.853583e-04	1.827219e-03	-1.643733e-03
## SPAC1805.02c	-6.409635e-04	-1.889188e-03	8.611009e-04	-2.038218e-03
## SPAC1805.06c	-2.096070e-03	-3.318509e-03	3.473640e-05	2.045074e-03
## SPNCRNA.853	2.881307e-05	8.681510e-05	1.664149e-04	4.214458e-05
## SPAC1805.07c	-1.013421e-04	-4.501425e-05	2.028095e-04	1.203707e-04
## SPNCRNA.854	4.378816e-05	-7.521306e-05	2.245397e-04	1.145650e-04
## SPAC1805.08	-6.810821e-04	-3.079210e-04	6.678893e-04	8.074056e-05
## SPAC1805.18	-3.008565e-05	-1.209563e-04	5.615933e-04	8.502584e-05
## SPAC1805.09c	-3.428363e-07	-2.063343e-04	4.439699e-04	2.790237e-04
## SPAC1805.10	-4.404494e-04	3.142173e-05	2.037308e-03	2.778807e-04
## SPAC1805.12c	4.872938e-04	-2.065128e-02	-1.227680e-02	-4.652755e-03
## SPAC1805.13	-1.343333e-02	-1.609546e-02	-1.247967e-02	-9.690938e-03
## SPATRNALEU.02	-2.220981e-03	1.073708e-04	-1.267142e-03	-4.798548e-03
## SPAC1B2.02c	-1.332750e-03	-9.939061e-04	2.385819e-03	-9.374276e-04
## SPAC1B2.03c	-6.609173e-03	-1.784209e-02	1.120371e-02	-2.337145e-02
## SPAC1B2.04	-1.659471e-03	-2.539968e-04	9.125019e-04	2.719469e-04
## SPAC1B2.05	-1.627812e-03	-9.591631e-05	1.047136e-03	-2.199362e-03
## SPAC3F10.03	-1.069862e-03	-6.695641e-03	-5.114785e-03	-3.930085e-03
## SPAC3F10.04	-1.582021e-03	1.761622e-04	1.677384e-03	8.497991e-05
## SPAC3F10.06c	-9.184208e-04	-3.447864e-04	1.198362e-03	-3.070819e-04
## SPNCRNA.855	-1.175938e-05	-5.051268e-05	7.933518e-05	-1.075373e-05
## SPAC3F10.09	1.089302e-04	-1.081129e-03	1.150625e-03	-3.306514e-04
## SPAC3F10.11c	-1.080761e-02	8.900953e-04	1.018771e-02	8.506926e-04
## SPATRNNATHR.03	-2.692925e-03	2.209136e-03	1.163610e-03	-5.217775e-03
## SPAC3F10.15c	4.288276e-04	-2.088153e-04	1.453529e-03	1.717485e-03
## SPAC3F10.13	-2.892002e-03	-2.899047e-04	-3.805401e-04	-1.079195e-03
## SPAC3F10.16c	3.335741e-03	-6.226161e-03	4.001324e-03	1.090047e-03
## SPAC3F10.17	1.620366e-03	-1.776102e-03	2.050326e-03	-5.202617e-04
## SPAC3F10.18c	9.722398e-03	-1.461325e-03	4.640026e-03	4.540180e-03
## SPAC8F11.03	-1.814637e-03	2.158561e-04	1.855395e-03	-1.283706e-03
## SPNCRNA.856	9.817949e-05	-9.122812e-05	4.425765e-05	1.964768e-04
## SPAC8F11.04	1.092409e-03	-3.262360e-03	1.421839e-03	-2.889855e-03
## SPAC8F11.08c	6.187553e-03	-4.790207e-03	-6.180699e-03	9.358763e-03
## SPAC8F11.09c	-7.954139e-04	-1.665165e-03	4.987972e-04	-9.776082e-04
## SPNCRNA.857	-1.142486e-04	-8.395607e-04	1.000471e-04	1.916322e-04

## SPACUNK4.17	-6.845083e-02	4.658108e-02	-9.932904e-02	-6.855433e-03
## SPACUNK4.19	-2.313033e-04	1.542600e-04	-3.900847e-04	1.557238e-04
## SPACUNK4.16c	-1.053914e-02	5.662459e-03	2.232556e-03	4.804250e-03
## SPACUNK4.15	-8.578940e-03	3.598095e-03	-7.421090e-03	3.866057e-03
## SPACUNK4.14	-6.521271e-04	-7.055386e-05	3.641227e-04	-4.138750e-04
## SPNCRNA.56	-6.459367e-05	5.628825e-05	1.135052e-04	7.406324e-05
## SPACUNK4.12c	-2.639893e-03	-2.654373e-04	6.152370e-03	3.129665e-03
## SPACUNK4.11c	3.812377e-04	-2.118480e-04	2.974351e-04	-1.899890e-04
## SPACUNK4.20	-9.092244e-05	2.997568e-05	1.603421e-04	1.116513e-04
## SPACUNK4.09	1.282936e-04	1.184559e-04	4.402263e-04	2.204959e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	-2.787424e-03	7.580423e-04	3.941226e-03	-2.303973e-03
## SPAPYUK71.03c	-1.130874e-02	1.958236e-03	1.106030e-02	2.952103e-03
## SPNCRNA.209	5.356458e-05	3.389470e-05	2.849469e-05	5.808293e-07
## SPAC513.04	6.112531e-06	-1.395239e-06	-1.458641e-05	-3.367191e-06
## SPAC513.06c	-4.322071e-03	2.940872e-03	5.221226e-03	6.043749e-03
## SPAC513.07	-1.392289e-02	5.056211e-03	1.369715e-02	1.687027e-02
## SPAC2E1P3.02c	-1.132881e-04	-7.964507e-05	-7.008878e-05	-7.591669e-05
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-2.172222e-05	-3.234300e-05	2.072518e-05	-1.726144e-07
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-1.495368e-03	-2.120968e-03	-2.924555e-03	-3.076672e-03
## SPNCRNA.861	1.328770e-04	-2.129743e-04	-2.049190e-04	-2.092287e-04
## SPNCRNA.862	2.085105e-04	-1.016544e-04	4.292288e-05	-2.847882e-04
## SPNCRNA.863	9.414869e-05	-1.305241e-03	-4.483726e-04	-6.612996e-04
## SPAPB24D3.01	-1.335622e-03	2.456555e-04	1.093892e-03	-7.857039e-04
## SPAPB24D3.02c	-2.400072e-03	6.845619e-04	2.904226e-04	-1.123822e-03
## SPAPB24D3.03	-2.119923e-03	-7.641946e-04	1.345696e-03	-1.079960e-03
## SPAPB24D3.04c	-6.438609e-04	1.206521e-04	-1.610601e-04	-1.663074e-04
## SPAPB24D3.07c	-5.441896e-03	2.000052e-03	1.706513e-02	7.235731e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	-8.600859e-03	5.894834e-03	-1.478737e-02	-8.095620e-03
## SPAPB24D3.10c	-8.206240e-04	5.894398e-04	1.342433e-03	-8.713266e-04
## SPNCRNA.867	-6.093720e-04	2.279761e-04	3.456032e-05	2.391148e-04
## SPNCRNA.868	-1.922662e-05	-1.568125e-06	4.688543e-05	1.084877e-05
## SPNCRNA.869	-1.513384e-05	8.670631e-06	1.427337e-05	-7.835938e-06
## SPAPB1A11.04c	-2.127366e-03	5.687753e-05	1.189372e-03	-2.612088e-03
## SPAC31G5.02	-2.048611e-03	-5.208506e-04	3.029852e-03	2.064390e-03
## SPNCRNA.870	-5.867788e-06	1.296833e-06	-1.254720e-05	6.441546e-06
## SPAC31G5.04	-4.422467e-03	-8.381161e-03	-2.669055e-03	-3.202004e-03
## SPAC31G5.06	-1.870534e-04	1.875635e-04	-1.121248e-04	-1.762236e-04
## SPNCRNA.871	-9.472534e-06	-1.923013e-05	5.284248e-05	3.013585e-05
## SPAC31G5.08	-6.906360e-04	-2.146618e-04	3.150497e-03	-1.040386e-03
## SPNCRNA.71	-3.640587e-06	2.241044e-05	1.478479e-05	-1.508548e-04
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	-3.878045e-04	-4.649082e-05	-2.516627e-04	-2.754152e-04
## SPAC31G5.11	-8.089827e-03	-2.970353e-04	4.803436e-03	-7.527039e-03
## SPAC31G5.21	-5.557920e-04	-1.127188e-05	-3.372089e-04	-6.006448e-05
## SPNCRNA.874	5.019044e-06	-2.714525e-05	-1.031070e-05	9.478736e-05
## SPAC31G5.14	-2.491671e-03	-6.711084e-04	3.043168e-03	2.084325e-04
## SPAC31G5.16c	-1.817556e-03	-2.048850e-03	8.578019e-04	2.270109e-03
## SPAC31G5.18c	-1.378317e-03	6.775386e-04	2.888938e-04	5.437808e-04
## SPAC31G5.19	-1.015435e-03	2.606432e-04	1.725702e-03	-3.411293e-04
## SPNCRNA.876	-7.920790e-05	3.590874e-05	9.628251e-05	-1.960313e-04

## SPNCRNA.877	2.214530e-05	-1.848478e-05	-2.836268e-05	-2.254497e-06
## SPAC1786.02	-1.803582e-03	-1.445108e-03	2.851436e-03	-4.251062e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	-1.331218e-03	-4.371115e-04	2.054656e-03	-1.393167e-03
## SPAC24C9.02c	-1.993163e-04	-4.540139e-04	1.177716e-03	8.353651e-04
## SPAC24C9.04	1.843086e-08	-2.663636e-04	2.089837e-03	8.082091e-04
## SPAC24C9.05c	-1.619444e-03	-1.232266e-03	4.070473e-03	2.031491e-03
## SPAC24C9.07c	-5.438630e-04	-2.378947e-04	3.748100e-04	-9.444362e-04
## SPNCRNA.881	-1.911502e-05	-2.558360e-05	-1.574872e-05	9.382931e-07
## SPNCRNA.882	-4.844558e-06	-2.924888e-06	1.536145e-06	-3.289391e-05
## SPAC24C9.08	-6.877193e-03	2.405837e-04	3.250249e-03	-2.664336e-05
## SPAC24C9.10c	-1.258941e-03	-1.181393e-04	6.733362e-04	6.831594e-06
## SPAC24C9.11	3.984285e-04	-2.114597e-03	3.844439e-03	1.752076e-03
## SPAC24C9.12c	-8.439962e-03	-1.022328e-02	-3.491785e-03	-1.619260e-02
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	-5.240893e-04	2.326903e-04	1.677317e-03	-2.468373e-04
## SPNCRNA.884	-5.884454e-06	9.327531e-06	2.565081e-06	3.353804e-05
## SPATRNALYS.05	-1.045790e-05	2.322934e-04	-1.117808e-05	2.567893e-04
## SPAC16A10.05c	1.399941e-04	-9.318795e-05	4.650424e-04	1.364637e-04
## SPAC16A10.06c	-3.125289e-04	-4.945640e-05	5.358835e-04	-3.122132e-04
## SPAC16A10.07c	-1.629142e-03	-8.949135e-05	1.859753e-03	-1.026249e-03
## SPNCRNA.885	-2.517812e-05	-8.419556e-05	4.187337e-04	-2.779810e-06
## SPAC16A10.08c	-3.741929e-04	1.479813e-05	2.965301e-04	-3.266575e-04
## SPAC589.03c	-1.921547e-04	8.737149e-05	7.264366e-04	-1.500115e-04
## SPAC589.06c	-5.970837e-03	-5.881646e-03	5.730597e-03	6.780539e-03
## SPAC589.08c	-1.266949e-04	-3.339978e-05	1.846356e-04	-7.287529e-05
## SPAC589.11	-1.395012e-05	2.882567e-05	1.380386e-04	-2.837030e-04
## SPAC688.02c	-2.850616e-04	1.627771e-04	3.468561e-04	-3.777387e-04
## SPAC688.06c	-2.191362e-04	6.601779e-05	2.521893e-04	-1.022742e-04
## SPAC688.07c	-3.540161e-03	2.411996e-04	1.002391e-03	-1.805447e-03
## SPAC688.08	-1.722326e-03	6.276003e-04	2.167640e-03	-2.990492e-03
## SPAC688.09	-5.022136e-04	-1.780065e-04	6.793436e-04	7.574650e-04
## SPNCRNA.888	-7.777756e-05	-3.045545e-04	-9.268858e-05	-2.429056e-04
## SPNCRNA.889	-1.527981e-04	-9.627167e-06	2.223458e-04	1.495100e-04
## SPAC688.13	-1.339175e-03	6.381703e-04	-1.124079e-03	-4.382454e-04
## SPNCRNA.890	-2.410433e-05	7.752044e-05	7.099101e-05	-9.451253e-05
## SPAC688.14	1.939615e-04	-2.930485e-04	6.347757e-04	1.167312e-04
## SPAC688.16	1.359042e-04	-7.524783e-04	4.719474e-04	1.226888e-03
## SPNCRNA.891	6.981174e-05	-7.622514e-05	-4.222241e-05	1.995503e-05
## SPAC3G9.15c	-2.516848e-04	-4.802980e-04	4.161795e-05	-5.337319e-04
## SPNCRNA.216	-2.585352e-06	5.220866e-07	-6.546195e-07	4.569198e-06
## SPAC3G9.13c	-6.775495e-04	-5.069967e-04	8.541903e-04	-1.200271e-03
## SPNCRNA.217	3.447853e-06	-2.979180e-05	1.250715e-05	-1.345339e-05
## SPAC3G9.11c	-1.380378e-04	2.694780e-05	1.434909e-04	-6.236382e-05
## SPAC3G9.17	1.772116e-05	-6.939335e-05	1.917118e-04	2.163664e-05
## SPATRNATHR.04	-7.402418e-03	4.021476e-03	-2.709126e-03	-1.813372e-02
## SPNCRNA.218	1.628874e-04	-5.802293e-05	7.090324e-05	1.392010e-04
## SPNCRNA.892	-4.816976e-05	-6.365889e-05	9.753292e-05	1.502539e-04
## SPAC3G9.09c	-1.467934e-03	-1.375147e-02	-1.041604e-02	2.914874e-03
## SPAC3G9.07c	-1.374345e-03	2.569589e-04	1.212416e-03	-6.312786e-04
## SPAC3G9.06	-3.701932e-03	-6.442741e-03	-2.906809e-03	1.103659e-03
## SPAC3G9.03	2.115016e-02	-3.755393e-02	-3.182684e-02	9.020600e-03
## SPAC3G9.01	-8.386487e-05	1.882047e-04	8.983439e-05	-1.689803e-04
## SPAC1486.01	-9.978316e-03	4.011815e-03	1.117966e-02	3.822990e-03

## SPAC1486.05	-1.775075e-02	-2.738513e-03	2.702510e-02	-5.236643e-03
## SPNCRNA.894	-9.303720e-05	-1.741705e-05	1.783629e-04	-1.742036e-04
## SPAC1486.11	-1.887916e-04	1.698190e-04	5.579069e-04	-6.039918e-07
## SPAC1486.07c	-3.801067e-04	-4.730397e-04	5.045890e-04	-9.132780e-04
## SPAC1486.08	-1.751068e-04	-4.798566e-05	1.161512e-03	-1.930649e-04
## SPAC1486.10	-1.167169e-03	-1.788656e-03	2.247827e-03	-2.725798e-03
## SPAC6G10.02c	-4.008677e-03	9.615913e-05	7.381616e-03	-3.349745e-03
## SPAC6G10.03c	-2.481791e-03	1.308825e-04	1.543479e-03	2.250800e-03
## SPAC6G10.04c	-6.504069e-03	-2.248876e-03	1.877855e-03	6.624414e-03
## SPAC6G10.05c	-3.379567e-03	-1.787391e-03	5.810543e-03	-3.408574e-03
## SPNCRNA.896	-3.324734e-05	-3.000203e-04	9.313068e-05	-3.320181e-04
## SPAC6G10.07	-2.602167e-03	-1.451994e-03	2.734542e-03	-3.862461e-03
## SPAC6G10.08	-5.492884e-03	-2.943516e-04	4.591951e-03	-6.951601e-03
## SPAC6G10.09	-3.955415e-03	-4.514460e-03	3.310601e-04	-6.068393e-03
## SPAC6G10.10c	-3.809637e-04	-1.113962e-04	1.274648e-04	3.594473e-05
## SPAC6G9.02c	1.262495e-03	-3.482603e-03	4.193009e-03	-2.646710e-03
## SPAC6G9.03c	-1.781662e-04	-3.234480e-04	8.117394e-04	4.303200e-04
## SPAC6G9.09c	4.715944e-05	-2.114942e-02	-8.743123e-03	-3.713258e-03
## SPAC6G9.12	-2.739892e-03	-8.803881e-04	2.993633e-03	-1.533393e-03
## SPNCRNA.899	4.553959e-05	-4.768198e-05	9.814115e-06	7.759466e-05
## SPAC6G9.15c	-1.066368e-03	4.451281e-04	1.189527e-03	-2.409321e-03
## SPAPB1E7.01c	-1.954831e-04	-3.053598e-04	1.949094e-04	3.831598e-04
## SPAC652.01	-1.398748e-03	3.505063e-06	9.797703e-04	-4.202471e-04
## SPAPB1E7.03	5.869847e-04	4.749580e-05	1.001912e-03	2.324544e-04
## SPAPB1E7.04c	-2.122628e-03	1.098019e-03	3.743019e-03	-2.110352e-02
## SPAPB1E7.06c	9.244801e-05	-2.297437e-05	4.667479e-04	1.888954e-04
## SPNCRNA.900	1.700315e-05	-1.065807e-04	4.736460e-05	5.639385e-05
## SPAPB1E7.07	-1.880384e-02	-4.227867e-02	-2.457960e-02	-1.586663e-02
## SPNCRNA.901	2.228219e-06	4.903329e-05	9.365645e-07	-3.472818e-05
## SPSNORNA.43	-8.184433e-07	-5.307925e-07	3.539644e-06	4.498143e-06
## SPAPB1E7.10	-3.608271e-05	-1.335556e-05	2.807954e-04	-3.738545e-04
## SPAC2E1P5.01c	-1.710168e-03	-2.613868e-04	2.000547e-03	-2.892031e-03
## SPAC2E1P5.03	-3.035231e-04	-1.651751e-03	-6.653769e-05	-7.019332e-04
## SPAC2E1P5.05	1.064510e-03	-4.396731e-03	4.943764e-03	-4.415603e-04
## SPAC26A3.02	-1.964472e-03	9.694573e-04	3.228639e-03	-2.460219e-03
## SPAC26A3.05	-1.999739e-02	-1.921651e-02	1.773832e-02	4.771252e-03
## SPAC26A3.08	-9.672983e-04	-2.481890e-03	1.285641e-03	6.253485e-04
## SPAC26A3.09c	-1.363954e-03	1.110319e-04	2.471684e-03	-1.921390e-03
## SPAC26A3.10	-5.267605e-03	-1.746396e-04	7.918152e-03	-6.133695e-04
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	-1.674766e-03	-1.287986e-04	2.414822e-03	-2.582600e-03
## SPAC8E11.12	-3.405710e-05	-3.404850e-06	1.264310e-05	-6.574044e-08
## SPNCRNA.903	2.843189e-05	-9.821366e-05	9.749857e-05	-1.608123e-04
## SPAC8E11.08c	-1.058978e-04	-8.798407e-05	2.169898e-04	1.078958e-04
## SPAC8E11.06	4.491637e-05	4.224905e-05	3.036224e-05	-4.720142e-05
## SPAC8E11.04c	-1.122789e-03	-7.189261e-04	5.953004e-04	1.325988e-03
## SPNCRNA.904	-5.250394e-04	1.310188e-04	4.417091e-05	-1.656435e-04
## SPAC8E11.03c	-4.054462e-06	2.201948e-05	2.398722e-05	-2.564041e-06
## SPAC8E11.02c	-1.025566e-02	-4.898790e-03	5.179770e-03	-1.497595e-03
## SPAC959.02	-2.448649e-03	-7.687557e-04	2.475299e-03	5.057961e-04
## SPAC959.03c	-8.485154e-04	-1.904371e-03	1.446170e-03	-1.228828e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	1.682333e-04	-2.282665e-04	-4.883576e-05	1.092603e-04
## SPAC959.05c	-3.413690e-04	-1.224641e-04	1.320911e-03	-1.028165e-04

## SPAC959.07	-3.762432e-03	-3.182887e-02	-2.044789e-02	-1.848054e-02
## SPAC959.09c	-8.510981e-04	8.146538e-05	8.282118e-04	-4.834536e-04
## SPAP32A8.02	-4.000859e-03	1.927776e-03	-4.098019e-03	-1.584512e-04
## SPAP32A8.03c	-3.668410e-04	1.260801e-04	1.356859e-03	-2.060429e-04
## SPAC3H5.10	2.678685e-02	-4.070557e-02	-3.300233e-02	4.179560e-02
## SPAC3H5.08c	-1.622800e-03	4.568314e-04	1.169602e-03	-6.397153e-04
## SPAC3H5.06c	-9.065446e-04	3.674722e-04	3.919759e-03	-2.892998e-03
## SPAC3A11.13	-3.386434e-04	-2.106351e-05	4.871838e-04	-1.066333e-03
## SPAC3A11.12c	-7.301418e-03	-6.540031e-04	5.017283e-03	-4.391801e-04
## SPAC3A11.10c	-5.364643e-03	1.128316e-03	1.963985e-04	1.094654e-03
## SPAC3A11.09	-4.068688e-03	-2.153394e-04	3.573893e-04	9.580254e-04
## SPNCRNA.909	-2.519994e-04	6.099761e-05	-1.012811e-03	4.056922e-05
## SPNCRNA.910	-2.927250e-05	2.311130e-05	-1.052248e-04	7.719384e-05
## SPAC3A11.05c	-3.873470e-04	1.602021e-04	-9.646008e-05	-4.918150e-04
## SPAC3A11.04	-2.476130e-04	1.863696e-05	4.655026e-05	-5.975919e-05
## SPAC3A11.03	-1.186252e-04	-4.012547e-04	4.670563e-04	-5.282058e-04
## SPAC3A11.02	-2.858307e-03	2.051924e-04	1.658439e-03	-1.151235e-03
## SPAC328.04	-3.411605e-03	2.206612e-03	-4.472846e-03	-3.004052e-03
## SPAC328.05	-4.193456e-04	-4.647063e-04	6.233324e-04	1.938259e-04
## SPAC328.06	-5.025933e-03	-1.456412e-04	1.629597e-04	-4.437240e-03
## SPAC328.08c	-6.974710e-05	-1.084735e-04	2.176186e-04	2.269191e-04
## SPAC328.10c	-5.728697e-03	-2.369358e-02	-2.054954e-02	1.142097e-02
## SPNCRNA.222	-8.250190e-07	3.313230e-06	-1.112565e-05	-1.568594e-05
## SPAC16E8.02	-3.715620e-04	-8.435043e-05	4.216989e-04	8.395323e-05
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	-1.985711e-05	-4.047439e-05	-3.328457e-06	-7.116626e-05
## SPAC16E8.06c	2.854678e-03	-4.499904e-03	3.531710e-03	4.360325e-03
## SPAC16E8.07c	-7.686599e-03	-5.307162e-03	4.960909e-03	1.441968e-03
## SPAC16E8.09	-1.693422e-03	7.922741e-05	2.256896e-03	-1.402004e-03
## SPAC16E8.13	-5.100077e-04	4.308178e-04	-8.983887e-04	7.538309e-04
## SPAC16E8.15	2.488959e-03	-5.758825e-03	-1.964647e-03	-8.330882e-04
## SPAC16E8.18c	-3.846373e-04	-5.595543e-05	5.251471e-04	-5.809508e-05
## SPAC1B1.01	-6.025569e-04	-9.965034e-05	4.901535e-04	-4.413382e-04
## SPNCRNA.915	-3.039160e-05	3.414020e-05	1.421926e-05	-7.118775e-05
## SPAC17A2.01	-3.667075e-04	-4.315341e-04	-3.757184e-06	-7.511887e-04
## SPAC17A2.02c	-4.645459e-03	-5.909073e-03	-2.606686e-04	7.165543e-04
## SPAC17A2.04c	2.364862e-04	-8.352516e-04	1.088396e-03	2.177013e-03
## SPNCRNA.124	1.702933e-06	-1.421318e-06	-2.904360e-06	4.010828e-06
## SPATRNPATRP.01	-1.680434e-05	2.200860e-05	1.022863e-04	2.317859e-05
## SPAC17A2.05	-2.709967e-03	-8.035341e-04	5.395676e-03	9.978525e-04
## SPAC17A2.06c	-3.459987e-03	6.521220e-04	2.936386e-03	-2.319041e-03
## SPAC17A2.07c	-1.915985e-04	1.448356e-04	6.409675e-05	8.562246e-05
## SPAC17A2.08c	1.785278e-04	-5.297851e-05	4.055114e-04	1.405665e-04
## SPAC17A2.09c	-5.206879e-03	2.394720e-03	1.054028e-03	-4.230873e-03
## SPAC17A2.10c	-3.277388e-05	4.893075e-05	8.736621e-05	-1.843369e-04
## SPAC17A2.11	2.060329e-06	8.964399e-06	-1.170108e-05	-3.114647e-05
## SPNCRNA.920	-3.276230e-04	2.091381e-04	4.583919e-04	-1.067351e-04
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	-1.615127e-03	7.823957e-04	-7.930533e-04	-1.010589e-04
## SPATRNPATRP.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	-1.894222e-03	1.799253e-06	3.619177e-03	-2.995572e-04
## SPAC17G6.05c	-1.743251e-03	1.045957e-04	1.702514e-03	3.427117e-04
## SPAC17G6.06	3.099196e-02	-2.133244e-02	-1.504129e-02	2.140799e-02

## SPAC17G6.08	-7.013988e-04	4.669010e-04	7.533873e-04	-9.689358e-04
## SPAC17G6.10	-2.300274e-03	-3.878215e-04	2.748948e-03	5.136893e-04
## SPAC17G6.11c	-8.318933e-03	-1.485296e-03	6.436440e-03	1.343181e-03
## SPNCRNA.921	-8.498330e-06	1.430812e-05	-2.061356e-05	-7.964875e-06
## SPAC17G6.13	-1.000348e-02	2.030668e-03	1.555527e-02	1.571208e-02
## SPAC17G6.14c	-1.052503e-02	-8.300809e-03	2.686194e-03	2.309945e-03
## SPAC17G6.15c	-4.282219e-04	-4.452520e-04	9.205810e-04	-1.034292e-03
## SPAC17G6.16c	-3.236336e-03	-6.676364e-04	3.800360e-03	1.659419e-04
## SPAC17G6.17	-7.876247e-04	4.586907e-04	1.577144e-03	-5.477333e-04
## SPAC1142.01	-2.933778e-03	-1.903866e-04	2.512455e-03	1.408970e-05
## SPAC1142.02c	-4.096370e-03	-2.806789e-03	4.778441e-04	4.361316e-03
## SPAC1142.04	3.324478e-03	-6.657072e-03	1.714585e-03	1.157818e-03
## SPNCRNA.923	-3.682644e-05	3.917588e-05	3.489035e-05	-2.986293e-05
## SPAC1142.05	-6.142350e-04	-3.533711e-03	-8.065233e-04	-3.149711e-03
## SPAC1142.06	-3.760501e-03	-2.335513e-03	7.503096e-05	-1.483830e-03
## SPAC1142.07c	-6.685828e-04	7.490839e-05	1.391267e-03	4.600036e-04
## SPAC1142.08	-4.209556e-04	1.211848e-04	-2.837189e-04	-1.485332e-04
## SPAC1142.09	-7.619116e-06	-1.727438e-06	1.457776e-05	4.343140e-06
## SPNCRNA.925	-2.052944e-04	-2.240525e-04	1.549811e-04	6.189803e-05
## SPAC8C9.04	-5.142746e-03	1.138196e-03	3.082395e-03	-1.880197e-04
## SPAC8C9.07	1.493926e-03	-9.067333e-04	1.545746e-03	2.322278e-03
## SPAC8C9.08	-1.613650e-02	-3.123732e-02	-2.265877e-02	5.016436e-03
## SPAC8C9.09c	-9.846498e-04	3.413506e-04	5.380464e-04	-7.293361e-04
## SPAC8C9.11	-1.790888e-04	-1.906464e-04	1.268134e-04	-3.029058e-04
## SPNCRNA.228	-1.189350e-04	-2.144242e-04	2.600576e-04	-7.505458e-05
## SPAC8C9.19	-1.135962e-04	-6.273898e-05	1.517765e-04	-1.576765e-04
## SPAC8C9.12c	-8.095052e-04	-1.423023e-03	1.127266e-03	-2.950780e-03
## SPAC8C9.14	-5.954349e-03	-8.288299e-04	-9.046301e-04	-4.928521e-04
## SPAC8C9.15c	-5.080403e-04	-2.913654e-03	1.381731e-03	3.237644e-04
## SPNCRNA.926	-3.398779e-04	1.598775e-04	1.095539e-03	6.060239e-04
## SPAC15A10.17	-1.956228e-04	-3.268124e-05	1.025752e-04	2.115275e-04
## SPAC15A10.06	-1.731350e-03	-2.085931e-04	1.735891e-03	-5.611566e-04
## SPNCRNA.927	-2.736332e-05	-1.116000e-05	2.926564e-05	-7.043340e-06
## SPAC15A10.08	-2.069023e-03	-4.818477e-04	3.331481e-03	-7.852912e-05
## SPAC15A10.09c	-1.859029e-03	2.371829e-04	2.103049e-03	-1.380757e-03
## SPNCRNA.928	2.557618e-06	-5.437397e-05	5.333730e-06	4.263359e-06
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	-3.989797e-03	3.726010e-04	1.768616e-03	2.151772e-03
## SPAC15A10.11	-4.800759e-03	-1.630543e-04	5.542943e-03	-5.295088e-03
## SPAC15A10.12c	-3.516657e-04	-2.653623e-05	7.611012e-04	-9.471121e-05
## SPAC15A10.13	-1.316627e-03	1.477573e-04	1.698188e-03	-1.601526e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-3.097201e-04	1.631107e-04	2.061771e-04	-2.931486e-04
## SPAC15E1.03	-6.322173e-03	-3.074973e-02	-2.465946e-02	-2.564332e-03
## SPAC15E1.05c	-9.109049e-04	-5.788086e-04	1.033363e-03	2.580573e-04
## SPAC15E1.09	-3.947750e-04	2.299358e-04	6.108659e-04	-6.747382e-04
## SPAC15E1.10	-6.190639e-04	4.015006e-04	4.571124e-04	3.991934e-04
## SPNCRNA.932	-4.161846e-05	6.484277e-05	1.044390e-04	3.089514e-05
## SPAP7G5.02c	3.425654e-04	-2.554479e-02	-1.869583e-02	-1.364338e-02
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	-6.072264e-03	-1.117022e-02	-4.963608e-03	-4.869142e-04
## SPNCRNA.934	-2.109334e-04	-2.868961e-04	-4.480770e-04	-6.240430e-04
## SPNCRNA.935	-1.524703e-03	1.755458e-04	-4.689979e-04	4.835087e-04
## SPNCRNA.84	-4.973351e-06	1.825470e-06	-3.551740e-06	1.356216e-05

## SPNCRNA.230	1.789924e-06	5.440940e-06	-3.031348e-06	-1.295680e-05
## SPNCRNA.231	-8.846586e-07	1.147633e-05	1.393225e-05	-9.602755e-07
## SPNCRNA.232	4.601851e-06	7.772063e-08	-1.479048e-06	-4.376189e-06
## SPATRNAILE.03	-9.266395e-06	-2.320094e-05	6.021622e-05	-1.589307e-04
## SPNCRNA.233	-3.385910e-07	-5.191793e-08	-7.565647e-07	2.315532e-06
## SPATRNAGLU.04	-6.513878e-03	-8.708386e-04	-2.618762e-03	4.335899e-03
## SPATRNAALA.05	-1.223248e-04	1.062609e-04	3.541847e-04	4.713986e-04
## SPNCRNA.234	-7.125040e-06	1.978317e-06	3.735045e-06	1.535693e-05
## SPAC1556.01c	-1.304144e-03	-1.469098e-04	2.168929e-03	-9.369681e-04
## SPAC1556.03	-2.746266e-03	1.358888e-04	2.030547e-03	-4.743972e-04
## SPAC1556.04c	-1.441045e-05	1.250426e-04	3.067525e-04	4.194030e-04
## SPAC1556.05c	-1.035407e-04	-2.804544e-05	5.118790e-04	-4.525282e-05
## SPAC1F12.02c	1.015383e-01	-1.012403e-01	-9.742442e-02	5.543947e-02
## SPAC1F12.03c	-6.887583e-05	-8.666802e-05	3.475345e-04	-3.004545e-04
## SPAC1F12.04c	-5.625208e-04	-1.752122e-04	3.359285e-04	-9.388672e-04
## SPAC1F12.05	-1.685518e-03	-7.653024e-05	1.367809e-03	-1.451521e-03
## SPAC1F12.07	-3.823393e-03	-2.286473e-03	1.730030e-03	-3.175073e-03
## SPNCRNA.937	-2.319053e-04	2.824950e-05	3.886431e-04	-4.168835e-04
## SPAC4H3.01	3.703289e-04	-2.422940e-03	8.406981e-04	-3.031410e-04
## SPAC4H3.03c	-8.085980e-03	4.860487e-03	-8.007326e-04	5.335240e-03
## SPAC4H3.06	1.103301e-04	-4.008310e-04	1.583764e-04	-3.216480e-04
## SPAC4H3.09	-1.005021e-03	-2.192817e-04	4.960473e-05	-1.234022e-03
## SPNCRNA.941	-8.505580e-06	-1.200308e-05	-1.663099e-05	-2.106174e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	3.785750e-06	-4.541689e-06	2.148754e-05	-6.209433e-05
## SPNCRNA.942	-3.066607e-04	3.610237e-05	7.965974e-05	1.595411e-03
## SPAC4H3.12c	-7.383375e-05	1.351434e-05	-4.934054e-06	-9.163435e-05
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	-2.227260e-03	-1.090241e-03	3.768639e-03	2.997207e-04
## SPAC1071.02	-2.964736e-03	-9.643354e-04	4.300852e-03	9.807602e-05
## SPAC1071.03c	-1.974250e-04	-7.642948e-04	1.407319e-03	3.816498e-04
## SPNCRNA.237	5.056105e-06	2.334918e-05	1.471534e-05	-5.413955e-05
## SPNCRNA.943	-2.636399e-05	-3.258694e-05	1.573927e-05	-1.245021e-04
## SPAC1071.05	-2.147571e-03	-1.529365e-03	2.856965e-03	-1.795853e-03
## SPAC1071.06	-9.225100e-04	-4.103933e-04	1.335031e-03	-5.015914e-04
## SPAC1071.08	-1.285280e-03	-7.884372e-03	-4.296093e-03	-5.560098e-03
## SPAC1071.10c	-2.092169e-02	-4.287136e-02	7.029521e-03	-1.112503e-01
## SPNCRNA.93	-6.889587e-06	4.479969e-07	-1.966327e-05	-1.070116e-05
## SPAC1071.13	-2.508242e-04	8.099445e-05	1.543653e-04	-6.207412e-04
## SPNCRNA.945	-6.912210e-05	-3.618672e-05	-5.952495e-05	-3.175434e-05
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	4.304076e-06	-7.612194e-04	-6.007976e-04	-8.491120e-04
## SPAC926.02	-5.298363e-04	-1.142722e-04	1.199122e-03	-2.715510e-04
## SPNCRNA.946	-1.537385e-04	-6.420684e-04	4.631407e-05	-2.217953e-04
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	-4.705927e-04	1.071674e-04	4.074722e-04	-7.826572e-04
## SPAC926.04c	-1.461016e-01	-1.471106e-01	1.117758e-01	1.487754e-01
## SPRRNA.18	-1.100375e-02	-2.613126e-03	1.168943e-02	-8.788963e-03
## SPAC926.05c	-2.597090e-04	-1.680288e-04	9.389946e-04	8.399340e-05
## SPAC926.09c	-5.599182e-02	-6.578495e-02	-4.371633e-02	-9.190224e-03
## SPAC323.01c	-7.009776e-04	-5.580835e-04	8.399368e-04	-1.111787e-03
## SPNCRNA.948	-3.132923e-05	-3.017661e-05	8.324137e-05	6.847460e-05
## SPAC323.06c	-3.189128e-04	1.234251e-04	7.958622e-04	-4.873941e-04
## SPAC323.07c	-3.062622e-03	-4.194263e-04	3.650411e-03	-4.192281e-04

## SPAC2F3.02	-1.381031e-03	-6.893359e-04	1.799836e-03	-2.998024e-04
## SPAC2F3.03c	5.636966e-04	-4.270059e-03	1.817451e-03	-1.508487e-03
## SPAC2F3.04c	-6.043106e-04	-9.378530e-04	8.985919e-04	4.000286e-04
## SPAC2F3.05c	-7.585188e-03	3.911674e-03	-3.442938e-03	1.961503e-03
## SPAC2F3.06c	-5.156544e-03	-4.859510e-03	6.682189e-03	-1.551337e-03
## SPAC2F3.08	-2.712116e-03	9.452796e-04	-4.064125e-03	-8.972479e-04
## SPNCRNA.949	-1.496799e-04	-5.146360e-04	1.959561e-04	-2.541730e-04
## SPNCRNA.950	-1.033172e-05	-3.473163e-06	2.477388e-07	9.277581e-07
## SPAC2F3.18c	2.495185e-04	-7.072068e-04	1.564623e-03	1.812349e-04
## SPAC2F3.11	4.051388e-05	-3.296125e-04	6.928819e-04	1.636610e-03
## SPNCRNA.240	-2.514338e-05	6.650326e-08	-1.392849e-05	-7.806992e-06
## SPAC11G7.01	-4.097091e-03	1.178601e-04	1.773919e-03	-1.614963e-03
## SPAC11G7.02	-4.413316e-03	-1.927094e-03	2.099410e-03	-1.665078e-03
## SPAC11G7.03	-6.339439e-03	8.410166e-04	8.380034e-03	5.872376e-03
## SPAC11G7.04	-3.843041e-03	-6.595365e-03	-4.053000e-03	-4.279478e-03
## SPAPB18E9.01	1.305294e-04	-7.414382e-04	7.428599e-04	-1.220156e-03
## SPAPB18E9.05c	-6.739164e-04	6.823396e-04	1.625475e-03	-9.875391e-04
## SPAPB15E9.01c	-9.222144e-03	9.147930e-03	1.066444e-02	-2.769903e-02
## SPAPB15E9.02c	-1.896986e-04	-1.994304e-04	-1.761912e-05	-9.620019e-04
## SPAC27E2.02	-4.987090e-04	5.791205e-06	1.030091e-03	-1.094658e-03
## SPNCRNA.53	-1.074728e-06	-2.274201e-07	1.083105e-06	2.333761e-06
## SPAC27E2.14	1.184541e-04	-1.574066e-04	2.150712e-04	-1.939131e-04
## SPAC27E2.05	-1.150413e-03	-4.539237e-04	1.031824e-03	-9.828145e-04
## SPAC27E2.09	-2.575535e-03	1.205176e-05	4.303905e-03	-3.297605e-03
## SPAC27E2.10c	-3.481651e-04	-7.376274e-04	9.609854e-04	-3.993960e-04
## SPAPJ698.03c	-3.715582e-03	-8.843412e-04	5.215765e-03	-2.079670e-03
## SPAC19G12.02c	-1.085797e-03	-3.240018e-04	9.316312e-04	-5.594562e-04
## SPAC19G12.04	-3.044884e-04	-5.435547e-05	2.915129e-04	-4.488032e-05
## SPAC19G12.06c	-5.000600e-03	-1.444630e-03	-1.702084e-02	-1.476946e-02
## SPAC19G12.07c	-8.805889e-04	-2.342724e-04	1.408783e-03	-1.513202e-03
## SPAC19G12.08	-1.404396e-03	-1.029561e-04	1.908925e-03	-2.180827e-03
## SPATRNALEU.04	-2.248210e-02	1.525641e-02	1.623859e-02	7.262051e-03
## SPAC19G12.09	-1.119008e-02	7.012710e-03	1.251517e-04	4.314780e-03
## SPAC19G12.13c	-4.870294e-04	-2.145741e-04	1.607217e-03	3.707528e-04
## SPAC19G12.14	-1.334541e-03	4.578739e-04	1.177680e-03	-1.192142e-03
## SPAC23A1.07	-5.429510e-04	-2.444468e-04	7.584587e-04	-9.708780e-04
## SPAC23A1.08c	-1.781770e-02	-3.504569e-02	-3.285192e-02	3.971688e-03
## SPAC23A1.10	-3.834666e-02	-5.847028e-02	-3.558511e-02	-5.141984e-02
## SPAC23A1.15c	-1.307959e-03	6.416556e-04	-1.901929e-04	-1.105480e-05
## SPAC23A1.16c	-2.045498e-04	9.785762e-05	1.246632e-05	9.522351e-05
## SPNCRNA.341	-1.767594e-06	1.261584e-07	-3.947546e-06	1.293472e-05
## SPAC26H5.04	-4.061596e-03	2.080382e-03	-2.255916e-03	-2.682626e-03
## SPNCRNA.961	2.625974e-05	-3.770347e-05	9.371969e-05	6.008412e-05
## SPAC26H5.07c	-6.429406e-03	-3.220316e-03	6.172513e-03	-1.736864e-03
## SPAC26H5.08c	-8.401130e-03	2.417126e-03	2.515181e-03	1.009737e-03
## SPNCRNA.962	8.462341e-07	9.679574e-07	-3.121578e-07	-3.755088e-06
## SPNCRNA.306	-2.597376e-06	2.149351e-06	-3.203424e-06	-2.325750e-06
## SPAC26H5.09c	-9.549913e-03	-6.274490e-05	4.496278e-03	3.361987e-03
## SPAC26H5.10c	-4.587224e-03	-4.252245e-02	-7.753229e-02	-5.007991e-02
## SPNCRNA.964	-9.609961e-05	-8.923860e-05	1.807166e-05	1.001980e-05
## SPNCRNA.965	-5.795937e-06	-2.375141e-05	1.314618e-04	-1.221994e-04
## SPNCRNA.242	5.882896e-02	-2.757822e-02	-3.492653e-02	1.116639e-01
## SPSNORNA.13	2.383142e-02	-4.118860e-02	-5.784955e-02	6.599975e-02
## SPAC25B8.02	-1.355398e-04	-3.698501e-05	3.678182e-04	2.999829e-05

## SPAC25B8.03	-2.286345e-03	6.106364e-04	4.858009e-03	1.260734e-03
## SPAC25B8.04c	-4.483556e-04	1.966132e-04	1.518941e-04	1.002610e-04
## SPAC25B8.05	-2.896930e-04	-5.187955e-04	9.580822e-04	-5.558234e-04
## SPAC25B8.07c	-1.232581e-03	-2.857376e-04	1.962204e-03	1.089119e-04
## SPAC25B8.20	-9.377000e-05	5.401966e-05	2.326368e-05	6.527864e-07
## SPNCRNA.967	-1.014527e-04	3.259045e-05	1.663246e-04	-1.297998e-05
## SPAC25B8.10	-2.223942e-03	-3.010322e-04	3.572856e-03	1.158467e-03
## SPAC25B8.11	-4.662629e-03	-9.952673e-05	4.589428e-03	1.396898e-03
## SPNCRNA.968	-4.897375e-04	-8.099116e-06	-5.328784e-04	-6.041911e-04
## SPAC25B8.13c	-6.679500e-03	2.948506e-03	-7.312504e-03	-4.830736e-03
## SPRRNA.19	-4.460406e-04	2.957498e-04	3.176654e-04	-1.451544e-04
## SPAC25B8.14	-4.199517e-04	1.413263e-04	1.060347e-03	-3.151431e-04
## SPAC25B8.15c	6.976949e-05	-1.575276e-04	6.470430e-04	1.028810e-04
## SPAC25B8.16	-9.283958e-04	-8.703465e-05	5.583990e-04	-7.499337e-04
## SPNCRNA.970	-3.964778e-05	1.109866e-04	1.345169e-04	-5.072083e-04
## SPNCRNA.971	-1.220371e-04	-1.108376e-04	1.784177e-04	-1.752625e-05
## SPAC694.03	-3.419257e-04	1.293253e-04	9.287203e-04	-4.027845e-04
## SPAC694.04c	2.311118e-05	-2.145294e-03	-2.176518e-03	1.330039e-04
## SPNCRNA.972	-3.373975e-04	1.522635e-04	3.415393e-04	-6.340140e-05
## SPAC1F7.02c	2.564664e-03	-6.615204e-03	3.101638e-03	-2.611020e-03
## SPAC1F7.03	-7.345178e-03	1.705943e-03	1.579646e-03	-3.043937e-03
## SPAC1F7.06	-1.069962e-05	1.616001e-05	3.653775e-05	3.002897e-05
## SPAC1F7.07c	4.647943e-04	-3.764947e-03	-1.730518e-03	-4.509299e-03
## SPSNORNA.14	7.421236e-07	-1.440946e-07	-1.832902e-06	3.121408e-06
## SPRRNA.20	-1.006207e-02	1.875118e-03	8.151441e-03	-1.680602e-02
## SPAC1F7.10	-4.475185e-04	-7.915786e-04	8.206293e-04	4.215355e-04
## SPAC1F7.11c	-1.547648e-03	-4.624916e-04	7.212887e-04	-1.903434e-03
## SPAC1F7.12	-6.344605e-03	2.257447e-03	1.298544e-02	6.534205e-03
## SPAC21E11.03c	-1.268392e-03	4.102255e-04	-4.608970e-03	8.918479e-04
## SPAC21E11.05c	-6.860378e-04	1.477896e-04	7.744421e-04	-1.164264e-03
## SPAC21E11.08	-1.291840e-03	-7.826659e-04	1.226207e-03	-1.046683e-03
## SPATRNASER.03	-7.735944e-05	-1.834498e-04	-5.033871e-04	2.907412e-03
## SPATRNAMET.03	-1.983499e-04	-1.804816e-04	3.619185e-04	3.447452e-05
## SPAC2C4.05	-2.827719e-03	-1.561552e-03	3.038263e-03	1.284683e-04
## SPAC2C4.06c	-4.841426e-05	-7.696235e-04	1.349713e-03	-3.979243e-04
## SPAC2C4.08	-1.727668e-04	-3.417840e-05	1.644268e-04	-1.773072e-04
## SPAC2C4.11c	1.265048e-03	-2.750443e-03	1.727246e-03	2.615680e-04
## SPAC2C4.12c	-7.621985e-04	-5.842727e-04	1.405011e-03	-9.637025e-04
## SPAC2C4.14c	-1.368218e-03	-8.211732e-04	3.468781e-03	1.510606e-03
## SPAC2C4.15c	-2.356377e-03	7.034060e-04	-1.530293e-04	-1.006485e-03
## SPAC2C4.16c	-4.704611e-03	-6.903104e-02	-6.173951e-02	5.334160e-02
## SPNCRNA.974	1.147967e-04	-1.350517e-04	-6.605482e-04	7.604203e-04
## SPNCRNA.975	-5.909089e-05	-3.841688e-05	-6.643624e-05	4.766857e-05
## SPNCRNA.976	-8.013789e-05	1.094362e-05	-1.471082e-04	-7.336657e-05
## SPAC25G10.01	-1.902655e-03	-6.703576e-04	1.339364e-03	-3.187248e-04
## SPAC25G10.05c	-3.367620e-03	-1.047059e-02	3.640466e-04	-4.133082e-03
## SPAC25G10.06	1.182932e-02	-1.707216e-02	-1.491211e-02	6.716377e-03
## SPAC25G10.07c	-1.130063e-03	3.911104e-04	4.339338e-04	-1.185558e-03
## SPAC25G10.09c	-2.903627e-03	2.166738e-03	5.495356e-03	-1.677843e-03
## SPAC27F1.02c	-2.037850e-03	-1.905309e-03	4.438028e-03	3.725020e-03
## SPAC27F1.03c	-4.404018e-04	-1.085239e-04	9.744709e-04	-1.556437e-04
## SPAC27F1.04c	-2.860927e-04	2.806269e-04	8.274598e-04	2.864737e-04
## SPAC27F1.07	-6.730227e-03	-2.590761e-03	6.364717e-03	-1.794972e-03
## SPAC27F1.08	-2.089341e-03	-2.198699e-04	-1.304787e-04	-1.303122e-03

## SPAC27F1.09c	-6.080811e-03	4.162205e-05	1.522523e-03	-1.530173e-03
## SPAC23D3.01	-8.996120e-04	-2.477333e-04	7.505226e-04	-1.773699e-03
## SPAC23D3.02	-9.553667e-04	-3.728277e-04	1.619012e-03	-1.643212e-04
## SPAC23D3.03c	-3.183067e-03	-8.326968e-04	5.728054e-03	-6.330768e-04
## SPNCRNA.979	-8.616630e-04	-5.813682e-04	6.249142e-04	-3.585946e-04
## SPAC23D3.08	-6.361827e-04	-1.240033e-03	1.452754e-03	-2.948035e-04
## SPAC23D3.11	-2.521378e-03	2.330422e-03	1.481283e-03	-6.527552e-04
## SPNCRNA.980	7.916824e-05	-9.373174e-05	-2.619888e-05	-8.265349e-05
## SPAC23D3.17	-1.321859e-04	7.332851e-05	5.069696e-04	-2.907597e-04
## SPNCRNA.981	-7.218103e-05	-4.688534e-05	7.155175e-05	-1.027041e-04
## SPAC30.01c	-1.708803e-03	-5.217776e-04	8.203494e-03	-2.328055e-03
## SPAC30.02c	-1.837502e-05	-1.438329e-04	7.440914e-04	-9.207232e-04
## SPAC30.04c	-4.856243e-03	-8.440550e-04	6.679057e-03	-6.035218e-03
## SPAC29E6.01	-1.846621e-03	1.864700e-04	6.616694e-04	-1.275741e-03
## SPAC29E6.03c	-2.026821e-03	8.141759e-05	3.814158e-03	-1.893575e-03
## SPAC29E6.05c	-5.721441e-04	2.632825e-04	1.034941e-03	3.836095e-04
## SPAC29E6.04	-2.940192e-04	7.863406e-05	1.011100e-03	-5.214515e-04
## SPAC29E6.07	-6.065967e-05	2.924790e-05	1.188435e-05	3.174774e-06
## SPAC29E6.08	-2.668697e-03	-3.697208e-03	-1.592136e-02	-3.421032e-04
## SPAC16.01	-8.051906e-04	3.890519e-04	3.584606e-04	-1.161847e-03
## SPNCRNA.986	3.060921e-05	-7.227776e-05	3.503891e-05	8.239099e-05
## SPAC16.03c	-1.235376e-03	-1.015648e-03	7.993839e-04	-5.204023e-05
## SPAC16.05c	-1.092175e-03	-3.640966e-03	-1.775701e-03	-3.010942e-03
## SPAC9E9.01	-1.098888e-05	3.991820e-06	-2.720505e-06	-6.643936e-05
## SPAC9E9.17c	-5.325843e-06	-6.429255e-06	-1.293438e-05	4.102665e-06
## SPNCRNA.987	-1.785956e-05	-2.365043e-06	-4.271281e-05	1.119459e-05
## SPNCRNA.12	-3.600525e-06	2.658731e-06	-6.695145e-06	-4.427940e-06
## SPAC9E9.03	-2.062457e-02	-2.156473e-02	1.236179e-02	-1.099118e-02
## SPAC9E9.04	-2.916587e-03	2.210266e-03	-3.752048e-04	4.538752e-04
## SPAC9E9.09c	-5.342820e-02	-3.170376e-04	-7.073001e-02	-5.163828e-02
## SPNCRNA.989	-6.318045e-05	6.026910e-05	-3.079695e-04	-1.431788e-04
## SPAC9E9.15	-1.254863e-03	8.586741e-04	-1.381405e-03	4.057912e-04
## SPNCRNA.311	5.757102e-06	-1.889763e-05	-1.785139e-05	-8.146452e-06
## SPNCRNA.991	-5.476323e-05	-4.657637e-05	6.815029e-05	1.601849e-05
## SPAC17C9.14	2.200226e-05	1.686491e-04	-1.082613e-04	-7.770720e-05
## SPAC17C9.10	-1.279455e-03	-1.799210e-04	1.727143e-03	7.066742e-05
## SPAC17C9.07	-9.944772e-04	-3.738002e-04	2.988206e-04	-5.597421e-04
## SPAC17C9.05c	-5.727015e-04	5.287737e-05	2.239228e-04	-1.091315e-04
## SPAC17C9.01c	-6.553164e-04	-5.429010e-04	8.675372e-04	-3.765608e-04
## SPAC1851.04c	-1.211931e-03	4.609780e-05	1.850575e-03	-7.487341e-04
## SPAC27D7.02c	-5.785716e-04	3.986398e-04	7.890695e-04	-7.171977e-04
## SPNCRNA.993	-8.750819e-06	-1.492718e-05	-2.223981e-05	3.740809e-05
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-1.585402e-03	-2.568192e-03	1.259702e-03	1.444877e-03
## SPNCRNA.995	-2.520360e-04	2.177276e-04	-1.276274e-04	-1.707015e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	-1.490358e-04	7.718618e-06	-3.378394e-04	1.814186e-04
## SPAC637.03	-1.116167e-02	6.097950e-03	-1.283259e-02	1.518643e-03
## SPAC637.04	-2.090326e-03	5.774912e-04	2.163012e-03	4.301231e-04
## SPAC637.05c	-5.244252e-03	-3.887888e-03	3.150403e-03	-4.692738e-03
## SPAC637.06	3.256380e-03	3.549644e-04	-2.689076e-03	-2.250051e-03
## SPAC637.09	7.197271e-04	-3.658390e-03	1.995846e-03	1.597545e-03
## SPNCRNA.999	-2.475902e-05	2.547219e-05	2.427601e-05	2.323750e-05

## SPAC637.11	-8.631694e-04	2.658136e-04	9.482804e-04	-1.179273e-03
## SPAC637.12c	-1.329904e-03	2.227495e-04	1.284411e-03	-1.162465e-03
## SPNCRNA.1000	2.741784e-05	7.481095e-05	-2.227485e-05	7.596152e-05
## SPAC637.13c	-1.594859e-03	1.150459e-03	3.855865e-05	-9.652024e-04
## SPNCRNA.249	1.340280e-05	-2.840867e-05	5.052264e-05	-1.000401e-04
## SPAC31F12.01	-1.790722e-03	3.466637e-04	3.467021e-03	-6.854629e-04
## SPAC12B10.02c	-1.215593e-03	-6.271475e-04	1.072377e-03	-1.214486e-03
## SPAC12B10.03	-1.703009e-03	3.630167e-04	9.043371e-04	-1.879400e-03
## SPNCRNA.1001	3.627941e-05	5.863204e-05	4.464401e-05	-1.374218e-04
## SPAC12B10.04	8.936092e-04	-9.750835e-04	1.228558e-03	3.592670e-04
## SPAC12B10.07	-2.280645e-03	5.952733e-06	3.084780e-03	2.174215e-03
## SPAC12B10.08c	-2.486201e-04	-4.270259e-05	4.375190e-04	-1.876779e-04
## SPAC12B10.09	-5.215254e-04	-1.522239e-04	7.347275e-04	3.815580e-04
## SPAC12B10.10	-5.039555e-04	7.345649e-05	5.597855e-04	-7.494506e-04
## SPNCRNA.1003	-1.923214e-04	-4.675021e-05	5.114556e-05	3.716115e-05
## SPAC12B10.15c	8.865966e-05	2.090785e-04	2.413247e-04	-6.070423e-05
## SPNCRNA.1004	-1.996793e-06	-1.900747e-04	-3.645091e-04	2.418684e-04
## SPAC1093.07	1.426533e-04	-1.330436e-04	-1.136743e-04	3.659635e-04
## SPAC1093.01	-8.386807e-03	4.675172e-04	6.919089e-04	-4.833499e-03
## SPAC1093.02	-2.476379e-03	-8.293859e-04	5.596059e-03	3.033562e-03
## SPAC1093.03	-1.209860e-03	7.326476e-05	1.997502e-03	-1.121927e-03
## SPAC1093.04c	-4.559872e-04	-4.592177e-04	2.378362e-03	-8.009392e-04
## SPAC1093.06c	-2.285874e-03	8.099610e-05	2.435026e-03	-4.153548e-03
## SPNCRNA.1006	1.242177e-05	-3.086959e-05	1.190446e-04	1.664832e-04
## SPAC30C2.02	8.272440e-04	-2.292624e-03	-6.783845e-04	-3.121734e-03
## SPAC30C2.04	-3.422116e-03	-7.191392e-03	-6.573625e-03	-1.954690e-03
## SPAC30C2.05	-4.729542e-04	-3.739173e-04	3.212675e-04	-8.693735e-05
## SPAC30C2.07	-2.929754e-03	-1.530596e-03	2.672913e-03	-2.818905e-03
## SPNCRNA.1008	1.796377e-04	-1.780049e-04	-2.558959e-04	2.414802e-04
## SPAC1635.01	-1.459825e-02	-3.258885e-03	4.373044e-03	5.640634e-03
## SPNCRNA.1009	-5.533543e-05	3.637292e-05	4.773329e-05	3.521638e-05
## SPAC144.02	-8.905811e-04	-4.860825e-05	1.350916e-03	-2.412015e-04
## SPAC144.03	-1.244227e-02	-8.233442e-03	-8.742932e-04	2.165952e-03
## SPAC144.04c	-1.227098e-02	-1.315302e-03	1.635952e-03	3.066062e-03
## SPAC144.05	-1.617821e-03	6.528422e-04	1.157237e-03	-1.517028e-03
## SPAC144.10c	-4.120029e-03	4.062546e-04	3.873570e-03	2.397911e-03
## SPNCRNA.1013	2.142684e-05	1.526587e-05	-9.494340e-06	-4.619879e-05
## SPNCRNA.1014	-1.206099e-04	-4.538397e-05	2.477692e-04	4.927092e-06
## SPAC144.12	-8.393634e-04	-7.351485e-03	-1.883541e-03	-5.034730e-03
## SPAC144.13c	-7.759979e-04	2.757712e-05	4.899502e-04	-1.170068e-03
## SPAC144.16	-6.529841e-04	-2.841699e-04	5.820251e-04	-4.242939e-04
## SPNCRNA.1016	-2.897404e-05	4.673470e-05	1.246493e-04	2.268551e-04
## SPNCRNA.1017	-6.107303e-06	5.906385e-07	-2.236864e-06	-2.241587e-05
## SPAC1834.03c	-3.254575e-03	-4.183013e-03	-2.301203e-02	-2.896791e-02
## SPAC1834.04	2.344552e-04	-6.545469e-03	-2.440112e-02	-2.612394e-02
## SPAC1834.05	-2.410937e-03	-1.384916e-03	3.592235e-03	-2.295459e-03
## SPAC1834.08	-3.609529e-03	3.470818e-03	1.767597e-03	-4.825271e-03
## SPATRNNATHR.05	-7.690859e-04	1.023986e-03	1.468401e-03	-1.297373e-03
## SPAC1834.10c	-7.484738e-04	5.716305e-05	1.528651e-03	-8.136755e-04
## SPAC1834.13	9.440891e-06	-2.504635e-05	-2.601104e-05	4.424552e-05
## SPAC17D4.01	7.521004e-04	-6.415113e-03	-1.134586e-02	-9.477091e-03
## SPAC17D4.02	-3.249718e-04	-8.214522e-04	1.630469e-03	-1.169379e-03
## SPAC17D4.04	-1.328712e-03	-1.447648e-03	7.524126e-04	-2.330339e-03
## SPAC458.02c	-3.992602e-03	-3.538940e-03	7.278474e-04	-3.250723e-05

## SPNCRNA.1019	-2.135730e-04	5.610439e-05	-9.412634e-05	-6.206967e-05
## SPAC458.03	-2.284956e-03	9.164263e-04	-5.462267e-04	-2.336719e-03
## SPNCRNA.1020	-3.352217e-05	9.579175e-06	1.133068e-04	1.947539e-04
## SPAC458.07	-1.320846e-03	5.051005e-04	9.123081e-04	-5.834187e-04
## SPAPYUG7.02c	-2.229375e-03	3.047499e-05	1.633824e-03	-2.279278e-03
## SPNCRNA.1022	7.766222e-06	-1.068916e-05	2.497119e-05	1.273551e-04
## SPAC1782.01	-3.549204e-03	1.821539e-03	6.377471e-03	-1.961196e-04
## SPAC1782.03	-2.778053e-04	1.597416e-04	1.107298e-04	-6.843963e-04
## SPAC1782.06c	-3.512136e-03	6.058695e-05	3.526633e-03	9.516625e-04
## SPNCRNA.1023	-1.298123e-04	-2.249813e-04	-2.205249e-04	7.772132e-05
## SPAC1782.09c	-4.511404e-04	6.305654e-06	4.097410e-04	-2.320841e-04
## SPAC1782.10c	2.953664e-03	-3.683717e-03	1.257430e-03	4.620955e-03
## SPAC1782.11	-1.366463e-05	-4.730616e-03	-6.087915e-03	-1.482991e-03
## SPAC11H11.02c	3.351799e-06	-2.821320e-04	1.006422e-03	1.105367e-03
## SPAC11H11.01	-2.419306e-04	3.158323e-04	4.880442e-05	-1.655713e-04
## SPAC11H11.03c	-4.868601e-05	-2.980394e-05	9.404153e-04	3.670192e-04
## SPAC11H11.04	-8.901353e-05	-2.791880e-05	7.079239e-05	4.509133e-05
## SPAC11H11.06	-1.083095e-02	8.535476e-04	1.005756e-02	1.156806e-02
## SPAC22F8.03c	-4.942487e-07	-3.915410e-06	-1.116628e-05	1.232842e-05
## SPAC22F8.07c	-1.066673e-04	-2.038257e-04	2.651464e-04	-7.138307e-04
## SPAC22F8.08	-7.284513e-03	-5.104199e-03	6.172096e-03	-2.443487e-03
## SPAC22F8.11	-2.997240e-03	1.050005e-03	5.903742e-03	-1.141540e-04
## SPAC22F8.12c	-5.010928e-04	-9.825616e-05	-2.412261e-04	1.342752e-04
## SPAC20G4.02c	-1.339699e-03	8.263895e-04	6.557161e-05	-1.001462e-03
## SPAC20G4.03c	-3.912436e-03	1.613319e-03	2.062335e-03	2.068553e-03
## SPAC20G4.04c	-6.183328e-04	-6.404093e-06	1.116166e-03	-4.807395e-04
## SPNCRNA.1027	-1.362605e-04	-2.481799e-04	1.724526e-04	-7.852608e-05
## SPAC20G4.09	2.916536e-05	-3.100305e-05	-3.128220e-05	2.969683e-05
## SPAC20G4.07c	-4.052125e-03	-1.459795e-03	1.324270e-03	-1.919232e-04
## SPAC4F10.03c	-1.272035e-03	-4.212169e-04	9.684112e-04	-1.629966e-03
## SPAC4F10.04	-4.430793e-04	-5.481567e-04	1.969481e-04	9.780138e-04
## SPNCRNA.1028	2.791599e-05	-1.282114e-04	-1.847431e-05	-6.589320e-05
## SPAC4F10.08	-2.189629e-04	2.258968e-04	-1.821848e-04	-4.789223e-04
## SPAC4F10.12	-6.338195e-04	2.332446e-04	1.683490e-03	2.978731e-04
## SPAC4F10.13c	-1.002948e-02	1.804925e-03	6.208577e-03	-4.099141e-03
## SPNCRNA.1030	-6.599434e-05	-1.286009e-05	-4.175605e-05	8.639373e-05
## SPAC4F10.15c	-2.468904e-04	2.250271e-04	6.869302e-04	-1.795434e-04
## SPAC4F10.16c	-7.913702e-04	1.009967e-03	2.351602e-03	-3.445023e-03
## SPAC4F10.18	-2.800727e-03	-4.976673e-05	2.360602e-03	-4.142543e-04
## SPAC4F10.19c	-1.800857e-04	1.017126e-04	1.854221e-04	2.593901e-05
## SPAC19B12.01	2.964679e-03	-6.741744e-03	1.358426e-03	-5.514097e-04
## SPNCRNA.255	1.820741e-05	3.206335e-06	1.770614e-05	1.897039e-06
## SPAC19B12.03	-9.991644e-03	-1.227149e-03	1.988138e-02	-4.565448e-03
## SPNCRNA.1034	1.130068e-04	-8.948696e-05	-2.292399e-04	-3.409280e-04
## SPAC19B12.04	9.039506e-04	-6.941730e-03	-5.852884e-04	-3.815183e-03
## SPAC19B12.07c	-8.115087e-04	3.770964e-04	1.639019e-03	3.128353e-05
## SPAC19B12.10	-4.495108e-04	1.175692e-04	2.297285e-05	-2.386049e-04
## SPAC19B12.12c	-3.181883e-05	-1.074113e-04	3.697134e-04	-2.427296e-04
## SPAC19B12.13	-2.306621e-04	-1.363539e-04	4.487567e-04	-3.402157e-04
## SPNCRNA.1035	-6.130004e-06	-2.700340e-06	-1.521422e-04	2.003416e-05
## SPAPB8E5.04c	-1.307855e-03	1.311108e-03	2.500209e-03	-6.833077e-04
## SPAPB8E5.06c	-5.617689e-03	-1.734486e-02	-1.015628e-02	-7.419498e-03
## SPAC1B3.01c	-8.000536e-04	1.848768e-04	4.620025e-03	-2.462289e-03
## SPAC1B3.02c	-3.089540e-04	-4.479181e-04	6.173743e-04	-2.333825e-03

## SPNCRNA.1036	-2.437501e-05	5.252725e-05	7.814299e-06	-2.375184e-04
## SPAC1B3.03c	-1.261058e-02	-1.458238e-02	1.996560e-02	3.275568e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	-9.731060e-06	1.466204e-05	3.834156e-05	9.422680e-05
## SPNCRNA.1038	-1.332756e-02	-3.559940e-03	-5.719565e-03	6.659550e-03
## SPAC1B3.07c	-6.235052e-04	-4.410333e-05	1.110501e-03	-2.951139e-04
## SPAC1B3.08	-3.489909e-03	5.663712e-04	-1.346300e-03	8.919754e-04
## SPAC1B3.10c	-4.902270e-04	3.862360e-05	2.252243e-04	-7.135728e-05
## SPAC1B3.11c	-3.715739e-04	7.072875e-05	6.933822e-05	-3.812354e-04
## SPAC1B3.20	-6.709913e-04	4.820389e-04	4.866393e-04	5.286341e-04
## SPAC1B3.13	-1.253132e-04	-6.499599e-03	2.633716e-03	-7.905669e-04
## SPAC1B3.15c	-3.498509e-04	2.608936e-05	1.326487e-04	-5.602894e-05
## SPAC1B3.16c	-9.931757e-03	-3.143477e-02	-1.720514e-02	-2.041551e-02
## SPNCRNA.1039	-2.977763e-05	-3.481389e-05	1.776999e-05	-4.094026e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	-1.334439e-03	-3.931478e-04	1.379676e-03	-8.965644e-04
## SPAC1952.05	-1.646150e-03	1.573540e-04	2.649058e-03	-2.427538e-03
## SPAC1952.06c	-9.126850e-04	-7.845429e-04	1.982529e-03	-8.671404e-06
## SPAC1952.08c	-1.225347e-03	-8.647834e-05	9.461612e-04	-3.232713e-04
## SPAC1952.11c	-2.854882e-03	-1.369341e-03	4.331320e-03	-8.939787e-04
## SPAC1952.13	-2.261046e-03	-7.391402e-04	-1.797113e-03	-3.214758e-04
## SPAC1952.14c	-3.736037e-04	-3.832751e-04	8.509724e-04	-6.185399e-04
## SPAC1952.15c	-5.465764e-05	1.441243e-04	2.427967e-04	3.040600e-05
## SPAC890.02c	-5.330190e-04	4.020962e-04	6.859534e-04	-4.305660e-04
## SPAC890.05	4.783073e-04	-7.814802e-04	6.479957e-04	2.217584e-04
## SPAC890.07c	-9.510498e-05	-5.388246e-03	-2.681942e-03	-2.201252e-03
## SPAC890.08	1.426817e-02	-3.871574e-02	-2.887103e-02	3.116296e-02
## SPNCRNA.258	2.169344e-05	3.318720e-05	1.450777e-05	2.161685e-05
## SPAC22E12.01	-4.565018e-04	9.344038e-06	7.801066e-04	-3.083053e-04
## SPAC22E12.02	-5.868735e-04	-8.152201e-04	4.131471e-04	6.151677e-04
## SPAC22E12.03c	-3.192636e-03	2.250249e-03	-7.210125e-04	-5.111063e-04
## SPAC22E12.05c	-3.528376e-03	-2.308729e-04	1.325472e-03	3.443054e-04
## SPAC22E12.06c	-2.411958e-03	1.654911e-03	1.256213e-03	-1.449846e-03
## SPAC22E12.07	-2.214316e-03	-2.246544e-03	1.004076e-03	2.587109e-04
## SPAC22E12.08	2.528207e-04	-3.267646e-04	9.353950e-04	3.022613e-04
## SPAC22E12.11c	-1.817401e-03	1.649633e-04	-4.686259e-05	-1.506406e-03
## SPAC22E12.14c	-3.330311e-03	-1.563783e-03	1.221653e-03	-6.510652e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	-5.769572e-04	6.895460e-05	7.877469e-04	-6.130904e-04
## SPAC1006.05c	-2.199681e-03	7.193735e-05	1.203309e-03	9.841606e-05
## SPAC1006.06	-2.615343e-03	1.141532e-04	2.604245e-03	-1.646879e-03
## SPAC1006.07	-4.415189e-02	-8.266672e-02	-7.201092e-02	-2.365563e-02
## SPAC1006.08	-2.996347e-04	-1.192572e-04	1.274206e-03	-2.423587e-04
## SPAC1006.09	-3.003986e-03	6.746978e-05	4.771058e-03	-3.313581e-03
## SPAC1250.05	-3.074585e-04	-1.094618e-03	1.081005e-03	-9.520656e-04
## SPAC1250.04c	5.839655e-05	-1.852800e-05	2.734152e-04	-4.185688e-04
## SPAC1250.03	-2.293150e-04	-4.234822e-05	4.036360e-05	-6.186482e-05
## SPAC1250.02	-2.013614e-05	8.070111e-06	-1.540166e-05	-9.347231e-05
## SPNCRNA.1046	-2.445014e-05	2.338027e-05	5.924532e-05	5.331527e-05
## SPAC29A4.20	-3.429436e-04	-1.207382e-03	1.789417e-03	-1.599296e-03
## SPAC29A4.19c	-1.920983e-03	-6.060910e-05	2.502108e-03	-2.045367e-03
## SPAC29A4.17c	-3.231944e-04	1.886298e-04	1.244272e-05	5.451697e-05
## SPAC29A4.16	-6.736868e-03	-2.406499e-03	7.680849e-03	-2.683147e-03
## SPAC29A4.15	-3.742132e-03	-3.427663e-03	-8.572451e-04	-3.047296e-03

## SPNCRNA.1047	4.379785e-05	-2.039031e-05	7.075340e-05	1.204453e-04
## SPAC29A4.12c	-6.313772e-05	3.911721e-05	-2.288372e-05	-7.991987e-05
## SPAC29A4.09	-1.107123e-03	-7.489108e-05	1.263570e-03	-1.028444e-03
## SPAC29A4.08c	-1.491102e-03	-2.789057e-03	3.050408e-03	2.905994e-03
## SPAC29A4.07	-6.574390e-04	1.650281e-04	1.284732e-03	2.581203e-04
## SPAC29A4.06c	-4.651136e-04	3.149610e-04	-1.816945e-06	-4.732602e-04
## SPAC29A4.04c	-2.456436e-03	-1.222178e-02	-6.731470e-03	-7.916448e-03
## SPAC29A4.02c	-3.605068e-03	-1.382918e-02	-1.770966e-02	-7.278652e-03
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-2.626728e-03	2.103768e-03	2.317867e-04	-7.145407e-05
## SPSNORNA.16	5.111831e-04	2.722391e-03	-7.326045e-03	-1.164062e-02
## SPAC26F1.13c	-1.166207e-02	-1.925705e-02	-5.136364e-03	-1.604171e-02
## SPAC26F1.11	-1.074249e-04	1.271016e-04	-1.872007e-04	2.356863e-05
## SPAC26F1.07	-7.524828e-02	4.039504e-02	3.014083e-03	4.396361e-02
## SPAC26F1.05	-6.777516e-05	-4.275281e-04	-1.165820e-04	5.064736e-04
## SPNCRNA.1056	6.624306e-06	-1.299545e-05	-4.176624e-07	-1.558625e-04
## SPAC26F1.04c	-1.357372e-02	6.647427e-03	-1.097202e-02	5.325523e-03
## SPAC26F1.03	-6.764347e-03	-1.665493e-02	-7.995707e-03	-2.521898e-03
## SPAC26F1.01	-1.288302e-03	1.848070e-04	6.139292e-04	-1.448412e-03
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-5.409661e-05	9.793430e-05	1.180479e-04	-3.547951e-05
## SPAC19D5.01	-5.754925e-03	8.345524e-04	-2.070553e-02	5.217675e-03
## SPAC19D5.02c	-1.099079e-03	8.516346e-05	2.213055e-03	-6.080668e-04
## SPAC19D5.04	-1.308472e-02	2.530525e-03	1.688916e-02	-6.022397e-03
## SPAC19D5.05c	-2.346835e-04	-4.537413e-04	5.048776e-04	-2.092249e-04
## SPAC19D5.11c	-7.404685e-05	-1.810231e-05	1.339240e-04	-1.787840e-04
## SPNCRNA.1060	-5.255757e-06	-8.651234e-05	-1.276625e-06	-3.131218e-04
## SPAC14C4.01c	-2.667681e-04	-5.917865e-04	1.142742e-03	8.250709e-04
## SPAC19D5.07	-1.311764e-04	6.936368e-05	3.269649e-04	-2.113934e-05
## SPNCRNA.1062	-1.924866e-06	2.470657e-05	2.273836e-05	-7.737130e-05
## SPAC14C4.03	-1.461162e-04	-5.417652e-05	6.281005e-05	-2.093698e-04
## SPAC14C4.04	-3.004753e-03	-2.083865e-04	1.666730e-03	-7.148549e-04
## SPAC14C4.05c	-1.296052e-03	-1.428838e-04	-3.235987e-04	3.521559e-04
## SPAC14C4.07	-5.782304e-03	2.009213e-03	-1.765531e-04	-1.194914e-03
## SPAC14C4.08	-1.399891e-04	7.996271e-05	2.196721e-04	-3.335179e-04
## SPAC14C4.09	-5.968933e-04	-3.720725e-04	-6.046383e-04	-7.448028e-03
## SPAC14C4.10c	-8.007219e-04	3.063248e-04	1.868039e-04	1.021472e-04
## SPAC14C4.11	-1.975024e-03	-4.301549e-03	5.846295e-03	-1.827558e-04
## SPNCRNA.261	-8.500585e-05	5.053065e-05	1.389642e-04	-1.428626e-04
## SPAC14C4.13	-5.122444e-04	1.754448e-04	1.287516e-03	-7.743846e-04
## SPAC14C4.14	-7.831810e-03	-3.606483e-04	5.564866e-03	-7.107644e-03
## SPAC14C4.15c	-7.483184e-04	-1.000167e-03	1.456350e-03	-7.764648e-04
## SPAPJ760.03c	7.423371e-04	-9.841625e-04	-1.897971e-03	-5.780508e-03
## SPNCRNA.1064	-1.131153e-05	2.720978e-05	2.040412e-05	-1.296674e-04
## SPAC2H10.02c	-6.754280e-04	-5.726735e-05	5.523687e-04	-4.582397e-04
## SPAC11E3.03	3.024669e-05	1.461637e-04	3.641198e-04	3.192732e-05
## SPAC11E3.04c	-1.474914e-03	-5.830396e-04	4.165788e-04	-3.078520e-04
## SPAC11E3.07	-2.349561e-03	-3.402043e-04	6.937425e-03	7.220212e-04
## SPAC11E3.08c	-2.406304e-04	4.157557e-05	1.999314e-04	-1.870309e-04
## SPAC11E3.12	-2.510772e-04	-1.608225e-04	5.350006e-04	1.237453e-04
## SPAC11E3.13c	-3.648153e-03	4.916672e-03	-5.720558e-04	-4.336089e-03
## SPNCRNA.1068	1.905202e-05	-2.301774e-05	3.394662e-06	3.731613e-05
## SPAC11E3.15	-4.955346e-04	-2.059115e-02	-1.993367e-02	7.342238e-03

## SPNCRNA.1070	-5.647903e-05	-3.347507e-05	1.071723e-04	-3.640560e-05
## SPAP8A3.05	-8.164023e-04	9.264224e-04	-9.377804e-04	-5.150870e-04
## SPAP8A3.06	5.029343e-04	-9.326811e-04	-7.122506e-04	2.266233e-03
## SPNCRNA.525	1.430446e-05	-2.923973e-05	-1.362647e-05	-9.578305e-05
## SPNCRNA.1073	6.283260e-05	-1.046455e-04	9.536396e-05	-2.854946e-04
## SPAP8A3.10	-1.000277e-03	-3.631571e-04	-2.558956e-04	-1.682001e-03
## SPAP8A3.12c	-7.444002e-03	2.472745e-03	2.724623e-03	3.306218e-03
## SPAP8A3.13c	-8.745038e-04	-2.584678e-05	1.215892e-06	-2.043385e-03
## SPAC4D7.01c	-4.903945e-03	-1.217190e-03	5.438533e-03	-3.340887e-03
## SPNCRNA.1075	-2.544999e-05	2.791295e-05	8.344460e-05	3.911185e-06
## SPAC4D7.04c	-4.285972e-04	-8.176114e-04	1.130054e-03	1.456114e-04
## SPAC4D7.05	-4.346600e-03	-1.407806e-02	-1.190799e-02	-3.390941e-03
## SPAC4D7.06c	-4.850190e-04	-2.772615e-04	8.770993e-04	-8.896353e-05
## SPNCRNA.1077	-1.743395e-05	-9.903273e-05	1.481810e-04	-1.007431e-04
## SPAC4D7.07c	-6.389466e-04	-1.235070e-04	1.056537e-04	-4.251641e-04
## SPAC4D7.08c	-3.063950e-03	-1.417881e-02	-4.236070e-03	-5.996808e-03
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	2.689097e-05	5.710120e-06	-3.279895e-05	-2.929067e-06
## SPAC4D7.09	-8.300732e-04	-4.557688e-03	9.399763e-05	-1.670930e-03
## SPAC4D7.14	-5.705343e-05	-3.964216e-06	-2.656083e-05	-4.311036e-06
## SPAC3G6.04	2.722483e-04	-3.814010e-04	7.804797e-04	5.777961e-04
## SPAC3G6.06c	-5.148363e-04	1.727042e-04	1.366465e-05	-5.001855e-04
## SPAC3G6.07	-5.937869e-04	6.349595e-04	-9.773553e-04	-4.852697e-04
## SPAC3G6.11	-1.053859e-03	2.506135e-04	2.714464e-03	-1.667084e-03
## SPAC3G6.13c	-4.033012e-03	-1.636210e-02	-1.255968e-02	9.860181e-03
## SPNCRNA.267	6.856317e-05	-3.931860e-05	-3.729153e-06	1.065834e-04
## SPAC29B12.02c	-3.728474e-03	-1.565494e-03	6.705006e-03	-1.808708e-03
## SPAC29B12.04	-1.616053e-02	-2.031160e-02	-9.271011e-03	1.166306e-02
## SPAC29B12.05c	-1.253774e-04	-1.400379e-04	-5.032910e-06	-4.138921e-04
## SPNCRNA.1081	-1.583229e-04	-2.069746e-04	-2.519222e-04	2.512477e-04
## SPAC29B12.06c	-1.955335e-03	-3.513470e-05	1.531240e-03	-1.261096e-03
## SPAC29B12.07	-2.100973e-03	1.281682e-03	5.037350e-03	-3.229826e-03
## SPNCRNA.1082	-1.662383e-04	3.674945e-05	3.240195e-05	4.269647e-05
## SPNCRNA.270	4.107800e-06	5.527490e-06	-3.955900e-06	-1.030417e-05
## SPAC29B12.08	-1.072821e-03	3.208650e-04	5.415115e-05	-2.705934e-03
## SPAC29B12.10c	-4.500073e-03	5.553215e-05	-6.910514e-03	-1.180123e-02
## SPAC29B12.11c	-1.832892e-03	5.791612e-04	-3.140544e-03	2.271441e-05
## SPATRNASER.04	-1.586629e-03	-1.396784e-05	2.834147e-03	4.090595e-03
## SPAC29B12.13	-3.240874e-04	4.625127e-04	6.352028e-04	3.837489e-05
## SPNCRNA.271	-3.979982e-06	7.182448e-06	-1.331834e-05	1.188820e-06
## SPNCRNA.272	-3.799807e-06	3.661303e-07	-9.738629e-06	9.819681e-06
## SPAC1039.01	-1.640628e-03	3.467254e-04	-1.385290e-03	-7.715579e-04
## SPAC1039.02	-9.866508e-03	-2.830998e-03	2.949784e-03	-6.387813e-03
## SPAC1039.03	-8.370209e-04	-3.486203e-04	1.330156e-03	4.406635e-04
## SPAC1039.05c	-1.286160e-03	-2.685247e-04	6.711211e-04	-1.395985e-03
## SPNCRNA.1084	8.469053e-05	-5.027536e-05	-3.380114e-05	1.497027e-04
## SPAC1039.06	-9.534595e-04	-6.904108e-04	8.991096e-04	1.163884e-03
## SPNCRNA.1085	2.715015e-05	-3.517042e-05	-1.237324e-05	5.862387e-05
## SPAC1039.08	-2.697333e-04	-5.788978e-05	4.759342e-04	4.641830e-05
## SPNCRNA.1086	-9.455451e-05	-1.046178e-04	8.842323e-05	2.382201e-04
## SPNCRNA.275	-2.509535e-06	6.667739e-06	-6.345751e-06	-5.564752e-06
## SPAC1039.09	-1.074454e-04	-2.421865e-05	4.545138e-04	-1.528072e-04
## SPAC1039.11c	-5.141150e-04	-2.763714e-04	3.876375e-05	-5.130494e-04
## SPNCRNA.1087	-2.575259e-04	-2.616016e-04	1.033089e-04	4.586476e-04

## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-6.870328e-06	3.917084e-05	-4.195328e-05	-1.953790e-04
## SPNCRNA.1089	-2.588208e-05	5.900869e-06	-1.371935e-04	2.590549e-06
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-1.346791e-02	4.662881e-03	1.775356e-02	2.243393e-04
## SPNCRNA.278	-3.473351e-06	-2.356549e-05	-5.426867e-06	-9.430619e-05
## SPAC922.06	-9.068125e-04	5.858791e-05	7.792806e-04	-7.689743e-05
## SPAC922.07c	-6.015108e-04	-1.000249e-04	1.273893e-03	8.506517e-04
## SPNCRNA.1090	5.465066e-05	-7.105114e-06	-4.335563e-06	1.181602e-04
## SPNCRNA.1091	5.650092e-05	-1.717982e-04	-3.898466e-05	2.040805e-04
## SPNCRNA.1093	-1.859535e-05	3.112236e-06	3.602703e-05	3.357683e-05
## SPAC869.06c	-2.093594e-04	2.936695e-04	-3.265873e-04	-3.313523e-04
## SPNCRNA.279	-4.813626e-06	1.013507e-05	5.937626e-06	8.046529e-06
## SPAC869.05c	1.874479e-05	-9.614036e-04	-3.104053e-04	7.080415e-04
## SPAC869.04	-4.033651e-06	-3.424964e-07	1.174721e-05	2.069119e-05
## SPAC869.03c	-4.176899e-06	8.201622e-07	2.273800e-05	1.135481e-05
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	2.975429e-06	4.111900e-05	2.922044e-05	3.389821e-05
## SPAC869.02c	-1.782624e-03	4.301354e-04	4.445510e-03	7.477318e-04
## SPAC869.01	-1.660033e-05	-5.311176e-06	4.432369e-05	6.561362e-05
## SPAC186.01	1.480555e-04	-8.026260e-06	8.304038e-05	-4.195373e-06
## SPNCRNA.96	1.834333e-06	3.251143e-06	-4.178818e-06	-1.685046e-05
## SPAC186.03	4.571013e-06	1.207437e-05	3.042610e-05	8.130868e-06
## SPAC186.04c	-1.491609e-04	5.858036e-05	6.688639e-05	-2.839554e-05
## SPAC186.06	-5.611090e-05	4.220494e-07	6.940701e-05	-1.109148e-04
## SPNCRNA.310	-1.672501e-06	-1.111419e-06	2.653154e-06	-1.669613e-06
## SPAC750.01	-9.437403e-04	-3.288121e-04	1.037750e-03	1.234673e-04
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	2.006187e-05	8.095476e-06	-9.480819e-06	4.290074e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	-2.559902e-05	2.012265e-05	1.517945e-05	-1.321931e-04
## SPAC212.08c	-2.697542e-05	-9.778899e-06	9.408278e-05	-2.364573e-06
## SPAC212.07c	-1.368263e-06	-6.805750e-06	-1.343197e-05	8.664161e-07
## SPAC212.06c	-1.300006e-05	2.195826e-05	1.643119e-05	-8.459756e-06
## SPAC212.05c	-4.131774e-06	-1.579692e-06	-5.727743e-06	7.221533e-06
## SPAC977.01	-3.381637e-06	5.173758e-06	2.509981e-06	-5.331567e-06
## SPAC977.18	1.249656e-06	1.007424e-06	1.076699e-06	-7.426482e-07
## SPAC977.02	-6.378688e-08	-3.648701e-06	8.743503e-07	-1.486702e-05
## SPAC977.06	5.147662e-06	9.411332e-07	-1.282007e-06	-8.468664e-06
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	-4.234350e-04	3.303908e-04	1.059331e-03	5.120569e-04
## SPAC977.10	-2.298367e-03	-8.930465e-04	4.506969e-03	2.888219e-03
## SPAC977.12	1.929512e-03	-5.146063e-03	-5.338488e-03	-1.985828e-03
## SPAC977.14c	-1.054035e-02	-2.839168e-03	1.758576e-02	8.906335e-03
## SPAC977.17	-1.427073e-03	-6.078742e-04	1.076361e-04	-1.283475e-03
## SPNCRNA.137	-9.833571e-06	5.592783e-06	1.661944e-05	-2.653668e-05
## SPNCRNA.83	-4.717968e-05	2.752889e-05	1.331489e-04	1.985450e-04
## SPAPJ695.02	-6.333429e-05	-8.533828e-06	-1.078292e-04	-1.995690e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-1.805204e-04	3.469261e-05	-1.195401e-04	-1.622312e-04
## SPAC1F8.02c	6.019863e-06	-3.522753e-06	-8.368559e-06	-3.692916e-05
## SPAC1F8.03c	5.891846e-04	-3.449190e-03	-2.573813e-03	-4.213311e-03
## SPNCRNA.604	1.076094e-04	-1.711923e-04	-1.516780e-04	-1.790107e-04
## SPNCRNA.139	-1.523584e-07	-9.467547e-07	-1.784147e-06	1.733063e-06

## SPNCRNA.605	-3.130836e-04	-1.366830e-03	2.419861e-04	-1.283140e-03
## SPAC1F8.04c	-2.062725e-04	7.690777e-05	5.552684e-04	8.524000e-05
## SPNCRNA.606	1.077859e-04	-1.702556e-04	-1.086072e-04	2.565968e-04
## SPAC1F8.05	-6.258996e-04	1.298862e-05	3.906286e-04	3.472252e-04
## SPAC1F8.07c	-2.456456e-02	-2.980425e-03	-3.831356e-02	-3.445152e-02
## SPAC11D3.04c	1.281887e-04	-4.381798e-03	-5.231734e-03	5.767956e-04
## SPAC11D3.06	-1.350022e-03	-2.729136e-04	4.776136e-04	-6.966039e-04
## SPAC11D3.09	-6.729516e-04	2.668648e-04	-7.734663e-04	2.702676e-04
## SPAC11D3.10	-4.550707e-04	7.684922e-06	3.008919e-04	-2.825253e-04
## SPAC11D3.13	-4.466926e-03	1.374305e-03	3.651696e-03	2.132089e-03
## SPAC11D3.15	-2.973997e-03	-1.264277e-03	4.645323e-03	6.977790e-04
## SPAC11D3.17	-3.349938e-04	2.018658e-05	-5.654344e-04	1.767494e-04
## SPNCRNA.611	1.405319e-05	4.648729e-05	6.964025e-05	-6.913445e-05
## SPAC5H10.02c	-6.140530e-04	3.933750e-04	-1.425151e-04	1.714687e-04
## SPNCRNA.613	-5.240651e-05	-6.565384e-05	5.643726e-05	1.243587e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-1.615695e-03	5.086796e-05	2.762026e-03	-1.484007e-04
## SPAC5H10.07	-2.890977e-05	-9.650965e-05	-4.900292e-05	-8.864033e-05
## SPNCRNA.614	8.533936e-05	-3.546209e-04	1.244822e-04	2.512489e-04
## SPNCRNA.615	-4.893733e-06	-2.902247e-05	-4.160962e-05	1.001442e-04
## SPNCRNA.616	-8.212212e-05	-2.957822e-05	2.426822e-04	1.424902e-04
## SPAC13G6.02c	-1.825114e-02	-4.165033e-02	-3.703573e-02	1.509568e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	9.899361e-04	3.814431e-04	1.297821e-03	-5.240473e-05
## SPAC13G6.05c	-3.414480e-04	-3.064748e-04	3.010375e-04	1.330809e-03
## SPAC13G6.06c	-3.016858e-03	-4.209397e-03	3.258219e-03	-8.515959e-03
## SPAC13G6.07c	-8.878512e-03	-5.338824e-02	-3.958053e-02	-4.746061e-05
## SPAC13G6.08	-2.115339e-04	-7.183772e-05	3.533487e-04	-2.145701e-04
## SPNCRNA.619	1.694354e-04	-7.365813e-04	2.582189e-04	8.693125e-04
## SPAC13G6.09	-2.728792e-04	-7.661928e-04	1.275471e-03	-3.696220e-04
## SPAC13G6.10c	-6.969631e-03	2.129202e-04	1.046071e-02	-1.113867e-02
## SPAC13G6.11c	-1.656090e-03	-1.231723e-03	1.015049e-03	-1.702798e-03
## SPAC13G6.12c	-7.257103e-04	-2.519735e-04	1.166306e-04	2.733950e-04
## SPAC13G6.13	4.640676e-07	-1.307588e-06	-7.196281e-07	-1.978398e-06
## SPAC24B11.06c	-3.603459e-03	-4.336935e-04	5.614689e-04	1.815814e-04
## SPNCRNA.622	-1.047523e-04	5.376599e-05	7.304885e-04	4.237991e-04
## SPAC24B11.07c	-4.965565e-04	1.250127e-04	1.138550e-03	-1.142097e-03
## SPNCRNA.623	5.204349e-06	-5.291025e-05	-1.581567e-04	-8.235904e-05
## SPAC24B11.10c	-1.902336e-03	1.845870e-04	1.470372e-03	-1.822183e-03
## SPAC24B11.14	-3.231412e-05	7.967529e-05	2.444106e-05	-1.703253e-04
## SPAC24B11.13	-1.093705e-03	-8.239806e-04	-7.144453e-04	-2.316266e-03
## SPAC806.03c	-2.415981e-03	-4.232810e-03	-2.290269e-03	-4.905004e-03
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	-3.290304e-03	4.224054e-04	8.678409e-04	-4.113326e-04
## SPAC806.05	-7.473448e-04	3.667204e-06	-6.889656e-04	-1.184450e-05
## SPNCRNA.629	1.292993e-04	-1.075665e-04	-5.242297e-05	2.851902e-04
## SPAC806.08c	-6.466788e-04	-1.016998e-04	1.234752e-03	-1.115629e-03
## SPAC1639.01c	-5.253773e-03	-1.978557e-03	3.230034e-04	-3.773184e-03
## SPAC1639.02c	-2.863406e-03	4.772933e-05	1.173851e-03	-3.855298e-03
## SPNCRNA.631	-9.643214e-06	2.191576e-06	-7.887518e-06	3.311352e-06
## SPAC1F5.10	4.999192e-05	-2.687514e-03	2.394106e-03	-1.691461e-03
## SPNCRNA.634	-2.447116e-04	-3.022558e-05	2.169753e-04	8.069654e-05

## SPAC1F5.09c	-2.266959e-04	1.297673e-04	2.837339e-04	-1.176591e-04
## SPAC1F5.08c	-1.700709e-03	2.783222e-04	3.131303e-04	-1.022643e-03
## SPAC1F5.06	-3.579123e-03	-1.132601e-03	2.182822e-03	-3.457523e-03
## SPAC1F5.05c	-4.727529e-04	-2.214600e-04	4.268370e-04	-2.866613e-04
## SPAC1F5.03c	-3.656714e-03	-1.656950e-03	2.740253e-03	-2.937926e-03
## SPAC18B11.11	-1.922563e-03	4.702768e-04	1.796061e-03	-2.512581e-03
## SPAC18B11.06	6.870947e-04	-1.136463e-03	1.275110e-03	3.989342e-04
## SPAC18B11.05	-2.257330e-04	2.187418e-04	4.265440e-04	-4.793958e-04
## SPAC18B11.03c	-9.729310e-04	-1.252353e-04	1.172729e-03	6.786652e-04
## SPAC12G12.16c	-4.013953e-04	3.292328e-04	1.564429e-04	-9.880113e-05
## SPAC12G12.13c	4.575679e-04	-9.310758e-04	3.154126e-03	-7.905477e-04
## SPAC12G12.12	-2.207274e-03	1.169790e-03	-7.224630e-04	-3.057421e-04
## SPAC12G12.11c	-7.465157e-04	-1.600551e-04	4.850565e-04	-2.082487e-04
## SPAC12G12.17	-1.343861e-04	-8.257821e-05	1.259863e-04	-1.178140e-04
## SPAC12G12.08	-1.223760e-03	-2.436310e-05	1.338342e-03	-1.038201e-03
## SPAC12G12.07c	-6.149138e-03	-3.380373e-04	4.190972e-03	1.773523e-04
## SPAC12G12.05c	-9.000648e-04	-1.502157e-04	1.201743e-03	-8.700210e-04
## SPSNORNA.29	-5.360537e-03	-1.405977e-03	-1.256379e-03	4.809585e-06
## SPAC12G12.04	-3.857753e-02	-5.909208e-02	2.750653e-02	3.835397e-02
## SPAC12G12.02	3.593287e-04	-1.277280e-03	5.261547e-04	-1.633855e-03
## SPNCRNA.640	-3.352977e-05	1.669117e-05	9.544347e-05	2.002243e-05
## SPAC12G12.01c	-2.763214e-03	-1.189647e-03	4.916269e-03	-1.652995e-03
## SPAC630.04c	-1.292049e-03	1.662163e-04	1.465589e-03	4.614452e-04
## SPAC630.03	-7.316416e-03	-9.539453e-04	5.597829e-03	3.891513e-03
## SPAC630.06c	-2.062398e-04	-2.390118e-04	1.415948e-04	-6.388201e-04
## SPAC630.07c	-7.420319e-04	4.417284e-04	-1.154239e-04	1.762528e-04
## SPNCRNA.641	-3.236119e-05	8.942779e-06	3.418031e-05	-3.305686e-05
## SPAC630.08c	-3.877646e-03	-1.440096e-03	-4.836839e-03	-4.154831e-03
## SPNCRNA.642	3.327613e-05	-1.096833e-04	2.379117e-05	1.892937e-04
## SPAC630.09c	-1.161758e-03	-3.688087e-04	-8.951995e-05	1.755962e-04
## SPAC630.10	-1.720637e-04	-3.983382e-04	3.256391e-04	-6.660114e-04
## SPAC1751.03	-4.541299e-03	-8.983368e-03	-2.601734e-03	-4.935455e-03
## SPAC31A2.05c	-1.845556e-03	-4.595495e-05	1.130746e-03	-2.336052e-03
## SPAC31A2.08	-5.065943e-04	1.112336e-04	2.039900e-03	4.761473e-04
## SPAC31A2.10	-2.818991e-04	2.382042e-04	2.326634e-04	-2.753280e-05
## SPAC31A2.15c	-6.116896e-04	-1.328458e-04	9.652256e-04	-1.181903e-03
## SPAC13C5.02	-3.508918e-04	-2.657234e-04	6.095152e-04	-4.824747e-04
## SPAC13C5.03	-4.082730e-04	-4.970236e-04	8.272952e-05	-1.245911e-04
## SPSNORNA.01	-4.838822e-03	-6.287821e-03	-4.092275e-03	1.601881e-02
## SPNCRNA.646	-2.241145e-04	3.670022e-04	-4.497455e-04	4.856315e-04
## SPAC13C5.07	-2.227454e-03	2.652190e-03	1.848708e-03	-2.025829e-03
## SPNCRNA.647	-1.576382e-04	-7.996459e-05	3.404475e-05	-3.021401e-04
## SPNCRNA.648	3.842813e-05	-1.618693e-04	-2.719033e-04	1.673762e-04
## SPAC23E2.01	-1.125427e-02	1.822654e-03	-1.080203e-02	-2.431930e-03
## SPNCRNA.649	-5.873202e-06	-1.067361e-05	-1.033465e-05	1.087723e-05
## SPAC23E2.03c	-1.736033e-04	5.274822e-05	-2.428792e-05	-1.253546e-04
## SPNCRNA.650	-8.247521e-05	3.639576e-05	-3.806824e-05	-9.526150e-06
## SPAC24H6.13	-1.291740e-02	4.802929e-03	-1.496531e-02	-1.285082e-02
## SPNCRNA.651	-5.467714e-05	1.001261e-04	-5.102661e-04	4.313696e-04
## SPAC24H6.10c	1.174188e-03	-1.989295e-02	-2.552551e-02	6.292678e-04
## SPAC24H6.08	-1.289963e-03	6.426939e-04	-1.531237e-03	-6.472382e-04
## SPAC24H6.05	-1.110757e-03	7.455045e-04	1.350648e-03	-1.965820e-03
## SPAC24H6.03	-1.727690e-04	3.635524e-04	5.918177e-04	-1.159305e-04
## SPNCRNA.47	1.187991e-04	-5.411903e-05	-2.135305e-05	2.056427e-04

## SPAPB21F2.02	-4.458185e-03	-5.997400e-04	7.014201e-03	-4.622739e-03
## SPAPB21F2.03	2.690972e-04	-2.087868e-04	5.431268e-04	-4.630364e-05
## SPAC227.01c	-4.572337e-04	-1.957014e-04	5.674865e-04	-1.108242e-04
## SPAC227.02c	-6.426398e-05	-1.965047e-04	9.263898e-04	-9.361352e-04
## SPAC227.03c	-1.398083e-03	1.804010e-04	-1.205402e-03	-7.820671e-04
## SPNCRNA.656	2.831796e-05	-9.354718e-05	-9.858649e-05	-1.853152e-05
## SPAC227.04	-7.866159e-04	2.133999e-04	7.581344e-04	-1.853681e-04
## SPNCRNA.658	-5.810633e-05	5.528759e-05	-1.058814e-05	1.959463e-05
## SPAC227.14	-9.701071e-04	1.298810e-04	1.689841e-03	-7.835876e-09
## SPAC227.15	-1.343997e-03	6.658733e-06	2.745264e-03	-6.062025e-04
## SPNCRNA.659	2.787301e-04	2.401246e-04	1.109544e-04	-1.333398e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	1.136906e-03	-1.152325e-03	-3.258227e-04	1.017349e-03
## SPAC227.18	-6.591385e-03	-5.245530e-03	-2.719646e-03	-1.997707e-03
## SPAC2F7.02c	-8.745368e-04	4.916920e-04	8.942875e-04	-8.018459e-04
## SPAC2F7.03c	-1.073608e-03	4.078353e-04	6.100539e-04	-1.442828e-03
## SPAC2F7.05c	-4.314692e-03	-4.981675e-03	-2.804044e-03	-2.084474e-03
## SPAC2F7.06c	-1.559503e-04	5.369150e-05	1.322322e-05	-1.148723e-04
## SPAC2F7.07c	-3.273890e-04	7.035690e-04	4.545882e-04	-6.374849e-04
## SPAC2F7.08c	-7.228132e-04	-3.017284e-05	7.779919e-04	-5.398845e-04
## SPAC2F7.09c	-9.838914e-04	-9.829182e-05	1.030258e-03	-4.302477e-04
## SPAC2F7.10	-1.811203e-03	-3.870734e-06	2.375935e-03	-6.147873e-04
## SPAC2F7.11	-2.217524e-03	1.148655e-03	2.896592e-03	-1.484625e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-6.011793e-04	-8.413632e-04	1.059543e-03	-4.334536e-04
## SPAC2F7.16c	-1.333593e-03	1.028016e-03	1.375833e-03	-3.031124e-04
## SPAC2F7.17	-1.541943e-04	-2.953171e-04	6.048462e-04	-7.251302e-04
## SPAC13A11.02c	-4.019060e-03	-6.610471e-03	-1.910641e-03	-4.531939e-03
## SPNCRNA.155	2.243317e-05	-1.732144e-05	9.324182e-06	2.547795e-05
## SPNCRNA.662	-6.354379e-05	1.706758e-05	7.786928e-05	-5.804558e-05
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-2.633708e-04	-1.451893e-04	6.117683e-05	-1.244231e-04
## SPAC3H8.05c	-1.535622e-03	-2.042258e-04	2.457329e-03	-2.223114e-03
## SPNCRNA.664	5.538127e-05	-1.083264e-04	-1.088418e-04	1.021884e-04
## SPNCRNA.665	2.145343e-05	-3.540691e-05	2.111640e-05	1.084512e-04
## SPAC3H8.06	-2.827032e-03	-2.176383e-03	3.715445e-03	-6.607223e-04
## SPAC3H8.07c	4.132046e-05	-1.719726e-04	2.608318e-04	-9.026775e-04
## SPNCRNA.666	-2.000066e-04	-2.390498e-04	-3.015162e-04	-8.973278e-04
## SPAC3H8.09c	-3.565287e-03	1.879821e-03	3.628282e-03	1.214424e-03
## SPAC1F3.07c	2.361563e-05	-4.215836e-04	-2.023614e-04	-2.091496e-04
## SPNCRNA.668	-3.463867e-05	-1.935248e-04	3.484787e-04	3.171327e-04
## SPAC1F3.08c	2.021799e-06	1.010131e-07	-3.121466e-07	-3.326047e-06
## SPAC1F3.09	-7.607009e-03	4.262289e-03	-3.460283e-03	-2.669993e-03
## SPNCRNA.669	-9.198876e-05	6.856598e-05	-8.079453e-04	-5.048111e-05
## SPAC1F3.10c	-1.072802e-03	-7.005985e-05	-1.205251e-04	-3.023791e-04
## SPAC1D4.04	-1.828762e-03	-5.608206e-03	-2.268420e-03	-2.842831e-03
## SPAC1D4.06c	-5.852981e-04	-3.553895e-04	4.294044e-04	-1.242199e-03
## SPAC1D4.08	-1.705558e-03	-1.617620e-03	2.184963e-03	-1.868222e-03
## SPAC1D4.09c	-1.628026e-04	-1.101939e-04	6.338399e-04	1.945781e-04
## SPAC1D4.11c	-2.200866e-03	1.802307e-03	1.834774e-03	-1.310227e-03
## SPNCRNA.672	7.177824e-05	-1.760330e-04	-3.615286e-04	2.723754e-04
## SPNCRNA.673	6.092155e-06	-4.098289e-05	5.523398e-05	1.740512e-04
## SPAC1D4.13	-1.367882e-03	3.774580e-04	1.177640e-03	2.241153e-03
## SPNCRNA.674	-2.192764e-04	7.920207e-06	3.685188e-04	-8.405607e-05

## SPAC22F3.12c	-9.005412e-05	3.060288e-05	1.300910e-04	-1.061080e-04
## SPAC22F3.09c	-9.521277e-04	3.016273e-04	-9.354410e-04	-2.137622e-04
## SPAC22F3.15	-4.372546e-05	-1.079388e-05	4.445792e-04	-3.231582e-04
## SPAC22F3.06c	-1.068151e-02	-2.521564e-03	7.908283e-03	4.207973e-03
## SPAC22F3.04	-1.477450e-05	3.080575e-05	3.973181e-05	-8.099712e-06
## SPATRNAVAL.02	-2.082842e-02	1.275905e-02	3.369137e-03	-9.502369e-03
## SPAC22F3.02	-1.259735e-04	1.091354e-05	-7.111054e-06	-8.309199e-05
## SPAC1296.01c	-2.742297e-03	-6.606333e-04	1.637286e-04	7.889534e-05
## SPAC1296.02	-4.671118e-03	-8.068313e-04	1.592884e-03	-5.304670e-04
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	-3.191858e-03	-1.075420e-04	2.448753e-03	-5.247623e-04
## SPAC1296.06	-8.959016e-04	-3.171664e-04	5.141245e-04	-6.671122e-04
## SPAC22G7.02	-2.193634e-03	-2.958466e-04	2.034035e-03	-2.688548e-03
## SPAC22G7.04	-2.286724e-03	-1.629574e-03	5.170218e-03	-1.187342e-03
## SPAC22G7.06c	-9.373881e-03	-3.591377e-02	-6.547957e-02	-6.676017e-02
## SPAC22G7.07c	-3.941450e-04	-5.926028e-05	4.498224e-04	1.084948e-04
## SPAC22G7.08	-6.873719e-04	2.663572e-04	-1.159385e-03	-1.764102e-04
## SPAC22G7.11c	-6.783231e-04	6.787514e-04	-5.016656e-04	-2.750572e-04
## SPNCRNA.679	-1.521293e-04	1.228985e-06	-1.677064e-04	-1.897408e-05
## SPNCRNA.680	-4.261523e-05	-1.166006e-04	-1.079907e-04	-1.022817e-04
## SPAC4G8.04	-1.482054e-03	-5.318271e-04	4.144603e-04	6.915474e-04
## SPAC4G8.05	-3.436220e-03	1.036123e-03	-1.156190e-04	-8.094861e-04
## SPAC4G8.07c	-5.984731e-04	-3.785871e-04	7.978051e-04	-1.194226e-03
## SPNCRNA.681	1.400442e-05	-8.441165e-06	-3.381077e-06	2.254662e-05
## SPNCRNA.682	7.305180e-05	8.951324e-06	-2.402498e-05	-1.644035e-04
## SPAC4G8.09	-1.697416e-03	-5.697983e-05	3.334122e-03	-5.668901e-04
## SPNCRNA.683	-1.717104e-04	-1.525101e-05	-8.179894e-05	-1.106495e-04
## SPAC4G8.10	-9.973590e-04	3.236392e-04	-1.407678e-03	4.822587e-04
## SPNCRNA.684	-9.531555e-05	1.112112e-04	2.252575e-04	5.136631e-05
## SPAC16C9.01c	-1.745361e-03	6.204918e-04	1.215139e-03	1.584341e-03
## SPNCRNA.685	-1.064218e-04	-4.592559e-05	7.871253e-05	-8.478307e-05
## SPNCRNA.686	-1.543109e-04	1.070009e-04	-1.708558e-04	-2.216975e-05
## SPAC16C9.02c	2.528587e-04	-5.820572e-03	-7.033613e-03	-4.356792e-03
## SPAC16C9.03	1.191787e-03	-2.086998e-03	1.419250e-03	6.651165e-04
## SPAC16C9.04c	-1.527365e-03	-2.822211e-04	9.437290e-04	-3.829152e-05
## SPNCRNA.687	-2.727622e-05	6.408221e-05	4.149394e-04	4.228979e-04
## SPAC16C9.06c	-1.790576e-03	-3.021849e-03	4.716170e-03	-1.612297e-03
## SPAC16C9.07	-2.187731e-03	1.530706e-04	3.793292e-03	-2.158305e-03
## SPAC2G11.04	-3.599714e-04	-5.683398e-05	4.004268e-04	-5.209830e-04
## SPAC2G11.05c	-6.059397e-04	3.241079e-04	5.366698e-04	-5.061409e-04
## SPAC2G11.08c	-1.939698e-04	6.130825e-05	7.774081e-04	-4.388918e-05
## SPAC2G11.10c	-4.621317e-04	-3.579814e-04	1.054021e-03	-4.708727e-04
## SPNCRNA.689	-1.225527e-04	-1.052091e-04	9.127093e-05	-1.148380e-04
## SPAC2G11.11c	-7.890549e-04	-8.016344e-04	3.659010e-03	-2.187343e-03
## SPNCRNA.690	-1.152156e-04	2.325431e-06	5.344610e-05	-1.042607e-04
## SPAC2G11.13	-1.805568e-03	1.129011e-03	-6.653213e-04	-9.470977e-04
## SPAC2G11.14	-3.169961e-03	1.775802e-03	-8.195137e-04	-1.197045e-03
## SPAC2G11.15c	3.215794e-06	-2.270703e-04	1.385251e-04	-2.128656e-05
## SPAC521.04c	-5.464807e-03	1.986067e-03	-6.054202e-04	7.709423e-04
## SPNCRNA.693	-1.881306e-05	-7.228527e-06	-3.377915e-06	1.012245e-05
## SPAC23G3.02c	-3.646392e-03	-1.313610e-03	2.720688e-03	-7.269327e-04
## SPAC23G3.03	-1.748605e-03	4.619270e-04	-1.793297e-04	3.893526e-04
## SPAC23G3.05c	-5.549638e-04	-3.415864e-04	2.675882e-06	-2.410600e-05
## SPAC23G3.09	-2.403655e-03	1.304909e-04	3.553054e-03	-5.165323e-04

## SPAC23G3.11	-3.784519e-03	3.793837e-04	5.881473e-03	6.976413e-03
## SPAC23G3.12c	-1.301268e-03	-2.076734e-03	2.280893e-03	2.116771e-03
## SPAC22H12.03	-3.626115e-04	-2.257459e-04	7.809883e-04	-7.729619e-05
## SPAC22H12.04c	-4.471295e-02	-7.840228e-02	-7.630247e-02	3.652090e-02
## SPAC1687.02	-7.010948e-04	-2.313982e-05	1.045192e-03	-2.965863e-04
## SPAC1687.03c	-9.369380e-04	-1.194101e-03	2.792385e-04	-3.228688e-03
## SPNCRNA.695	4.002377e-05	-2.652464e-05	-7.194840e-05	1.237045e-04
## SPRRNA.12	4.194233e-02	-1.031552e-01	1.197905e-02	2.881065e-01
## SPAC1687.07	-4.066894e-04	9.010900e-05	-1.005917e-04	-2.162818e-04
## SPAC1687.08	-9.102126e-05	2.006844e-05	1.907513e-05	-1.300815e-05
## SPAC1687.09	-4.464592e-03	2.034635e-03	-1.085336e-03	-3.162138e-03
## SPAC1687.10	-1.036279e-03	-2.529303e-04	2.028575e-03	-2.228343e-04
## SPAC1687.13c	-5.341515e-04	-5.891002e-05	-1.685808e-04	-4.264484e-04
## SPAC1687.23c	-6.539606e-06	3.535290e-06	-6.434085e-06	5.461891e-06
## SPAC1687.15	-2.876986e-03	9.537235e-05	1.398518e-03	-1.838633e-03
## SPNCRNA.697	-3.950733e-05	6.960582e-06	1.319506e-04	-6.999999e-05
## SPAC1687.21	1.837628e-04	-9.754090e-04	-3.069226e-04	-7.703753e-04
## SPAC1687.22c	-1.380255e-03	1.126233e-03	8.084247e-04	8.434576e-05
## SPNCRNA.698	1.977738e-05	-2.119955e-04	1.011930e-04	3.252223e-04
## SPNCRNA.699	-1.927035e-04	-7.987861e-05	4.579708e-04	-3.289171e-04
## SPAC222.05c	-1.137552e-03	8.958538e-05	1.767619e-03	-1.251328e-03
## SPNCRNA.700	-1.067090e-04	-6.053497e-05	1.985975e-05	-1.044175e-04
## SPATRNAGLU.02	-1.319796e-01	4.817611e-02	-3.834752e-02	-5.927769e-02
## SPAC222.09	-5.484511e-04	6.945868e-05	2.788138e-04	-2.229723e-03
## SPAC222.10c	-7.478276e-04	5.851239e-04	5.545590e-04	-1.285706e-03
## SPAC222.11	-3.482514e-04	-3.492143e-03	-2.547259e-03	-1.750822e-03
## SPAC222.12c	-4.090747e-02	-1.289638e-02	1.291384e-02	-1.499587e-02
## SPAC222.13c	-1.509216e-03	7.433581e-04	9.403717e-04	-5.739739e-04
## SPAC222.14c	-3.929180e-03	4.727980e-04	4.518883e-03	7.207037e-04
## SPNCRNA.50	-6.897008e-06	-9.455415e-07	3.193313e-05	-4.262743e-05
## SPAC821.03c	-4.261497e-03	-3.471628e-04	2.663865e-04	-3.770969e-03
## SPAC821.04c	-1.469043e-03	3.206582e-04	-7.683923e-04	-1.919938e-03
## SPSNRNA.03	-8.636151e-02	-1.157334e-02	-1.957229e-01	-5.944607e-02
## SPAC821.07c	-1.146709e-03	-6.919721e-04	1.188083e-03	-1.392062e-03
## SPNCRNA.163	-2.544549e-05	-5.340666e-09	5.131494e-06	-7.978623e-06
## SPNCRNA.164	4.937555e-07	1.699456e-06	1.218765e-06	-3.502158e-06
## SPAC821.11	-5.638943e-04	-5.459216e-03	-2.934202e-03	4.349265e-03
## SPAC821.13c	-3.113253e-03	1.869892e-04	3.224675e-03	-3.474533e-03
## SPAC139.03	-1.185810e-03	4.085445e-04	-1.005570e-03	-6.874807e-04
## SPAC139.04c	-1.454738e-03	-8.797656e-05	-1.562927e-04	1.301474e-03
## SPNCRNA.705	1.639986e-05	1.366389e-05	1.953969e-05	-6.364964e-05
## SPAC139.05	-1.707443e-02	1.440361e-02	-2.237921e-02	-1.170478e-02
## SPNCRNA.706	6.892772e-05	-4.856173e-04	-2.603118e-04	-1.725372e-04
## SPAC139.06	3.277302e-04	-1.283347e-03	-6.198787e-05	-2.173087e-04
## SPNCRNA.707	-4.014649e-05	-1.319092e-05	7.647921e-05	1.918865e-05
## SPAC23C4.02	-3.052944e-03	-1.474409e-03	4.318477e-03	-2.739805e-03
## SPAC23C4.04c	2.762772e-04	-1.584682e-04	-1.627127e-04	6.361541e-05
## SPAC23C4.07	-1.633906e-04	2.048426e-05	-3.840572e-04	-3.143545e-04
## SPAC23C4.08	-3.018610e-03	1.479174e-03	-2.262643e-03	-2.801148e-03
## SPNCRNA.708	-9.878508e-05	9.521146e-05	3.121670e-04	-1.455867e-04
## SPAC23C4.12	-1.073795e-03	3.043367e-04	5.600438e-04	-1.206607e-03
## SPAC23C4.16c	-1.750327e-03	1.008522e-04	1.601008e-03	6.478654e-04
## SPNCRNA.709	7.385277e-05	9.275043e-06	-7.637289e-06	-8.046058e-05
## SPNCRNA.166	9.775734e-06	-2.838840e-05	2.070736e-05	8.676315e-05

## SPAC23C4.19	-4.564144e-03	-1.822477e-03	7.286050e-03	-4.743893e-03
## SPAC1A6.11	-2.728595e-05	1.831306e-05	-5.118203e-05	-4.813472e-05
## SPAC1A6.05c	-1.543753e-03	-1.006085e-03	1.809719e-04	-1.066540e-03
## SPAC1A6.07	-2.909168e-03	9.683370e-04	-2.932570e-03	-1.968445e-03
## SPAC1A6.09c	-3.264402e-03	-2.239384e-03	5.245480e-03	-1.887264e-03
## SPAC1A6.10	-2.207109e-03	-3.854340e-03	1.581103e-03	1.455528e-03
## SPAC30D11.13	-3.730547e-04	-1.102386e-05	1.028162e-03	-5.958396e-04
## SPAC30D11.12	8.081208e-03	-1.272977e-02	-8.259664e-03	1.250165e-02
## SPAC30D11.11	-3.021398e-03	-2.281804e-03	-2.155670e-03	-1.292349e-03
## SPAC30D11.10	-8.161960e-04	1.494739e-04	9.278388e-04	-1.368975e-03
## SPNCRNA.712	-1.430603e-04	2.180619e-04	1.591652e-04	-3.080257e-05
## SPAC30D11.09	-9.094518e-04	-1.593014e-04	1.137718e-03	-1.144848e-03
## SPAC30D11.08c	-6.517823e-04	1.105668e-04	-4.088171e-04	-1.019153e-03
## SPAC30D11.04c	-3.280946e-03	2.288255e-03	2.345418e-03	-5.034149e-03
## SPAC30D11.03	1.730555e-03	-4.302005e-03	1.219371e-03	-6.712903e-04
## SPAC30D11.01c	-3.067734e-03	1.448884e-03	2.303098e-04	-6.458914e-05
## SPNCRNA.713	5.515436e-05	-5.864832e-05	-4.393171e-06	-4.537088e-04
## SPNCRNA.714	-1.583512e-06	-1.010065e-06	-1.403898e-05	-1.109020e-05
## SPAC56F8.03	-2.629342e-03	-7.608805e-03	-4.919984e-04	-8.236090e-03
## SPAC56F8.05c	-3.165298e-03	-4.871303e-03	-3.692274e-03	7.195255e-04
## SPNCRNA.715	-8.039090e-05	4.405202e-05	8.249782e-05	7.345452e-06
## SPAC56F8.07	-7.085535e-04	-5.429813e-04	8.398073e-05	4.126761e-04
## SPAC56F8.08	-2.724752e-03	-7.524016e-04	1.175899e-03	2.322355e-03
## SPAC56F8.10	-1.753465e-03	-1.395277e-03	-5.965121e-04	6.880029e-04
## SPAC56F8.11	-5.070204e-04	-4.813414e-04	1.939451e-03	8.973689e-04
## SPAC56F8.14c	-1.035751e-03	-6.334878e-04	-1.098900e-04	-1.169568e-03
## SPAC56F8.13	1.790716e-05	-6.272678e-05	-1.761403e-05	-2.790919e-05
## SPAC56F8.15	-1.857902e-04	1.833695e-04	5.317540e-05	-3.363706e-04
## SPAC22A12.01c	-9.751543e-04	-1.426925e-04	1.367330e-03	-2.259366e-03
## SPAC22A12.03c	-5.277548e-04	-1.852654e-04	9.284804e-04	-1.267493e-04
## SPAC22A12.05	9.631702e-04	-4.233477e-04	1.359226e-03	-2.047636e-04
## SPAC22A12.06c	-5.994381e-04	-2.266838e-03	-1.003764e-03	-1.110527e-03
## SPNCRNA.718	-9.625438e-05	-5.187581e-05	2.221847e-05	-1.298222e-04
## SPAC22A12.13	-6.473210e-04	2.877964e-04	4.556206e-04	-1.043092e-03
## SPAC22A12.15c	-7.267312e-02	-4.522429e-02	1.165947e-01	9.841871e-02
## SPAC22A12.16	-8.895874e-03	-3.160343e-02	-2.284058e-02	5.203851e-03
## SPAC4C5.01	-1.055337e-03	-1.802896e-03	8.555881e-04	-2.281656e-03
## SPATRNAALA.02	-5.980229e-04	-1.532259e-04	-3.622017e-05	2.340851e-04
## SPNCRNA.722	1.198942e-04	-2.236371e-04	-3.067762e-04	-4.312182e-04
## SPAC4C5.04	4.033341e-04	-2.551986e-04	9.710937e-04	1.317543e-03
## SPNCRNA.723	9.011546e-05	8.964295e-06	7.005690e-05	7.524842e-05
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	1.229749e-02	-3.251189e-02	-1.604899e-02	1.564878e-03
## SPAC10F6.04	-1.150140e-03	1.125315e-04	9.120179e-04	-8.082358e-04
## SPAC10F6.06	-4.092191e-02	1.502863e-02	3.842946e-02	5.104360e-02
## SPAC10F6.07c	-9.620550e-05	9.712191e-05	2.706280e-04	2.667434e-05
## SPNCRNA.554	4.425819e-08	4.711373e-06	-1.961706e-05	-1.369445e-04
## SPAC10F6.08c	-6.307145e-05	1.667956e-04	1.178968e-04	-2.092889e-04
## SPAC10F6.09c	-1.822676e-03	6.546563e-04	1.464591e-03	-3.516024e-03
## SPAC10F6.11c	-2.989842e-03	7.200782e-04	9.843564e-04	-2.142482e-04
## SPAC10F6.12c	-5.089805e-05	-1.197765e-03	6.061928e-04	-9.677349e-04
## SPAC10F6.13c	-6.221401e-03	-2.865932e-03	2.754256e-03	6.311777e-04
## SPAC10F6.14c	-1.085607e-03	-2.998475e-05	1.156945e-03	6.170161e-04
## SPNCRNA.82	-1.057782e-06	-1.571460e-07	1.232584e-05	1.024577e-05

## SPNCRNA.727	1.594975e-04	-4.173491e-05	-9.775607e-05	7.078456e-05
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-1.078348e-03	4.720878e-04	-1.871552e-03	-4.598964e-04
## SPNCRNA.729	-1.283430e-05	-4.454312e-06	-1.046120e-05	-4.033674e-05
## SPAC10F6.16	-8.100046e-03	1.143753e-03	-1.761354e-03	1.900813e-03
## SPAC56E4.02c	-1.105696e-04	-1.794893e-04	1.324500e-04	3.380856e-04
## SPAC56E4.04c	-5.073347e-02	-6.852926e-02	-6.544660e-04	-1.741422e-02
## SPAC56E4.05	-1.103089e-03	-6.117406e-04	4.600610e-04	-7.360477e-04
## SPAC56E4.06c	-3.182183e-03	6.050423e-05	4.188080e-04	-1.818252e-03
## SPAC1420.01c	-2.741915e-03	-1.208728e-03	2.866152e-03	-9.492421e-04
## SPAPB17E12.04c	-8.213422e-04	2.901869e-04	2.503135e-04	-5.398708e-04
## SPAPB17E12.06	-3.585008e-04	1.125815e-04	5.526046e-04	-6.965183e-04
## SPAPB17E12.07c	-4.966498e-04	-4.881065e-05	1.292107e-03	-1.988173e-04
## SPAPB17E12.08	-3.350598e-04	-1.086741e-04	3.143118e-04	2.203172e-04
## SPAPB17E12.10c	-4.661578e-04	-1.665746e-05	8.952498e-04	-3.274470e-04
## SPAPB17E12.09	-1.851748e-05	-2.175161e-07	5.919313e-05	-4.596206e-05
## SPAPB17E12.12c	-8.530191e-05	-1.371611e-04	3.864772e-04	3.891096e-04
## SPAPB17E12.14c	-2.798706e-03	2.231682e-04	2.658739e-04	-2.265776e-03
## SPAPB17E12.13	-1.025508e-02	-1.466283e-02	-4.133939e-03	-1.275370e-02
## SPAC1565.01	-2.309498e-03	-2.173197e-03	2.883456e-03	-1.214872e-03
## SPAC1565.02c	-7.788510e-04	-3.780684e-04	1.465157e-03	3.972674e-04
## SPAC1565.04c	-2.723989e-04	7.711765e-05	3.134165e-05	-6.765654e-05
## SPNCRNA.169	-8.408942e-06	-5.291978e-06	1.388361e-05	-1.125715e-05
## SPAC1565.08	-4.869854e-02	-1.084322e-02	3.432308e-02	2.555887e-02
## SPAC6F12.02	-2.281424e-03	-9.672849e-05	1.532818e-03	-1.694238e-03
## SPAC6F12.03c	-1.152512e-03	1.133541e-05	-1.997651e-04	2.237877e-04
## SPAC6F12.04	-3.007982e-03	6.458052e-04	2.806301e-03	5.261258e-04
## SPAC6F12.05c	-1.675742e-03	-2.782960e-04	2.338916e-03	1.292230e-03
## SPAC6F12.10c	-1.217739e-02	-3.261474e-02	-1.077326e-02	-1.769023e-02
## SPNCRNA.734	-8.207811e-06	-5.044755e-06	-5.412951e-06	9.069268e-06
## SPAC6F12.11c	-1.101192e-03	1.796869e-06	1.292941e-03	-6.193762e-04
## SPAC6F12.14	-4.420519e-04	3.016185e-04	2.245156e-03	-5.824561e-04
## SPNCRNA.735	-5.322531e-05	-6.350629e-05	2.799452e-04	1.851327e-04
## SPAC6F12.16c	-1.295135e-04	-5.042992e-03	-3.239357e-04	-7.459233e-03
## SPAC6F12.17	-3.343315e-03	-3.312293e-04	1.008942e-03	-7.810559e-04
## SPNCRNA.736	-2.001478e-04	-5.937971e-06	7.875911e-05	2.684737e-05
## SPNCRNA.737	-7.276545e-05	8.980188e-05	-1.246355e-04	-1.779771e-04
## SPAC57A10.02	-1.894839e-03	6.525585e-04	2.169607e-03	-1.525257e-03
## SPNCRNA.739	-5.665631e-05	4.259049e-05	1.927507e-04	6.213738e-05
## SPAC57A10.04	-2.511029e-05	-3.302433e-06	-2.746426e-05	-1.913456e-05
## SPAC57A10.14	-2.282975e-04	-4.946824e-04	3.456256e-04	-2.279598e-04
## SPAC57A10.10c	2.773496e-03	-2.986524e-03	-3.676433e-03	-2.958126e-03
## SPAC57A10.11c	-3.844387e-04	-3.109965e-04	2.936462e-03	-1.217553e-04
## SPAC20G8.01	-2.690286e-03	8.133913e-06	1.607787e-03	-1.752601e-03
## SPAC20G8.02	-3.071785e-03	1.697742e-03	-1.525751e-04	-2.368503e-03
## SPNCRNA.58	-1.734227e-04	-9.123708e-05	3.709432e-04	4.622911e-04
## SPAC20G8.03	-6.641266e-03	-4.778736e-03	4.147079e-03	3.374779e-03
## SPNCRNA.740	-1.553255e-04	-1.472782e-04	9.989844e-05	-1.276480e-04
## SPAC20G8.07c	-3.045319e-03	-1.882128e-03	-6.092343e-04	-9.159062e-04
## SPATRNCYS.01	-2.489190e-03	3.498394e-04	7.338926e-04	6.590857e-04
## SPAC3A12.02	-2.615685e-04	5.715550e-05	1.045297e-03	9.628221e-05
## SPAC3A12.03c	-5.015859e-04	-4.994487e-04	1.458525e-03	-2.022336e-04
## SPAC3A12.05c	-1.480509e-03	-8.120082e-04	3.122939e-03	-2.526489e-03
## SPAC3A12.06c	-2.660408e-03	5.799383e-04	-1.244405e-03	-1.022070e-03

## SPAC3A12.08	-3.552006e-04	-7.668664e-07	3.116107e-04	1.926769e-04
## SPAC3A12.09c	-2.899151e-04	3.894796e-04	9.869104e-04	-8.514897e-04
## SPAC3A12.10	-1.155794e-02	-3.184436e-02	-3.096874e-02	6.576136e-03
## SPAC3A12.12	-6.678284e-04	4.513828e-05	1.227712e-03	3.285598e-04
## SPAC3A12.13c	-3.229425e-04	-1.496139e-03	3.610860e-03	-2.407175e-03
## SPATRNPAPRO.03	-3.007165e-03	1.709055e-03	1.908114e-03	4.048257e-04
## SPAC3A12.16c	-2.499524e-03	-2.143207e-03	2.415603e-03	-1.667072e-03
## SPAC3A12.17c	-1.394225e-03	-9.612229e-05	-6.729735e-05	3.193908e-04
## SPAC9.02c	-8.013789e-04	-5.496373e-04	1.862296e-04	-5.993559e-04
## SPAC9.04	-2.059478e-06	-1.391482e-06	1.254396e-05	-3.935863e-06
## SPAC9.07c	-2.425670e-03	2.583788e-04	2.046544e-03	-7.914484e-04
## SPNCRNA.742	-1.886455e-06	-1.183864e-04	2.641753e-05	6.894859e-05
## SPATRNAMET.02	-1.975604e-02	-7.620296e-04	1.039383e-02	1.965153e-02
## SPAC9.11	-4.034906e-04	-4.748218e-06	8.204098e-04	-3.741030e-04
## SPAC9.12c	-4.615382e-04	7.003690e-05	8.149407e-04	-5.558478e-05
## SPAC9.13c	-5.892949e-04	6.447805e-04	-4.406432e-04	1.749596e-04
## SPAC5D6.13	-2.991794e-03	-9.318519e-04	4.631723e-03	-1.422582e-03
## SPAC5D6.08c	-2.531198e-04	4.057883e-05	6.637254e-04	-4.422190e-04
## SPAC5D6.06c	2.558232e-05	-1.010592e-04	6.165402e-04	-1.867009e-04
## SPAC5D6.05	-2.607221e-04	-8.406626e-04	1.112167e-03	-3.174437e-04
## SPAC5D6.01	1.643190e-03	-5.053689e-03	1.327611e-03	-4.171232e-03
## SPNCRNA.173	4.534534e-05	-2.154065e-05	6.182986e-06	4.344641e-05
## SPAC57A7.13	-7.444917e-04	1.274910e-04	8.539019e-04	-3.215473e-04
## SPAC57A7.12	-9.656771e-04	-3.733983e-02	-3.913501e-02	-3.457714e-03
## SPAC57A7.11	-2.478328e-03	2.039171e-04	1.093373e-03	-4.043062e-03
## SPAC57A7.09	-1.430019e-03	4.867695e-04	-6.303293e-04	-2.559947e-04
## SPATRNALEU.01	-2.633384e-03	6.884863e-04	3.891313e-04	-4.619354e-03
## SPAC57A7.07c	-3.300613e-04	-2.980240e-04	1.352815e-03	1.702934e-04
## SPNCRNA.744	-2.119640e-05	1.823686e-06	3.668792e-05	-3.928417e-05
## SPAC57A7.05	-5.067422e-03	3.134487e-03	-8.231193e-03	-2.154253e-03
## SPAC57A7.15c	-8.206938e-05	-1.813503e-04	4.142126e-04	9.406867e-05
## SPAC167.06c	-9.993709e-04	1.083316e-03	-1.867800e-03	-8.744900e-04
## SPAC167.02	-1.059177e-03	2.866772e-06	1.642640e-03	1.435788e-04
## SPAC167.03c	-9.568708e-04	3.349317e-05	7.475678e-04	2.012142e-05
## SPAC167.01	-2.312028e-03	5.503692e-04	3.042815e-03	-1.461335e-03
## SPNCRNA.555	-4.811191e-06	4.649218e-06	3.947349e-07	2.534867e-05
## SPRRNA.53	-9.780812e-02	-9.569295e-02	5.905828e-02	2.999104e-01
## SPAC1705.02	-2.675925e-04	-6.419557e-04	1.648601e-04	-8.440144e-04
## SPNCRNA.175	6.426436e-06	-9.487724e-06	-1.386089e-05	-4.374777e-05
## SPAC23H4.18c	-2.944802e-04	1.939791e-04	5.250713e-04	-5.284715e-04
## SPAC23H4.14	-1.191297e-03	1.672540e-04	1.107305e-03	-1.085371e-03
## SPAC23H4.11c	5.105697e-05	9.303666e-05	6.444651e-04	-3.435135e-04
## SPAC23H4.10c	-1.275084e-03	-7.758002e-04	3.420645e-04	-1.094558e-04
## SPAC23H4.09	1.162652e-03	-7.331806e-03	-7.717228e-03	1.277610e-03
## SPAC23H4.06	-1.226505e-02	-1.236316e-02	1.582309e-02	-2.487310e-03
## SPAC23H4.03c	-2.388791e-03	-1.999952e-04	3.602468e-03	-1.453477e-04
## SPAC23H4.02	-5.408857e-04	-3.949733e-04	3.148828e-04	8.466570e-05
## SPAC23H4.01c	-2.032807e-03	-2.067638e-03	-3.271918e-03	-2.876302e-03
## SPAP27G11.02	-1.055190e-03	-2.349956e-04	2.535611e-03	9.449674e-04
## SPNCRNA.748	-2.421938e-05	2.508936e-05	6.850140e-05	7.069616e-05
## SPAP27G11.04c	9.203585e-05	-7.892943e-04	5.774075e-04	6.966955e-04
## SPAP27G11.06c	-7.673814e-04	-3.699732e-04	3.923329e-04	1.475615e-03
## SPAP27G11.07c	-1.852531e-04	1.698036e-04	6.257087e-04	3.343436e-04
## SPAP27G11.08c	-6.048518e-05	3.489797e-05	6.103368e-05	-8.821536e-05

## SPAP27G11.10c	-6.404271e-03	-4.089190e-04	1.117533e-02	-1.581365e-03
## SPAP27G11.11c	4.367798e-06	-9.822601e-06	-5.995435e-05	5.373718e-05
## SPNCRNA.750	4.724218e-05	-1.534402e-05	7.181248e-05	1.647624e-04
## SPAP27G11.16	-2.102055e-04	7.126416e-05	9.991780e-05	-5.569446e-05
## SPAP27G11.12	-3.949006e-03	2.222534e-04	-5.460007e-04	-3.323971e-03
## SPAP27G11.13c	1.928432e-03	-3.588733e-03	-2.406433e-03	1.716884e-05
## SPAC343.02	-5.797658e-04	-1.225185e-03	2.446196e-04	-3.821539e-04
## SPATRNAGLY.01	-4.515237e-03	5.500608e-04	1.002502e-03	2.780050e-03
## SPNCRNA.751	-1.780826e-05	-7.145613e-05	9.478984e-05	-9.803037e-05
## SPAC343.06c	-2.276033e-03	1.037182e-03	-4.735579e-04	3.710580e-04
## SPAC343.09	-6.261660e-03	-7.889424e-04	7.019239e-03	3.207124e-03
## SPNCRNA.753	-1.865560e-05	-1.195776e-05	-6.018154e-05	2.766434e-05
## SPAC343.21	-1.912482e-04	1.106107e-05	-5.743276e-04	-4.685956e-05
## SPAC343.12	-4.071768e-02	2.343238e-02	-3.589089e-02	4.193265e-03
## SPAC343.13	-1.978523e-04	-6.125345e-04	1.558009e-04	5.732543e-04
## SPAC343.14c	-1.812174e-03	-1.701159e-03	-1.782223e-04	-1.247432e-03
## SPAC343.16	-7.698341e-03	-1.931507e-02	-9.026196e-03	-8.780449e-03
## SPAC343.18	-8.464751e-04	4.862067e-05	2.242154e-04	-9.544225e-05
## SPAC343.19	-1.895783e-03	8.623070e-04	8.683679e-04	-3.187100e-03
## SPAC824.02	-3.796632e-03	8.370561e-04	5.270588e-03	-1.971648e-03
## SPAC824.03c	-7.460617e-04	-4.091168e-04	1.105943e-03	-2.083980e-04
## SPNCRNA.755	-2.572573e-05	2.067160e-05	-2.413721e-05	3.800892e-05
## SPAC824.06	-8.280572e-04	-8.603610e-04	2.327335e-03	-4.675686e-04
## SPAC824.09c	-1.429691e-03	-8.254302e-04	2.038243e-03	-2.504148e-04
## SPNCRNA.177	-2.725835e-05	5.456910e-06	-1.668662e-05	-2.556623e-05
## SPAC664.01c	-8.336584e-04	-5.517666e-04	1.823752e-03	-1.559328e-03
## SPAC664.02c	-1.372997e-03	-7.296703e-04	1.395267e-03	-1.559916e-03
## SPAC664.05	-1.749529e-02	-2.438378e-02	-1.498072e-02	-1.769652e-02
## SPNCRNA.756	1.283715e-04	-1.695322e-04	6.553180e-05	-2.597434e-04
## SPAC664.06	5.458842e-03	-5.272709e-03	4.499999e-03	4.572020e-04
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	4.341476e-05	-2.748058e-05	4.218264e-05	7.775288e-05
## SPAC664.13	-2.231078e-04	5.612039e-06	2.910986e-04	-1.713868e-04
## SPATRNALYS.02	-6.893680e-04	1.538265e-04	8.124891e-05	-2.184176e-04
## SPAC664.15	-1.956094e-03	3.687553e-04	-1.073865e-04	-1.596914e-03
## SPAC105.02c	-3.152639e-03	-1.562618e-03	5.031620e-03	2.817608e-03
## SPATRNATYR.01	-4.397582e-03	1.315704e-04	3.310661e-05	-1.015822e-03
## SPAC105.03c	-2.352260e-03	-1.629395e-03	4.466001e-03	-1.798137e-03
## SPAC17A5.01	-8.775239e-04	-1.170892e-03	1.469580e-03	-1.846481e-03
## SPNCRNA.759	-7.559500e-05	1.894852e-05	5.955472e-05	6.405526e-05
## SPNCRNA.556	9.273762e-05	-6.113203e-05	-2.478978e-05	1.592568e-04
## SPAC17A5.05c	-3.483000e-04	-2.373585e-04	7.210967e-04	-4.389072e-04
## SPAC17A5.07c	-8.487437e-04	-1.976556e-04	1.355348e-03	-7.300166e-04
## SPAC17A5.09c	-8.990157e-04	4.265742e-04	1.468222e-03	5.046651e-04
## SPATRNAILE.01	-1.800025e-04	3.753173e-04	6.220638e-04	1.369906e-04
## SPNCRNA.760	-4.187878e-06	4.490725e-05	4.950585e-05	-7.779311e-05
## SPNCRNA.761	-1.483653e-04	-2.715546e-04	-1.326764e-04	-1.438187e-04
## SPAC17A5.13	-2.720882e-04	-1.173667e-03	2.536990e-04	-3.993076e-05
## SPAC17A5.15c	-1.442791e-02	-1.596810e-02	-5.778049e-03	-9.443168e-03
## SPNCRNA.762	-8.012046e-04	-3.916031e-04	6.634716e-04	-2.184037e-04
## SPAC1002.01	-7.625435e-05	-1.060365e-05	2.955702e-05	-5.820930e-05
## SPAC1002.06c	-2.776367e-05	-1.244538e-05	5.375389e-06	-3.592053e-05
## SPAC1002.07c	-6.292362e-04	-9.265064e-04	3.865746e-04	1.742994e-03
## SPAC1002.08c	-1.022135e-03	3.366258e-04	7.241700e-04	1.007746e-03

## SPNCRNA.763	-1.990894e-04	1.230188e-05	2.223442e-05	-5.896748e-04
## SPAC1002.10c	-7.327578e-04	3.331513e-04	1.420698e-03	-2.783809e-04
## SPAC1002.11	-2.783018e-03	8.067373e-04	1.622893e-03	-7.653519e-04
## SPAC1002.13c	-2.628522e-02	-1.316100e-02	4.237321e-02	-1.599053e-02
## SPAC1002.15c	-6.317065e-04	-1.388772e-04	4.507536e-04	-1.195780e-03
## SPAC1002.14	-1.764009e-03	-3.964529e-04	-1.344217e-03	2.230332e-03
## SPAC1002.16c	-4.152520e-05	4.154787e-06	-1.477054e-04	-7.555873e-06
## SPAC1002.17c	-6.743015e-03	2.390871e-03	1.753808e-02	7.871563e-03
## SPAC1002.18	-5.989674e-03	1.333850e-03	1.336793e-02	5.149962e-03
## SPAC1399.05c	-1.041259e-03	-4.646483e-04	1.398079e-04	-8.423871e-04
## SPNCRNA.764	1.286613e-04	-2.062866e-04	-2.683357e-04	-1.446784e-05
## SPNCRNA.178	-8.366351e-05	-2.517853e-05	-8.634285e-05	-1.195978e-04
## SPAC1399.02	-1.121909e-03	-9.167692e-05	9.931648e-04	-9.585364e-04
## SPAC1399.06	-1.144184e-04	-2.124345e-05	5.501225e-05	2.589630e-05
## SPAP11E10.01	-1.675288e-03	-8.975473e-04	2.185760e-03	6.453117e-05
## SPAPB1A10.03	-1.367515e-04	-1.716566e-04	1.989574e-04	7.087915e-05
## SPAPB1A10.16	-4.383059e-04	-1.888022e-04	9.624788e-04	-8.013989e-04
## SPAPB1A10.04c	-3.702310e-04	-4.782874e-04	1.078132e-03	-5.802171e-04
## SPNCRNA.765	-6.869341e-05	7.052028e-05	3.964311e-04	1.480244e-04
## SPAPB1A10.05	-8.214092e-04	1.162961e-04	7.585348e-04	2.324472e-04
## SPNCRNA.766	9.575033e-05	-1.400229e-04	-4.286984e-05	-1.866631e-04
## SPAPB1A10.09	-5.788950e-04	1.205398e-04	5.192979e-04	-4.909715e-04
## SPAPB1A10.13	-2.377828e-04	-1.565349e-04	7.298954e-04	1.048317e-04
## SPAPB1A10.14	-5.006483e-04	2.252366e-04	5.273632e-04	-6.798845e-04
## SPAPB1A10.15	6.216518e-05	-7.778624e-05	2.701602e-04	2.647923e-04
## SPAC140.01	-8.169788e-03	6.722658e-04	5.344403e-03	2.616544e-03
## SPAC140.03	-1.281551e-04	-4.159289e-04	8.898154e-04	4.549673e-04
## SPNCRNA.182	-3.049595e-06	5.426095e-07	-4.526284e-06	-2.180348e-07
## SPNCRNA.772	-1.856870e-06	1.205047e-05	-5.383990e-05	-8.431886e-06
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	-1.865721e-04	-1.872570e-05	-8.550367e-05	-2.913210e-04
## SPAC110.01	-1.610892e-03	5.237562e-04	-1.739929e-03	-4.219399e-03
## SPAC110.03	-3.290724e-03	-3.090549e-03	3.134407e-03	-3.106998e-03
## SPNCRNA.774	-3.824533e-05	-3.381425e-05	2.963671e-04	2.871474e-04
## SPAC3H1.01c	-5.807975e-04	1.073136e-04	4.499400e-03	3.644698e-04
## SPAC3H1.02c	-3.834674e-03	-2.139335e-04	1.941508e-03	-2.206191e-03
## SPAC3H1.04c	-1.597375e-03	4.579161e-04	2.716255e-03	-4.547152e-04
## SPAC3H1.05	-2.957795e-03	-1.818103e-03	5.829660e-05	1.183483e-03
## SPAC3H1.06c	-3.487729e-03	1.794568e-04	4.572372e-04	-2.938370e-03
## SPAC3H1.07	-2.898817e-02	-1.108422e-02	2.481360e-03	-2.446120e-02
## SPAC3H1.09c	-2.624280e-03	9.041274e-05	1.561846e-03	-3.704964e-04
## SPNCRNA.777	-1.347514e-04	-1.813263e-04	-2.475443e-04	-4.990188e-04
## SPNCRNA.781	-1.252971e-04	-7.486456e-05	-2.498313e-04	-1.082384e-04
## SPNCRNA.783	-5.218621e-05	2.110110e-05	-1.016412e-05	-1.928276e-04
## SPNCRNA.784	-3.497038e-06	-1.961386e-05	-2.969293e-05	-5.639535e-05
## SPAC3H1.12c	-6.402916e-04	3.897174e-04	1.167539e-03	-1.164869e-03
## SPAC3H1.13	-2.562549e-04	-2.811954e-04	1.146495e-03	5.352849e-04
## SPNCRNA.530	3.247124e-03	-3.843111e-03	6.619443e-05	9.664307e-03
## SPAC9G1.14	4.742470e-05	4.165262e-06	-7.494491e-06	3.906404e-06
## SPAC9G1.02	-5.221131e-03	8.708352e-04	6.934930e-03	-5.312365e-03
## SPAC9G1.03c	-8.092688e-03	-2.200345e-02	-1.561061e-02	-2.244107e-03
## SPAC9G1.04	-1.946556e-03	-5.189657e-04	2.324915e-03	-1.577740e-03
## SPAC9G1.08c	-4.192892e-04	-6.835618e-05	7.935660e-04	4.729549e-04
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC9G1.09	-5.614462e-04	-3.172054e-05	1.157952e-03	-3.969175e-04
## SPAC9G1.10c	-8.046967e-04	1.594853e-04	1.494885e-03	-7.420414e-04
## SPAC9G1.13c	-7.350235e-04	-2.826373e-04	9.339986e-04	-6.780175e-04
## SPNCRNA.785	2.177935e-04	-2.461199e-04	8.775166e-05	1.169875e-06
## SPAC17H9.02	-1.173032e-03	-1.199535e-03	2.848952e-03	-7.421831e-04
## SPAC17H9.03c	-4.574107e-04	-1.414703e-04	5.301404e-04	-1.129768e-04
## SPAC17H9.04c	1.235767e-03	-8.995233e-03	7.819675e-03	-1.253782e-03
## SPNCRNA.787	-4.234077e-06	-1.760149e-06	-3.762325e-06	4.025568e-06
## SPAC17H9.09c	-6.739335e-04	1.963975e-05	1.578122e-03	1.054490e-03
## SPAC17H9.10c	-3.299307e-03	-4.569287e-04	5.264278e-03	-4.008242e-03
## SPAC17H9.12c	-4.043492e-04	-4.372776e-04	4.151838e-04	-2.929015e-04
## SPAC17H9.13c	-2.534658e-03	-1.424018e-03	3.532305e-03	-3.379322e-04
## SPAC17H9.14c	-3.688842e-03	-3.493886e-03	4.343923e-03	1.230187e-02
## SPNCRNA.184	-1.015033e-05	5.751107e-05	6.295902e-05	-6.097772e-05
## SPAC17H9.16	7.164037e-05	-2.006178e-03	6.750382e-04	1.810700e-03
## SPAC17H9.17c	-4.011246e-04	-6.843150e-05	4.986804e-04	-4.520892e-04
## SPAC17H9.20	-1.635519e-03	-2.178632e-04	2.311420e-03	-2.085695e-03
## SPAC607.03c	1.799664e-03	-1.625907e-02	-1.793220e-02	-5.179840e-03
## SPNCRNA.185	5.546895e-06	-4.729667e-06	3.915250e-06	-2.698827e-06
## SPAC607.04	-3.820147e-04	-6.316017e-04	6.702821e-04	1.091316e-04
## SPAC607.05	-4.769089e-03	-1.293455e-03	4.095106e-03	2.344624e-03
## SPAC607.06c	-1.164436e-03	-6.789275e-05	1.621426e-03	-8.050150e-04
## SPAC607.09c	-1.537658e-03	8.957513e-04	-8.699770e-04	-7.362781e-04
## SPAC732.01	-7.320687e-04	-9.929996e-04	3.881875e-04	8.967333e-05
## SPAC732.02c	-2.176105e-03	3.823981e-04	2.375966e-03	-3.088537e-04
## SPAC3C7.02c	-2.286081e-04	1.982874e-06	3.563245e-04	-3.391233e-04
## SPNCRNA.791	-8.558629e-07	2.586217e-05	3.402503e-05	-3.657904e-06
## SPAC3C7.08c	-3.696325e-04	-1.427978e-02	9.573592e-03	-5.911060e-03
## SPAC3C7.09	-5.896988e-04	-8.528514e-05	3.080451e-04	-1.697978e-04
## SPNCRNA.793	-2.857460e-04	-7.617735e-05	2.801444e-05	2.297990e-04
## SPNCRNA.794	-5.012193e-05	-1.158184e-04	-3.132867e-04	1.504577e-04
## SPAC25A8.03c	-4.035705e-04	-2.538008e-04	7.358022e-04	-6.267529e-04
## SPAC25A8.02	-9.201796e-04	3.063809e-04	-4.071048e-04	-3.517401e-06
## SPAC631.02	-1.750849e-03	-2.038846e-03	-9.151242e-03	1.586885e-03
## SPAC20H4.02	-1.128281e-03	5.025946e-04	1.005537e-03	7.801650e-04
## SPAC20H4.03c	-7.799206e-04	-9.524979e-04	2.092352e-03	5.471171e-04
## SPAC20H4.04	-3.153200e-04	-7.040190e-05	4.499517e-04	-4.304881e-04
## SPAC20H4.08	-1.115667e-03	-2.212551e-04	1.272495e-03	-1.297701e-03
## SPAC20H4.09	-9.304592e-04	-1.331313e-04	7.249081e-04	-1.159045e-03
## SPNCRNA.797	-6.588013e-05	1.024477e-05	-1.151211e-04	7.790157e-06
## SPAC20H4.10	-3.598161e-03	3.305613e-04	3.713316e-03	-9.890765e-04
## SPAC23C11.01	-1.315586e-03	1.242479e-04	1.136051e-03	-1.813380e-03
## SPAC23C11.03	1.203597e-03	-2.638636e-03	1.738590e-03	-2.106809e-03
## SPAC23C11.04c	-2.819483e-04	1.572167e-04	4.515678e-04	-5.206615e-04
## SPAC23C11.05	-1.679530e-02	-1.755607e-02	-9.847717e-04	-9.156574e-03
## SPAC23C11.08	-3.155608e-04	2.157107e-04	1.975880e-04	-4.008061e-04
## SPNCRNA.799	-3.188637e-05	-6.001185e-05	8.431663e-06	5.848487e-05
## SPAC23C11.09	-1.059038e-02	-1.829949e-02	1.106627e-03	-1.782659e-03
## SPAC23C11.10	-1.688934e-04	1.435262e-05	1.861820e-05	-4.936427e-04
## SPAC23C11.11	-2.025710e-03	-1.808574e-03	3.262977e-03	-3.799876e-03
## SPNCRNA.800	4.034370e-04	-2.212975e-04	6.177762e-05	6.083887e-04
## SPAC23C11.14	-4.032943e-03	-4.102228e-03	2.096933e-04	-6.882839e-03
## SPAC23C11.15	-2.799297e-03	-9.631067e-05	3.420714e-03	-1.010990e-03
## SPAC23C11.17	-7.369271e-03	1.290612e-03	6.300970e-03	1.857798e-03

## SPAC13F5.01c	-4.411953e-04	1.277674e-04	1.236004e-03	-7.677897e-04
## SPAC13F5.02c	-1.287529e-03	-3.316026e-04	3.810674e-04	-1.006460e-03
## SPNCRNA.801	-1.198572e-04	-4.380226e-05	2.438956e-04	1.001135e-05
## SPAC13F5.06c	-1.805683e-03	3.870033e-04	2.036569e-03	-5.122289e-04
## SPNCRNA.802	-6.362899e-05	3.227294e-05	1.618292e-05	2.462809e-05
## SPAC13F5.07c	-1.776043e-04	1.387289e-04	3.678109e-04	5.970279e-07
## SPAC1783.02c	-1.002439e-03	-6.352979e-04	1.277193e-03	-4.697846e-04
## SPAC1783.04c	-8.065562e-04	2.121643e-04	9.577317e-04	-4.815691e-04
## SPNCRNA.803	8.226846e-05	-2.650095e-05	-3.721368e-05	-8.661701e-06
## SPAC1783.06c	-8.706088e-05	-4.043325e-06	1.922303e-04	-1.621664e-05
## SPNCRNA.804	-6.753971e-05	-9.104762e-05	8.950392e-05	-1.636392e-05
## SPAC1783.07c	-8.123296e-03	1.939988e-03	-4.046782e-04	-2.062807e-03
## SPAC1783.08c	-1.663992e-02	-2.874154e-02	-2.683919e-02	-1.140938e-02
## SPAC1327.01c	-1.297886e-03	6.365906e-04	8.166253e-04	-2.688061e-03
## SPAC18G6.01c	-4.690509e-04	-1.800618e-04	2.314976e-03	1.519180e-03
## SPAC18G6.02c	-9.578675e-04	1.718636e-04	1.254530e-03	1.247267e-05
## SPATRNAVAL.03	-8.339157e-03	2.402213e-03	4.906668e-03	1.819454e-03
## SPAC18G6.04c	-1.803137e-03	-3.499891e-03	-1.094289e-03	-6.716049e-04
## SPAC18G6.05c	-8.378482e-03	-3.404477e-03	8.455274e-03	-1.037712e-02
## SPAC18G6.06	-2.160526e-04	-6.338091e-04	8.921341e-04	-7.260164e-04
## SPAC18G6.07c	-7.546336e-04	-2.969875e-03	8.288503e-04	-3.375671e-03
## SPAC18G6.09c	-2.800291e-03	9.300687e-04	-1.154437e-03	1.930738e-04
## SPAC18G6.10	-9.917935e-04	1.137618e-04	7.655610e-04	-1.024610e-03
## SPAC18G6.11c	-8.286081e-04	-3.058253e-03	3.504044e-03	-2.045470e-03
## SPAC18G6.12c	-8.409906e-04	-1.784348e-06	4.383475e-04	-2.711944e-04
## SPNCRNA.806	-8.115323e-06	-2.375928e-05	1.587720e-04	3.905070e-05
## SPAC18G6.13	9.396176e-05	-1.299021e-04	2.166063e-04	5.584388e-04
## SPAC18G6.14c	-1.992962e-02	-3.863941e-02	-2.527391e-02	-1.393677e-02
## SPAC13D6.02c	-5.352279e-03	-7.342343e-03	7.684774e-05	-8.557807e-03
## SPNCRNA.189	6.640355e-05	-4.238843e-05	-5.974376e-05	-2.549339e-06
## SPATRNaGLY.02	-2.988362e-03	3.836869e-04	5.512087e-04	8.188888e-04
## SPAC13D6.04c	-2.397159e-04	4.043800e-04	2.172923e-04	-3.196273e-04
## SPAC13D6.05	-4.543449e-04	1.986324e-04	3.617705e-04	8.390669e-04
## SPAC4G9.02	-2.891576e-04	-2.867635e-04	8.843383e-04	-2.036206e-04
## SPAC4G9.07	-4.472573e-05	3.867280e-05	1.165878e-04	-4.615222e-05
## SPAC4G9.08c	-3.991540e-04	-1.880905e-03	2.158349e-03	-2.563871e-03
## SPAC4G9.13c	-1.657980e-04	-9.171981e-05	7.278528e-04	2.063675e-04
## SPAC4G9.16c	-6.263443e-03	-3.216726e-02	-2.909389e-02	-2.056220e-03
## SPAC4G9.17c	-9.665898e-04	-5.086534e-04	6.655136e-04	-3.184639e-04
## SPAC4G9.22	-1.374857e-03	-8.885950e-04	-2.036893e-03	2.679045e-03
## SPNCRNA.811	-3.621894e-05	-4.488858e-06	-1.070054e-05	-2.078635e-06
## SPNCRNA.190	8.334754e-05	4.769968e-07	9.694985e-05	1.600726e-04
## SPAC13G7.07	-1.604970e-04	1.000408e-04	3.627044e-04	-2.803510e-04
## SPAC13G7.08c	-1.025361e-03	-3.885883e-03	9.723579e-04	-3.186152e-03
## SPAC13G7.09c	-5.405414e-04	4.771999e-04	6.692828e-04	3.370339e-05
## SPAC13G7.11	-1.202552e-03	-3.019823e-04	-6.034294e-04	-1.267892e-04
## SPAC6C3.02c	-9.832530e-03	-1.682180e-03	-1.100962e-03	-2.564318e-03
## SPAC6C3.04	-1.032491e-02	-2.839421e-04	-1.481671e-03	-1.229596e-03
## SPNCRNA.814	6.312148e-05	5.240271e-05	8.857975e-06	3.718147e-05
## SPAC6C3.06c	-2.874580e-03	-1.946759e-03	6.064596e-03	-3.706490e-03
## SPAC6C3.07	2.933162e-05	-5.402640e-07	6.621222e-05	9.542557e-05
## SPAC17G8.01c	-1.621248e-03	-8.116453e-04	1.693474e-03	-8.952541e-04
## SPAC17G8.02	-1.563077e-03	-2.732890e-04	3.684635e-04	2.793611e-04
## SPAC17G8.05	-2.093612e-04	-1.474952e-04	8.141512e-04	7.441096e-05

## SPAC17G8.07	-1.284967e-03	-4.639607e-05	9.738655e-04	-7.613825e-04
## SPAC17G8.09	-1.333501e-04	-1.538037e-04	-2.309908e-05	-2.693021e-04
## SPAC17G8.10c	-1.071006e-03	4.374853e-04	-2.635153e-04	3.119634e-04
## SPNCRNA.817	1.691954e-05	-1.998574e-05	-2.078933e-05	5.883790e-05
## SPAC17G8.12	-1.745035e-03	6.309339e-04	4.996904e-04	-7.907421e-05
## SPNCRNA.192	-7.010520e-06	-4.575425e-06	-1.038189e-05	-3.336104e-05
## SPNCRNA.819	-8.139371e-06	-5.170416e-07	7.167947e-06	-9.600851e-05
## SPAC22H10.03c	-2.988947e-03	-5.600622e-04	5.466770e-04	-1.592317e-03
## SPNCRNA.821	-6.679465e-05	1.280377e-06	7.313779e-05	5.748452e-05
## SPAC22H10.13	-3.471354e-03	1.541562e-03	4.593415e-03	3.067772e-03
## SPAC22H10.09	-1.757767e-03	1.414975e-04	2.044817e-03	-1.447229e-03
## SPAC22H10.10	7.296847e-05	-4.614267e-04	3.575478e-04	-5.425147e-04
## SPAC15F9.02	-4.088532e-04	-1.197289e-03	5.035180e-04	9.336719e-04
## SPAC15F9.03c	-2.230605e-03	-3.738237e-03	-2.118163e-03	2.022210e-03
## SPAC1B9.02c	-5.068983e-03	4.852215e-04	3.809257e-04	1.700594e-03
## SPAC1B9.03c	1.050241e-03	-3.333901e-03	1.581835e-03	-4.121759e-04
## SPAC6B12.03c	-5.073909e-04	5.643289e-04	-1.106970e-03	-4.363888e-04
## SPAC6B12.18	6.513415e-04	4.562727e-04	6.646852e-04	-8.149479e-04
## SPAC6B12.07c	-1.022693e-02	3.311525e-03	-1.415423e-02	2.282991e-03
## SPAC6B12.08	-1.012719e-03	4.479036e-04	5.226565e-05	-3.216202e-04
## SPAC6B12.13	-8.086361e-04	-1.753841e-04	1.653913e-03	7.028336e-04
## SPNCRNA.195	4.538034e-05	8.177937e-06	-1.037711e-05	9.930548e-06
## SPAC6B12.15	-3.945316e-02	-5.682944e-02	-2.976942e-02	-3.572589e-02
## SPATRNALYS.03	-4.939661e-04	-2.304894e-05	8.328966e-05	4.563723e-04
## SPAC32A11.02c	-3.837002e-02	3.093138e-02	-7.585443e-02	-2.047692e-03
## SPNCRNA.828	-6.373414e-04	3.614399e-04	-6.665443e-04	1.561160e-03
## SPNCRNA.829	-3.302741e-05	-7.110657e-05	1.874632e-05	3.347436e-06
## SPAC19A8.13	-1.731117e-03	5.188576e-05	6.218048e-05	-1.031911e-05
## SPAC19A8.12	-3.988201e-04	1.004741e-04	2.433243e-04	1.420874e-05
## SPAC19A8.11c	-2.258921e-04	-1.000250e-04	9.842069e-04	1.551190e-04
## SPAC19A8.10	-2.690471e-04	-4.001640e-04	1.152146e-03	1.028061e-03
## SPAC19A8.09	-3.882497e-04	2.642018e-04	1.244453e-06	6.275569e-05
## SPAC19A8.08	-1.950033e-03	9.128551e-05	1.220682e-03	-2.738601e-03
## SPNCRNA.286	5.545203e-06	-2.624027e-06	2.093359e-05	1.586610e-06
## SPAC19A8.07c	3.193319e-04	-1.424031e-03	2.098607e-03	-1.776265e-03
## SPAC19A8.05c	-1.982200e-03	7.105144e-04	3.028990e-04	9.683735e-04
## SPAC19A8.04	-5.441205e-03	-4.844929e-03	-1.543545e-03	-3.587151e-03
## SPAC19A8.03	-1.451360e-03	-6.446284e-04	1.957167e-03	1.101090e-03
## SPAC19A8.02	-3.350644e-03	2.502206e-04	5.842075e-04	-2.269589e-03
## SPAC19A8.01c	-2.257560e-03	5.273830e-04	1.078562e-03	-1.340789e-03
## SPAC23H3.04	-9.153644e-05	1.739249e-04	1.639376e-04	6.904042e-05
## SPAC23H3.05c	-1.080293e-03	-5.429038e-04	7.305608e-04	-1.238540e-03
## SPAC23H3.06	-2.391135e-03	-9.685695e-05	1.119179e-03	-9.382456e-04
## SPAC23H3.08c	-2.807251e-04	8.887476e-05	1.782681e-04	-2.404857e-04
## SPAC23H3.13c	-1.158527e-03	3.721443e-04	-2.933356e-04	-2.338750e-03
## SPNCRNA.197	-6.612271e-06	-1.161659e-05	1.734998e-05	-1.437836e-05
## SPNCRNA.831	-2.561021e-06	-1.227735e-06	-1.831937e-06	7.921836e-06
## SPAC23H3.15c	-1.710813e-01	1.212135e-01	-2.851235e-01	-4.335949e-02
## SPNCRNA.833	-2.544202e-04	-8.555542e-06	4.523979e-05	-4.980075e-04
## SPAC25H1.04	-1.027462e-03	-2.748075e-04	-2.009496e-03	4.707479e-04
## SPAC25H1.05	-1.663210e-03	2.627680e-04	5.947522e-05	-1.650791e-03
## SPAC25H1.06	-1.558166e-03	1.920266e-06	1.222300e-03	-1.477272e-03
## SPAC25H1.07	-8.408812e-03	-1.808579e-03	3.737309e-03	-7.117464e-03
## SPAC25H1.08c	-6.395056e-04	-2.281820e-03	2.181967e-04	-1.507661e-03

## SPAC4A8.04	-1.031707e-02	5.301285e-03	-6.739335e-03	-2.252266e-03
## SPAC4A8.05c	-3.011843e-03	2.913203e-03	8.236119e-03	-6.117592e-03
## SPNCRNA.836	-2.069975e-04	-7.471297e-05	1.427128e-04	-3.623348e-04
## SPNCRNA.837	-2.187566e-06	1.254238e-04	5.279915e-05	-4.245942e-04
## SPAC4A8.07c	-1.180015e-03	-1.085061e-03	1.996545e-03	-1.708366e-03
## SPAC4A8.08c	-1.073438e-03	-6.877229e-04	3.547461e-03	1.291918e-04
## SPNCRNA.838	-4.177191e-05	1.483085e-04	-1.773941e-04	-5.919075e-04
## SPSNRNA.06	-1.886864e-02	3.490159e-03	9.636888e-03	1.332189e-02
## SPAC4A8.10	-3.468504e-03	-7.690555e-04	-2.425636e-03	1.177242e-03
## SPNCRNA.839	-2.284894e-05	1.126738e-05	2.343081e-04	1.118316e-04
## SPAC4A8.12c	-7.115448e-04	-5.049889e-04	1.447624e-03	3.407403e-04
## SPAC4A8.14	-3.239291e-03	-5.092791e-04	1.588619e-03	-7.067582e-04
## SPATRNAILE.02	-1.820569e-02	-1.215493e-03	-3.928599e-03	7.456507e-03
## SPAC823.03	-7.062002e-03	2.521993e-03	-6.361972e-03	1.983619e-03
## SPAC823.07	-1.639872e-03	-6.470194e-05	4.065003e-04	-4.493180e-04
## SPNCRNA.199	-1.687843e-05	5.882027e-05	-4.333009e-05	-5.506757e-05
## SPAC823.11	-1.676727e-03	-1.704426e-03	7.111528e-04	-4.403491e-04
## SPAC823.12	-3.007214e-03	-8.185750e-04	-2.405864e-04	-5.522472e-04
## SPAC823.13c	-6.000192e-04	2.419422e-05	1.029475e-03	-6.357161e-04
## SPAC823.14	-2.973210e-04	-2.497040e-03	-9.782743e-04	2.830487e-03
## SPNCRNA.841	-4.765926e-04	2.057141e-04	-3.496751e-04	-1.039849e-04
## SPAC823.16c	-7.899602e-04	8.033735e-05	1.206935e-04	4.736358e-05
## SPAC7D4.14c	-6.699099e-04	2.750364e-04	4.917320e-04	-1.276016e-03
## SPAC7D4.11c	-1.034925e-03	-9.181314e-05	2.793553e-03	-2.879891e-04
## SPAC7D4.09c	-2.356108e-04	-4.140103e-05	3.969063e-04	-9.693655e-04
## SPAC7D4.08	-7.344094e-05	1.240445e-04	-6.032363e-05	-1.363107e-04
## SPAC7D4.06c	-1.625456e-03	2.666406e-05	1.720990e-03	-8.893254e-04
## SPAC7D4.04	-2.429961e-03	3.009745e-04	2.458145e-03	-3.592112e-03
## SPAC7D4.03c	-4.487885e-03	-1.668179e-05	2.229750e-04	1.216378e-03
## SPAC4F8.15	-4.846723e-03	-8.784115e-04	3.561506e-03	-2.525282e-04
## SPAC4F8.14c	-9.052712e-03	-6.373940e-03	1.452583e-03	-4.388317e-03
## SPNCRNA.843	-2.232245e-05	2.289616e-05	-4.450502e-05	-4.597681e-05
## SPAC4F8.12c	-6.386844e-03	4.750630e-04	1.041082e-02	-5.869571e-03
## SPNCRNA.326	-9.335862e-06	-3.785429e-06	7.131936e-06	2.468265e-06
## SPAC4F8.10c	-5.758313e-04	5.964149e-05	5.638906e-04	4.129938e-04
## SPNCRNA.200	-1.791416e-05	-2.556986e-05	-1.753368e-06	-3.005174e-05
## SPAC4F8.07c	-5.111656e-02	-2.905804e-02	4.356734e-03	-1.787657e-02
## SPAC4F8.03	-4.960853e-04	1.277555e-04	-1.373212e-04	-8.186295e-04
## SPAC4F8.02c	-2.777780e-04	2.435349e-04	2.857819e-04	8.669013e-05
## SPAC4F8.01	-1.394405e-04	2.402128e-04	3.985722e-04	-1.614127e-04
## SPAC644.04	-3.342294e-04	-2.777939e-04	1.655716e-03	-3.729272e-04
## SPAC644.05c	4.854735e-04	-9.104327e-04	-2.327543e-04	-2.443360e-03
## SPAC644.08	-7.786778e-04	2.782048e-04	2.037979e-03	7.405846e-04
## SPAC644.11c	-9.120503e-04	-6.126039e-04	2.358380e-03	1.462655e-04
## SPNCRNA.202	-2.047869e-06	1.876575e-06	8.678034e-06	-3.738026e-07
## SPAC644.14c	-1.039295e-03	5.973982e-05	1.030858e-03	-5.633836e-04
## SPAC644.15	-1.019125e-03	-1.773195e-02	-1.151851e-02	-1.056886e-02
## SPAC644.16	-1.508980e-03	-1.470033e-03	1.904974e-03	-1.410041e-03
## SPNCRNA.845	-3.644322e-05	4.747602e-05	7.049311e-05	7.656037e-05
## SPAPB2B4.02	-8.637937e-04	-8.095383e-04	1.340929e-03	1.136001e-03
## SPAPB2B4.03	-2.195398e-03	2.085104e-03	3.760847e-03	-7.329665e-03
## SPAPB2B4.04c	-7.142174e-03	2.174378e-03	-2.133513e-03	3.059677e-03
## SPAC6F6.02c	-9.878019e-04	-1.177980e-04	8.139617e-04	3.035440e-04
## SPAC6F6.03c	3.577607e-03	-6.052671e-03	5.467157e-03	2.215634e-03

## SPAC6F6.04c	-1.196927e-03	-2.635625e-04	-1.718042e-05	-9.507158e-04
## SPNCRNA.848	-6.241325e-05	1.985562e-06	1.021065e-04	4.663736e-06
## SPAC6F6.08c	-1.488317e-04	6.176679e-05	1.178538e-04	-1.886772e-04
## SPAC6F6.09	-6.549584e-04	1.069135e-04	8.529742e-05	-3.187194e-04
## SPAC6F6.10c	-3.457677e-03	-1.897938e-04	2.410253e-03	1.909666e-04
## SPAC6F6.11c	-5.166088e-04	-3.821206e-04	1.437501e-04	-7.238090e-04
## SPNCRNA.849	6.828937e-05	9.382924e-06	2.224898e-04	-1.170523e-05
## SPAC6F6.13c	-1.760133e-03	2.057830e-04	1.017186e-03	-1.533092e-03
## SPAC6F6.17	-2.995123e-03	-2.363009e-03	7.964347e-03	-3.601018e-03
## SPNCRNA.852	3.473250e-06	2.688661e-06	-3.975580e-05	1.493730e-05
## SPAC1805.03c	-6.424755e-05	-1.623110e-04	6.035013e-04	-8.241010e-05
## SPAC1805.04	-2.529606e-03	-9.041144e-04	2.661861e-03	-1.364533e-03
## SPAC1805.05	-3.539187e-03	-3.483966e-03	5.060171e-03	7.959227e-04
## SPSNORNA.52	2.272192e-04	-4.305617e-04	-1.546805e-03	2.097830e-04
## SPAC1805.11c	-1.002419e-02	-1.262473e-02	-9.546661e-03	-1.314466e-02
## SPAC1805.14	-1.722579e-03	6.140217e-05	2.201793e-03	-1.949960e-03
## SPAC1805.15c	-3.524434e-04	-4.250011e-05	6.331034e-04	-2.284373e-04
## SPAC1805.16c	-1.204100e-03	-3.146948e-04	9.341011e-04	1.099301e-04
## SPNCRNA.208	-2.781353e-06	-4.311770e-06	1.709079e-06	-9.254657e-06
## SPAC1805.17	-8.244815e-03	-3.068706e-03	1.307412e-02	-3.056603e-03
## SPAC1B2.06	8.279154e-05	-3.650650e-04	2.756140e-04	5.883250e-05
## SPAC3F10.02c	-2.987139e-03	-7.669915e-04	2.937619e-03	-1.253908e-03
## SPAC3F10.05c	-9.345217e-04	2.422380e-04	1.721164e-03	-3.854116e-04
## SPAC3F10.07c	-9.815377e-05	1.886976e-05	2.917858e-04	-1.497623e-05
## SPAC3F10.19	-8.024604e-04	-2.270946e-04	2.203517e-04	4.202521e-04
## SPAC3F10.08c	1.008281e-04	-9.007238e-05	1.137963e-03	-2.774319e-04
## SPAC3F10.10c	-3.241344e-04	-4.819234e-05	2.861135e-04	-3.166291e-04
## SPAC3F10.12c	-1.189973e-03	5.271478e-04	1.255945e-03	-7.384468e-04
## SPAC8F11.02c	-3.596746e-04	-4.842383e-04	1.613859e-03	1.027532e-03
## SPAC8F11.05c	-2.157537e-05	6.230299e-05	8.043668e-05	-1.483902e-04
## SPAC8F11.06	-3.352040e-04	8.226942e-05	6.125051e-04	2.597166e-04
## SPAC8F11.07c	-3.346752e-04	-2.626243e-06	1.022691e-03	-5.282561e-04
## SPAC8F11.10c	-4.370493e-03	-1.297484e-03	4.868553e-03	-4.128302e-03
## SPACUNK4.13c	-1.617330e-04	-2.243023e-04	6.576879e-04	2.298881e-05
## SPACUNK4.10	-3.685229e-03	4.884770e-04	3.252766e-03	6.885191e-04
## SPNCRNA.858	-4.691977e-05	1.269558e-05	6.465471e-05	-8.252920e-05
## SPACUNK4.07c	-3.604998e-03	-3.484058e-03	2.035327e-03	-4.896526e-03
## SPACUNK4.06c	-6.439290e-04	-9.063472e-04	3.209126e-03	-1.468634e-03
## SPAC513.01c	-8.066290e-03	-9.811671e-03	-3.334352e-03	-1.101854e-02
## SPAC513.02	-9.878372e-04	1.182774e-03	-1.303273e-03	-9.432858e-04
## SPAC513.03	1.606430e-04	-1.598620e-04	1.002486e-04	4.627917e-04
## SPAC513.05	-3.682339e-03	1.102023e-03	6.444634e-03	3.382646e-03
## SPAC2E1P3.01	-5.954219e-03	3.191880e-03	6.839745e-03	5.601789e-03
## SPNCRNA.859	-6.228101e-05	7.489025e-05	-3.399817e-05	-2.444735e-04
## SPAC2E1P3.04	-3.742057e-03	-1.385884e-03	3.820226e-03	3.668041e-04
## SPAPB2C8.01	-3.466412e-03	-2.238311e-03	-3.520109e-04	-5.546671e-03
## SPNCRNA.864	2.776681e-05	-1.088430e-04	8.262543e-06	1.618116e-04
## SPAPB24D3.05c	-1.069138e-04	6.303433e-05	1.277882e-05	4.031828e-05
## SPAPB24D3.06c	-8.552038e-04	-5.751617e-04	4.407441e-04	2.384228e-04
## SPNCRNA.865	-1.178494e-04	-3.767589e-05	-1.551367e-04	-2.084898e-04
## SPAPB24D3.08c	-3.689479e-03	4.064197e-03	7.409524e-03	-1.750250e-03
## SPNCRNA.866	-7.789290e-04	9.210052e-04	1.242149e-03	-1.129403e-03
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-4.752088e-05	-4.391298e-05	-5.140066e-05	-1.808582e-05

## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-2.178771e-04	7.062167e-05	1.788743e-04	1.475759e-04
## SPAPB1A11.03	-2.678413e-03	1.708873e-03	-6.197275e-04	2.051661e-05
## SPAC31G5.01	-1.191961e-03	-3.022316e-05	1.635532e-03	1.123463e-03
## SPAC31G5.03	-6.486524e-03	-1.796808e-02	-1.586074e-02	-7.154055e-03
## SPAC31G5.05c	-4.170001e-03	-2.799391e-03	-1.564944e-04	6.741105e-04
## SPAC31G5.07	-2.405724e-04	5.230827e-05	-2.808556e-04	9.914762e-05
## SPAC31G5.09c	-2.149278e-04	1.931316e-04	2.736423e-04	-2.086612e-04
## SPNCRNA.872	1.369910e-05	-2.216626e-05	-6.328027e-05	1.832731e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-1.076341e-04	1.577267e-04	2.119785e-04	-1.063575e-04
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	-2.678740e-05	-1.545762e-05	-3.425182e-05	-2.768463e-05
## SPAC31G5.12c	-8.834308e-04	3.214649e-04	-1.710385e-03	1.042343e-04
## SPAC31G5.13	-7.380204e-03	-1.858487e-03	5.176274e-03	6.473116e-03
## SPNCRNA.875	-4.844760e-05	-6.224975e-05	1.341647e-04	-1.215347e-04
## SPAC31G5.15	-1.012365e-03	2.475977e-04	1.550025e-03	-1.002658e-03
## SPAC31G5.17c	-8.075819e-03	-2.807956e-02	-1.429465e-02	1.649645e-04
## SPAC1786.01c	-9.354361e-03	-7.831369e-04	-9.363337e-03	-1.399473e-03
## SPAC1786.04	6.369915e-06	-7.154628e-06	-4.954004e-06	-1.291928e-05
## SPNCRNA.878	-1.741905e-05	2.790008e-05	1.227910e-04	3.999952e-05
## SPAC24C9.03	-1.440424e-04	-1.993521e-03	-6.638006e-04	-7.605539e-04
## SPAC24C9.16c	-2.412910e-04	3.096865e-04	1.744389e-04	1.582795e-04
## SPATRNASER.02	-2.334654e-03	7.735768e-04	1.822497e-03	3.698759e-03
## SPAC24C9.06c	-3.450885e-02	-1.277716e-03	1.542350e-02	1.402052e-02
## SPNCRNA.879	-4.836275e-05	4.938732e-06	-2.681091e-05	-4.199233e-05
## SPNCRNA.880	-2.297344e-04	-1.513795e-04	-2.561710e-05	-1.221466e-04
## SPNCRNA.212	3.568035e-05	-2.160571e-05	-7.903734e-06	4.385791e-05
## SPAC24C9.09	-1.314405e-03	7.296906e-04	1.494322e-03	5.396205e-04
## SPAC24C9.13c	-3.184816e-04	3.084046e-05	1.253823e-04	-2.548310e-04
## SPAC24C9.14	-2.860075e-03	4.162263e-04	5.943714e-04	-5.987604e-04
## SPNCRNA.883	-3.096551e-05	2.348698e-05	-1.641242e-05	-7.135112e-05
## SPAC24C9.15c	3.265858e-05	-7.954785e-06	4.195836e-05	9.100383e-05
## SPAC16A10.01	-4.993211e-03	2.270871e-03	-6.491159e-03	9.370736e-04
## SPAC16A10.03c	-1.218860e-03	-3.128579e-04	2.938875e-03	-1.220383e-03
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-1.050967e-05	9.685908e-06	1.167526e-05	1.882311e-05
## SPAC16A10.04	-6.045754e-04	-1.371513e-05	1.305727e-03	-5.065971e-04
## SPAC589.02c	-1.068941e-03	1.442079e-04	7.056223e-04	-1.236338e-03
## SPNCRNA.886	8.313784e-05	-1.691979e-04	1.002669e-04	5.571196e-04
## SPAC589.04	-8.169318e-04	1.171392e-05	1.633363e-03	-2.383031e-04
## SPAC589.05c	-4.963153e-04	-4.638133e-05	9.738766e-04	-1.743594e-04
## SPAC589.07c	-3.783355e-04	1.056082e-04	-4.837356e-05	-2.041127e-04
## SPNCRNA.560	-6.668259e-05	-4.651468e-05	2.261263e-04	1.552902e-04
## SPAC589.09	-2.368981e-03	-4.184490e-04	-6.197788e-04	2.063885e-04
## SPAC589.10c	2.488003e-02	-2.033686e-02	-2.269147e-02	3.069368e-02
## SPAC589.12	-6.733976e-03	-5.271335e-03	4.579971e-03	2.009259e-03
## SPAC688.03c	-3.025314e-04	1.733904e-04	1.556516e-04	2.060903e-04
## SPAC688.04c	-9.808811e-03	5.060204e-03	-5.257258e-03	1.748420e-03
## SPNCRNA.887	-2.272647e-04	2.170953e-04	3.566731e-04	-8.206613e-05
## SPAC688.10	-1.232376e-03	7.813121e-04	6.859958e-04	-1.338697e-03
## SPAC688.11	-5.506028e-03	-3.100650e-04	7.536977e-03	-4.020121e-03
## SPAC688.12c	-2.103108e-04	-6.038245e-04	3.151743e-04	-1.389467e-04
## SPAC3G9.16c	-1.808099e-04	-1.384747e-04	2.917484e-05	-1.855498e-04

## SPAC3G9.14	-1.185397e-03	3.496940e-04	1.036990e-03	-1.852993e-03
## SPAC3G9.12	-1.041304e-03	4.074226e-04	3.928862e-03	-1.570201e-03
## SPATRNAALA.03	-9.400126e-04	-1.148133e-04	3.901499e-04	4.664685e-04
## SPAC3G9.10c	3.444609e-05	-3.595136e-04	7.885030e-04	-1.099361e-05
## SPRRNA.14	-6.629671e-03	5.642433e-03	4.525846e-03	-3.701147e-03
## SPAC3G9.08	-5.435296e-04	5.576951e-06	2.818375e-04	-1.655464e-03
## SPAC3G9.05	-7.151129e-04	6.513430e-04	1.455542e-03	-1.716403e-03
## SPAC3G9.04	-5.637967e-04	1.041097e-04	5.509335e-04	-5.617554e-04
## SPNCRNA.893	2.042170e-02	-1.708517e-02	-4.249910e-03	6.307403e-02
## SPNCRNA.87	4.416567e-05	1.775868e-07	1.656872e-05	4.957185e-05
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	1.171703e-04	-3.317790e-04	4.248716e-04	-4.006947e-04
## SPAC1486.02c	-1.737918e-03	-3.780497e-04	2.525359e-03	-2.318287e-04
## SPAC1486.03c	-2.105808e-04	5.883553e-04	-1.378655e-04	-4.187080e-04
## SPNCRNA.14	-2.424827e-05	1.752318e-05	-2.963449e-05	4.907354e-06
## SPAC1486.04c	-1.022680e-03	1.073450e-03	4.714639e-03	-4.451001e-03
## SPAC1486.06	-1.877145e-03	-1.675771e-03	2.172590e-03	4.848930e-04
## SPNCRNA.895	-1.495975e-05	-3.535429e-06	-4.821038e-06	-1.553950e-05
## SPAC1486.09	1.593438e-03	-2.995189e-03	1.242640e-03	3.871859e-04
## SPAC6G10.06	5.957289e-05	2.428424e-06	2.810752e-05	9.617453e-05
## SPAC6G10.11c	6.041913e-02	-4.957338e-02	-5.374133e-02	6.110492e-02
## SPAC6G10.12c	3.446670e-04	7.492481e-04	1.886423e-03	-3.828060e-04
## SPNCRNA.897	-4.044410e-05	2.935234e-05	8.648858e-05	-1.030754e-04
## SPAC6G9.01c	-2.790925e-04	1.128692e-05	1.154375e-03	5.327250e-04
## SPAC6G9.04	-1.020898e-03	3.776056e-04	1.612659e-03	-1.810169e-03
## SPAC6G9.05	-8.557636e-04	1.314574e-04	-1.620524e-05	-9.720951e-04
## SPAC6G9.06c	-1.026728e-03	1.726089e-04	2.786039e-03	-2.361398e-04
## SPNCRNA.898	-4.807471e-05	-1.864654e-05	5.543632e-05	-1.501493e-04
## SPAC6G9.07c	-2.364947e-03	5.483289e-04	2.816102e-03	5.910277e-04
## SPAC6G9.08	-3.651198e-03	-9.288509e-04	2.012408e-03	2.442861e-03
## SPAC6G9.10c	1.896882e-04	-5.461844e-03	6.185957e-03	-4.684028e-03
## SPAC6G9.11	-2.446802e-03	-1.617915e-03	1.217603e-03	-5.576467e-04
## SPAC6G9.13c	-3.192439e-05	-2.202555e-05	-2.660451e-05	-2.044196e-05
## SPAC6G9.14	-1.164201e-03	-3.194592e-04	-9.068351e-05	-1.570368e-04
## SPAC6G9.16c	-5.194559e-04	4.119704e-04	4.314500e-04	-8.633863e-05
## SPAPB1E7.02c	-5.654731e-04	3.929299e-04	6.318806e-04	-9.254865e-04
## SPAPB1E7.05	-4.653624e-03	7.092584e-04	1.364040e-03	-6.645387e-04
## SPAPB1E7.08c	-3.721067e-03	2.206695e-03	3.595829e-03	1.337359e-03
## SPAPB1E7.09	-6.736278e-03	-2.030061e-03	5.405827e-03	-4.686827e-03
## SPAPB1E7.11c	-6.896868e-04	-3.780260e-04	1.012079e-03	-1.046141e-03
## SPAPB1E7.12	-2.070670e-02	-5.616463e-02	-2.498181e-02	-3.478704e-03
## SPAPB1E7.14	-9.334929e-04	-3.484108e-05	1.244639e-03	9.236100e-04
## SPAC2E1P5.02c	-4.347856e-04	-1.633148e-05	3.320961e-04	-1.191592e-04
## SPAC2E1P5.04c	-9.682134e-04	5.072958e-06	1.192521e-03	1.873292e-04
## SPAC26A3.01	-2.221375e-02	1.207718e-03	2.249879e-02	1.229115e-04
## SPAC26A3.03c	-1.941426e-04	-2.242175e-04	4.879549e-04	-5.974451e-04
## SPAC26A3.04	-1.268390e-02	-3.364174e-02	-2.951946e-02	9.756281e-03
## SPAC26A3.06	3.739990e-04	-1.078058e-03	5.053113e-04	2.688925e-04
## SPAC26A3.07c	-9.426713e-03	-2.101841e-02	-1.748370e-02	-9.738171e-03
## SPAC26A3.12c	-2.058300e-03	-1.024258e-03	6.427662e-03	-1.579263e-03
## SPAC26A3.11	-1.349026e-03	-1.005496e-03	8.992229e-04	6.245843e-04
## SPAC26A3.14c	-2.458442e-04	3.527751e-04	3.095901e-04	2.643960e-04
## SPAC26A3.16	-6.502977e-03	-1.717205e-03	5.623112e-03	4.185395e-03
## SPAC26A3.17c	2.208897e-03	-3.593576e-03	-7.458829e-04	1.041415e-03

## SPNCRNA.902	3.237182e-05	-4.242266e-06	6.164441e-05	2.070727e-04
## SPAC8E11.10	-2.511551e-03	-7.067202e-03	5.196024e-03	-1.220895e-02
## SPAC8E11.07c	-1.198993e-04	-1.190194e-04	5.927468e-04	3.990087e-04
## SPAC8E11.05c	-1.962751e-03	-3.644417e-04	2.926761e-03	-2.360355e-04
## SPNCRNA.905	-8.537936e-05	1.218104e-04	1.326390e-04	6.847760e-05
## SPAC8E11.01c	-1.358438e-03	-6.018549e-04	1.320607e-03	-5.638233e-04
## SPAC959.04c	5.973685e-05	-2.512492e-04	8.189338e-04	5.023185e-05
## SPAC959.10	-2.569131e-04	-1.216009e-04	2.212063e-04	1.831508e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-2.700869e-05	2.184665e-05	4.732642e-04	3.087846e-05
## SPAC959.08	-1.217639e-02	-3.076429e-02	-2.755711e-02	-3.896127e-03
## SPNCRNA.907	2.263915e-04	-2.578306e-04	2.430419e-04	1.280964e-04
## SPAC3H5.12c	-1.606899e-02	-4.794593e-02	-5.454347e-02	4.387208e-04
## SPAC3H5.11	-1.078916e-03	8.127546e-05	9.632007e-04	-2.403606e-04
## SPAC3H5.13	-1.078141e-05	-1.000877e-04	5.239445e-04	-8.182295e-05
## SPAC3H5.09c	-8.133657e-03	1.412840e-03	6.154547e-03	-5.187779e-03
## SPAC3H5.07	-6.870242e-03	-2.609412e-02	-2.172608e-02	-1.272157e-02
## SPAC3H5.04	-1.040535e-03	-6.216027e-05	-3.176573e-04	-6.943139e-04
## SPAC3H5.05c	-6.491558e-03	-4.648124e-03	6.023706e-03	-2.859943e-03
## SPAC3A11.14c	-3.249289e-04	4.025117e-04	1.328020e-03	-3.316037e-04
## SPNCRNA.561	-6.159556e-05	4.047932e-05	-4.744784e-05	1.424660e-04
## SPATRNAARG.01	-2.022138e-03	3.102348e-03	2.731077e-03	-5.696154e-04
## SPNCRNA.908	9.522786e-05	-6.644710e-05	1.622033e-04	1.481751e-04
## SPAC3A11.11c	-1.753851e-03	-8.293511e-04	2.334820e-03	4.727353e-04
## SPAC3A11.08	-2.005364e-03	4.543938e-04	1.415728e-03	-9.430184e-04
## SPAC3A11.07	-5.368328e-03	3.191152e-04	-2.135017e-03	-3.280259e-03
## SPAC3A11.06	-1.128282e-03	6.421782e-04	-2.542046e-03	-1.748700e-04
## SPAC328.01c	-2.869744e-03	-7.303240e-05	5.476015e-04	-7.454657e-04
## SPAC328.02	-3.279310e-03	1.467116e-03	-4.969750e-03	1.113813e-04
## SPNCRNA.911	-3.117144e-04	9.237905e-05	-3.421711e-04	7.461147e-05
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	-3.607087e-02	1.529199e-02	-2.909570e-02	1.420006e-02
## SPAC328.07c	-1.859851e-03	3.357894e-04	1.185100e-04	-1.199874e-03
## SPAC328.09	-5.247364e-04	-1.290510e-03	2.598975e-04	-3.557807e-04
## SPNCRNA.912	6.189019e-07	-3.182655e-06	-6.294122e-06	7.892937e-06
## SPNCRNA.913	-1.324541e-05	-2.100146e-05	-3.082483e-05	-8.003798e-06
## SPAC16E8.01	-4.006574e-03	1.891925e-03	5.944346e-03	-4.257629e-03
## SPAC16E8.04c	-1.543146e-03	4.618964e-05	1.863473e-03	-9.178464e-04
## SPNCRNA.914	-2.602916e-04	-5.372335e-05	1.801973e-04	-3.319446e-04
## SPNCRNA.562	-8.327095e-06	1.860268e-05	-3.309721e-06	1.667777e-05
## SPAC16E8.08	-2.005454e-04	3.117645e-05	4.650423e-04	-4.397523e-04
## SPAC16E8.10c	-6.137043e-04	-1.088517e-04	1.285411e-03	-3.271633e-04
## SPAC16E8.11c	-7.368831e-04	1.865755e-04	1.283347e-03	-3.627726e-04
## SPAC16E8.18	-6.577761e-05	8.987878e-05	4.634499e-04	-2.190289e-04
## SPAC16E8.12c	-5.086726e-04	1.564116e-04	1.010293e-03	-6.951795e-04
## SPAC16E8.14c	1.752699e-04	-3.078221e-04	1.477258e-04	-3.036851e-04
## SPAC16E8.16	-1.269389e-03	1.898440e-04	1.723912e-03	6.421191e-04
## SPAC16E8.17c	-1.510237e-03	-9.990195e-04	2.391314e-03	1.890915e-03
## SPAC1B1.02c	-2.022957e-03	4.915408e-04	1.130221e-03	-1.747494e-03
## SPAC1B1.03c	-6.593209e-03	-1.037199e-02	8.681052e-03	7.989882e-04
## SPAC1B1.04c	-8.073188e-04	4.103949e-04	1.017068e-03	-8.329423e-04
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-2.437239e-05	-1.227079e-04	4.232910e-05	-2.016446e-04
## SPAC17A2.03c	-2.215786e-03	-1.650803e-03	3.258247e-03	-7.033117e-04

## SPNCRNA.917	-1.194968e-07	-1.321529e-06	-1.262934e-06	-6.822977e-06
## SPNCRNA.918	7.229762e-07	-2.021068e-05	3.282915e-05	-1.732060e-05
## SPAC17A2.12	-4.274754e-04	3.141194e-04	8.507207e-05	-1.056294e-03
## SPAC17A2.13c	2.180635e-04	-1.995437e-03	-8.072490e-04	5.882988e-03
## SPNCRNA.919	-4.100403e-05	2.760668e-05	1.854850e-05	-1.230527e-05
## SPAC17A2.14	-3.426422e-03	1.383118e-05	4.914154e-03	-3.477001e-04
## SPNCRNA.600	-2.671821e-05	8.053035e-05	3.772203e-05	-2.437319e-04
## SPAC17G6.07c	-1.713861e-04	-2.592904e-05	8.898634e-04	-1.339356e-04
## SPAC17G6.09	-1.771580e-03	-6.595271e-04	1.698782e-03	-1.622754e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	-2.230241e-03	5.771181e-04	1.971494e-03	-9.784243e-04
## SPNCRNA.922	-5.505104e-05	-3.274855e-05	-2.891619e-05	-1.484759e-05
## SPAC1142.03c	-9.959729e-04	-1.171989e-04	1.444952e-03	-6.036620e-04
## SPRRNA.16	-2.732049e-04	2.912851e-04	-2.684508e-04	-1.467044e-05
## SPNCRNA.924	9.162209e-07	1.762278e-06	-2.929370e-06	-3.468204e-06
## SPAC8C9.03	-5.267110e-03	2.760992e-03	-8.212198e-03	2.665548e-03
## SPAC8C9.05	-1.633913e-04	-1.888638e-04	7.795185e-04	8.099772e-04
## SPAC8C9.06c	-2.678030e-03	2.950431e-04	2.555576e-03	-7.963729e-05
## SPAC8C9.10c	8.581390e-04	-1.086295e-03	5.059527e-04	4.098791e-04
## SPAC8C9.16c	-9.678181e-04	3.906337e-04	3.065147e-05	4.360726e-04
## SPAC15A10.01	-1.455526e-03	1.791899e-04	8.165639e-04	-8.649542e-04
## SPAC8C9.17c	2.387872e-05	-6.076173e-05	7.418522e-04	4.334002e-04
## SPAC15A10.02	-3.044686e-03	-1.005950e-03	1.945441e-03	-2.944111e-04
## SPAC15A10.03c	-1.209299e-03	1.607283e-05	1.171845e-03	-4.865073e-04
## SPAC15A10.04c	-3.441235e-04	-7.119128e-03	1.231444e-02	5.410885e-03
## SPAC15A10.05c	-5.312580e-04	2.864975e-04	9.337610e-06	2.480110e-04
## SPAC15A10.07	-1.914856e-04	5.763040e-04	1.871283e-04	-3.383365e-05
## SPAC15A10.10	-1.908389e-04	-1.059529e-04	1.338980e-03	4.824655e-04
## SPATRNPAPHE.01	-4.685487e-03	-2.232118e-03	2.389101e-03	8.257314e-03
## SPATRNPAPHE.04	-3.455513e-03	-2.205530e-04	2.452277e-03	3.491499e-03
## SPNCRNA.929	3.454758e-05	-1.555240e-05	3.534151e-06	-9.891330e-05
## SPAC15A10.15	-1.257214e-03	2.902637e-04	9.715497e-04	-2.506368e-03
## SPAC15A10.16	-2.600714e-03	1.979736e-04	3.306561e-03	-2.599421e-03
## SPAC15E1.02c	-7.399498e-03	6.156060e-03	4.382356e-03	6.102751e-03
## SPAC15E1.04	-1.645960e-03	3.384377e-04	1.572876e-03	-7.505836e-04
## SPAC15E1.06	8.575489e-06	-5.372434e-04	1.137992e-03	1.117698e-03
## SPAC15E1.07c	-2.041295e-05	9.073114e-06	4.167972e-05	-1.061755e-04
## SPAC15E1.08	-2.123116e-04	-1.638681e-04	9.860077e-04	-6.353463e-05
## SPNCRNA.931	-2.752971e-05	1.696455e-05	-1.570719e-05	3.343416e-05
## SPNCRNA.524	6.536983e-07	1.072317e-05	2.278875e-06	9.194652e-06
## SPAP7G5.03	-7.393628e-04	2.014318e-04	4.915419e-04	1.583434e-04
## SPAP7G5.04c	-1.777158e-02	-2.846943e-02	-8.767046e-03	-1.361907e-02
## SPNCRNA.933	-7.618188e-05	7.165271e-06	2.893200e-06	1.550517e-05
## SPAP7G5.06	-6.659127e-03	2.364720e-03	5.636672e-03	4.740437e-03
## SPATRNPAPHE.02	-1.360414e-02	1.185917e-02	1.716103e-03	-2.874159e-03
## SPATRNPAPHE.04	-6.419974e-05	7.954721e-05	1.631420e-04	9.093516e-05
## SPATRNPAGLU.03	-3.503507e-03	1.989070e-04	-1.043587e-03	1.506258e-03
## SPATRNPAPHE.04	-1.290613e-05	-1.701331e-05	4.353083e-05	-1.928237e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-3.605685e-06	-4.460574e-06	-4.293904e-07	8.754578e-07
## SPAP4C9.02	-1.539244e-04	4.577502e-05	2.232024e-04	-3.379463e-04
## SPNCRNA.936	-7.640681e-05	4.366621e-05	1.716163e-04	-1.293426e-04
## SPAC1556.02c	-1.092596e-02	-6.944719e-03	3.519590e-03	-7.557958e-03

## SPAC1556.06	-1.096029e-04	-6.855791e-07	9.164651e-05	-2.511591e-04
## SPAC1556.07	-3.719545e-03	-8.276449e-03	-3.063530e-03	9.481036e-03
## SPAC1556.08c	-2.139396e-03	-1.072296e-03	4.013204e-03	-1.577219e-03
## SPAC1F12.06c	-2.934983e-04	5.427347e-05	4.085304e-04	-2.028250e-04
## SPAC1F12.08	-3.690807e-05	-1.390742e-04	1.635833e-04	4.006878e-04
## SPAC1F12.09	-1.208708e-03	3.809024e-04	1.913849e-03	-1.365393e-03
## SPAC1F12.10c	-2.419733e-03	1.915895e-03	-5.121768e-03	1.092692e-03
## SPAC4H3.17	-6.823769e-06	1.187790e-05	3.652721e-05	1.538838e-05
## SPAC4H3.02c	-5.293999e-04	2.342812e-04	2.571691e-04	4.937832e-05
## SPNCRNA.938	-3.053511e-05	1.650128e-05	2.991124e-05	2.730305e-05
## SPRRNA.17	-9.212558e-04	-5.653017e-05	1.184086e-03	-1.349029e-03
## SPAC4H3.04c	-4.324589e-04	2.690733e-04	5.211743e-04	-2.159079e-05
## SPAC4H3.05	-1.164295e-03	7.532032e-05	2.077156e-03	-1.071062e-03
## SPAC4H3.16	-3.888799e-04	-5.756524e-04	6.789769e-04	-2.638556e-04
## SPNCRNA.939	1.603953e-04	1.238802e-04	3.396158e-04	-2.666356e-05
## SPAC4H3.07c	-1.444397e-03	-8.414484e-04	1.241337e-03	-6.889690e-04
## SPNCRNA.940	-7.266814e-05	1.730587e-05	4.839076e-05	1.075847e-04
## SPAC4H3.08	-3.145203e-03	2.542922e-03	-1.097466e-03	-8.135900e-04
## SPAC4H3.10c	-1.481776e-01	-1.232037e-01	1.582549e-02	-6.751246e-02
## SPAC4H3.11c	-1.342813e-03	6.379672e-04	-3.170229e-04	-2.646562e-03
## SPAC4H3.13	-2.039278e-04	1.658340e-04	1.032255e-03	1.078758e-03
## SPAC4H3.14c	-6.497150e-04	3.017817e-04	2.389693e-03	-1.476352e-04
## SPAC1071.04c	-3.345702e-04	-1.816354e-04	2.514129e-04	-4.856583e-05
## SPAC1071.07c	-3.110232e-03	-5.561645e-02	-5.480556e-02	4.581629e-02
## SPAC1071.09c	6.813978e-04	-7.920487e-04	-1.690529e-04	7.962053e-04
## SPNCRNA.92	-2.499165e-07	2.015060e-06	-1.331279e-06	7.014184e-07
## SPNCRNA.944	-4.673753e-05	-1.673674e-04	-5.963239e-05	-5.591687e-05
## SPAC1071.11	-5.512846e-04	-8.720557e-05	2.920701e-04	-1.806086e-04
## SPNCRNA.947	-4.639334e-05	3.071784e-05	1.809457e-04	2.418225e-05
## SPAC926.06c	-2.148911e-03	1.645872e-05	1.290138e-03	-1.213157e-03
## SPAC926.07c	-1.200761e-04	-2.776460e-04	7.256777e-04	1.249129e-04
## SPAC926.08c	3.654408e-03	-5.728679e-03	9.465606e-04	-4.510280e-04
## SPAC323.02c	-4.274608e-03	-3.058685e-04	1.812263e-03	2.506375e-04
## SPAC323.03c	-6.196613e-04	-5.931405e-05	8.243618e-04	-1.018677e-03
## SPAC323.04	-2.223185e-03	-2.186920e-03	9.551175e-04	-1.415274e-03
## SPAC323.05c	-4.544260e-04	-3.099552e-04	1.085662e-03	-6.412002e-04
## SPAC323.08	-1.262278e-04	-8.038112e-05	4.084914e-04	1.101121e-05
## SPAC2F3.01	-1.549231e-03	-6.027481e-05	1.841479e-03	3.007515e-04
## SPAC2F3.17c	1.218980e-04	-1.651256e-04	1.828788e-03	4.799317e-04
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-6.756668e-04	-2.734370e-03	-1.672562e-03	1.266510e-03
## SPAC2F3.10	-2.033017e-03	-2.447061e-04	2.129291e-03	-1.227211e-03
## SPAC2F3.13c	-3.831498e-04	-4.947692e-04	5.571636e-04	-1.027150e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	-3.966685e-04	2.291322e-04	6.373570e-05	-8.198265e-04
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	-8.055928e-04	1.495172e-04	1.125850e-03	-9.917594e-04
## SPAC2F3.16	-2.168755e-03	6.104296e-04	-9.639440e-04	-1.313202e-03
## SPAC11G7.05c	-5.192158e-04	1.743737e-04	4.444097e-04	1.506781e-04
## SPAC11G7.06c	-5.989590e-04	1.841763e-04	6.319784e-04	-5.104582e-04
## SPNCRNA.952	-6.944339e-05	-9.566588e-05	1.561879e-04	-8.313219e-05
## SPAPB18E9.02c	-4.086361e-03	1.518497e-04	5.643619e-04	-3.421532e-03
## SPNCRNA.953	-1.373382e-04	-3.630642e-04	1.674330e-04	-2.173863e-04

## SPAPB18E9.04c	-4.042834e-05	3.458419e-05	9.737571e-05	1.335309e-05
## SPNCRNA.954	-1.246635e-04	-1.494379e-04	-2.210770e-04	-1.366459e-06
## SPAPB15E9.06	5.551433e-06	-5.712979e-05	4.437286e-05	-5.361135e-05
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-7.644187e-04	-2.271155e-04	1.658139e-03	2.714364e-04
## SPNCRNA.955	-7.808861e-05	5.917881e-05	1.262549e-04	-2.654332e-04
## SPAC27E2.03c	-3.618436e-03	-4.409195e-03	-5.078558e-03	1.155241e-03
## SPAC27E2.11c	9.391792e-08	7.243047e-06	-1.174020e-05	-1.732025e-05
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	-4.800075e-05	7.430461e-08	9.193788e-05	-5.958082e-05
## SPAC27E2.12	6.240906e-06	2.809839e-06	-2.011607e-06	1.446087e-05
## SPAC27E2.06c	-1.296454e-03	2.951937e-04	9.679244e-04	2.100632e-05
## SPAC27E2.07	-2.605897e-04	4.986850e-05	3.900803e-04	-4.153041e-04
## SPAC27E2.08	9.471872e-06	1.429142e-05	1.826728e-05	6.472469e-06
## SPAPJ698.02c	-6.438651e-03	-2.005083e-02	-1.255091e-02	-1.501659e-02
## SPAC19G12.01c	-4.917801e-04	-7.058951e-05	3.141677e-04	-5.853649e-06
## SPAC19G12.03	-1.807659e-03	-1.548921e-05	3.087711e-03	1.378141e-04
## SPNCRNA.956	3.582044e-05	2.316064e-05	3.908770e-05	-4.256077e-05
## SPAC19G12.05	-1.647409e-03	-2.359421e-03	1.017888e-03	-3.304279e-03
## SPAC19G12.10c	-5.300963e-02	2.710180e-03	3.442139e-02	1.154865e-02
## SPAC19G12.17	-5.651095e-04	-8.074309e-05	5.357170e-04	-6.358927e-04
## SPAC19G12.11	-1.469443e-03	-8.821963e-04	2.413779e-03	1.251820e-03
## SPAC19G12.12	-1.009134e-03	9.636548e-05	1.293680e-03	1.846788e-05
## SPAC19G12.15c	-1.547865e-02	3.327231e-04	1.981207e-02	6.404398e-03
## SPAC19G12.16c	-2.223150e-03	1.592842e-03	-3.315042e-03	-1.311277e-02
## SPAC23A1.02c	-1.036618e-03	4.130370e-04	-1.372666e-03	-1.890934e-03
## SPAC23A1.03	-2.732520e-04	-7.816306e-03	-1.501467e-02	-3.789064e-03
## SPAC23A1.04c	-7.942274e-04	6.468559e-04	1.253454e-03	-8.804160e-04
## SPAC23A1.05	-1.933929e-03	-2.659493e-04	1.130893e-03	-1.622686e-03
## SPAC23A1.06c	-1.946396e-03	5.955877e-04	-2.191059e-03	-6.981437e-04
## SPAC23A1.09	-1.046464e-03	4.385718e-04	-8.650501e-06	-1.374778e-03
## SPNCRNA.957	-2.679257e-05	2.331866e-05	5.465581e-05	5.655645e-07
## SPAC23A1.11	7.703712e-04	-4.264303e-03	-8.572233e-03	1.916865e-03
## SPAC23A1.12c	-2.755464e-03	-6.709605e-03	-4.012246e-03	-1.013397e-03
## SPNCRNA.958	-5.736978e-05	-1.124738e-04	-1.894076e-05	1.567687e-04
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	-2.555142e-03	3.943866e-04	-9.965533e-04	-3.953750e-04
## SPAC23A1.17	-1.646097e-03	1.100846e-03	1.549940e-03	-1.886416e-03
## SPAC23A1.18c	-2.147005e-03	-1.762138e-04	-4.086337e-04	-3.914417e-04
## SPAC23A1.19c	-1.976174e-03	6.115046e-04	3.078644e-03	-2.278262e-03
## SPAC26H5.02c	-1.187110e-03	3.196283e-04	1.105713e-03	-1.069090e-03
## SPAC26H5.03	-8.631778e-04	8.638349e-05	7.707869e-04	-6.204811e-04
## SPNCRNA.959	4.240115e-06	4.979575e-05	8.340003e-05	8.683839e-05
## SPNCRNA.960	-2.947695e-05	4.971427e-05	-7.098814e-05	2.193822e-05
## SPAC26H5.05	-3.589377e-03	-9.320201e-04	3.630571e-03	-2.823731e-03
## SPAC26H5.06	6.773286e-05	-1.607290e-03	1.390118e-03	-1.171362e-04
## SPNCRNA.963	-2.607278e-05	-7.093207e-05	-5.010980e-05	1.474720e-04
## SPAC26H5.11	-2.450211e-03	2.246252e-04	1.350674e-03	-2.228801e-03
## SPAC26H5.12	-1.871344e-03	-8.375201e-04	3.388807e-03	9.692531e-04
## SPAC26H5.13c	-1.084795e-03	-5.604780e-04	5.740663e-04	-1.153833e-03
## SPAC25B8.01	-2.621421e-04	-6.262599e-04	-1.083352e-03	2.528085e-04
## SPAC25B8.06c	-2.748654e-04	-1.260404e-04	1.804359e-03	4.876605e-04
## SPAC25B8.08	-1.962071e-03	8.076115e-04	-9.054768e-04	-1.034406e-03
## SPNCRNA.966	7.119096e-05	-8.138957e-06	3.296400e-05	9.138221e-05

## SPAC25B8.09	-5.599168e-04	-6.827365e-04	1.111065e-03	5.079369e-04
## SPAC25B8.12c	-2.801205e-02	8.850163e-03	-1.288832e-02	-6.990918e-03
## SPAC25B8.17	-1.097170e-03	-2.603457e-04	1.818956e-03	-3.648012e-04
## SPAC25B8.18	-2.967482e-04	-5.442577e-05	2.810102e-04	1.569013e-06
## SPAC25B8.19c	-1.099446e-03	3.880295e-04	3.972804e-04	-9.979713e-04
## SPAC683.03	-2.047747e-05	-1.672441e-06	-2.560350e-05	1.737175e-05
## SPNCRNA.969	4.273897e-05	-1.593561e-05	2.966997e-05	4.974867e-05
## SPAC683.02c	1.294076e-03	-7.887156e-04	1.117211e-03	-1.546773e-03
## SPAC694.02	-1.798224e-02	-1.405723e-02	-4.713317e-03	-1.063228e-02
## SPAC694.05c	-1.219741e-02	-3.889108e-02	-3.178207e-02	2.263852e-02
## SPAC694.06c	-3.648902e-04	2.181180e-04	2.273433e-03	-3.272389e-03
## SPAC1F7.01c	-3.934188e-03	-2.993490e-03	8.558252e-03	-1.035618e-03
## SPAC1F7.14c	1.741535e-04	-3.868394e-04	8.984108e-05	5.170195e-04
## SPAC1F7.04	-7.634413e-03	-7.405294e-03	6.432190e-03	-3.260233e-03
## SPAC1F7.05	1.826021e-03	8.913977e-04	6.879931e-04	-2.128012e-02
## SPNCRNA.973	7.077574e-06	-7.020849e-05	1.824135e-04	-1.217269e-04
## SPNCRNA.243	-1.098730e-05	-7.146013e-06	8.199284e-06	-2.428286e-05
## SPAC1F7.08	3.188947e-03	-2.318579e-02	-9.369925e-03	-1.808150e-02
## SPAC1F7.09c	-3.474159e-04	-1.202980e-04	4.997764e-04	-1.461824e-05
## SPAC1F7.13c	-1.890428e-02	-5.873663e-02	-4.040790e-02	3.469591e-03
## SPAC21E11.04	-6.702541e-04	-1.998178e-04	7.371455e-04	3.045250e-04
## SPAC21E11.06	-1.971039e-03	-2.629017e-03	1.718073e-03	-5.821119e-04
## SPNCRNA.13	-5.608056e-06	3.067484e-05	1.019026e-05	2.956762e-05
## SPAC21E11.07	-8.599878e-04	-2.528748e-05	8.069154e-04	-3.153427e-04
## SPAC2C4.03c	-3.357825e-04	-1.936810e-04	5.123148e-04	-4.879291e-04
## SPAC2C4.04c	-5.093458e-04	-5.384140e-04	1.887440e-03	1.645961e-03
## SPNCRNA.98	1.583593e-01	-7.689002e-02	2.239999e-01	-1.881929e-01
## SPAC2C4.07c	-1.154605e-03	9.003884e-04	-9.668461e-05	-1.358674e-03
## SPAC2C4.09	-6.664879e-04	2.616617e-04	-1.127272e-05	-3.079032e-04
## SPAC2C4.10c	-5.766017e-04	1.493261e-04	2.295553e-03	6.186991e-04
## SPAC2C4.13	-1.550366e-03	-6.963524e-04	3.309166e-03	-1.108187e-03
## SPAC2C4.17c	-1.173437e-02	4.559255e-03	-2.587052e-02	1.205646e-03
## SPAC25G10.02	-1.580479e-04	2.616527e-04	5.370638e-04	4.586443e-05
## SPAC25G10.03	-5.762462e-03	-2.890096e-03	3.830453e-03	-9.436757e-04
## SPAC25G10.04c	-8.516849e-05	2.296136e-05	-1.914785e-04	-1.965624e-05
## SPAC25G10.08	-5.191325e-03	-2.544982e-02	-2.010347e-02	-1.742011e-03
## SPAC27F1.05c	-5.866658e-04	1.628679e-04	7.425900e-04	-2.285433e-04
## SPNCRNA.977	-2.674968e-04	-6.979550e-05	1.371590e-04	-2.814447e-04
## SPAC27F1.10	-6.343759e-06	3.280174e-06	-2.836897e-05	1.841688e-05
## SPNCRNA.978	-4.321976e-05	-8.559451e-06	-1.173929e-05	-6.262437e-05
## SPAC27F1.06c	2.775882e-03	-4.230608e-03	-2.619596e-03	-2.225902e-03
## SPAC23D3.04c	-2.117621e-03	-7.995206e-03	3.345114e-03	-4.165906e-03
## SPAC23D3.05c	-1.943425e-04	2.082684e-04	4.516947e-04	-1.816519e-04
## SPAC23D3.06c	-1.495733e-03	-1.924078e-03	2.129197e-03	-1.123273e-03
## SPAC23D3.07	-2.443647e-03	3.514063e-04	3.548384e-03	6.567883e-03
## SPAC23D3.09	-4.539345e-04	-8.361240e-04	3.244981e-03	2.092802e-03
## SPAC23D3.10c	-2.302462e-03	3.506021e-04	7.018062e-04	-1.857713e-03
## SPNCRNA.244	-1.549065e-05	1.300592e-05	-5.054316e-06	-5.373166e-05
## SPAC23D3.12	-8.631427e-03	-9.684875e-04	-2.359831e-03	-6.676234e-03
## SPAC23D3.16	4.163114e-04	-6.372245e-04	5.030810e-04	4.766843e-04
## SPAC23D3.13c	-3.336232e-03	3.434235e-04	4.613678e-03	-4.221748e-03
## SPAC23D3.14c	-1.461303e-04	2.491058e-05	3.585268e-04	-7.990867e-04
## SPNCRNA.982	-7.525227e-04	4.524878e-05	3.872081e-04	-6.653453e-04
## SPAC1527.01	-3.644924e-03	-1.072367e-03	3.474066e-03	-2.134183e-04

## SPAC1527.02	-7.117233e-04	7.928052e-05	7.808956e-04	-5.887898e-04
## SPAC1527.03	-1.747954e-03	-3.755696e-04	3.292745e-03	-3.636763e-03
## SPAC30.03c	-2.840140e-04	5.206759e-05	1.112507e-03	-5.092038e-04
## SPNCRNA.983	-6.213265e-06	6.081409e-06	1.592020e-05	-4.864595e-06
## SPNCRNA.984	-1.895150e-05	-5.927851e-05	7.452685e-05	9.102494e-05
## SPNCRNA.246	-1.402118e-06	-2.923333e-06	2.415495e-06	-8.298484e-06
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	-1.466567e-03	-6.054741e-04	2.254147e-03	-1.366851e-03
## SPAC29E6.06c	-1.680876e-03	-4.258159e-03	1.786707e-03	-4.389408e-03
## SPAC29E6.09	-7.187280e-04	2.916766e-04	8.508096e-04	-4.880586e-04
## SPAC29E6.10c	-2.125744e-03	1.034581e-03	1.505946e-03	-5.028953e-03
## SPAC16.02c	-1.462455e-04	8.935483e-05	-9.573767e-04	-1.597637e-03
## SPNCRNA.247	-2.765177e-06	-9.518918e-06	7.916384e-06	-3.978444e-05
## SPAC16.04	-3.483712e-04	-1.208431e-03	3.292527e-03	-1.435048e-03
## SPNCRNA.99	-1.644081e-04	-7.659022e-05	-1.742204e-05	-2.199474e-04
## SPAC9E9.02	-5.306882e-05	-2.737945e-04	-8.318282e-04	5.251058e-04
## SPNCRNA.988	1.965674e-05	4.734286e-07	-7.721046e-05	1.494196e-04
## SPAC9E9.05	-4.085552e-05	-1.874942e-04	6.068998e-04	-1.240739e-05
## SPAC9E9.06c	-9.503858e-03	-1.175343e-02	-2.963823e-03	-5.416018e-03
## SPAC9E9.07c	-4.266269e-03	-1.575262e-03	1.428113e-03	2.429689e-04
## SPAC9E9.08	-1.401783e-03	3.723601e-04	1.419250e-03	-1.141498e-03
## SPNCRNA.990	-1.001380e-04	-1.225569e-06	-3.729579e-05	-7.530636e-05
## SPAC9E9.10c	-1.651925e-03	8.028882e-04	-2.859333e-03	-1.425623e-03
## SPAC9E9.11	-2.208067e-02	7.280717e-03	3.731508e-02	2.206896e-02
## SPAC9E9.12c	-5.917310e-04	4.250778e-04	9.739762e-04	-4.779362e-04
## SPAC9E9.13	-1.860251e-02	-1.425944e-02	2.183765e-02	4.180388e-02
## SPAC9E9.14	-1.255832e-03	-1.443889e-04	1.692109e-03	8.782020e-04
## SPAC17C9.16c	-2.406888e-03	9.487569e-04	6.988021e-03	2.639281e-03
## SPAC17C9.15c	-8.443306e-04	-5.913485e-04	1.237314e-03	-5.799035e-04
## SPAC17C9.13c	-3.653055e-03	3.960579e-05	2.662722e-03	-1.377966e-03
## SPAC17C9.12	-1.844438e-03	8.952831e-04	9.951741e-04	1.018152e-03
## SPAC17C9.11c	-9.267363e-04	1.978618e-04	-2.207894e-04	2.744883e-04
## SPAC17C9.09c	-4.041353e-04	-4.033297e-04	6.170837e-04	1.765485e-03
## SPAC17C9.08	-1.430184e-03	-5.002166e-04	1.574421e-03	-2.178765e-04
## SPAC17C9.06	-2.746652e-03	-2.086290e-05	1.649186e-03	8.538390e-04
## SPAC17C9.03	4.730138e-03	-1.165274e-02	-2.006710e-03	-1.589792e-02
## SPAC17C9.02c	-6.768893e-04	-1.904354e-04	7.826023e-04	-9.108709e-04
## SPAC1851.02	-8.891778e-04	-2.486927e-03	8.359569e-04	1.964568e-03
## SPAC1851.03	-4.616998e-04	-1.462679e-04	1.102222e-03	-3.063955e-04
## SPNCRNA.992	-3.176872e-04	1.171118e-04	3.937081e-04	-4.591295e-05
## SPAC27D7.03c	1.297792e-05	-2.198669e-04	-1.300114e-04	1.681484e-04
## SPAC27D7.04	-3.125416e-04	-2.361190e-04	4.802947e-04	-2.047085e-04
## SPAC27D7.05c	-2.437476e-04	-7.318604e-05	5.488362e-04	1.720820e-04
## SPAC27D7.07c	-8.762087e-04	-6.674852e-04	4.748545e-05	1.089557e-03
## SPAC27D7.08c	-4.687017e-04	3.415946e-04	7.847756e-04	-3.912703e-04
## SPAC27D7.09c	-1.504732e-02	6.504216e-03	3.117571e-02	1.367293e-02
## SPAC27D7.11c	-1.199929e-02	8.520878e-03	-7.200382e-03	8.084070e-04
##	[,9]	[,10]	[,11]	[,12]
## SPAC212.11	1.673243e-05	-9.636014e-06	3.284859e-05	-1.465451e-04
## SPAC212.09c	3.440968e-04	-2.411359e-05	-2.537719e-04	1.712500e-05
## SPNCRNA.70	-1.500595e-06	1.229504e-06	1.205348e-06	-1.794565e-06
## SPAC212.12	-1.032720e-05	1.388433e-05	-3.236661e-05	2.114590e-05
## SPAC212.04c	-8.920912e-05	-7.526733e-04	9.927374e-04	-2.223663e-04
## SPAC212.03	-3.602632e-06	2.035045e-06	4.047874e-06	-9.669118e-06

## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	-7.687606e-05	-9.874819e-05	-4.167870e-05	-3.678893e-07
## SPAC977.03	1.205327e-07	-1.702822e-07	3.536561e-06	-1.718271e-06
## SPAC977.04	8.114382e-06	1.243556e-06	6.547834e-06	2.333366e-06
## SPAC977.05c	8.575252e-06	1.399523e-06	-2.365996e-06	1.142844e-05
## SPNCRNA.136	1.777142e-06	6.087610e-06	-2.338244e-07	-9.805233e-06
## SPNCRNA.601	-2.858706e-05	1.620124e-04	4.228490e-06	1.772530e-04
## SPAC977.07c	-2.030407e-05	4.323943e-05	2.115324e-05	3.016525e-05
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	9.466132e-05	5.137486e-04	-4.202714e-04	1.509679e-04
## SPAC977.13c	3.024340e-04	5.319504e-04	-5.348246e-04	2.193449e-05
## SPAC977.15	-3.837009e-04	-2.233460e-04	-1.118179e-04	-2.204069e-04
## SPAC977.16c	-8.195580e-04	-3.810564e-04	-1.307313e-03	-1.516479e-03
## SPNCRNA.37	-3.545101e-06	4.846571e-06	1.020582e-05	-3.653013e-05
## SPAPJ695.01c	1.803470e-05	1.274157e-07	-3.278645e-05	1.049521e-05
## SPNCRNA.76	-4.533732e-05	6.605971e-05	2.835867e-05	-1.530568e-05
## SPNCRNA.603	3.380574e-05	2.807874e-05	-3.666057e-05	8.015934e-06
## SPNCRNA.607	-1.512160e-04	8.864762e-05	-1.887346e-04	-4.058171e-04
## SPAC1F8.06	5.265653e-04	-3.528210e-04	2.910505e-04	5.469777e-04
## SPAC1F8.08	-8.003591e-05	1.831075e-04	-7.932448e-05	-8.759035e-04
## SPAC11D3.19	9.804590e-05	-9.821459e-05	-2.163879e-04	-1.159158e-04
## SPAC11D3.01c	5.807950e-03	3.731944e-03	-4.429903e-03	-9.633885e-05
## SPNCRNA.608	-4.344618e-05	2.549870e-04	-2.675560e-04	-6.778189e-05
## SPAC11D3.02c	-4.195415e-03	-1.874986e-03	7.075794e-04	-8.602214e-03
## SPAC11D3.03c	-1.154596e-04	-4.796369e-05	-3.795478e-04	-1.467985e-04
## SPAC11D3.05	1.164445e-03	-1.579412e-03	3.888619e-03	-1.029416e-03
## SPAC11D3.07c	1.559285e-03	-8.592792e-04	-1.101705e-03	5.812669e-04
## SPAC11D3.08c	8.672756e-04	7.076047e-04	-1.509841e-03	-7.786276e-04
## SPAC11D3.11c	-7.604296e-05	-8.467870e-04	-4.625924e-04	-3.833910e-04
## SPAC11D3.14c	-5.227436e-04	-2.328393e-06	-1.519967e-03	1.627207e-04
## SPNCRNA.609	-6.023487e-05	-1.070397e-03	-4.717853e-05	-6.361977e-04
## SPNCRNA.147	4.702002e-06	1.320174e-05	-1.115347e-05	1.366303e-05
## SPNCRNA.610	3.565489e-05	-1.826729e-05	-3.688091e-05	-2.975831e-05
## SPAC11D3.16c	9.488116e-04	4.892059e-04	-1.172387e-03	2.161688e-04
## SPAC11D3.18c	1.026337e-04	-1.675329e-04	6.275536e-05	-6.361277e-05
## SPNCRNA.612	2.281554e-04	4.045429e-04	-3.632897e-04	-2.395663e-04
## SPAC5H10.01	1.401399e-04	-2.705695e-04	4.035251e-05	2.198522e-04
## SPAC5H10.03	-1.221196e-02	-1.208219e-02	-2.016441e-04	-6.699933e-03
## SPAC5H10.04	-2.790380e-04	-4.652305e-04	-1.085501e-04	-1.756945e-04
## SPAC5H10.06c	-1.599444e-03	-7.039081e-04	-3.197480e-05	-1.877616e-03
## SPAC5H10.08c	-1.413739e-03	5.425766e-04	-9.166532e-04	-2.074033e-04
## SPAC5H10.09c	1.762130e-04	-5.383755e-05	-5.852228e-04	5.892306e-04
## SPAC5H10.10	-3.740365e-03	-3.396283e-04	-1.562586e-04	-4.701807e-03
## SPAC5H10.11	-1.344325e-04	1.277091e-04	5.880149e-05	-1.965957e-04
## SPAC5H10.12c	5.465142e-04	1.955824e-03	-1.763127e-03	1.517838e-03
## SPAC5H10.13c	5.531284e-04	2.750144e-04	-5.151088e-03	5.400660e-04
## SPNCRNA.617	-9.071652e-05	2.299987e-04	-4.936527e-04	-1.351093e-04
## SPAC13G6.01c	-4.596082e-04	-1.282054e-03	-1.409760e-03	2.154347e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	1.146854e-03	6.389326e-04	-4.246622e-03	-1.077362e-03
## SPNCRNA.618	1.491430e-05	1.819881e-04	-4.701487e-06	2.021852e-05
## SPNCRNA.620	1.485200e-05	1.036980e-04	-1.489389e-04	1.601322e-05
## SPAC13G6.14	1.798964e-04	2.004162e-03	-2.252680e-03	-2.299891e-03

## SPAC13G6.15c	6.090718e-05	-3.630581e-05	-1.394719e-05	5.483466e-04
## SPNCRNA.621	-2.549057e-04	7.388070e-05	2.966178e-05	-7.080174e-05
## SPAC24B11.05	-3.631220e-04	1.316162e-03	-1.787979e-03	4.416946e-05
## SPAC24B11.08c	8.829136e-05	-7.600253e-04	-2.381949e-04	1.154520e-03
## SPNCRNA.142	-5.339325e-06	-1.009143e-05	-4.493088e-06	-3.268249e-05
## SPAC24B11.09	1.279433e-03	-1.360575e-03	1.374663e-03	1.065566e-03
## SPAC24B11.11c	2.051324e-03	2.959779e-03	-4.992399e-03	1.435805e-03
## SPAC24B11.12c	6.298865e-03	-1.036125e-03	-7.987282e-04	4.256760e-03
## SPNCRNA.624	-2.802109e-04	3.566304e-04	-1.165305e-04	2.816410e-04
## SPAC806.02c	9.338712e-05	1.075233e-03	-3.465332e-03	1.133470e-03
## SPNCRNA.625	-3.351619e-05	6.202809e-05	1.444801e-04	-2.943441e-05
## SPAC806.11	4.189327e-05	-1.810241e-05	7.193853e-05	-4.020682e-06
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-3.692273e-05	3.208650e-04	-1.536238e-04	-1.535265e-04
## SPNCRNA.627	3.707878e-06	1.484443e-05	3.026129e-06	-8.952602e-05
## SPNCRNA.628	1.114099e-05	-4.387549e-05	9.341209e-05	-5.058766e-05
## SPAC806.06c	1.736155e-03	1.591965e-03	-1.904260e-03	1.200730e-03
## SPAC806.07	1.148700e-03	1.314959e-04	-3.528175e-03	1.415191e-03
## SPNCRNA.630	-2.897738e-04	1.681164e-04	4.836724e-05	4.028714e-04
## SPAC1F5.11c	-2.079730e-03	-2.108637e-03	-6.795299e-03	-1.148617e-03
## SPNCRNA.632	-2.716790e-05	2.257976e-05	-5.289251e-05	-1.276785e-04
## SPNCRNA.633	-4.995745e-05	5.581521e-05	-1.062524e-04	-4.540722e-05
## SPAC1F5.07c	-2.921790e-05	1.458689e-03	-8.341420e-04	-1.310653e-03
## SPAC1F5.04c	2.334049e-03	-1.302332e-03	-1.765000e-03	1.153227e-03
## SPAC1F5.02	6.399595e-04	2.454053e-03	-1.027904e-02	6.459356e-03
## SPNCRNA.148	-7.796098e-06	1.963974e-06	1.872470e-05	-8.348943e-06
## SPAC18B11.10	7.742705e-04	4.222189e-03	-5.684729e-03	2.414138e-03
## SPNCRNA.27	1.207047e-06	-4.537520e-06	4.448951e-06	-1.391131e-06
## SPNCRNA.635	4.435672e-05	1.808283e-06	-2.756833e-05	1.371219e-05
## SPAC18B11.09c	1.866240e-04	6.343682e-04	8.395178e-04	8.820636e-04
## SPAC18B11.08c	3.746933e-04	-2.373471e-04	5.662947e-04	-1.973280e-04
## SPAC18B11.07c	4.678819e-04	1.737048e-04	-8.774498e-04	-4.312145e-04
## SPAC18B11.04	-4.303269e-04	1.582794e-04	-1.072826e-03	-1.267272e-03
## SPNCRNA.636	-4.902733e-04	1.042565e-03	-3.340297e-04	6.334526e-04
## SPAC18B11.02c	1.020924e-03	-1.005785e-04	-1.438229e-03	3.420091e-04
## SPAC12G12.15	-5.598371e-05	-3.226926e-05	-3.247774e-04	3.670629e-04
## SPNCRNA.637	-6.899990e-05	-9.583696e-06	1.208630e-04	-5.460438e-05
## SPAC12G12.14c	4.172234e-04	1.038002e-03	-9.963023e-04	-1.801022e-04
## SPNCRNA.638	-7.870626e-06	1.089841e-05	-1.694009e-05	2.255344e-05
## SPAC12G12.10	8.091215e-05	8.139397e-04	-2.416048e-03	2.084040e-03
## SPAC12G12.09	1.714276e-04	1.219355e-03	-3.600697e-03	-4.421881e-05
## SPAC12G12.06c	4.391237e-04	5.588350e-03	-1.513630e-03	2.672465e-03
## SPNCRNA.639	1.264205e-05	2.685828e-06	4.341033e-05	-1.157796e-05
## SPAC12G12.03	1.768835e-03	-2.377618e-03	-8.274519e-04	9.161021e-05
## SPAC630.05	-5.093165e-04	2.529795e-03	-4.201243e-03	-1.003755e-03
## SPAC630.15	-1.817135e-04	4.814064e-04	-4.346944e-04	2.486406e-04
## SPATRNPAPRO.01	2.716606e-04	3.235655e-03	8.744265e-04	1.222565e-03
## SPAC630.11	3.833637e-04	1.529881e-03	-9.067759e-04	6.037412e-04
## SPAC630.12	4.299793e-04	2.465663e-04	-1.741707e-03	4.877207e-04
## SPAC630.13c	1.125577e-04	-5.521553e-04	-3.454340e-03	2.935594e-04
## SPAC630.14c	2.367938e-03	-2.615140e-03	-1.327856e-03	3.488554e-03
## SPAC1751.01c	4.551255e-04	-4.817308e-04	2.678679e-06	-3.809492e-04
## SPAC1751.04	1.654269e-04	7.759251e-04	-1.160650e-04	-5.952739e-04
## SPAC1751.02c	-4.964678e-04	7.382354e-04	-8.878998e-04	1.545422e-03

## SPAC31A2.02	-3.131989e-04	8.287056e-04	4.831205e-04	6.946733e-04
## SPNCRNA.643	1.336768e-04	-4.930006e-05	-4.645813e-05	1.346131e-04
## SPAC31A2.03	2.891655e-04	1.664763e-03	-1.581197e-03	-5.623910e-04
## SPAC31A2.04c	1.574883e-03	-1.248637e-04	-1.716416e-03	3.052999e-05
## SPAC31A2.06	4.531392e-04	1.117091e-03	-2.318880e-03	-8.377067e-05
## SPAC31A2.07c	2.889811e-04	-1.661711e-03	-1.231906e-03	1.002944e-05
## SPAC31A2.09c	-2.433187e-04	1.343573e-03	-1.050209e-03	-3.625597e-05
## SPAC31A2.11c	9.908088e-04	1.122435e-03	-1.165048e-03	8.836604e-04
## SPAC31A2.12	1.451247e-03	-2.630802e-03	2.512209e-03	2.050782e-03
## SPAC31A2.13c	5.867133e-05	-2.481855e-04	4.655331e-04	1.189652e-03
## SPAC31A2.14	1.011032e-03	-5.037998e-04	-2.362219e-03	5.831514e-04
## SPAC31A2.16	-5.243898e-04	-3.712469e-04	-1.503640e-03	6.822255e-04
## SPAC13C5.01c	1.248794e-03	7.329792e-04	-1.046304e-03	-9.101509e-04
## SPNCRNA.644	-1.063760e-04	3.748071e-05	-4.940481e-05	-1.542902e-05
## SPAC13C5.04	7.034124e-03	5.421508e-03	-3.738100e-03	-1.548956e-03
## SPNCRNA.645	-3.521300e-04	2.101689e-04	-4.778402e-04	-2.385316e-04
## SPAC13C5.05c	4.248352e-04	-1.242556e-03	-2.559045e-03	-1.043295e-03
## SPAC13C5.06c	4.713801e-04	1.087969e-04	-7.966473e-04	1.079309e-03
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	-3.792344e-02	-2.785024e-02	3.015057e-03	3.017040e-02
## SPAC23E2.02	9.449500e-05	-2.285264e-03	-1.464750e-03	6.691403e-04
## SPRRNA.11	1.023486e-02	3.425614e-02	-1.102079e-02	3.959102e-03
## SPAC24H6.12c	8.688888e-04	2.640705e-03	-1.789416e-03	3.680102e-03
## SPAC24H6.11c	7.516348e-04	-1.751653e-03	-1.300041e-03	6.524218e-04
## SPNCRNA.652	2.577176e-04	1.628260e-05	-9.596668e-05	-1.009657e-04
## SPAC24H6.09	2.852941e-03	-2.413420e-03	2.614553e-03	1.031915e-03
## SPAC24H6.07	1.690914e-02	5.098148e-03	1.685195e-02	-8.077566e-03
## SPAC24H6.06	1.519061e-03	-1.636099e-03	8.735781e-04	1.342401e-03
## SPAC24H6.04	-1.998165e-03	3.547621e-03	-8.702370e-03	1.017508e-02
## SPNCRNA.653	-1.125464e-05	-1.979859e-06	-6.178668e-06	1.035092e-04
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	1.337639e-04	-7.280571e-05	-3.355165e-04	5.056168e-04
## SPNCRNA.654	-4.698778e-05	-1.336691e-04	6.873898e-05	-5.979442e-05
## SPAC24H6.01c	-3.187795e-04	-4.560492e-04	-8.265637e-04	-2.895929e-04
## SPAC227.19c	-9.357656e-06	2.507153e-04	-5.379953e-04	-8.398176e-05
## SPNCRNA.655	-1.257029e-04	2.604043e-04	-3.232127e-04	-5.383063e-04
## SPAC227.05	-6.313411e-04	7.047308e-04	-1.041488e-03	-3.229642e-04
## SPAC227.06	1.775413e-03	-9.163872e-04	2.751247e-04	5.580157e-04
## SPAC227.07c	3.775269e-04	-1.125582e-03	-2.740839e-03	4.435259e-03
## SPNCRNA.657	6.907506e-04	2.836888e-04	-4.187945e-04	-2.287755e-04
## SPAC227.08c	2.424456e-04	2.372805e-04	-3.369552e-04	7.420993e-04
## SPAC227.09	3.404622e-04	-9.110752e-04	1.902961e-04	1.752290e-04
## SPAC227.10	-5.659514e-04	1.341844e-03	1.139475e-04	-2.362800e-04
## SPAC227.11c	1.154376e-05	5.344607e-04	-1.708057e-03	8.591315e-04
## SPAC227.12	-8.431149e-04	2.882326e-04	-2.835588e-03	1.752027e-03
## SPAC227.13c	4.437281e-03	-1.480682e-04	4.135457e-03	4.433436e-04
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	4.810519e-04	-4.645767e-04	3.061407e-04	1.172598e-03
## SPAC2F7.04	3.522614e-04	-4.515806e-04	-3.254877e-04	6.702824e-04
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	1.048635e-04	2.842409e-06	9.817049e-05	-7.326738e-06

## SPNCRNA.661	2.548135e-06	-3.416994e-04	-4.202908e-05	-4.505935e-05
## SPAC2F7.13c	1.244552e-03	2.926076e-03	-1.811649e-03	-1.498838e-03
## SPAC2F7.15	7.097017e-04	1.627646e-03	-3.920864e-04	-4.239643e-05
## SPAC13A11.01c	1.501250e-03	1.346950e-03	-3.687619e-03	1.356150e-03
## SPAC13A11.03	-4.919355e-03	-5.671552e-03	-4.653435e-03	-6.665155e-04
## SPAC13A11.04c	1.042782e-04	-2.204354e-04	-7.670322e-04	1.161541e-04
## SPAC13A11.05	-7.880501e-04	-1.890983e-03	5.503764e-04	1.472907e-03
## SPAC3H8.02	2.300340e-03	-1.052380e-03	-3.301626e-03	4.194779e-04
## SPAC3H8.03	-1.345644e-04	-6.429948e-04	5.954275e-04	-4.684281e-04
## SPNCRNA.663	1.933243e-05	1.152036e-04	-9.868547e-05	1.189237e-04
## SPAC3H8.04	-3.799324e-04	-8.235281e-04	-1.667410e-03	1.755564e-04
## SPNCRNA.156	-2.683687e-05	-2.077561e-05	2.863812e-05	6.914405e-06
## SPAC3H8.08c	7.531907e-04	9.338309e-04	-4.857543e-04	7.700015e-05
## SPNCRNA.667	-8.003597e-06	2.889138e-05	-4.235868e-05	-9.090300e-05
## SPAC3H8.10	1.120920e-03	2.282086e-03	-1.171008e-03	-5.161038e-03
## SPAC1F3.01	-3.499990e-04	-4.413606e-04	-2.462467e-03	-1.154350e-03
## SPAC1F3.02c	2.067187e-03	-1.007677e-03	-1.360608e-04	1.463279e-03
## SPAC1F3.03	9.561514e-04	-1.113598e-03	-1.704866e-03	1.349363e-03
## SPAC1F3.04c	-6.385179e-04	2.537267e-04	-1.040169e-03	1.457487e-03
## SPAC1F3.05	7.013036e-04	-6.302787e-04	-1.236456e-03	-7.348908e-04
## SPAC1F3.06c	9.321394e-04	-2.373040e-03	3.333781e-04	-6.498231e-03
## SPAC1D4.01	-5.518831e-04	-2.676787e-04	-2.890527e-04	-9.725144e-04
## SPAC1D4.02c	2.891863e-04	6.644548e-05	-2.004617e-05	9.182295e-04
## SPAC1D4.03c	3.398545e-04	-1.359918e-04	-6.481521e-05	7.509131e-04
## SPNCRNA.670	7.992098e-05	-4.715849e-05	2.560160e-04	1.932491e-04
## SPAC1D4.05c	8.949583e-04	-3.842178e-04	-1.179729e-03	7.452192e-04
## SPAC1D4.07c	-1.275569e-05	7.915896e-05	1.841045e-05	-1.185945e-04
## SPAC1D4.10	2.181952e-03	-7.557430e-04	7.568346e-04	2.116857e-03
## SPNCRNA.671	1.480434e-04	-6.887523e-05	-8.722992e-05	1.938648e-04
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	-5.988895e-05	-4.446865e-05	-2.505928e-03	1.607395e-03
## SPAC1D4.14	1.267510e-03	1.915831e-03	-2.473124e-03	3.503086e-03
## SPAC22F3.13	1.207934e-03	-1.043591e-03	-1.149771e-03	1.639796e-03
## SPNCRNA.675	-2.228381e-05	-1.719131e-04	1.698415e-04	2.396907e-04
## SPNCRNA.158	-3.614554e-05	3.103968e-05	1.282340e-06	3.669975e-05
## SPAC22F3.11c	4.435565e-05	-1.808293e-04	-5.736988e-04	-8.840237e-06
## SPAC22F3.10c	2.530285e-03	4.068636e-03	-5.721952e-03	-4.811059e-04
## SPAC22F3.08c	3.347066e-04	-2.301030e-04	-1.463959e-04	5.586275e-04
## SPAC22F3.07c	1.913639e-03	1.111994e-03	4.735745e-04	-2.198447e-03
## SPAC22F3.05c	-2.224895e-04	-1.173976e-03	-2.704280e-03	-5.816829e-04
## SPNCRNA.676	-1.121762e-05	-9.052226e-07	4.854760e-05	6.634654e-06
## SPAC22F3.03c	8.155151e-05	1.430466e-04	-8.056414e-04	2.458385e-04
## SPAC1296.03c	-1.631668e-04	-2.105768e-04	-3.981740e-04	3.302656e-04
## SPAC1296.04	8.544791e-04	2.359251e-04	-1.157505e-03	1.410399e-03
## SPAC1296.05c	-1.842023e-04	3.700699e-04	-3.335923e-04	6.576609e-04
## SPAPJ696.02	2.001601e-03	4.824173e-04	-6.516236e-03	3.678585e-03
## SPAC22G7.01c	-9.170665e-04	5.517497e-04	-2.733498e-03	-3.081976e-03
## SPNCRNA.677	2.221915e-04	-1.273570e-04	-6.622056e-04	-1.518549e-04
## SPAC22G7.03	-1.229966e-04	2.800303e-04	-3.287055e-05	2.778879e-04
## SPNCRNA.678	-7.878557e-05	-2.137599e-04	1.902666e-04	-8.764228e-05
## SPAC22G7.05	7.686587e-06	-1.165626e-04	-6.738089e-04	-2.384840e-03
## SPAC22G7.09c	1.023995e-03	-7.758001e-04	-2.170732e-03	1.263449e-03
## SPAC22G7.10	1.811409e-03	-1.205514e-03	-1.877716e-03	2.220050e-03
## SPAC4G8.02c	-1.050515e-04	4.310805e-03	1.071521e-03	-9.728342e-04

## SPAC4G8.03c	6.116145e-04	-3.627642e-04	9.136098e-04	-2.065629e-04
## SPAC4G8.06c	2.905521e-04	-1.083350e-03	-5.141366e-04	-2.466405e-04
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-5.256202e-05	-2.978422e-05	-5.008312e-04	2.914312e-04
## SPAC4G8.11c	3.086458e-04	4.873145e-04	-1.536897e-04	4.416103e-04
## SPAC4G8.12c	2.229539e-04	-6.026309e-04	-1.130969e-03	-2.491305e-04
## SPAC4G8.13c	2.624501e-03	-1.143755e-04	-1.223691e-03	1.461027e-03
## SPAC16C9.05	1.283938e-03	-5.829993e-05	-5.769447e-04	-1.254687e-03
## SPAC2G11.02	-1.258793e-03	2.402595e-03	-3.961678e-03	1.067989e-03
## SPAC2G11.03c	5.047517e-04	-1.248640e-03	-5.387719e-05	4.773112e-04
## SPAC2G11.06	-5.968202e-04	4.753033e-04	-1.104089e-03	8.917266e-04
## SPNCRNA.688	1.209103e-04	5.765983e-05	1.774420e-04	-8.332034e-05
## SPAC2G11.07c	-5.377610e-03	8.654096e-04	-5.080517e-03	1.805211e-03
## SPAC2G11.09	1.960502e-03	-9.176060e-04	6.792313e-05	6.178535e-04
## SPAC2G11.12	9.577884e-04	5.721452e-04	-3.445706e-03	2.699877e-03
## SPNCRNA.691	-1.166247e-04	9.543276e-05	-1.550320e-04	9.868757e-05
## SPNCRNA.692	-2.365594e-06	-5.045529e-05	1.577339e-04	-1.980518e-04
## SPAC521.02	-6.873624e-04	1.691138e-03	-3.620127e-03	2.778358e-03
## SPAC521.03	-1.049237e-02	-1.603373e-02	-6.974188e-03	1.126235e-03
## SPAC521.05	1.188647e-02	5.537900e-02	-8.904012e-03	6.551035e-03
## SPAC23G3.01	-4.005667e-03	-1.126411e-04	-7.175524e-03	7.307656e-03
## SPNCRNA.694	-2.687197e-05	5.682734e-05	-5.289528e-08	-1.832375e-05
## SPAC23G3.04	6.180112e-04	-4.632420e-04	2.171577e-04	7.895984e-04
## SPAC23G3.06	-2.382891e-03	1.220233e-02	3.529042e-03	-2.620989e-03
## SPAC23G3.07c	-8.191308e-05	-5.016290e-05	-3.911869e-04	-4.719834e-04
## SPAC23G3.08c	1.659847e-03	-4.084834e-04	-2.534470e-04	4.443968e-04
## SPAC23G3.10c	-4.324083e-04	6.188990e-04	-2.916450e-03	1.165950e-03
## SPAC22H12.01c	-6.841046e-04	-5.946843e-04	-7.858805e-04	-7.729023e-04
## SPAC22H12.02	-3.200114e-03	-2.059708e-04	-5.171027e-03	-1.107512e-03
## SPAC22H12.05c	3.161655e-04	-1.950413e-03	-3.446230e-04	6.258438e-04
## SPAC1687.01	-1.046411e-05	1.179727e-03	-2.381437e-04	1.883506e-03
## SPAC1687.04	4.492516e-04	4.400767e-06	-3.448101e-04	6.260154e-04
## SPAC1687.05	1.413724e-03	-1.931183e-03	-6.081341e-04	2.048073e-04
## SPAC1687.06c	1.140235e-02	-3.029681e-03	9.541259e-03	-2.610041e-03
## SPNCRNA.696	-5.196345e-06	8.084873e-05	-2.411579e-04	3.759676e-05
## SPAC1687.11	1.546326e-03	-4.849500e-03	-2.904578e-04	8.088694e-04
## SPAC1687.12c	-1.593822e-04	3.679180e-04	-4.769751e-04	-2.147361e-04
## SPAC1687.14c	1.032221e-04	3.756834e-05	1.902113e-05	-4.763050e-04
## SPAC1687.16c	-6.824772e-04	5.147970e-04	3.932080e-05	-6.286379e-04
## SPNCRNA.160	-7.488743e-06	-7.183719e-06	4.026353e-05	-1.844932e-05
## SPATRNAALA.01	8.519498e-05	4.021654e-04	7.180749e-04	-4.735207e-04
## SPAC1687.17c	-8.305146e-04	-5.275010e-06	1.113636e-04	-1.892133e-04
## SPAC1687.18c	-9.742573e-04	2.006448e-04	-2.036722e-03	-1.040842e-03
## SPAC1687.19c	-4.972871e-04	-1.327092e-03	-1.160171e-03	1.987233e-03
## SPAC1687.20c	3.268001e-04	-6.398175e-04	-8.417922e-04	3.644762e-04
## SPAC222.03c	-3.849000e-05	5.979601e-04	-1.659915e-04	2.163961e-03
## SPAC222.19	2.316108e-04	1.761529e-04	-3.725089e-04	-6.246446e-06
## SPAC222.04c	2.293509e-04	4.996369e-04	-1.128209e-03	-2.022544e-04
## SPAC222.06	7.973228e-04	-5.795587e-04	7.014632e-04	6.966999e-04
## SPAC222.07c	-1.983761e-03	-3.056690e-04	-4.665277e-03	-1.628512e-03
## SPAC222.08c	5.298880e-04	-1.349249e-03	-4.707571e-04	5.718613e-04
## SPSNRNA.02	-6.031082e-02	1.334505e-01	1.623588e-01	-3.883366e-04
## SPAC222.17	-1.184339e-04	1.013765e-04	-6.053700e-04	5.084114e-04
## SPNCRNA.701	-1.121394e-06	-5.980647e-05	1.235177e-04	-1.505018e-05

## SPAC222.15	-3.652969e-05	1.468268e-04	-9.941064e-05	-4.748829e-05
## SPAC222.18	-9.770503e-05	2.071284e-04	-8.966724e-05	2.504868e-04
## SPAC222.16c	1.051516e-04	7.122213e-04	-4.133379e-04	-1.663043e-04
## SPAC821.05	4.658473e-03	6.647725e-03	1.888683e-03	3.403224e-03
## SPNCRNA.702	-6.263812e-05	1.521315e-04	2.592349e-05	-2.711767e-04
## SPAC821.06	7.042399e-04	-7.190191e-05	-4.246392e-04	3.947935e-05
## SPNCRNA.703	-2.369135e-04	-7.201354e-05	-4.133049e-04	-2.252650e-05
## SPAC821.08c	8.568969e-03	6.173840e-03	-4.356113e-03	5.236150e-03
## SPAC821.09	3.408804e-02	1.142128e-02	-1.086588e-02	-1.940399e-03
## SPAC821.10c	1.655259e-02	2.886544e-02	-4.568360e-02	9.577749e-04
## SPAC821.12	2.504039e-03	8.349083e-04	-2.644672e-03	2.505392e-03
## SPNCRNA.220	-2.253179e-06	5.334714e-05	-2.117992e-05	2.113475e-05
## SPAC139.01c	4.147626e-04	-7.581199e-04	-7.414985e-04	1.101219e-03
## SPNCRNA.704	-1.743037e-04	2.409633e-04	-4.321352e-04	2.548034e-04
## SPAC139.02c	-2.138950e-03	-1.195861e-03	-2.931026e-05	-1.623665e-03
## SPAC23C4.03	4.378004e-03	9.379831e-04	-5.676003e-03	2.973956e-03
## SPAC23C4.05c	3.970487e-03	-1.077872e-03	3.418891e-03	3.174570e-03
## SPAC23C4.06c	-1.541278e-03	1.295213e-03	-5.444920e-04	9.319600e-04
## SPAC23C4.09c	-4.128352e-05	8.090492e-04	-1.698250e-04	-3.775365e-04
## SPAC23C4.10	2.384216e-04	-6.510130e-04	-5.385091e-04	-3.421897e-04
## SPAC23C4.11	-4.929492e-05	1.229528e-03	5.349138e-04	-5.357128e-04
## SPAC23C4.13	7.284438e-04	3.847007e-04	8.674498e-04	-3.618640e-04
## SPAC23C4.14	2.826403e-04	-1.865560e-04	-1.086816e-03	-8.703964e-04
## SPAC23C4.15	1.741569e-03	1.478391e-03	-3.373059e-03	1.139276e-03
## SPAC23C4.17	1.991396e-03	-2.308520e-03	-1.523129e-04	1.696702e-03
## SPAC23C4.18c	9.043091e-04	-2.562706e-04	-1.222819e-03	1.930691e-04
## SPAC1A6.01c	6.702918e-04	7.573528e-06	-3.758095e-04	-1.263467e-03
## SPAC1A6.02	-1.374003e-03	1.168947e-03	-1.633844e-03	-7.628184e-05
## SPAC1A6.03c	4.320061e-03	-3.237998e-03	-5.020447e-03	9.233509e-03
## SPAC1A6.04c	1.373738e-02	-2.262259e-02	4.949929e-03	2.611380e-02
## SPNCRNA.710	-1.609852e-04	-7.571038e-06	1.278308e-05	-3.359539e-04
## SPAC1A6.06c	-3.014645e-04	2.938152e-05	-1.720646e-04	4.422760e-05
## SPAC1A6.08c	5.890756e-06	-2.522696e-06	4.199501e-04	-1.475137e-04
## SPAC30D11.14c	2.406923e-04	-2.352522e-04	-2.712831e-03	-1.677621e-03
## SPATRNASER.01	-2.759591e-03	3.034982e-03	-1.138562e-03	1.720808e-03
## SPATRNAMET.01	-3.691842e-05	4.565980e-04	7.454538e-04	-3.711905e-04
## SPNCRNA.711	2.207957e-04	-2.545189e-04	-7.462729e-05	1.461886e-04
## SPAC30D11.07	-1.195676e-04	-3.023546e-05	-2.257920e-04	-2.357027e-06
## SPAC30D11.06c	-3.347691e-05	-3.978063e-04	-1.319968e-03	1.086131e-03
## SPAC30D11.05	2.734128e-04	-3.308524e-04	-3.737631e-04	-3.293619e-05
## SPAC30D11.02c	-1.560277e-04	3.044709e-05	3.956038e-05	1.067814e-05
## SPAC56F8.02	2.765343e-03	-4.558090e-04	-8.651816e-04	9.931041e-04
## SPAC56F8.04c	5.664887e-04	-1.626559e-03	4.054446e-04	1.731284e-03
## SPAC56F8.06c	3.556463e-04	-3.898583e-05	-1.837559e-04	1.240117e-03
## SPAC56F8.09	-9.875779e-04	1.179111e-03	-1.960136e-05	7.572351e-04
## SPNCRNA.716	-1.004611e-03	-5.101993e-04	-6.830788e-04	-3.206926e-04
## SPAC56F8.12	5.629720e-05	-3.215445e-06	1.007487e-04	-1.232266e-04
## SPAC56F8.16	2.449830e-03	9.634115e-04	-2.172759e-03	-6.947500e-04
## SPAC22A12.02c	3.953953e-05	5.879572e-05	4.440222e-05	1.864942e-05
## SPAC22A12.04c	1.681701e-02	6.196714e-03	6.169120e-03	2.261243e-02
## SPNCRNA.717	1.096214e-05	3.995756e-05	-4.608613e-05	4.901592e-05
## SPAC22A12.07c	-1.215197e-03	1.741469e-03	-1.180560e-02	1.095956e-02
## SPAC22A12.08c	2.823426e-04	1.938625e-03	-2.270916e-03	-1.067938e-03
## SPAC22A12.10	1.640864e-03	2.897866e-03	-2.788946e-03	-4.280817e-04

## SPAC22A12.09c	5.188001e-04	-1.158726e-04	-3.913699e-04	-1.521104e-04
## SPAC22A12.11	1.963754e-03	-4.528280e-03	-3.556497e-03	3.411437e-03
## SPAC22A12.12c	-3.653684e-04	-3.034812e-04	3.713975e-04	3.711912e-04
## SPAC22A12.14c	1.821092e-04	-5.108346e-04	1.480179e-03	-1.122503e-03
## SPNCRNA.719	6.780197e-05	-2.105531e-06	-7.222306e-05	-9.924045e-05
## SPAC22A12.17c	5.506024e-03	-5.423193e-03	-2.625507e-02	4.121951e-04
## SPNCRNA.168	1.217386e-05	2.364262e-07	5.653845e-05	-5.515895e-05
## SPNCRNA.720	-8.507234e-05	9.076030e-05	1.471748e-04	6.358473e-05
## SPNCRNA.721	9.816245e-05	3.784332e-04	-5.025197e-04	6.640783e-04
## SPAC4C5.02c	6.906180e-04	-9.875387e-04	-1.300298e-03	2.496325e-03
## SPAC4C5.03	1.648580e-03	-4.909630e-04	-1.265112e-03	5.700683e-04
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	1.056285e-02	-1.204229e-02	1.491964e-02	-4.592640e-03
## SPNCRNA.724	5.763628e-04	2.204914e-04	1.091860e-04	6.236753e-05
## SPAC10F6.02c	-2.587490e-04	-4.334282e-03	-2.286032e-03	2.666011e-03
## SPAC10F6.05c	5.859536e-04	1.430519e-04	8.201122e-04	7.494085e-04
## SPNCRNA.725	4.900403e-05	-4.733825e-04	1.101078e-04	-3.071540e-04
## SPAC10F6.10	5.193272e-04	-1.434072e-03	3.743435e-04	-3.640904e-04
## SPNCRNA.726	6.525035e-05	1.787259e-04	-2.010063e-04	8.831189e-05
## SPAC10F6.15	4.869805e-05	1.083352e-04	2.659184e-04	-7.517502e-05
## SPNCRNA.432	5.119743e-05	-1.371522e-04	7.692064e-05	3.221107e-05
## SPAC10F6.17c	-1.671699e-04	3.406994e-04	-1.412798e-03	3.039594e-05
## SPAC56E4.03	3.143308e-03	-1.283773e-02	2.589595e-03	3.692724e-03
## SPAC56E4.07	-1.215435e-04	-9.009845e-04	-4.930075e-04	1.749703e-03
## SPNCRNA.730	-8.889858e-05	-5.976724e-05	2.324154e-05	-6.539277e-05
## SPAC1420.02c	-3.038544e-03	2.692479e-03	-1.243979e-02	4.273407e-03
## SPAC1420.03	3.704928e-04	2.162214e-03	-2.208271e-03	-4.436961e-04
## SPAC1420.04c	1.494050e-05	-2.710642e-04	-1.090760e-04	2.024331e-05
## SPNCRNA.731	1.441038e-05	-4.175184e-06	3.716102e-05	8.473657e-05
## SPAPB17E12.02	-1.466425e-04	1.007859e-04	-2.196514e-04	5.023686e-05
## SPAPB17E12.03	2.908976e-04	4.457961e-04	-4.377368e-04	9.004541e-04
## SPAPB17E12.05	4.899225e-03	1.277291e-02	3.525510e-03	-1.441033e-03
## SPAPB17E12.11	1.706778e-03	-1.225498e-03	-1.126722e-03	2.226133e-03
## SPNCRNA.732	7.493424e-05	1.424660e-04	9.108185e-05	-3.133953e-05
## SPNCRNA.733	-1.964365e-04	1.794020e-04	-2.608848e-04	-6.380284e-05
## SPAC1565.03	2.715797e-05	-9.773409e-05	-2.843135e-06	-3.627107e-05
## SPAC1565.05	-3.294478e-03	8.941115e-05	-3.896397e-03	4.919155e-03
## SPAC1565.06c	9.653902e-04	1.865625e-03	-6.743202e-04	5.742752e-04
## SPAC1565.07c	-1.568071e-03	-1.557246e-03	-3.804791e-03	6.181920e-05
## SPATRNAPRO.02	-6.711553e-02	1.790112e-01	2.265865e-01	-3.030716e-01
## SPSNORNA.53	-1.034724e-03	-1.900717e-03	1.587680e-04	-3.895513e-03
## SPAC6F12.06	-1.913229e-03	-9.910756e-04	-1.730476e-03	-1.914299e-03
## SPAC6F12.07	1.380939e-03	-2.011474e-03	2.121720e-03	9.928369e-04
## SPAC6F12.08c	2.284262e-04	9.426110e-04	-1.639266e-03	7.753075e-04
## SPAC6F12.09	9.523505e-04	4.803896e-04	-3.200406e-03	8.223231e-04
## SPAC6F12.12	8.287318e-04	-2.073322e-04	-3.822181e-04	1.737390e-03
## SPAC6F12.13c	2.457881e-04	-2.425652e-03	-2.595881e-03	5.856463e-04
## SPAC6F12.15c	2.866388e-04	3.992111e-04	-9.700321e-04	1.683013e-04
## SPAC19E9.01c	1.276353e-03	-2.100395e-03	9.321932e-05	-3.790757e-04
## SPAC19E9.02	2.041019e-03	-1.648120e-03	-7.659576e-04	2.896843e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	-1.200505e-04	9.270050e-05	1.285895e-04	-2.393188e-04
## SPAC19E9.03	2.195749e-03	-5.373189e-03	2.967016e-03	-2.300574e-03

## SPAC57A10.03	-6.912276e-04	2.754248e-04	-5.506588e-04	-5.354516e-04
## SPAC57A10.05c	1.678250e-03	-1.144694e-03	-1.098279e-03	2.623868e-04
## SPAC57A10.06	4.343393e-05	4.112877e-05	-1.747309e-04	9.404639e-06
## SPAC57A10.07	-8.900379e-05	4.710904e-04	-1.435138e-03	2.583282e-04
## SPAC57A10.08c	-6.494236e-05	-4.046874e-04	7.107665e-05	-6.557058e-05
## SPAC57A10.09c	3.616456e-03	-3.592102e-03	3.867402e-03	1.839329e-03
## SPAC57A10.12c	1.058106e-02	-9.708139e-03	1.153311e-02	1.163123e-02
## SPAC20G8.04c	-1.996524e-03	-7.412549e-03	-4.970934e-03	6.549487e-04
## SPAC20G8.05c	2.993765e-03	4.519692e-03	-2.427244e-03	-5.766827e-04
## SPAC20G8.06	3.843802e-03	-7.667928e-03	-5.473226e-03	6.648935e-03
## SPAC20G8.08c	1.213789e-04	-1.163284e-03	-2.658342e-03	1.594988e-03
## SPAC20G8.09c	5.192986e-04	-1.706107e-03	-3.696949e-03	-3.042303e-03
## SPAC20G8.10c	-1.711326e-06	6.241235e-05	1.031328e-04	-1.414995e-04
## SPAC3A12.04c	-1.484941e-05	-2.299698e-04	-8.343701e-04	-1.875619e-04
## SPAC3A12.19	3.637902e-05	-1.916935e-04	3.731837e-04	3.048180e-05
## SPAC3A12.07	-7.753070e-05	1.020020e-03	-1.614107e-03	1.479994e-03
## SPNCRNA.741	3.919870e-05	-1.148428e-04	4.587097e-05	7.615725e-05
## SPAC3A12.11c	9.034311e-04	3.167011e-03	-3.814618e-03	2.695764e-03
## SPAC3A12.14	3.489802e-03	-5.976915e-04	1.408722e-03	-9.749420e-04
## SPAC3A12.15	6.847101e-04	2.004028e-03	-1.633961e-03	-1.170889e-03
## SPSNORNA.48	7.643187e-06	-1.660253e-05	-9.319172e-07	8.905441e-07
## SPAC3A12.18	6.681076e-03	-1.253373e-02	2.980867e-03	3.860159e-03
## SPAC9.03c	4.396678e-05	-8.324005e-03	3.462532e-03	5.808190e-03
## SPAC9.05	-1.640123e-05	-2.282272e-04	-9.052883e-04	-2.708828e-04
## SPAC9.06c	3.620744e-04	2.209580e-04	-3.266681e-04	2.244913e-04
## SPAC9.08c	8.674992e-04	-2.961928e-04	1.303057e-04	1.111071e-03
## SPAC9.09	1.736230e-02	-6.043365e-02	3.538108e-02	-2.748248e-02
## SPNCRNA.743	1.256404e-04	3.387951e-04	-3.403497e-04	5.496416e-04
## SPAC9.10	4.545835e-04	8.619998e-04	-6.470814e-04	2.166780e-04
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	4.863846e-04	-4.857610e-04	-8.823044e-04	-4.495415e-04
## SPAC5D6.10c	-1.704094e-05	-1.033454e-05	2.765904e-05	6.774592e-06
## SPAC5D6.09c	1.218997e-03	-5.116441e-04	2.563409e-04	5.817539e-04
## SPAC5D6.07c	4.237995e-04	8.089065e-04	-1.212445e-03	8.543393e-04
## SPAC5D6.04	1.984086e-03	5.904593e-04	-2.126997e-03	1.347916e-03
## SPAC5D6.02c	3.874216e-04	-1.046815e-04	-3.658679e-04	-7.840421e-06
## SPAC57A7.10c	9.306536e-04	-6.620107e-03	-3.061466e-03	-4.826989e-03
## SPNCRNA.174	2.463582e-05	1.736657e-05	5.379771e-07	-1.553382e-05
## SPAC57A7.08	3.631070e-03	-1.731273e-03	-6.177870e-04	3.631916e-03
## SPAC57A7.06	2.002711e-04	-2.792667e-03	-2.544098e-03	2.624871e-03
## SPAC57A7.04c	3.408698e-03	-4.293187e-03	1.421657e-02	-1.295617e-02
## SPAC167.07c	4.203122e-04	-1.397730e-04	-2.664544e-03	-1.471419e-03
## SPAC167.05	1.534488e-04	-1.385134e-03	-7.584007e-04	7.003231e-04
## SPAC167.04	-4.505920e-04	1.595844e-03	-2.337688e-03	9.333527e-04
## SPAC167.09	-2.049712e-04	-3.985259e-04	-9.080132e-05	-2.013161e-04
## SPAC167.08	-3.924456e-05	-2.404539e-05	-4.978689e-05	1.663556e-07
## SPAC1705.03c	3.426622e-02	-2.651377e-03	4.337283e-03	1.282475e-02
## SPNCRNA.80	2.610919e-05	-6.631894e-06	1.767098e-05	-2.394367e-05
## SPNCRNA.745	-1.993187e-06	1.521346e-04	-1.083079e-04	8.119683e-05
## SPNCRNA.81	-1.359008e-06	-1.785179e-06	-5.247997e-06	6.994228e-07
## SPAC23H4.17c	4.852463e-04	-3.747180e-04	-2.731637e-04	-9.144590e-04
## SPAC23H4.16c	-3.298749e-04	2.194011e-04	-3.035770e-04	-6.293666e-04
## SPAC23H4.15	-1.129775e-03	-1.438796e-03	-1.027993e-03	-2.437190e-03
## SPAC23H4.21	4.730935e-05	8.470227e-05	-2.475337e-05	-9.561733e-05

## SPAC23H4.13c	-2.647444e-05	1.557568e-04	-9.271012e-04	3.019663e-04
## SPAC23H4.12	9.978763e-04	-1.467538e-03	1.969217e-04	2.697843e-04
## SPAC23H4.08	2.251084e-04	-9.680862e-04	-4.947533e-05	6.714147e-04
## SPAC23H4.07c	-5.924279e-04	1.360654e-03	-2.468611e-03	1.396096e-03
## SPAC23H4.05c	1.193390e-04	-9.139343e-05	2.116709e-04	-1.112915e-04
## SPNCRNA.746	4.166432e-06	9.290878e-05	-3.487444e-05	3.325895e-05
## SPAC23H4.04	2.474045e-04	5.831620e-04	-1.941562e-03	7.560601e-04
## SPATRNATHR.01	-1.437592e-02	-1.018510e-02	8.140910e-03	-2.726272e-03
## SPNCRNA.747	5.996052e-05	1.049852e-04	-2.959529e-04	1.404835e-04
## SPAP27G11.03	7.289134e-05	2.478172e-04	-7.076139e-04	4.042786e-04
## SPAP27G11.05c	1.162936e-03	2.625461e-04	-7.331456e-04	6.535834e-04
## SPNCRNA.749	2.039626e-05	-3.766526e-04	1.340379e-04	-1.804042e-04
## SPAP27G11.09c	6.427080e-05	5.978009e-04	-2.166647e-03	-3.983176e-03
## SPAP27G11.14c	5.660210e-04	-7.800316e-04	-1.310424e-03	-4.655110e-04
## SPAP27G11.15	1.347464e-04	2.339916e-04	-2.500658e-04	3.465681e-04
## SPAC343.01c	-1.710831e-04	1.611891e-03	-2.934474e-03	-1.552793e-03
## SPAC343.03	-1.366993e-04	-1.662968e-04	6.245192e-06	6.733214e-04
## SPAC343.04c	1.280589e-03	3.628121e-04	-2.593939e-04	-3.632643e-04
## SPAC343.05	1.667331e-03	-3.460598e-03	-8.454366e-04	4.440067e-03
## SPAC343.08c	-1.470046e-03	6.666208e-04	-2.840608e-03	-1.771344e-04
## SPAC343.07	4.235142e-05	-1.528376e-06	-8.052318e-05	5.987188e-05
## SPNCRNA.752	-2.675991e-04	7.716715e-05	-2.707970e-04	-3.110252e-04
## SPAC343.10	-4.580290e-04	1.402695e-03	-4.536120e-03	1.509288e-03
## SPAC343.11c	1.942607e-03	-2.777087e-03	9.102237e-04	1.860414e-03
## SPAC343.20	8.826470e-04	1.345182e-03	2.353914e-03	-1.950182e-03
## SPAC343.17c	3.994293e-04	1.870479e-05	-1.946234e-03	-8.125220e-04
## SPAC343.15	-1.341088e-04	-8.285604e-04	-5.205143e-05	4.987238e-04
## SPNCRNA.754	4.348100e-06	-3.365072e-06	2.806989e-06	1.997969e-06
## SPAC824.04	8.645287e-04	1.160986e-03	-2.168642e-03	7.903292e-04
## SPAC824.05	-6.695847e-04	1.069382e-03	-1.756457e-03	-3.480252e-05
## SPAC824.07	3.640714e-03	5.437569e-03	-3.347310e-03	-1.052683e-03
## SPAC824.08	1.022315e-03	7.028251e-05	-4.380345e-03	1.041738e-04
## SPATRNALYS.01	-2.668231e-03	-3.613601e-04	3.365607e-03	-2.026331e-03
## SPAC664.03	-2.083916e-04	-1.701275e-03	-3.655281e-03	4.483743e-03
## SPAC664.04c	2.119339e-03	2.530020e-02	2.916436e-05	-8.922268e-03
## SPAC664.07c	1.776950e-04	4.474455e-04	-5.309879e-04	6.233016e-04
## SPAC664.08c	-7.424949e-04	-9.337248e-04	1.053585e-03	-7.102718e-04
## SPAC664.09	1.010902e-04	-1.260391e-03	-2.838577e-03	2.535506e-03
## SPAC664.10	-1.607392e-05	1.403742e-04	-1.395645e-03	-1.048583e-03
## SPAC664.11	-2.804433e-02	-4.996908e-02	8.392740e-03	-2.298531e-02
## SPAC664.12c	7.176711e-04	4.445617e-04	-9.923262e-04	4.339848e-04
## SPAC664.14	-3.359038e-03	3.084282e-03	-3.295360e-04	3.084723e-03
## SPNCRNA.758	-6.975632e-05	-1.522736e-05	-4.853282e-05	-5.485744e-05
## SPACUNK12.02c	1.942041e-04	-2.278916e-04	-4.816411e-04	1.624044e-04
## SPAC105.01c	-9.055181e-05	-2.413004e-04	-7.602568e-04	-2.935300e-05
## SPAC17A5.18c	-2.005095e-04	6.497855e-05	-6.137661e-04	2.443641e-04
## SPAC17A5.02c	1.560244e-04	4.803251e-04	-1.342409e-03	-3.524326e-04
## SPAC17A5.03	1.211891e-02	-1.397533e-02	1.385207e-02	7.931654e-03
## SPAC17A5.04c	-4.474717e-04	6.036884e-04	-1.985839e-03	1.225552e-03
## SPAC17A5.19	1.891144e-04	3.759639e-05	-1.353770e-04	-1.147348e-04
## SPAC17A5.06	8.063338e-04	-3.878628e-04	-2.135057e-03	-4.198317e-04
## SPAC17A5.08	6.523602e-04	-5.783758e-05	2.518364e-04	-2.878309e-03
## SPAC17A5.10	1.379116e-04	2.101386e-05	-2.768629e-04	-2.485659e-04
## SPAC17A5.11	1.059185e-04	4.812327e-05	-1.269745e-04	9.759274e-05

## SPAC17A5.12	8.827135e-04	-4.809841e-05	-4.698070e-04	-3.381503e-04
## SPAC17A5.14	-1.838090e-04	2.898512e-04	-2.811410e-03	-6.255171e-04
## SPAC17A5.16	1.018753e-03	-1.922820e-03	-1.320844e-03	1.411277e-03
## SPAC1610.01	-3.508685e-04	4.959295e-04	-6.293955e-04	-6.866608e-05
## SPAC1610.02c	6.581910e-04	2.398055e-04	-2.878697e-04	-1.023713e-04
## SPAC1610.03c	1.296460e-04	-1.411123e-04	7.291987e-05	2.538196e-04
## SPAC1610.04	9.563338e-04	-8.260137e-04	8.411052e-04	7.560140e-04
## SPAC1002.02	5.615868e-04	-1.933901e-04	-4.900738e-04	-8.482052e-06
## SPAC1002.03c	2.078819e-03	1.133513e-03	-4.331889e-03	4.527552e-03
## SPAC1002.04c	5.585319e-04	7.613335e-04	-1.167624e-03	-6.808648e-04
## SPAC1002.05c	-1.215388e-05	6.737883e-04	-2.023646e-03	5.319063e-04
## SPAC1002.09c	-1.406857e-02	-3.821585e-03	1.364109e-03	-1.058785e-02
## SPAC1002.12c	-2.078081e-03	-1.673214e-03	-1.923456e-03	-6.518476e-04
## SPAC1002.20	-7.036136e-05	-4.036866e-04	7.481023e-04	-1.771571e-04
## SPAC1002.19	-1.387655e-02	-2.390200e-02	-2.580903e-03	1.150243e-02
## SPAC1399.04c	9.899553e-04	-1.273843e-03	-3.493104e-04	-7.217661e-04
## SPAC1399.03	1.311810e-03	-4.571540e-04	-1.090271e-03	5.051481e-04
## SPAC1399.01c	9.074299e-04	-5.617418e-04	8.351346e-05	2.877081e-04
## SPAP11E10.02c	3.307823e-04	-3.795656e-04	3.380660e-04	-3.214166e-04
## SPAPB1A10.02	4.592286e-04	-9.798877e-05	1.016046e-05	4.017591e-06
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	-1.474939e-04	-3.294832e-03	-1.967257e-03	-5.458248e-04
## SPAPB1A10.07c	1.386486e-03	5.033419e-04	-6.885899e-04	-7.902414e-04
## SPNCRNA.767	-8.510864e-05	4.498359e-04	-9.875526e-05	-5.064447e-04
## SPNCRNA.768	2.515058e-05	-2.158832e-04	-4.188384e-05	-1.265812e-04
## SPAPB1A10.08	4.106379e-04	-1.301902e-03	1.188939e-04	-2.196411e-04
## SPAPB1A10.10c	7.533276e-05	1.588834e-03	-1.413733e-03	6.047194e-04
## SPAPB1A10.11c	-4.798924e-04	7.389589e-04	-3.250783e-04	1.543046e-04
## SPAPB1A10.12c	2.925428e-03	-2.840514e-03	9.067543e-04	6.918971e-04
## SPNCRNA.769	-1.460901e-04	3.308830e-04	-6.159635e-04	4.080171e-04
## SPNCRNA.770	9.590265e-05	-7.370877e-05	3.181877e-05	-2.825438e-05
## SPAC140.02	2.499975e-02	4.224345e-02	4.440927e-02	3.321016e-03
## SPNCRNA.771	-2.581278e-05	3.045562e-05	-1.123986e-04	-2.964528e-04
## SPAC140.04	8.257525e-05	-6.915351e-05	-1.901956e-04	6.919386e-05
## SPAC110.02	8.020398e-04	-1.111023e-03	-3.814615e-04	-1.236704e-03
## SPNCRNA.773	4.371357e-05	1.339256e-04	-8.834666e-06	1.121860e-04
## SPAC110.04c	4.217552e-03	-2.601797e-02	6.509910e-03	-6.349301e-03
## SPAP14E8.02	6.178535e-03	4.065729e-04	-3.013535e-03	2.130354e-03
## SPAP14E8.03	1.285670e-04	1.733443e-03	-1.050584e-03	-5.808327e-04
## SPAP14E8.04	3.912170e-04	-1.376638e-04	-9.580101e-04	3.342058e-04
## SPAP14E8.05c	-7.014257e-05	3.207381e-04	-1.695484e-03	1.249497e-03
## SPAC3H1.03	1.291767e-04	-2.196406e-04	4.153859e-04	-8.842926e-05
## SPNCRNA.775	3.458602e-05	-6.152515e-05	6.267118e-05	-7.224689e-05
## SPAC3H1.08c	7.080237e-05	5.884153e-04	-9.135606e-04	-5.248850e-04
## SPNCRNA.776	3.453907e-05	-2.075856e-04	-1.376658e-05	-2.490505e-04
## SPAC3H1.10	-9.512596e-04	1.617729e-03	-1.760508e-03	7.843599e-04
## SPNCRNA.778	-4.228119e-06	-8.783396e-05	-2.163619e-04	3.795559e-04
## SPNCRNA.779	-6.675968e-05	2.205169e-04	1.854181e-04	-6.772636e-04
## SPNCRNA.780	9.525541e-05	3.085030e-05	-1.677219e-04	1.563383e-04
## SPNCRNA.782	-2.213641e-04	-7.163200e-05	-7.142021e-05	-1.356521e-04
## SPAC3H1.11	4.730639e-03	5.184131e-04	-1.246701e-03	-1.727275e-03
## SPAC3H1.14	3.505049e-04	6.881871e-04	-1.866593e-04	-3.201898e-04
## SPAC9G1.05	1.642219e-03	4.827194e-03	-6.900776e-03	-1.253516e-03
## SPAC9G1.06c	6.329292e-04	-4.444426e-04	-1.489522e-03	5.891042e-05

## SPAC9G1.07	2.185146e-04	-3.189691e-04	-5.185997e-05	1.653320e-04
## SPAC9G1.11c	-7.386161e-04	2.270212e-03	-3.266558e-03	6.103658e-05
## SPAC9G1.12	-4.755481e-04	-3.367525e-03	-1.322146e-03	2.972729e-03
## SPAC767.01c	-2.299323e-03	5.597150e-04	-9.999102e-03	-4.491428e-03
## SPNCRNA.786	9.681108e-05	1.773664e-04	9.801102e-05	9.741621e-05
## SPAC17H9.01	1.342595e-03	-2.051984e-03	-1.287009e-03	1.133499e-03
## SPAC17H9.05	1.127195e-03	3.915351e-04	1.870173e-03	-8.846388e-04
## SPAC17H9.06c	-6.102680e-04	8.017478e-05	-8.556275e-04	-2.703302e-04
## SPAC17H9.07	-8.290144e-04	1.717071e-03	-8.833903e-04	-5.544461e-04
## SPAC17H9.08	7.824710e-05	1.669353e-03	-1.241075e-03	2.880970e-05
## SPAC17H9.11	7.115200e-04	-1.290515e-03	7.022535e-04	-2.502814e-05
## SPNCRNA.788	-1.467251e-05	1.608993e-04	4.525191e-05	-2.020609e-04
## SPAC17H9.18c	-8.268349e-06	-2.469624e-05	8.775509e-06	2.087240e-05
## SPAC17H9.19c	3.436357e-04	-1.356379e-05	2.189587e-04	-6.187404e-06
## SPAC607.02c	5.094800e-04	1.084651e-04	4.043247e-04	-1.155628e-03
## SPNCRNA.789	-1.397653e-04	4.142954e-05	1.172373e-04	-2.217171e-04
## SPAC607.07c	1.748139e-03	1.466962e-03	1.073127e-03	-6.937661e-04
## SPAC607.08c	3.043560e-03	-1.085900e-03	9.327418e-04	2.652076e-03
## SPNCRNA.186	1.962477e-05	-4.611899e-05	4.083819e-05	3.713512e-05
## SPAC607.10	1.143076e-04	4.181559e-04	-1.793165e-03	9.590198e-05
## SPNCRNA.790	1.333662e-05	3.303366e-05	2.177423e-05	1.183352e-05
## SPAC3C7.01c	-1.201906e-03	-3.726663e-04	-2.109164e-03	1.609911e-03
## SPAC3C7.03c	1.646288e-04	3.324716e-04	-7.962638e-04	4.074718e-04
## SPAC3C7.04	-1.924480e-04	1.630088e-03	-2.288999e-03	2.616085e-03
## SPAC3C7.05c	3.449732e-03	2.664917e-03	-7.284345e-03	2.333743e-03
## SPAC3C7.06c	3.426055e-04	-7.640290e-04	-2.172407e-03	6.394305e-04
## SPAC3C7.07c	9.647942e-05	1.535190e-03	-1.265165e-03	1.832459e-04
## SPAC3C7.10	-1.914631e-04	-1.029960e-03	-7.744420e-04	6.218854e-04
## SPAC3C7.11c	-2.073080e-03	-3.064078e-02	1.798543e-03	1.928617e-03
## SPAC3C7.12	-2.828942e-04	-3.533435e-04	-2.255271e-03	-1.288695e-03
## SPAC3C7.13c	-6.149554e-04	-1.090010e-03	1.078164e-03	7.161789e-04
## SPNCRNA.792	-8.924580e-05	-4.969865e-05	-1.721888e-05	-1.872249e-04
## SPAC3C7.14c	3.722420e-02	-3.452916e-03	-1.228614e-02	-2.175042e-03
## SPAC25A8.01c	-2.884606e-03	2.501581e-04	-4.211530e-03	-2.029368e-03
## SPAC631.01c	1.000566e-03	-2.095285e-03	7.252591e-04	1.289918e-03
## SPAC20H4.01	1.096770e-03	-1.877992e-03	-2.646061e-04	1.046839e-03
## SPNCRNA.795	-3.123758e-04	-2.087798e-04	7.982444e-05	-3.129960e-04
## SPAC20H4.05c	8.168776e-05	7.475176e-04	-8.520530e-04	2.045967e-04
## SPAC20H4.06c	3.418806e-04	1.642339e-04	-9.030390e-04	-9.460629e-04
## SPAC20H4.07	1.941193e-05	1.073327e-03	-3.216061e-04	5.248115e-04
## SPNCRNA.796	-2.102174e-05	-1.895496e-04	-1.390645e-04	1.939964e-04
## SPAC20H4.11c	3.234068e-05	1.073825e-04	-2.639073e-04	-4.071888e-04
## SPAC23C11.02c	1.090521e-02	4.663434e-02	5.620885e-03	3.712402e-02
## SPAC23C11.06c	2.351566e-03	-1.606057e-03	-3.019031e-05	4.131818e-03
## SPNCRNA.798	1.406149e-04	-6.579039e-04	1.169226e-03	-6.449057e-05
## SPAC23C11.07	1.286215e-05	-9.972182e-05	5.051430e-05	1.642726e-04
## SPAC23C11.12	1.703942e-04	-5.445946e-05	-2.327862e-04	3.708825e-05
## SPAC23C11.13c	1.685075e-03	2.216031e-04	1.067451e-03	-1.848447e-03
## SPNCRNA.187	1.297933e-05	-2.519152e-05	-3.105805e-05	5.803532e-05
## SPAC23C11.16	1.052510e-03	-5.079104e-04	-6.266560e-04	4.424076e-04
## SPAC13F5.03c	2.768965e-04	-4.316925e-05	1.288659e-04	1.561727e-04
## SPAC13F5.04c	1.316459e-04	7.296550e-05	-1.075319e-04	2.042379e-04
## SPAC13F5.05	7.183196e-04	-8.260016e-04	-1.614329e-04	3.035596e-04
## SPAC1783.01	1.410603e-03	-6.807323e-04	-3.206301e-04	9.618779e-04

## SPAC1783.03	-4.357027e-04	4.422521e-04	-5.774496e-04	-2.965351e-04
## SPAC1783.05	3.624723e-04	-2.286662e-03	-3.431837e-03	3.850773e-04
## SPAC18G6.03	2.584538e-04	-1.109505e-03	-2.818297e-03	-1.506589e-03
## SPNCRNA.805	1.640153e-05	3.648626e-05	2.479844e-05	1.901718e-05
## SPNCRNA.188	-9.678617e-05	1.930526e-05	4.492335e-05	3.171298e-05
## SPAC18G6.15	1.880780e-03	-1.726771e-03	6.127412e-04	4.706497e-04
## SPAC13D6.01	5.421619e-04	-1.082343e-04	4.312570e-04	-1.054314e-04
## SPNCRNA.807	-1.413866e-04	2.108878e-04	3.353530e-04	-4.765142e-04
## SPAC13D6.03c	3.111212e-05	3.595606e-04	-1.242858e-03	-2.724793e-04
## SPAC4G9.04c	3.175805e-04	-1.653803e-05	-2.584170e-04	-2.951354e-06
## SPAC4G9.03	1.547836e-03	-1.561891e-03	-3.318323e-03	6.036302e-03
## SPAC4G9.05	1.198883e-04	6.221307e-05	-6.888633e-05	3.894499e-04
## SPAC4G9.06c	-2.820805e-04	-1.637404e-03	-8.375881e-04	1.308364e-03
## SPNCRNA.808	-2.330225e-05	6.718430e-05	-7.507259e-05	1.004303e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	-4.857155e-03	2.736651e-04	5.906830e-04	-1.068624e-02
## SPAC4G9.10	-3.116322e-03	5.490476e-04	1.005221e-03	-4.650245e-03
## SPAC4G9.11c	1.754426e-03	-2.297992e-04	6.288458e-04	2.490136e-04
## SPAC4G9.12	1.173077e-03	-1.005451e-03	-8.215246e-04	1.771233e-03
## SPAC4G9.14	-6.029801e-04	5.987434e-04	-1.629138e-03	-3.583470e-05
## SPAC4G9.15	1.953428e-03	3.521447e-03	-7.232540e-04	1.358278e-03
## SPNCRNA.809	-5.161547e-05	8.530518e-06	4.402249e-05	-2.589312e-05
## SPAC4G9.19	-1.244971e-06	-3.230710e-04	9.271922e-06	2.761138e-04
## SPAC4G9.20c	-1.128427e-03	-1.441321e-03	-1.835749e-03	-1.563422e-03
## SPNCRNA.810	-1.097072e-04	3.773239e-04	2.497227e-04	-3.255417e-04
## SPAC13G7.01c	3.321591e-04	1.808943e-03	-3.827700e-03	-2.451944e-04
## SPAC13G7.02c	-2.362141e-03	-1.181892e-02	-1.507467e-02	-2.622799e-02
## SPAC13G7.03	3.831337e-04	-6.169286e-05	-3.736884e-05	5.128113e-04
## SPAC13G7.04c	2.058855e-03	-1.799337e-03	-1.183537e-04	-6.923508e-04
## SPAC13G7.05	1.795881e-03	1.392724e-04	5.399363e-04	2.500656e-04
## SPAC13G7.06	-3.318275e-04	6.565770e-04	-4.357578e-03	-2.070952e-05
## SPAC13G7.10	6.810303e-04	-8.772273e-04	-6.789684e-05	9.811990e-04
## SPAC13G7.12c	1.528423e-04	-1.316864e-03	3.062578e-04	-5.706582e-04
## SPAC13G7.13c	7.465463e-04	-5.832248e-04	-1.854908e-05	-2.051609e-04
## SPNCRNA.812	-1.778601e-04	1.900312e-04	-2.495910e-04	4.581720e-04
## SPNCRNA.813	-4.635245e-05	5.607270e-05	-3.367248e-04	-1.704188e-04
## SPAC6C3.03c	-1.189342e-04	-4.882441e-05	5.149117e-05	-1.372433e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-1.605350e-05	1.894759e-04	-3.907800e-05	1.603141e-04
## SPNCRNA.815	2.250291e-04	-7.957852e-05	-2.090192e-04	5.562159e-04
## SPAC6C3.08	3.428097e-04	1.685746e-04	-1.291825e-03	1.212975e-03
## SPAC6C3.09	7.953867e-04	8.656851e-05	3.840622e-04	-4.511207e-04
## SPNCRNA.816	9.512280e-06	-1.811907e-04	2.534374e-04	-2.015900e-04
## SPAC17G8.03c	9.199567e-04	-1.133720e-03	-5.193934e-04	2.103451e-03
## SPAC17G8.15	-2.405765e-04	1.442239e-04	-2.707192e-04	4.692012e-04
## SPAC17G8.04c	1.163993e-03	-1.658549e-03	1.272556e-04	-6.079310e-04
## SPAC17G8.06c	-1.871577e-02	1.593580e-02	1.341801e-02	-8.321398e-03
## SPAC17G8.08c	-8.079559e-04	4.964725e-03	-7.791315e-04	1.526136e-03
## SPAC17G8.11c	1.340654e-03	-1.590859e-03	4.243572e-05	1.351525e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	-2.766913e-04	-6.838733e-04	-2.789465e-03	5.313597e-04

## SPAC17G8.14c	1.723909e-03	-2.629030e-03	6.284675e-04	1.262106e-03
## SPNCRNA.818	-1.403811e-05	-1.932155e-05	2.421577e-06	-7.095376e-05
## SPAC22H10.02	6.075852e-04	-4.919117e-04	7.727468e-04	-4.789064e-04
## SPNCRNA.820	-6.113982e-05	-2.563794e-05	-9.872777e-05	-2.401582e-05
## SPAC22H10.04	1.420105e-03	-2.634299e-04	-9.301033e-05	2.233386e-03
## SPAC22H10.05c	-1.563542e-03	-2.735761e-04	-2.591007e-03	-2.356723e-04
## SPAC22H10.06c	2.453963e-06	-1.742568e-05	-6.002858e-06	-3.632772e-05
## SPAC22H10.07	-3.505169e-04	-4.147168e-04	-1.344375e-03	-2.426327e-04
## SPAC22H10.08	-2.938981e-04	-4.449119e-04	-1.557998e-03	2.079221e-03
## SPAC22H10.11c	1.178115e-03	7.128069e-04	1.353631e-03	-8.289084e-04
## SPAC22H10.12c	3.892746e-03	2.410291e-03	-2.691259e-03	4.571040e-03
## SPAC15F9.01c	3.738203e-05	1.354331e-06	-4.897409e-05	1.571436e-04
## SPNCRNA.822	-1.568565e-05	1.284912e-06	-8.654229e-06	-6.146313e-05
## SPNCRNA.193	-1.295211e-05	-6.086630e-07	1.106838e-05	-1.897925e-05
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	6.690343e-04	-1.839134e-04	-1.001216e-04	3.136731e-04
## SPAC6B12.04c	5.526882e-04	-1.811973e-03	-6.583670e-04	-1.140476e-03
## SPNCRNA.824	5.883191e-06	-9.831374e-05	9.640566e-05	-7.039998e-05
## SPAC6B12.05c	-1.363148e-04	1.043657e-03	-2.411059e-03	-2.799866e-04
## SPAC6B12.06c	-2.219533e-04	2.961911e-04	-1.174336e-03	-2.300500e-04
## SPNCRNA.194	1.804628e-05	6.054112e-05	-9.134389e-05	5.947242e-05
## SPNCRNA.825	-3.088365e-05	-1.122245e-04	2.275521e-05	1.807839e-05
## SPAC6B12.19	9.430794e-05	5.163045e-05	-4.189885e-05	9.605836e-05
## SPAC6B12.09	-4.347591e-04	-1.079294e-03	-5.528160e-04	-6.058133e-04
## SPAC6B12.10c	3.927646e-04	-1.004114e-03	4.112226e-05	1.092010e-04
## SPAC6B12.11	1.476413e-04	-6.037517e-04	7.729823e-05	8.715651e-04
## SPNCRNA.43	8.726498e-06	-6.478107e-06	3.757941e-05	-1.112278e-05
## SPATRNATHR.02	-1.637642e-03	-1.072113e-03	1.467166e-03	9.804681e-04
## SPAC6B12.12	3.522860e-03	2.757136e-03	1.730712e-03	2.968866e-03
## SPAC6B12.14c	-4.709097e-04	2.734867e-04	-5.541241e-04	2.730484e-04
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	6.960881e-06	9.404056e-07	2.812596e-06	-5.444853e-06
## SPAC6B12.16	2.157755e-05	-4.737159e-05	3.227105e-05	4.080857e-06
## SPNCRNA.827	1.575501e-04	1.890871e-04	1.129707e-04	-2.425200e-04
## SPAC32A11.04c	9.905251e-04	-2.878285e-03	1.407479e-03	7.372502e-04
## SPAC32A11.01	-4.039982e-04	3.521472e-05	5.177236e-04	-1.003991e-03
## SPAC32A11.03c	1.036476e-03	-1.172895e-03	-4.920974e-03	2.242210e-05
## SPAC19A8.15	1.154853e-03	-1.115897e-02	9.925638e-04	5.752019e-03
## SPAC19A8.14	-1.004198e-03	4.580580e-04	-1.631697e-03	1.856416e-03
## SPAC19A8.16	7.188988e-04	4.354802e-03	-6.186935e-03	1.710342e-03
## SPAC19A8.06	2.681232e-04	1.723895e-03	-1.429444e-03	4.362288e-04
## SPAC23H3.02c	5.492422e-04	-9.562570e-04	-4.727008e-04	1.979176e-03
## SPAC23H3.03c	3.484181e-04	7.153712e-04	-5.256483e-04	-4.339307e-04
## SPNCRNA.558	-3.969034e-06	8.375604e-07	5.565392e-06	-1.285537e-05
## SPNCRNA.830	1.261165e-04	2.429966e-05	1.726996e-04	4.496563e-05
## SPAC23H3.07c	-2.391390e-04	1.292668e-03	-2.206720e-03	-2.512686e-04
## SPAC23H3.09c	1.618652e-03	-1.203076e-02	1.053122e-02	-1.544769e-04
## SPATRNACYS.02	7.177057e-04	5.298048e-04	7.248699e-03	-5.842283e-03
## SPAC23H3.10	1.806661e-03	1.374175e-03	-3.296256e-03	1.274419e-03
## SPAC23H3.11c	1.867686e-04	-4.165503e-04	-2.208060e-04	6.901466e-04
## SPAC23H3.12c	2.178481e-04	-5.046836e-05	5.743008e-05	-3.376958e-04
## SPAC23H3.14	1.114593e-04	-2.035964e-05	-6.242283e-05	-2.574532e-04
## SPNCRNA.832	-6.611048e-05	-2.457108e-04	1.061886e-04	-7.636379e-04
## SPAC25H1.02	7.691966e-04	-5.623948e-04	1.206486e-03	8.362508e-04

## SPAC25H1.03	1.595511e-04	9.953528e-07	1.365743e-03	-1.789113e-05
## SPAC25H1.10c	2.317291e-04	1.460694e-03	2.268745e-04	4.595822e-04
## SPAC25H1.09	3.358389e-04	1.067861e-04	2.229189e-04	-2.365632e-04
## SPAC4A8.02c	1.875328e-03	-2.492027e-03	3.027974e-04	5.959203e-04
## SPAC4A8.03c	6.844345e-04	6.860778e-04	-1.161620e-03	6.195306e-04
## SPNCRNA.834	-1.343775e-05	2.669893e-05	-1.913482e-04	-2.049672e-04
## SPNCRNA.835	-1.208051e-05	2.110913e-05	5.365112e-06	-3.743104e-05
## SPAC4A8.06c	-1.591678e-03	4.655692e-03	-3.630838e-03	7.606042e-04
## SPAC4A8.09c	-1.191952e-03	1.693297e-03	-1.693823e-03	6.324360e-04
## SPAC4A8.11c	-7.891037e-03	-3.998896e-02	8.255385e-03	-2.831434e-02
## SPAC4A8.13c	-7.272484e-04	7.096721e-03	-2.818391e-03	1.104360e-03
## SPAC4A8.15c	3.688810e-03	2.644983e-04	1.991796e-03	4.404870e-03
## SPAC4A8.16c	1.661309e-02	-2.222508e-02	2.827309e-02	1.357409e-02
## SPNCRNA.840	1.598726e-05	-5.056731e-04	1.139134e-03	-2.949875e-05
## SPAC823.02	-5.783787e-04	1.744528e-03	3.889524e-03	-5.889485e-04
## SPAC823.04	3.455120e-04	3.721710e-04	2.956757e-05	5.662734e-04
## SPAC823.05c	1.398065e-04	1.401850e-03	-2.353978e-03	1.382944e-03
## SPAC823.06	1.267028e-04	-4.107704e-05	-1.078153e-04	-1.902249e-05
## SPAC823.08c	1.996481e-04	7.464884e-04	-4.603142e-04	-7.568158e-04
## SPAC823.09c	-6.261730e-04	-4.556367e-04	-1.199940e-03	6.450935e-04
## SPAC823.10c	3.359939e-04	5.964722e-04	-5.531172e-04	6.866766e-05
## SPAC823.15	5.629592e-04	-3.798979e-04	1.472804e-05	-5.751664e-04
## SPAC7D4.13c	4.735374e-04	-2.504430e-04	1.392089e-04	5.060782e-04
## SPAC7D4.12c	-5.790355e-05	-2.082264e-05	-1.089094e-03	7.560983e-04
## SPAC7D4.10	9.639255e-04	-6.391957e-04	6.749765e-04	-7.738159e-04
## SPNCRNA.842	-1.945285e-05	-5.458754e-05	2.432567e-05	2.529345e-05
## SPAC7D4.15c	2.239887e-05	3.062643e-05	-2.560575e-04	3.497868e-04
## SPAC7D4.07c	9.508055e-03	1.964245e-03	1.102879e-02	-3.193152e-03
## SPSNORNA.12	-2.266746e-02	-8.596798e-03	1.204522e-03	1.521816e-02
## SPAC7D4.05	-1.068203e-04	1.406944e-04	-6.634610e-04	9.779924e-04
## SPAC7D4.02c	-1.005972e-04	-7.332577e-05	-3.491545e-04	-4.495554e-04
## SPAC4F8.13c	2.389062e-03	1.844573e-03	-5.944365e-03	1.292808e-04
## SPAC4F8.11	9.426599e-05	-1.678436e-03	-3.360986e-03	1.390077e-03
## SPAC4F8.08	-2.743026e-05	4.962969e-05	5.968001e-05	-1.696178e-04
## SPNCRNA.201	4.277838e-05	-4.776902e-05	2.001065e-05	-1.810443e-06
## SPAC4F8.06	1.159028e-03	5.513294e-04	-1.087741e-03	2.612690e-04
## SPAC4F8.05c	6.519035e-04	-5.443701e-04	-9.066631e-04	-1.760636e-04
## SPAC4F8.04	2.690090e-04	-1.086962e-03	7.516686e-04	-9.985558e-04
## SPAC644.06c	2.800609e-03	-4.852781e-04	2.237475e-03	1.717476e-03
## SPNCRNA.844	-5.456187e-04	5.073544e-04	-2.682855e-04	-3.668802e-04
## SPATRNLALS.04	-8.336723e-05	4.215478e-04	8.372414e-04	-5.257722e-04
## SPAC644.07	9.244165e-04	4.782441e-04	-2.906983e-04	1.302271e-03
## SPAC644.09	-1.241328e-04	-7.906851e-04	-1.013272e-04	-1.920130e-03
## SPAC644.10	2.176371e-04	-2.135627e-04	-6.718448e-04	4.114634e-04
## SPAC644.12	7.713809e-04	3.549083e-05	-1.788515e-03	-1.137438e-03
## SPAC644.13c	-8.196236e-04	1.014459e-03	-1.917534e-03	3.307523e-04
## SPAC644.17c	1.417531e-03	3.646693e-04	-9.734964e-04	3.205053e-04
## SPNCRNA.198	-1.501927e-06	1.520919e-05	-9.686563e-06	-7.154821e-06
## SPAC644.18c	-6.865097e-04	-8.334831e-04	7.997362e-04	6.971149e-04
## SPAPB2B4.01c	3.828994e-04	4.898915e-04	-7.233045e-04	4.936095e-04
## SPSNORNA.54	1.349232e-03	-1.301856e-02	2.143496e-03	1.046305e-02
## SPNCRNA.846	-1.503500e-04	-2.639187e-04	-6.296463e-05	-1.601054e-04
## SPAPB2B4.05	-7.728613e-04	-1.147310e-03	-3.138584e-03	1.135013e-03
## SPAPB2B4.06	3.417180e-05	1.396962e-05	-1.297996e-04	6.160204e-04

## SPAPB2B4.07	3.495071e-04	7.726661e-04	-1.430572e-03	4.703730e-04
## SPAC6F6.01	-6.121344e-04	-1.164066e-03	-1.848727e-03	2.425201e-05
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	3.527332e-05	3.717026e-05	4.391257e-05	-7.547802e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	3.272984e-05	2.321825e-05	-3.090515e-05	-1.934726e-04
## SPAC6F6.05	2.185252e-04	5.127451e-03	-1.068681e-03	1.286672e-04
## SPAC6F6.06c	2.056769e-03	4.719225e-03	-8.069180e-03	2.153793e-03
## SPAC6F6.07c	3.188855e-02	-2.548259e-02	1.703550e-02	2.484996e-02
## SPAC6F6.12	1.197170e-03	1.261045e-03	-2.087752e-03	7.542336e-04
## SPNCRNA.850	-1.430661e-04	7.620671e-05	1.148426e-04	-1.054261e-04
## SPNCRNA.851	2.346867e-06	2.012754e-04	-3.151681e-04	1.852032e-04
## SPAC6F6.19	3.579204e-04	-2.874689e-04	1.014774e-04	1.966345e-04
## SPAC6F6.15	2.262693e-04	-1.309606e-03	-6.734499e-04	8.903650e-04
## SPAC6F6.16c	-2.528625e-04	-4.471163e-04	-1.075250e-03	-8.650529e-04
## SPAC1805.01c	1.773484e-03	1.847717e-03	-2.952257e-03	1.155216e-03
## SPAC1805.02c	2.336042e-03	1.738263e-03	-1.779419e-03	7.619450e-04
## SPAC1805.06c	7.362890e-04	2.222834e-03	-1.353377e-03	-1.843167e-03
## SPNCRNA.853	9.513580e-05	8.441611e-05	-1.600433e-04	-4.971293e-05
## SPAC1805.07c	3.133609e-05	-4.307400e-04	4.890989e-05	1.035084e-05
## SPNCRNA.854	-1.180963e-05	5.052912e-04	5.224131e-04	7.646972e-04
## SPAC1805.08	8.022048e-04	-1.286779e-03	4.596541e-04	6.987540e-04
## SPAC1805.18	9.305309e-05	3.267576e-05	2.305287e-04	9.045761e-05
## SPAC1805.09c	-2.906421e-04	-2.943863e-04	1.211237e-04	-1.228246e-04
## SPAC1805.10	3.172909e-04	-2.012580e-04	-1.453415e-03	1.526600e-04
## SPAC1805.12c	6.170683e-03	1.650847e-02	7.264297e-03	4.244166e-03
## SPAC1805.13	9.412711e-03	1.005709e-02	6.895607e-03	8.562346e-03
## SPATRNALEU.02	-5.604182e-03	-1.367210e-03	2.119985e-03	-8.764593e-03
## SPAC1B2.02c	9.368882e-05	8.044264e-04	-3.738697e-03	2.585325e-04
## SPAC1B2.03c	1.083613e-02	7.716032e-03	-2.910939e-03	2.583234e-03
## SPAC1B2.04	1.505026e-03	-3.075681e-04	9.835552e-04	1.250504e-05
## SPAC1B2.05	1.155239e-03	2.381808e-04	-2.023905e-03	2.465845e-03
## SPAC3F10.03	8.223407e-04	-5.058597e-03	3.964317e-03	-4.922362e-03
## SPAC3F10.04	3.469504e-05	3.367890e-04	-1.692827e-03	-2.884566e-03
## SPAC3F10.06c	-1.581025e-04	-1.266662e-04	-1.441072e-03	5.460298e-04
## SPNCRNA.855	-5.892921e-06	-1.277727e-04	-1.072306e-05	-3.427699e-05
## SPAC3F10.09	2.042843e-04	1.861347e-03	-1.949279e-03	1.883437e-03
## SPAC3F10.11c	2.151877e-03	1.105316e-03	-2.591937e-03	-1.381194e-03
## SPATRNATHR.03	-6.159547e-03	-4.911083e-03	2.170135e-03	5.587113e-04
## SPAC3F10.15c	1.664855e-03	2.631234e-04	9.062846e-04	8.344186e-04
## SPAC3F10.13	1.821219e-03	-2.441594e-03	6.751283e-04	5.143148e-04
## SPAC3F10.16c	6.384070e-04	8.013425e-05	-3.179709e-04	8.642460e-04
## SPAC3F10.17	1.502657e-03	-5.252168e-04	-7.062409e-04	1.512908e-03
## SPAC3F10.18c	9.709577e-03	1.979043e-02	3.810213e-02	-7.834414e-03
## SPAC8F11.03	-1.552367e-03	-2.686665e-04	-5.165953e-03	1.742882e-03
## SPNCRNA.856	-5.071156e-06	-8.761675e-05	2.802886e-05	1.300736e-04
## SPAC8F11.04	1.231027e-03	-1.866077e-03	2.401551e-03	1.833353e-03
## SPAC8F11.08c	-3.067109e-03	-6.520340e-03	-9.422116e-03	1.050692e-02
## SPAC8F11.09c	5.493346e-04	1.866369e-03	-8.734232e-04	-2.560839e-04
## SPNCRNA.857	-7.818238e-04	6.930106e-04	-1.318545e-03	-5.454715e-04
## SPACUNK4.17	1.717015e-02	-1.755480e-02	4.823626e-02	1.874624e-02
## SPACUNK4.19	5.592032e-05	-2.798400e-05	3.216498e-04	-7.474051e-05
## SPACUNK4.16c	-1.961620e-03	-5.858086e-03	-4.492032e-04	-4.544822e-03
## SPACUNK4.15	5.085819e-03	-2.612249e-04	-1.229385e-03	2.978420e-03

## SPACUNK4.14	2.971674e-04	9.526344e-05	-6.196021e-04	5.535023e-04
## SPNCRNA.56	-6.038861e-06	2.028447e-04	5.615472e-05	-8.768707e-05
## SPACUNK4.12c	-9.493297e-05	-1.697188e-03	-1.850854e-03	1.739853e-03
## SPACUNK4.11c	2.475978e-05	-4.486566e-04	8.214177e-04	5.254237e-04
## SPACUNK4.20	-4.592596e-05	-5.010854e-05	-1.240556e-04	4.115756e-05
## SPACUNK4.09	1.341184e-04	-2.861592e-04	-6.983116e-04	-9.148496e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	-5.515413e-04	2.595241e-03	-5.018967e-03	-5.150991e-04
## SPAPYUK71.03c	3.427717e-04	-4.794230e-03	-2.565396e-03	3.801934e-03
## SPNCRNA.209	1.203610e-05	-1.585164e-05	5.830579e-05	-9.235039e-05
## SPAC513.04	-3.751025e-05	1.033695e-04	-1.344970e-04	1.250535e-04
## SPAC513.06c	1.130556e-03	1.589681e-03	-3.333795e-03	-1.375567e-03
## SPAC513.07	-1.783529e-03	-4.027839e-04	-1.484094e-03	-4.366941e-03
## SPAC2E1P3.02c	-1.891473e-04	-2.768654e-05	-1.366830e-05	-5.245089e-05
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-1.808003e-05	5.043158e-05	6.639415e-05	-6.842654e-05
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	7.324393e-05	1.956991e-03	1.372488e-03	-2.050346e-03
## SPNCRNA.861	-3.866452e-04	3.048768e-04	-7.148632e-05	-2.782681e-05
## SPNCRNA.862	3.133225e-04	9.116963e-04	-7.665642e-04	7.320830e-04
## SPNCRNA.863	-1.602164e-03	-1.543440e-04	1.112032e-03	-2.892847e-03
## SPAPB24D3.01	1.496512e-04	-1.615658e-03	-1.127250e-03	-6.793270e-04
## SPAPB24D3.02c	1.163035e-03	6.883444e-04	-2.414862e-03	-1.534139e-05
## SPAPB24D3.03	-1.238413e-03	-1.031183e-03	-2.239977e-03	-2.582143e-03
## SPAPB24D3.04c	1.735880e-04	1.197670e-05	-7.129566e-04	3.752878e-04
## SPAPB24D3.07c	-3.851906e-03	-6.219247e-03	-8.919515e-03	1.925079e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	6.498151e-03	1.585620e-03	2.461674e-03	6.779343e-03
## SPAPB24D3.10c	4.534029e-04	-6.398634e-04	-2.291016e-04	8.897970e-04
## SPNCRNA.867	3.613327e-04	1.052397e-04	1.097990e-06	-6.503053e-05
## SPNCRNA.868	-2.314397e-05	-4.474019e-05	-7.286514e-05	-8.298995e-05
## SPNCRNA.869	1.869376e-06	-3.853704e-06	-3.892163e-06	6.512102e-05
## SPAPB1A11.04c	6.060911e-04	1.110307e-03	-2.149257e-03	1.442650e-03
## SPAC31G5.02	-2.008431e-04	1.181776e-03	-1.981350e-03	2.481515e-03
## SPNCRNA.870	-3.633808e-05	5.670191e-05	5.027911e-05	-2.917383e-05
## SPAC31G5.04	1.191833e-03	-5.318476e-03	5.664680e-03	-2.817046e-03
## SPAC31G5.06	-4.378460e-05	2.120603e-05	-5.642878e-06	-1.297082e-04
## SPNCRNA.871	-1.844143e-04	7.197124e-05	-2.687253e-05	9.044032e-05
## SPAC31G5.08	8.018637e-04	2.466904e-03	-2.854847e-03	4.898058e-04
## SPNCRNA.71	1.750872e-05	6.426975e-05	-2.480969e-04	9.363304e-05
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	5.634358e-04	6.467864e-04	-8.403806e-05	8.111593e-04
## SPAC31G5.11	4.835779e-03	2.549033e-03	-9.193854e-03	1.088494e-02
## SPAC31G5.21	1.171169e-03	-4.325305e-04	7.011154e-04	4.145657e-04
## SPNCRNA.874	2.600539e-05	-7.172959e-05	4.330983e-06	-4.019280e-06
## SPAC31G5.14	2.819722e-04	5.714705e-03	-1.856682e-03	-3.073294e-03
## SPAC31G5.16c	1.912522e-03	-9.798301e-04	-5.229998e-04	1.379642e-03
## SPAC31G5.18c	4.638769e-04	3.274548e-04	-1.422691e-03	2.233799e-04
## SPAC31G5.19	8.045717e-04	-1.972871e-03	-1.354978e-03	1.019349e-03
## SPNCRNA.876	1.661416e-05	8.694495e-05	-9.455137e-05	-6.361416e-05
## SPNCRNA.877	4.245891e-05	-3.566290e-05	5.089601e-05	-1.131616e-04
## SPAC1786.02	9.084905e-04	1.716039e-03	-8.087648e-03	2.887823e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	6.078362e-04	-1.403286e-03	-9.831231e-04	1.106037e-03

## SPAC24C9.02c	6.621670e-04	1.602484e-04	-8.109422e-04	1.635384e-03
## SPAC24C9.04	7.383484e-04	1.662906e-03	-3.074891e-03	1.432812e-03
## SPAC24C9.05c	-1.857155e-03	-8.759155e-05	-3.978416e-03	1.095526e-03
## SPAC24C9.07c	3.548847e-04	-8.169840e-04	-3.674636e-04	-3.043138e-04
## SPNCRNA.881	-5.886297e-05	6.853532e-05	-2.657468e-05	3.957999e-05
## SPNCRNA.882	-2.792100e-06	2.263627e-06	-3.229806e-05	2.009749e-05
## SPAC24C9.08	-1.814068e-03	8.649178e-04	-5.578548e-03	-2.196539e-03
## SPAC24C9.10c	6.597103e-04	-8.952210e-04	1.716366e-04	9.677436e-04
## SPAC24C9.11	-1.047761e-03	1.192555e-03	-1.720313e-03	9.612740e-04
## SPAC24C9.12c	1.394417e-02	-1.844738e-02	5.016247e-03	9.038495e-03
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	1.413334e-03	1.504345e-03	-7.012582e-04	8.611814e-04
## SPNCRNA.884	8.739697e-06	6.247851e-05	-2.972618e-05	2.218355e-05
## SPATRNALYS.05	6.930735e-06	2.171058e-04	2.955707e-04	-4.856448e-04
## SPAC16A10.05c	-9.772920e-04	-7.391972e-04	1.529768e-04	1.552126e-04
## SPAC16A10.06c	1.422374e-04	-2.323621e-04	-3.356888e-04	7.370370e-04
## SPAC16A10.07c	-4.228948e-04	1.246655e-03	-4.118697e-03	3.974744e-04
## SPNCRNA.885	-3.328174e-04	-4.163460e-04	-4.540026e-04	-3.704914e-04
## SPAC16A10.08c	-7.114624e-05	-2.735296e-04	-3.979291e-04	9.350128e-06
## SPAC589.03c	4.347631e-05	-1.175208e-04	-5.402850e-04	-3.090049e-04
## SPAC589.06c	-4.174022e-04	-7.576456e-03	-2.260293e-03	4.017384e-04
## SPAC589.08c	-3.861723e-05	-8.387364e-05	2.940807e-04	9.116409e-05
## SPAC589.11	9.854162e-05	-2.083400e-05	1.641203e-04	4.327998e-05
## SPAC688.02c	1.953584e-04	2.993960e-04	-9.109285e-04	-2.717776e-04
## SPAC688.06c	6.853426e-05	3.072840e-05	8.137485e-06	-1.389458e-04
## SPAC688.07c	2.097589e-03	2.249981e-04	-2.950687e-03	-3.431457e-03
## SPAC688.08	1.875841e-03	-8.520535e-04	-3.413698e-03	3.049749e-03
## SPAC688.09	-8.480034e-04	5.016907e-04	-1.390663e-03	-1.836222e-03
## SPNCRNA.888	-1.193675e-05	-1.175623e-04	-4.372375e-05	-1.803813e-04
## SPNCRNA.889	-3.688791e-04	-2.928838e-04	-2.496396e-04	-6.374465e-04
## SPAC688.13	2.370258e-04	2.760822e-04	2.931906e-04	7.451982e-05
## SPNCRNA.890	1.688086e-04	-1.760247e-04	-9.852239e-05	8.663683e-05
## SPAC688.14	-1.423070e-04	-1.963709e-04	-1.247871e-03	1.690226e-04
## SPAC688.16	-3.812630e-04	-2.825141e-04	-3.622539e-05	-1.063092e-04
## SPNCRNA.891	4.675958e-05	-5.678452e-05	-5.796804e-05	1.054489e-04
## SPAC3G9.15c	5.274812e-04	-1.063167e-03	7.643791e-04	1.567892e-04
## SPNCRNA.216	4.544598e-06	-2.477095e-06	-3.413535e-06	-5.509139e-06
## SPAC3G9.13c	6.050217e-04	1.122315e-03	-1.536738e-03	4.452234e-04
## SPNCRNA.217	4.013093e-05	-3.188404e-05	3.128077e-05	4.547275e-05
## SPAC3G9.11c	1.104009e-04	-7.058133e-05	-2.777397e-05	6.697892e-05
## SPAC3G9.17	-2.468281e-04	1.501850e-04	-3.118871e-04	4.983400e-05
## SPATRNATHR.04	-3.143436e-02	-3.104010e-02	2.101899e-02	-1.230943e-02
## SPNCRNA.218	-6.028518e-06	-7.051416e-05	1.770766e-04	4.983953e-04
## SPNCRNA.892	-4.631105e-05	1.758023e-04	7.270375e-05	-3.019878e-04
## SPAC3G9.09c	1.988779e-03	-3.315619e-03	1.108665e-02	2.520352e-03
## SPAC3G9.07c	3.650930e-04	1.068813e-03	-1.174645e-03	5.912703e-04
## SPAC3G9.06	1.077990e-03	-3.849617e-04	7.550457e-04	4.620190e-03
## SPAC3G9.03	-2.330828e-03	2.612484e-02	9.435659e-04	5.364076e-02
## SPAC3G9.01	4.138014e-04	-3.694038e-04	4.118236e-05	-3.772468e-04
## SPAC1486.01	2.720433e-03	-6.301571e-04	-5.670230e-03	3.797000e-03
## SPAC1486.05	-9.260878e-04	1.173756e-02	-3.483761e-02	1.752310e-04
## SPNCRNA.894	-5.755300e-05	-5.504033e-05	-1.056578e-04	1.316770e-04
## SPAC1486.11	4.949214e-05	3.182072e-04	-1.687244e-06	-1.634620e-04
## SPAC1486.07c	9.715322e-04	5.458793e-04	-7.860036e-04	1.806446e-04

## SPAC1486.08	6.118794e-04	3.611728e-04	1.128952e-05	-3.237073e-04
## SPAC1486.10	5.743658e-04	5.139175e-04	-2.318480e-03	2.036130e-03
## SPAC6G10.02c	-4.346194e-04	2.087505e-03	-6.879817e-03	3.933491e-04
## SPAC6G10.03c	1.488289e-03	-1.847301e-03	3.180822e-04	-3.089664e-04
## SPAC6G10.04c	1.823735e-03	3.984187e-03	-5.146785e-04	-4.851810e-03
## SPAC6G10.05c	3.831609e-04	1.221819e-03	-4.986731e-03	1.550200e-03
## SPNCRNA.896	2.448739e-04	-5.458187e-04	4.971416e-04	1.371276e-04
## SPAC6G10.07	2.450866e-03	2.126021e-03	-2.370940e-04	1.249805e-03
## SPAC6G10.08	6.967249e-03	-1.754395e-03	3.198628e-03	3.108351e-03
## SPAC6G10.09	5.470135e-03	-5.312597e-05	-1.590143e-03	3.553312e-03
## SPAC6G10.10c	2.423758e-05	-4.343277e-05	-8.447307e-05	-1.475469e-04
## SPAC6G9.02c	-1.342984e-03	2.409082e-03	-5.197020e-05	1.963543e-03
## SPAC6G9.03c	-1.356463e-04	1.437343e-04	-9.845550e-04	9.842586e-04
## SPAC6G9.09c	1.439970e-02	2.672800e-03	-7.838314e-04	1.861447e-02
## SPAC6G9.12	2.285400e-03	-1.437707e-03	-8.306631e-04	1.590698e-03
## SPNCRNA.899	3.528677e-05	-6.324130e-05	-4.046836e-05	1.484344e-04
## SPAC6G9.15c	7.571760e-04	4.515440e-04	-2.486290e-03	1.125826e-03
## SPAPB1E7.01c	-2.511499e-04	1.210122e-04	-4.080255e-04	-5.655899e-04
## SPAC652.01	1.082330e-03	3.879863e-04	-5.047514e-04	6.122354e-04
## SPAPB1E7.03	-5.972545e-04	2.540835e-04	-1.159430e-03	3.287912e-04
## SPAPB1E7.04c	1.886435e-02	7.662150e-03	-3.162077e-03	2.313094e-03
## SPAPB1E7.06c	2.923472e-04	-3.553638e-04	-3.690262e-04	-2.318022e-05
## SPNCRNA.900	-9.949710e-05	-8.796357e-05	3.210886e-04	-2.843953e-04
## SPAPB1E7.07	-1.495166e-02	-1.096334e-02	8.393579e-03	2.833252e-03
## SPNCRNA.901	-1.225666e-04	1.119310e-05	-4.664390e-05	-6.708073e-05
## SPSNORNA.43	3.240636e-06	5.199937e-06	-1.921600e-06	-4.121766e-06
## SPAPB1E7.10	9.560811e-05	-1.086164e-04	5.434092e-05	4.278908e-04
## SPAC2E1P5.01c	1.298866e-03	1.852791e-03	-2.965531e-03	1.732630e-04
## SPAC2E1P5.03	6.681482e-04	2.962476e-03	-1.336534e-03	-9.569389e-04
## SPAC2E1P5.05	-1.451233e-03	1.210619e-03	-9.996765e-04	9.204435e-04
## SPAC26A3.02	6.802636e-04	6.079593e-04	-2.603587e-03	1.161568e-03
## SPAC26A3.05	2.000928e-03	-2.439955e-02	-6.109830e-03	1.921210e-02
## SPAC26A3.08	1.121660e-03	-2.428218e-03	-2.377082e-04	3.674805e-03
## SPAC26A3.09c	8.723142e-04	-1.522596e-03	-4.876456e-04	1.419268e-04
## SPAC26A3.10	-8.643411e-05	2.373451e-03	-4.683816e-03	5.621676e-04
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	2.014099e-03	-2.128945e-03	-1.391462e-03	2.153176e-03
## SPAC8E11.12	8.180152e-06	1.015715e-05	-3.685251e-05	-6.942846e-05
## SPNCRNA.903	9.382041e-05	-5.461079e-05	-1.764387e-04	2.186058e-04
## SPAC8E11.08c	-1.283115e-04	-2.781931e-04	-1.394810e-04	2.186440e-04
## SPAC8E11.06	-5.358178e-05	1.139969e-06	1.632943e-04	-6.468696e-05
## SPAC8E11.04c	3.844185e-04	1.669263e-03	-6.545447e-04	-8.930788e-05
## SPNCRNA.904	-1.804161e-04	-7.331855e-05	1.890766e-04	-3.582524e-04
## SPAC8E11.03c	-1.452391e-06	-2.448463e-05	7.506670e-05	7.944227e-05
## SPAC8E11.02c	1.112160e-02	-1.714948e-02	7.380849e-03	1.019054e-02
## SPAC959.02	8.700228e-04	-2.775435e-03	-1.635709e-03	6.992536e-04
## SPAC959.03c	-2.168985e-04	1.615851e-03	-8.211326e-04	6.353682e-04
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-7.007518e-05	-1.342365e-04	2.930428e-04	-4.464123e-04
## SPAC959.05c	2.286035e-04	5.237644e-05	-1.176064e-03	5.624233e-04
## SPAC959.07	1.493422e-02	-8.860246e-03	1.862819e-02	2.040557e-02
## SPAC959.09c	1.850339e-04	3.832057e-04	-7.245203e-04	1.021577e-04
## SPAP32A8.02	3.190661e-03	4.829669e-04	8.498781e-04	1.755385e-03
## SPAP32A8.03c	-9.998948e-05	-1.103514e-03	-4.719789e-04	-3.662845e-04

## SPAC3H5.10	1.024320e-02	3.927363e-02	-9.484393e-03	5.530751e-02
## SPAC3H5.08c	6.906534e-04	-4.742599e-04	-2.711312e-03	9.388090e-04
## SPAC3H5.06c	5.055862e-04	-9.356987e-04	-2.177951e-03	-1.248385e-03
## SPAC3A11.13	2.271398e-04	6.062153e-04	6.574037e-05	-2.590451e-04
## SPAC3A11.12c	3.920778e-03	-4.471292e-03	2.089512e-03	1.770805e-03
## SPAC3A11.10c	9.967794e-04	1.917890e-04	-3.608116e-03	1.017759e-03
## SPAC3A11.09	-1.703975e-03	-1.777718e-03	-3.613994e-03	-1.067292e-03
## SPNCRNA.909	-1.670456e-04	3.401897e-04	-2.692544e-04	-6.332132e-04
## SPNCRNA.910	1.687263e-05	-1.130431e-04	1.312696e-04	-1.294321e-04
## SPAC3A11.05c	5.770505e-04	-3.809851e-04	3.545490e-04	4.717869e-04
## SPAC3A11.04	2.908703e-04	-1.380913e-04	-1.372424e-04	-9.435144e-05
## SPAC3A11.03	3.310259e-04	2.832930e-04	-3.723117e-04	9.425092e-04
## SPAC3A11.02	7.275353e-04	-6.642987e-04	-3.436809e-04	4.161045e-04
## SPAC328.04	2.125854e-03	1.298407e-04	-5.093691e-04	3.444708e-03
## SPAC328.05	-5.899098e-06	-1.011656e-03	-6.345277e-04	1.233565e-03
## SPAC328.06	2.709816e-03	-1.282367e-03	-2.056211e-03	3.097715e-03
## SPAC328.08c	3.174068e-04	-1.589717e-04	-1.297830e-04	3.819276e-04
## SPAC328.10c	4.036437e-03	2.517562e-02	7.114568e-03	7.081680e-05
## SPNCRNA.222	-6.366561e-06	-5.120003e-06	5.064885e-06	-1.255792e-05
## SPAC16E8.02	2.872985e-04	-2.030850e-04	-7.056244e-04	1.406323e-04
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	6.254779e-05	1.619846e-04	-2.829275e-04	5.627480e-06
## SPAC16E8.06c	-1.675001e-03	-1.868314e-03	-4.729957e-04	-1.143650e-03
## SPAC16E8.07c	-1.079066e-04	1.491198e-03	-1.087835e-03	3.145050e-03
## SPAC16E8.09	9.712028e-04	-6.898878e-04	-1.585809e-03	1.433152e-03
## SPAC16E8.13	-3.071285e-04	-2.583825e-04	3.871238e-05	1.633510e-04
## SPAC16E8.15	7.425068e-04	-6.541636e-04	1.768564e-03	4.811213e-03
## SPAC16E8.18c	2.274317e-04	-2.219901e-04	-4.498523e-04	3.891103e-04
## SPAC1B1.01	6.242228e-04	-7.976225e-04	-5.415035e-04	1.029847e-05
## SPNCRNA.915	-6.520521e-05	-3.913912e-06	-1.340835e-04	-9.064131e-05
## SPAC17A2.01	-1.863871e-04	7.327985e-04	-1.478302e-03	-9.432557e-04
## SPAC17A2.02c	-2.543338e-03	-5.490967e-03	-2.587201e-03	-1.066488e-03
## SPAC17A2.04c	2.232347e-05	4.392503e-04	-5.860033e-04	1.723927e-03
## SPNCRNA.124	-1.506326e-05	1.233112e-05	-1.307251e-05	1.304166e-05
## SPATRNNATRP.01	-6.378744e-05	-1.469762e-05	4.462427e-04	1.848091e-04
## SPAC17A2.05	-3.062563e-04	-1.770544e-03	-3.664586e-03	-2.887294e-04
## SPAC17A2.06c	4.212960e-04	-9.923799e-04	-2.490716e-03	2.137773e-03
## SPAC17A2.07c	3.486059e-04	-2.192393e-04	-8.267712e-06	2.970310e-04
## SPAC17A2.08c	1.808182e-04	-3.143900e-04	8.359468e-05	3.238210e-04
## SPAC17A2.09c	3.261010e-03	-2.330029e-03	-6.530936e-04	3.369282e-03
## SPAC17A2.10c	1.276309e-04	2.175434e-04	-1.358110e-04	7.895818e-05
## SPAC17A2.11	8.407184e-06	2.945873e-05	-4.647997e-05	-3.734510e-05
## SPNCRNA.920	-4.430453e-05	5.322960e-04	-4.932984e-04	-1.782139e-04
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	4.499066e-04	-8.578718e-04	1.023469e-03	-1.489593e-04
## SPATRNNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	-8.030721e-05	-1.794759e-03	-4.867353e-03	1.624936e-03
## SPAC17G6.05c	7.989618e-04	-4.314846e-04	-2.498833e-03	-1.176294e-03
## SPAC17G6.06	-1.877150e-02	-4.730522e-03	2.624188e-02	4.082469e-02
## SPAC17G6.08	-2.400508e-04	-8.779488e-05	-2.404566e-03	7.577690e-04
## SPAC17G6.10	1.816527e-03	1.818960e-03	-2.329149e-03	-2.730727e-04
## SPAC17G6.11c	3.674537e-03	4.539012e-04	-5.851305e-03	3.485457e-03
## SPNCRNA.921	-2.493674e-05	3.944564e-05	5.845717e-06	2.479670e-05

## SPAC17G6.13	-4.017279e-03	-4.009918e-03	-8.847396e-03	-1.073195e-02
## SPAC17G6.14c	7.145967e-03	-4.558570e-03	2.812483e-03	2.873617e-03
## SPAC17G6.15c	1.161089e-03	-5.556950e-04	6.625516e-04	5.051114e-04
## SPAC17G6.16c	-5.780709e-04	-1.541430e-03	7.151256e-04	1.942205e-03
## SPAC17G6.17	1.800059e-04	1.180919e-03	-1.438550e-03	5.681788e-04
## SPAC1142.01	1.369498e-03	1.397986e-03	-3.165373e-03	-1.557886e-04
## SPAC1142.02c	-1.658715e-03	-2.166214e-03	-1.221064e-03	-5.791473e-03
## SPAC1142.04	-2.029735e-03	1.831104e-04	6.206444e-05	-3.857966e-03
## SPNCRNA.923	1.212137e-04	1.281102e-05	-6.877948e-05	5.937948e-05
## SPAC1142.05	-4.049192e-03	2.018005e-03	-1.181044e-03	2.183232e-03
## SPAC1142.06	-2.579291e-04	-8.195468e-05	2.426775e-04	-1.315281e-03
## SPAC1142.07c	7.623508e-04	-1.916432e-04	-1.317672e-04	7.999878e-04
## SPAC1142.08	3.799142e-04	-4.297622e-04	3.224480e-04	-8.625785e-04
## SPAC1142.09	-3.585138e-06	1.012719e-05	-2.039137e-05	-3.219679e-05
## SPNCRNA.925	-6.185711e-05	1.308029e-04	-7.830336e-05	1.385131e-04
## SPAC8C9.04	2.829135e-03	-6.544677e-03	2.137145e-03	7.599998e-04
## SPAC8C9.07	-1.712708e-04	-3.712177e-04	1.807447e-03	1.228290e-03
## SPAC8C9.08	1.891654e-02	4.709664e-02	-6.005984e-03	-3.114065e-02
## SPAC8C9.09c	6.222736e-04	9.242219e-04	-2.514580e-04	2.722779e-04
## SPAC8C9.11	3.565691e-04	2.016194e-04	2.811357e-04	-2.689285e-04
## SPNCRNA.228	5.420184e-05	-2.875948e-05	-3.090888e-04	1.691565e-04
## SPAC8C9.19	5.948614e-05	1.300551e-04	-3.128546e-04	-1.205313e-04
## SPAC8C9.12c	1.633424e-03	-1.394808e-04	-5.968470e-04	-2.032766e-03
## SPAC8C9.14	4.020813e-03	-1.399918e-03	3.788172e-03	-1.543267e-03
## SPAC8C9.15c	-2.109898e-03	1.725428e-03	-2.645966e-03	-1.902729e-03
## SPNCRNA.926	-5.691698e-04	-2.072241e-04	-7.603823e-04	-6.973904e-04
## SPAC15A10.17	3.719250e-04	4.186179e-05	-1.890547e-04	-5.893088e-05
## SPAC15A10.06	8.240209e-06	7.136543e-04	-1.650626e-03	-6.322494e-04
## SPNCRNA.927	-1.231206e-05	9.300783e-06	-2.274150e-05	4.933142e-05
## SPAC15A10.08	-1.225862e-03	-1.780748e-03	-2.456351e-03	-1.221679e-03
## SPAC15A10.09c	2.718093e-03	1.071180e-03	-1.177726e-03	5.903706e-04
## SPNCRNA.928	1.098415e-05	-3.425267e-04	2.016275e-04	-3.259733e-05
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	-1.360195e-03	3.021318e-03	6.104891e-03	-5.285494e-03
## SPAC15A10.11	6.037450e-03	-4.350085e-03	-2.914754e-03	2.592900e-03
## SPAC15A10.12c	2.216585e-04	9.548389e-04	-6.853551e-04	2.139676e-04
## SPAC15A10.13	-2.544592e-04	1.086185e-03	-1.930067e-03	-9.400184e-04
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-9.801261e-05	1.362697e-05	-1.817523e-04	-1.212646e-04
## SPAC15E1.03	1.514616e-02	1.672272e-02	1.615563e-02	1.564538e-02
## SPAC15E1.05c	1.413800e-04	7.814622e-04	-1.251417e-03	-1.422313e-03
## SPAC15E1.09	-2.367258e-04	8.966420e-04	-6.251018e-04	-8.764016e-04
## SPAC15E1.10	3.332781e-04	1.164672e-04	-7.536983e-04	6.058929e-04
## SPNCRNA.932	5.341531e-05	3.468212e-05	-5.248942e-05	3.940575e-05
## SPAP7G5.02c	5.672459e-05	-4.907817e-03	1.239599e-02	-1.843309e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	8.697600e-03	-5.199225e-03	5.227711e-03	4.979050e-03
## SPNCRNA.934	-2.504802e-05	3.605762e-04	-6.645794e-04	-4.117150e-05
## SPNCRNA.935	2.533569e-04	-1.049406e-03	6.477913e-04	-9.861018e-04
## SPNCRNA.84	-8.890018e-07	1.840689e-05	-1.948488e-06	-7.307819e-06
## SPNCRNA.230	-1.199206e-05	5.044324e-06	-1.154971e-05	1.183980e-05
## SPNCRNA.231	-1.166343e-05	-1.628123e-05	2.692747e-05	-9.260847e-06
## SPNCRNA.232	-6.066406e-06	1.090201e-05	3.245669e-05	-6.870595e-06
## SPATRNAILE.03	-1.812792e-04	-1.605817e-04	2.783426e-04	-3.641503e-04

## SPNCRNA.233	-4.016528e-06	6.421180e-06	7.500558e-06	-5.610468e-06
## SPATRNAGLU.04	-2.074551e-02	6.560434e-03	1.149613e-02	9.839421e-03
## SPATRNAALA.05	-3.340889e-06	-2.877885e-05	4.486123e-04	-2.345967e-04
## SPNCRNA.234	1.103575e-05	3.120056e-05	2.298758e-05	-1.569363e-05
## SPAC1556.01c	-1.278739e-03	-1.375054e-03	-1.223929e-03	-1.289340e-03
## SPAC1556.03	3.456833e-04	9.460161e-04	-2.559592e-03	-3.542607e-04
## SPAC1556.04c	4.062139e-05	-6.853838e-04	8.789270e-05	-2.581744e-04
## SPAC1556.05c	3.339036e-04	4.432431e-05	-3.127201e-04	1.888503e-04
## SPAC1F12.02c	-5.683518e-02	1.962787e-02	5.691266e-02	1.253060e-01
## SPAC1F12.03c	-9.074985e-05	-2.456337e-05	5.554121e-06	1.220887e-04
## SPAC1F12.04c	-5.600239e-04	7.155456e-04	-1.592718e-03	1.780180e-03
## SPAC1F12.05	1.992176e-03	-1.204703e-03	-1.357390e-03	2.008688e-03
## SPAC1F12.07	8.847853e-04	-4.116180e-03	4.397526e-03	-3.451269e-03
## SPNCRNA.937	-9.286505e-05	-2.125637e-06	-3.462809e-04	1.679110e-04
## SPAC4H3.01	-1.294678e-04	7.051258e-04	-8.491295e-04	4.775606e-04
## SPAC4H3.03c	-1.069075e-04	-4.178287e-04	-1.876127e-03	-9.583327e-04
## SPAC4H3.06	1.440062e-04	6.854502e-04	2.390781e-04	5.921187e-04
## SPAC4H3.09	7.470232e-04	1.683452e-05	7.715245e-04	-1.100795e-04
## SPNCRNA.941	-3.387639e-06	-1.040083e-05	1.958542e-05	-4.377081e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-1.851944e-05	4.765845e-06	1.729876e-05	3.448854e-07
## SPNCRNA.942	4.188344e-04	1.571226e-03	2.215361e-03	-1.377813e-04
## SPAC4H3.12c	-6.740455e-05	8.203554e-05	7.059781e-05	1.324272e-05
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	4.229956e-04	2.326605e-03	3.089519e-04	-1.597455e-03
## SPAC1071.02	3.371277e-04	-9.824509e-05	-1.914322e-03	2.954775e-03
## SPAC1071.03c	7.676072e-04	1.769051e-04	-1.520149e-03	-1.497466e-04
## SPNCRNA.237	1.830444e-06	7.165056e-05	-1.120913e-04	1.190683e-05
## SPNCRNA.943	-7.531001e-05	3.470225e-05	-5.205471e-05	-8.912559e-05
## SPAC1071.05	6.419701e-04	-9.594974e-05	-7.647073e-04	-3.146676e-04
## SPAC1071.06	5.067241e-04	-1.342509e-03	-1.307138e-03	6.224984e-04
## SPAC1071.08	8.183530e-03	-2.352542e-04	-9.070297e-04	1.042151e-02
## SPAC1071.10c	1.335134e-01	-7.183422e-02	-2.063207e-02	1.785956e-02
## SPNCRNA.93	-9.731204e-07	-1.810693e-05	5.658645e-05	-5.088435e-05
## SPAC1071.13	2.982906e-04	1.299167e-04	6.375826e-06	-1.984661e-04
## SPNCRNA.945	-2.650431e-05	1.095154e-04	-1.620112e-04	2.496585e-04
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	6.782481e-04	1.774499e-03	-8.097864e-04	9.114330e-04
## SPAC926.02	3.404612e-04	-1.689460e-04	-8.579756e-04	-1.146087e-03
## SPNCRNA.946	-3.644528e-04	-1.548007e-04	-1.142462e-03	3.947527e-04
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	7.703758e-05	-9.995621e-05	2.345827e-04	5.144408e-04
## SPAC926.04c	-2.427623e-01	-1.998009e-01	-1.121966e-01	-1.235772e-01
## SPRRNA.18	9.492883e-03	3.358999e-02	-2.452943e-02	6.075230e-03
## SPAC926.05c	-3.517748e-04	4.828964e-04	-1.171573e-03	2.280359e-04
## SPAC926.09c	-1.274749e-02	-8.509874e-02	6.430587e-03	-2.301585e-02
## SPAC323.01c	-1.135217e-05	-1.905374e-04	-4.534476e-04	9.539921e-04
## SPNCRNA.948	-8.363124e-05	1.142567e-04	4.310488e-05	-1.725360e-04
## SPAC323.06c	-1.183532e-04	-5.304899e-04	-3.107348e-04	1.103142e-03
## SPAC323.07c	9.612318e-04	1.698140e-03	-4.558056e-03	-2.335524e-03
## SPAC2F3.02	-1.359428e-04	-5.281856e-04	-2.599615e-03	2.224700e-03
## SPAC2F3.03c	2.081899e-03	-4.622571e-03	5.387008e-04	3.935415e-03
## SPAC2F3.04c	8.045958e-04	-6.112468e-05	-2.292381e-04	1.886553e-03
## SPAC2F3.05c	3.499753e-03	-1.049029e-03	-1.583534e-03	2.821561e-03

## SPAC2F3.06c	-2.641677e-03	-3.963527e-03	-4.656855e-03	1.415158e-03
## SPAC2F3.08	1.007281e-03	-1.582952e-03	8.493067e-04	7.588744e-04
## SPNCRNA.949	-3.320117e-04	-4.115556e-04	-8.837952e-04	5.334669e-04
## SPNCRNA.950	5.257834e-06	2.170902e-05	1.186042e-05	6.604331e-06
## SPAC2F3.18c	3.680629e-04	1.440090e-03	9.573545e-06	-7.419873e-05
## SPAC2F3.11	1.023838e-03	9.777626e-04	1.097852e-03	8.419647e-04
## SPNCRNA.240	2.478729e-05	2.276391e-05	2.652330e-06	-2.700345e-06
## SPAC11G7.01	3.429549e-03	-3.259880e-03	1.239357e-03	3.032795e-03
## SPAC11G7.02	3.221121e-03	-4.005088e-03	2.281689e-03	3.663753e-03
## SPAC11G7.03	-1.235871e-03	-1.623378e-04	-5.061134e-03	-2.776260e-03
## SPAC11G7.04	1.004784e-02	-1.129640e-02	8.205081e-03	7.945484e-03
## SPAPB18E9.01	7.726073e-04	1.613607e-03	-2.213460e-03	-4.209969e-04
## SPAPB18E9.05c	1.459269e-03	7.901234e-05	-1.508702e-03	4.853897e-04
## SPAPB15E9.01c	3.553392e-02	-5.892910e-03	-2.270650e-02	1.576317e-03
## SPAPB15E9.02c	2.630922e-04	1.593645e-05	-2.817836e-04	-3.999148e-04
## SPAC27E2.02	2.075122e-04	4.372668e-04	-8.523463e-04	3.118576e-04
## SPNCRNA.53	-1.851587e-06	4.465969e-07	-1.368949e-06	-2.341177e-06
## SPAC27E2.14	-2.447369e-04	2.705752e-04	6.166589e-05	7.062238e-04
## SPAC27E2.05	9.363575e-04	-1.035649e-03	-1.554092e-03	1.366588e-03
## SPAC27E2.09	-5.186910e-04	-3.745557e-03	-3.004330e-03	3.567447e-03
## SPAC27E2.10c	-1.460404e-04	-2.968274e-04	2.242693e-04	5.733813e-04
## SPAPJ698.03c	-1.626976e-03	2.538248e-03	-6.295412e-03	-4.535063e-04
## SPAC19G12.02c	-1.823934e-04	-2.117970e-05	-1.064049e-03	3.455786e-04
## SPAC19G12.04	-2.029858e-04	5.201054e-04	-6.675697e-04	-3.603272e-04
## SPAC19G12.06c	1.846903e-02	3.107214e-03	6.145019e-03	4.950251e-03
## SPAC19G12.07c	7.602912e-04	-9.984641e-04	-1.027641e-03	8.103651e-05
## SPAC19G12.08	1.981160e-03	-1.555368e-03	-2.315634e-03	-1.208486e-03
## SPATRNALEU.04	-1.601266e-02	-3.919450e-04	3.133786e-02	-1.412982e-02
## SPAC19G12.09	6.150770e-03	2.247680e-03	-3.164320e-03	2.562600e-03
## SPAC19G12.13c	-4.256649e-04	-8.194252e-06	-1.237536e-03	-4.105244e-04
## SPAC19G12.14	9.545563e-04	-1.435394e-03	-4.766490e-04	7.899219e-04
## SPAC23A1.07	1.408200e-04	6.976375e-04	-1.031304e-03	6.486644e-04
## SPAC23A1.08c	1.674294e-02	3.234686e-02	1.826959e-02	7.843327e-03
## SPAC23A1.10	3.778369e-02	-2.209513e-02	1.779580e-04	9.591569e-02
## SPAC23A1.15c	-3.758160e-06	1.358834e-03	1.831836e-04	-4.271449e-04
## SPAC23A1.16c	4.452558e-04	-1.474002e-04	1.490897e-04	-7.900163e-05
## SPNCRNA.341	5.208898e-06	8.159482e-06	3.534987e-06	-1.310283e-06
## SPAC26H5.04	1.451094e-03	-7.714446e-05	9.973158e-04	6.831106e-04
## SPNCRNA.961	-7.147666e-05	-4.995494e-06	-8.970081e-05	1.095024e-04
## SPAC26H5.07c	1.489579e-03	-2.381789e-03	-3.666150e-03	-1.512675e-03
## SPAC26H5.08c	1.480244e-04	-6.341895e-03	-1.352613e-03	1.719616e-04
## SPNCRNA.962	-3.664017e-07	-1.197484e-06	1.517518e-06	-3.186252e-06
## SPNCRNA.306	9.112257e-06	4.254799e-06	1.098183e-05	2.339694e-06
## SPAC26H5.09c	5.304611e-04	-8.967822e-03	-2.729366e-03	-5.562214e-04
## SPAC26H5.10c	4.875417e-02	3.425294e-02	1.666933e-02	2.119085e-02
## SPNCRNA.964	9.649424e-05	-7.100327e-05	-7.010301e-05	-2.166440e-04
## SPNCRNA.965	-2.998209e-05	-1.095616e-07	1.154381e-04	2.343775e-04
## SPNCRNA.242	-1.822465e-01	-2.351015e-01	1.418287e-01	-1.164863e-02
## SPSNORNA.13	2.384363e-03	4.066666e-02	-3.287675e-02	-8.141037e-02
## SPAC25B8.02	6.437144e-05	-9.711421e-05	-4.827120e-05	-8.589506e-04
## SPAC25B8.03	-6.917317e-04	-1.787155e-03	-2.877234e-03	8.583119e-04
## SPAC25B8.04c	3.715484e-04	-1.727503e-04	-1.173771e-04	2.386748e-04
## SPAC25B8.05	1.273759e-04	-7.019413e-04	-6.236144e-04	-2.862791e-04
## SPAC25B8.07c	1.249323e-03	-4.204650e-04	-4.517548e-04	9.701900e-04

## SPAC25B8.20	-1.467461e-04	-2.044435e-04	-4.473247e-04	8.039389e-05
## SPNCRNA.967	-4.107664e-05	1.354463e-04	-2.257637e-04	4.678837e-04
## SPAC25B8.10	-1.361708e-03	-1.795192e-04	-3.127667e-03	4.553267e-06
## SPAC25B8.11	2.436856e-04	1.859782e-03	-3.021139e-03	-3.212040e-04
## SPNCRNA.968	-4.731110e-06	5.000701e-05	-7.513428e-06	1.291694e-04
## SPAC25B8.13c	4.413250e-03	-6.491037e-04	-1.832216e-03	-6.351992e-05
## SPRRNA.19	6.539421e-04	7.543358e-04	3.005603e-04	-1.169538e-03
## SPAC25B8.14	1.042971e-04	-6.679496e-04	-3.203216e-04	8.004866e-04
## SPAC25B8.15c	8.629326e-05	6.982376e-05	3.445928e-05	3.611282e-05
## SPAC25B8.16	4.816870e-04	-1.095105e-03	-1.075972e-03	-4.361762e-04
## SPNCRNA.970	1.112406e-04	4.547336e-04	-3.830496e-04	-4.971965e-05
## SPNCRNA.971	-2.313188e-04	1.437413e-04	-3.393386e-05	6.418931e-05
## SPAC694.03	-3.839960e-04	-1.563092e-04	1.239180e-04	-8.160212e-04
## SPAC694.04c	1.438719e-05	-6.451024e-04	1.520682e-03	-1.103366e-03
## SPNCRNA.972	-5.212659e-05	1.288233e-04	-3.935255e-04	-6.708934e-04
## SPAC1F7.02c	4.241474e-04	-8.785223e-04	1.044670e-03	3.034676e-03
## SPAC1F7.03	2.685594e-03	1.279269e-03	-4.008430e-03	-1.306570e-03
## SPAC1F7.06	-4.606080e-05	-1.933552e-05	-5.220216e-07	-6.475494e-05
## SPAC1F7.07c	1.595403e-03	-2.125742e-04	-2.152107e-03	-5.696255e-03
## SPSNORNA.14	-6.152252e-07	1.236420e-07	-7.844248e-07	-5.409431e-06
## SPRRNA.20	7.371889e-03	2.602703e-02	-3.599289e-03	-2.267729e-02
## SPAC1F7.10	-5.778115e-04	-5.246869e-04	-1.088424e-03	1.292833e-03
## SPAC1F7.11c	6.820513e-04	-1.763004e-03	1.676226e-04	1.298004e-03
## SPAC1F7.12	5.974976e-04	-2.498160e-04	-6.926231e-03	3.659838e-03
## SPAC21E11.03c	7.197476e-04	-2.685619e-03	4.320479e-03	1.495504e-03
## SPAC21E11.05c	2.506948e-04	8.579064e-04	-5.684971e-04	3.341885e-05
## SPAC21E11.08	2.427008e-03	-3.454574e-03	1.815551e-04	2.554966e-03
## SPATRNASER.03	-1.596302e-03	1.200592e-03	3.767196e-04	1.421803e-03
## SPATRNAMET.03	-2.597310e-04	1.292659e-03	9.195586e-04	-1.560094e-03
## SPAC2C4.05	1.099162e-03	2.659511e-03	-1.726364e-03	-9.407187e-04
## SPAC2C4.06c	8.871369e-05	-3.722285e-04	-3.898798e-05	8.176543e-05
## SPAC2C4.08	8.398158e-05	1.714566e-05	-2.708882e-04	2.941447e-04
## SPAC2C4.11c	-1.579755e-04	-1.613598e-03	-1.646902e-04	3.490262e-03
## SPAC2C4.12c	-1.119093e-03	1.255872e-03	-1.652552e-03	-4.824952e-05
## SPAC2C4.14c	-1.427935e-03	-2.868671e-04	-2.136890e-03	-2.611111e-04
## SPAC2C4.15c	1.547890e-03	1.769350e-03	-1.652170e-03	8.215110e-04
## SPAC2C4.16c	1.640902e-02	6.623400e-02	-7.778276e-03	5.761886e-02
## SPNCRNA.974	-2.970331e-04	-2.324341e-04	1.215080e-03	3.804084e-04
## SPNCRNA.975	-4.184294e-05	-3.585783e-04	-9.779509e-05	-1.503006e-04
## SPNCRNA.976	6.734341e-06	-3.730192e-05	2.376671e-04	-2.494739e-04
## SPAC25G10.01	3.752418e-04	2.188245e-04	-1.588210e-03	-9.962126e-04
## SPAC25G10.05c	6.296631e-03	-6.173710e-03	3.547266e-03	1.720777e-02
## SPAC25G10.06	-3.283786e-03	2.485462e-02	1.457270e-02	2.885650e-02
## SPAC25G10.07c	1.320495e-05	-8.244628e-04	-1.164647e-03	2.020851e-04
## SPAC25G10.09c	4.603216e-03	-5.812916e-03	-2.334150e-03	-2.364916e-04
## SPAC27F1.02c	1.901743e-03	-2.952193e-04	-6.195908e-03	6.670712e-03
## SPAC27F1.03c	1.133214e-04	-3.662932e-04	-2.625976e-04	2.505992e-04
## SPAC27F1.04c	5.506043e-04	-4.760856e-04	-4.655132e-04	-3.675167e-04
## SPAC27F1.07	4.803503e-03	-5.360441e-03	2.253427e-04	9.475251e-03
## SPAC27F1.08	1.835413e-03	-1.648892e-03	4.184395e-04	1.064643e-03
## SPAC27F1.09c	1.040216e-03	-3.797343e-03	-3.199007e-03	-2.263973e-03
## SPAC23D3.01	2.982637e-05	6.624260e-04	-2.208007e-03	4.649541e-04
## SPAC23D3.02	2.342394e-04	8.171002e-04	-2.169403e-03	5.965551e-04
## SPAC23D3.03c	5.322002e-04	1.319265e-03	-2.274817e-03	6.571097e-04

## SPNCRNA.979	-1.587462e-03	-4.868277e-04	-7.854817e-04	-1.615255e-03
## SPAC23D3.08	-5.730890e-05	-9.070946e-04	-9.559044e-04	2.326819e-03
## SPAC23D3.11	9.656160e-04	3.087956e-03	-3.142164e-03	-2.496593e-03
## SPNCRNA.980	1.601888e-04	-2.444826e-04	2.034163e-04	-2.223299e-04
## SPAC23D3.17	3.257593e-04	5.391920e-04	1.989660e-05	-4.587765e-04
## SPNCRNA.981	4.051047e-05	8.064479e-05	-1.477846e-04	8.471601e-06
## SPAC30.01c	-4.086208e-04	-2.419579e-03	-1.758742e-03	-3.968769e-04
## SPAC30.02c	-4.043231e-04	1.098452e-03	-8.622082e-04	7.949215e-04
## SPAC30.04c	3.588529e-03	-1.792534e-03	-4.083247e-03	1.852040e-03
## SPAC29E6.01	2.462510e-05	-2.115485e-04	-1.604412e-03	9.003342e-04
## SPAC29E6.03c	1.766095e-04	-6.667965e-04	-1.765135e-03	-4.069124e-03
## SPAC29E6.05c	3.282558e-04	-4.828325e-04	3.196916e-05	-6.398950e-04
## SPAC29E6.04	-2.414427e-04	3.778491e-04	-7.847275e-04	-5.402678e-05
## SPAC29E6.07	-4.468859e-05	5.448088e-05	-1.411237e-04	-1.066123e-05
## SPAC29E6.08	8.153304e-03	-5.501635e-03	1.178067e-02	3.661725e-03
## SPAC16.01	4.696829e-04	-3.123883e-05	-8.629931e-04	8.102963e-04
## SPNCRNA.986	-1.209153e-04	-2.074073e-05	3.229092e-04	2.824916e-05
## SPAC16.03c	-9.353758e-04	1.076224e-03	-6.624258e-04	-2.873209e-04
## SPAC16.05c	5.160330e-03	-5.825244e-03	8.224129e-03	-2.052249e-04
## SPAC9E9.01	-4.863859e-05	-2.402745e-05	6.195024e-06	-6.708678e-05
## SPAC9E9.17c	-1.045817e-05	-1.174762e-05	-1.562636e-05	-1.734082e-05
## SPNCRNA.987	-5.917808e-05	-1.018150e-05	1.026971e-06	-2.570033e-05
## SPNCRNA.12	1.194509e-05	-1.368767e-05	1.297352e-05	-3.564848e-06
## SPAC9E9.03	-1.860863e-02	-5.047348e-03	-2.233364e-02	4.663638e-03
## SPAC9E9.04	1.356004e-03	-1.728358e-03	3.366525e-03	1.677513e-03
## SPAC9E9.09c	4.464095e-02	-6.553810e-02	-3.117552e-04	1.286462e-02
## SPNCRNA.989	7.153688e-06	-1.039983e-04	3.399495e-04	-3.932943e-05
## SPAC9E9.15	8.429366e-04	6.985219e-04	-5.433316e-04	5.819264e-04
## SPNCRNA.311	-1.088492e-05	5.341935e-05	6.936355e-05	2.206453e-05
## SPNCRNA.991	-1.746324e-04	-4.729303e-05	4.275376e-06	1.987426e-04
## SPAC17C9.14	-3.170133e-05	1.408512e-04	-4.004997e-04	-1.954395e-04
## SPAC17C9.10	3.242436e-04	-2.625506e-03	1.310797e-03	-7.235020e-04
## SPAC17C9.07	3.957968e-04	-1.355981e-03	3.481875e-04	1.069537e-03
## SPAC17C9.05c	4.698075e-04	-7.809593e-05	-3.401025e-06	-2.105337e-05
## SPAC17C9.01c	3.085046e-04	-1.601405e-03	-8.380081e-04	1.421023e-03
## SPAC1851.04c	-2.696922e-04	-3.006823e-03	-3.962950e-04	1.939619e-03
## SPAC27D7.02c	-1.385663e-04	1.846749e-04	-3.986931e-04	-1.714986e-03
## SPNCRNA.993	6.496947e-06	3.278414e-05	-1.118068e-04	8.420324e-05
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-4.979362e-04	1.964762e-03	-1.218252e-04	1.169410e-04
## SPNCRNA.995	-1.500982e-04	2.212428e-04	-3.065373e-05	8.768353e-05
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	3.739584e-05	-1.256469e-04	3.276679e-04	3.870046e-05
## SPAC637.03	6.365483e-03	-2.153024e-03	6.051182e-03	2.273866e-03
## SPAC637.04	8.137285e-04	7.209071e-04	-1.157856e-03	1.844694e-04
## SPAC637.05c	4.803119e-03	-3.832532e-03	-8.817775e-04	6.040238e-03
## SPAC637.06	-5.628395e-03	-4.249478e-03	-8.003175e-03	1.691621e-02
## SPAC637.09	-1.371749e-03	-1.146643e-03	-6.850483e-04	-1.994491e-03
## SPNCRNA.999	-7.264684e-05	7.856681e-06	5.806825e-06	-1.624684e-04
## SPAC637.11	-2.951897e-04	-4.334418e-04	-1.062985e-03	-8.144046e-04
## SPAC637.12c	-3.468898e-04	2.882596e-04	-2.173018e-03	7.156929e-04
## SPNCRNA.1000	2.762686e-05	-2.780795e-05	1.425914e-04	6.781257e-05
## SPAC637.13c	2.014465e-03	-2.429146e-03	1.990427e-03	3.168371e-03

## SPNCRNA.249	1.305055e-04	9.976487e-05	5.626157e-05	2.743448e-04
## SPAC31F12.01	1.100626e-03	-1.492480e-03	-2.085353e-03	3.553475e-04
## SPAC12B10.02c	6.205207e-04	2.130080e-03	-1.712568e-03	9.194782e-04
## SPAC12B10.03	8.066681e-04	7.912255e-04	-2.880445e-03	6.518034e-04
## SPNCRNA.1001	2.693630e-04	2.479095e-04	3.936481e-05	-2.478284e-04
## SPAC12B10.04	-5.711853e-04	1.007854e-03	-1.192434e-03	1.179876e-03
## SPAC12B10.07	-6.270215e-04	-5.250641e-05	-2.539145e-03	-1.111451e-03
## SPAC12B10.08c	-1.647070e-04	2.917561e-06	-9.529092e-05	1.799010e-05
## SPAC12B10.09	-5.965683e-04	9.346094e-04	2.591395e-04	-7.145046e-05
## SPAC12B10.10	6.058222e-04	7.624787e-05	-2.354493e-05	-6.863626e-04
## SPNCRNA.1003	-6.917883e-05	2.694856e-05	6.428330e-05	1.048960e-04
## SPAC12B10.15c	4.481470e-05	-8.727990e-05	-2.325235e-04	2.050241e-04
## SPNCRNA.1004	-2.681241e-04	-3.287882e-05	-2.215167e-05	3.430867e-05
## SPAC1093.07	-6.492403e-05	-1.677467e-04	3.428410e-06	3.867879e-05
## SPAC1093.01	3.924078e-03	1.583640e-03	-2.900242e-03	7.954659e-03
## SPAC1093.02	-2.489725e-03	1.495123e-03	-1.496211e-03	-6.153662e-03
## SPAC1093.03	-4.500758e-04	4.574982e-04	-2.436394e-03	-8.537910e-04
## SPAC1093.04c	3.767070e-04	5.118896e-04	-1.922578e-03	2.061008e-03
## SPAC1093.06c	-5.270983e-05	1.549408e-04	-3.773343e-03	1.737053e-03
## SPNCRNA.1006	5.850052e-05	-1.806147e-05	-1.841119e-05	-5.877139e-05
## SPAC30C2.02	1.623520e-03	-1.086286e-03	1.360047e-04	5.151032e-04
## SPAC30C2.04	-9.320471e-04	3.042943e-03	5.392267e-04	-2.230438e-03
## SPAC30C2.05	2.732249e-05	6.985303e-04	-1.684698e-04	-8.907261e-05
## SPAC30C2.07	1.114251e-03	-5.149498e-04	-1.877710e-03	7.406408e-04
## SPNCRNA.1008	5.875550e-05	-4.780215e-05	1.277613e-04	3.824446e-04
## SPAC1635.01	2.760475e-03	-6.464130e-03	-5.279167e-03	3.221242e-04
## SPNCRNA.1009	2.359883e-05	1.295777e-04	-4.669398e-05	3.657416e-05
## SPAC144.02	6.993957e-05	5.614845e-06	-1.511096e-03	-4.301779e-04
## SPAC144.03	-6.789086e-03	9.765650e-03	-6.487348e-03	-2.248757e-03
## SPAC144.04c	8.220346e-03	3.168609e-03	-4.028075e-03	5.555518e-03
## SPAC144.05	-1.612623e-05	-8.035226e-04	-1.590182e-03	-9.798564e-04
## SPAC144.10c	-6.412504e-04	1.527250e-03	-3.259592e-03	-1.006785e-03
## SPNCRNA.1013	4.393584e-05	6.860456e-05	4.312852e-05	1.531781e-04
## SPNCRNA.1014	-1.825067e-04	-1.131397e-04	-1.311505e-04	-2.803557e-04
## SPAC144.12	1.566273e-03	7.737412e-04	3.486655e-03	1.097041e-03
## SPAC144.13c	1.074369e-03	3.861289e-04	-1.048653e-03	5.262561e-04
## SPAC144.16	5.722909e-04	-5.567244e-05	-2.122236e-04	6.472498e-05
## SPNCRNA.1016	4.258174e-05	1.199405e-04	-1.845416e-04	-2.373221e-05
## SPNCRNA.1017	-2.626854e-05	6.351688e-05	-9.281593e-05	-4.435447e-05
## SPAC1834.03c	2.218060e-02	3.251304e-02	2.943665e-03	2.749834e-03
## SPAC1834.04	1.930447e-02	2.363290e-02	3.203176e-03	9.963705e-03
## SPAC1834.05	1.634083e-03	5.624206e-04	-3.181926e-03	-4.151065e-04
## SPAC1834.08	1.679932e-03	5.117628e-04	-2.580312e-03	2.194464e-03
## SPATRNRNATHR.05	-3.809342e-03	-3.010163e-03	4.734466e-03	1.546726e-03
## SPAC1834.10c	5.469605e-04	1.195514e-03	-1.483781e-03	-4.274979e-04
## SPAC1834.13	-2.468734e-05	2.215558e-05	8.794180e-06	1.010216e-04
## SPAC17D4.01	9.660984e-03	5.574513e-03	-2.492290e-03	4.126418e-03
## SPAC17D4.02	-5.082733e-04	-6.214604e-04	-1.325880e-03	4.079951e-04
## SPAC17D4.04	-6.114543e-04	1.409354e-03	-1.422313e-03	-6.127309e-04
## SPAC458.02c	-5.090792e-05	-3.516701e-03	-8.699124e-05	-3.141468e-03
## SPNCRNA.1019	-5.436282e-05	-6.013141e-05	9.658893e-05	-1.924864e-04
## SPAC458.03	7.695514e-04	1.434426e-03	-3.203268e-03	7.709660e-04
## SPNCRNA.1020	-1.365789e-04	-2.837961e-06	-1.199431e-04	-1.370890e-04
## SPAC458.07	5.652557e-04	1.164341e-03	-1.393829e-03	-1.099916e-03

## SPAPYUG7.02c	9.721248e-04	-1.457893e-03	-1.289453e-03	1.060072e-03
## SPNCRNA.1022	9.926081e-07	-8.367693e-05	3.807732e-05	1.577616e-04
## SPAC1782.01	1.375584e-03	1.990860e-03	-2.723918e-03	-7.413740e-04
## SPAC1782.03	-3.439661e-05	1.304084e-04	-5.797430e-04	-2.150909e-04
## SPAC1782.06c	9.761538e-04	1.219467e-03	-4.130764e-03	1.012753e-03
## SPNCRNA.1023	3.412939e-04	-1.273111e-04	1.373933e-04	-8.398817e-05
## SPAC1782.09c	1.618584e-04	-1.066780e-04	-1.822457e-04	-9.083531e-04
## SPAC1782.10c	3.101007e-03	2.561873e-03	3.381038e-03	9.406061e-04
## SPAC1782.11	-1.638215e-03	2.306505e-03	-1.202376e-03	9.178517e-03
## SPAC11H11.02c	-3.454133e-04	-1.588497e-04	-4.641857e-04	6.488166e-04
## SPAC11H11.01	2.102976e-04	-7.739062e-05	-8.960052e-05	-3.991886e-04
## SPAC11H11.03c	6.632325e-05	4.852625e-04	-3.132248e-04	1.215699e-04
## SPAC11H11.04	4.447869e-05	-6.169459e-05	-2.916927e-04	2.065579e-06
## SPAC11H11.06	2.826967e-04	4.769411e-03	-1.354742e-02	2.894228e-03
## SPAC22F8.03c	2.188241e-06	9.041430e-06	-6.437698e-06	-1.405986e-05
## SPAC22F8.07c	6.470239e-04	-5.556332e-04	3.085272e-04	4.770641e-04
## SPAC22F8.08	4.321068e-03	-7.133150e-03	1.283427e-03	5.283533e-03
## SPAC22F8.11	-1.429664e-03	2.018931e-05	-3.857754e-03	-2.398063e-04
## SPAC22F8.12c	8.273305e-05	-4.464718e-04	1.873120e-04	3.092785e-05
## SPAC20G4.02c	-5.592416e-05	3.969069e-04	-7.665594e-04	1.128373e-03
## SPAC20G4.03c	8.291323e-04	-1.366154e-03	-3.462752e-03	4.169984e-05
## SPAC20G4.04c	-1.827911e-04	9.645020e-04	-1.127125e-03	1.926016e-04
## SPNCRNA.1027	1.613247e-05	3.061688e-06	-2.223031e-04	-4.548315e-04
## SPAC20G4.09	7.777165e-06	7.556841e-05	9.684919e-05	-2.936304e-05
## SPAC20G4.07c	1.674920e-03	-1.249417e-03	-4.903562e-04	4.445029e-04
## SPAC4F10.03c	2.675730e-04	-1.309633e-04	-9.283508e-04	1.205920e-03
## SPAC4F10.04	-7.146320e-04	-1.180920e-03	-8.834002e-05	3.391155e-04
## SPNCRNA.1028	3.744492e-05	5.417011e-05	1.333228e-04	2.087126e-04
## SPAC4F10.08	1.396465e-04	3.896560e-04	-1.870201e-05	2.212446e-04
## SPAC4F10.12	-5.361041e-04	5.866276e-04	-6.892062e-04	-4.082318e-04
## SPAC4F10.13c	6.138180e-03	2.195002e-03	-1.034422e-02	1.282556e-03
## SPNCRNA.1030	6.903824e-05	7.487119e-06	-2.153147e-05	-2.042632e-04
## SPAC4F10.15c	3.518285e-04	-5.756423e-04	2.486075e-04	-5.652641e-04
## SPAC4F10.16c	2.153119e-03	-6.609620e-04	-1.401702e-04	2.135240e-03
## SPAC4F10.18	5.980261e-04	1.831525e-03	-2.153172e-03	8.622213e-04
## SPAC4F10.19c	-3.167389e-04	-4.137024e-04	1.874890e-04	-1.657617e-04
## SPAC19B12.01	-2.338676e-03	2.507170e-03	3.726378e-04	2.919402e-03
## SPNCRNA.255	-2.842936e-05	7.238866e-05	1.224110e-04	5.012889e-05
## SPAC19B12.03	5.985006e-03	-1.091820e-02	-7.530472e-03	5.038267e-03
## SPNCRNA.1034	1.980178e-04	3.099570e-04	4.183405e-04	3.703443e-05
## SPAC19B12.04	1.084028e-02	7.614187e-03	1.340449e-02	1.105807e-02
## SPAC19B12.07c	-8.180777e-05	6.353969e-04	-1.435382e-03	-8.065873e-04
## SPAC19B12.10	5.280729e-04	-1.012883e-04	6.532624e-04	4.306394e-04
## SPAC19B12.12c	2.130027e-04	-3.074442e-04	-2.957246e-05	2.242402e-04
## SPAC19B12.13	6.518824e-05	-2.441277e-04	-2.257203e-04	4.530586e-04
## SPNCRNA.1035	9.407624e-05	6.206282e-05	3.518552e-05	-7.412806e-05
## SPAPB8E5.04c	1.057539e-03	-5.959822e-04	-1.353559e-03	2.478671e-04
## SPAPB8E5.06c	1.272504e-02	-1.211623e-02	1.335236e-02	1.153279e-02
## SPAC1B3.01c	4.376826e-04	2.103166e-03	-1.165233e-03	1.724679e-03
## SPAC1B3.02c	-1.022685e-03	8.300609e-04	-2.279201e-03	3.416443e-03
## SPNCRNA.1036	1.072911e-04	-1.029664e-05	-1.608488e-04	1.293224e-04
## SPAC1B3.03c	-3.910571e-02	-1.815180e-02	-1.923285e-02	-1.820907e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	-1.201359e-04	-8.563069e-05	-1.261647e-04	8.415230e-05

## SPNCRNA.1038	-5.937034e-03	1.056803e-02	-6.923810e-03	-1.062022e-02
## SPAC1B3.07c	2.167927e-04	5.571519e-04	-1.131432e-03	2.625859e-04
## SPAC1B3.08	2.930960e-03	2.566371e-04	1.737179e-04	1.958845e-03
## SPAC1B3.10c	3.378035e-04	6.225593e-04	-1.214899e-03	-3.796572e-04
## SPAC1B3.11c	-2.377755e-04	2.153320e-04	-1.878494e-04	2.414582e-04
## SPAC1B3.20	5.134756e-04	8.433912e-04	-7.679976e-04	1.054020e-03
## SPAC1B3.13	-2.187637e-03	1.355770e-03	5.922469e-04	-4.760625e-04
## SPAC1B3.15c	1.485108e-04	8.754345e-05	4.470180e-04	-1.444779e-04
## SPAC1B3.16c	-2.200978e-02	-1.257614e-02	2.459860e-02	-2.080162e-02
## SPNCRNA.1039	-4.604843e-05	-6.365849e-05	-3.161618e-05	-3.204957e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	3.473052e-04	9.069688e-04	-1.173701e-03	9.466943e-05
## SPAC1952.05	-7.701744e-04	1.145659e-03	-4.634756e-03	1.427417e-05
## SPAC1952.06c	-3.242882e-04	-3.326946e-04	-9.080295e-04	-5.045764e-04
## SPAC1952.08c	-1.065194e-04	-1.446966e-03	6.273504e-04	3.668185e-04
## SPAC1952.11c	-1.169422e-04	-2.867185e-03	-2.902708e-03	3.261589e-05
## SPAC1952.13	1.267599e-03	-2.257483e-03	2.890479e-04	2.682892e-03
## SPAC1952.14c	4.438532e-04	4.499650e-04	-3.035581e-04	-5.177555e-04
## SPAC1952.15c	-1.965532e-04	4.323542e-05	-4.226469e-04	-8.831814e-05
## SPAC890.02c	3.513636e-04	-3.437646e-04	8.658358e-06	-2.286079e-04
## SPAC890.05	-3.344482e-04	3.579316e-04	1.795338e-04	-7.741274e-04
## SPAC890.07c	2.666315e-03	5.960545e-04	2.554724e-03	-1.045083e-03
## SPAC890.08	2.085292e-02	3.564954e-02	2.084051e-02	1.462274e-02
## SPNCRNA.258	6.884763e-05	1.350382e-05	-7.138039e-05	4.202057e-05
## SPAC22E12.01	1.059416e-04	-1.372242e-04	-2.734251e-04	3.887155e-04
## SPAC22E12.02	-7.841923e-04	-7.442229e-04	-2.013869e-04	1.479559e-04
## SPAC22E12.03c	3.408339e-03	4.785290e-04	-3.222698e-04	-6.700514e-04
## SPAC22E12.05c	-9.528312e-04	3.130981e-03	-3.959204e-03	1.530385e-03
## SPAC22E12.06c	6.645710e-05	8.165780e-04	-1.929264e-03	5.824606e-04
## SPAC22E12.07	-1.766246e-03	-4.916960e-04	5.760307e-04	3.269940e-03
## SPAC22E12.08	2.544433e-04	-7.134267e-04	5.183132e-04	-2.758153e-04
## SPAC22E12.11c	2.556858e-03	-1.859581e-03	-1.006437e-03	3.265305e-04
## SPAC22E12.14c	5.945729e-04	3.044328e-03	-5.564412e-03	1.876605e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	-1.804814e-04	-1.133682e-04	-3.187823e-04	1.037214e-04
## SPAC1006.05c	3.069802e-04	-3.398971e-04	-1.691303e-03	-4.051327e-05
## SPAC1006.06	9.398867e-04	-1.056048e-03	-5.109199e-04	-1.486281e-03
## SPAC1006.07	1.403829e-02	6.182086e-02	2.134392e-02	2.169189e-03
## SPAC1006.08	4.919710e-04	9.620799e-04	-6.668260e-04	1.448639e-04
## SPAC1006.09	1.338941e-03	-2.520382e-03	-4.081038e-03	5.239835e-03
## SPAC1250.05	2.907713e-03	-2.575190e-03	1.011975e-03	4.143910e-03
## SPAC1250.04c	-1.300294e-04	4.248628e-05	-2.230482e-04	-3.391029e-05
## SPAC1250.03	2.085091e-04	-2.298438e-04	-1.228697e-04	5.395004e-04
## SPAC1250.02	-3.806490e-05	7.013103e-05	-1.134185e-04	-6.658522e-05
## SPNCRNA.1046	-2.929191e-05	4.900872e-05	-3.307231e-05	-4.228449e-05
## SPAC29A4.20	4.096481e-05	-2.841756e-03	7.076426e-05	1.551369e-03
## SPAC29A4.19c	-6.819504e-04	-9.525804e-04	-1.827127e-03	3.208774e-04
## SPAC29A4.17c	1.709990e-04	-1.023680e-04	1.940724e-04	-1.597504e-05
## SPAC29A4.16	2.518851e-03	-8.743667e-04	-3.678275e-03	1.934400e-03
## SPAC29A4.15	2.220917e-03	-4.007090e-03	-1.295187e-03	4.928182e-03
## SPNCRNA.1047	-7.082227e-06	-1.675379e-04	1.244073e-05	1.054631e-04
## SPAC29A4.12c	6.587443e-05	-1.494183e-05	3.881698e-05	-7.475860e-05
## SPAC29A4.09	-2.427786e-04	-1.750523e-04	-1.381412e-03	7.544348e-04
## SPAC29A4.08c	-7.103684e-04	-5.138516e-04	-9.012012e-04	-1.362632e-03

## SPAC29A4.07	-3.082451e-04	3.826577e-04	-9.646220e-04	5.877267e-04
## SPAC29A4.06c	2.408624e-04	3.871545e-04	-8.970844e-04	5.918981e-04
## SPAC29A4.04c	5.459300e-03	-1.049652e-02	2.299936e-03	5.943936e-03
## SPAC29A4.02c	1.838857e-02	-1.163367e-02	1.366976e-02	3.131897e-04
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	1.287224e-03	4.065485e-04	-2.302462e-05	1.128845e-04
## SPSNORNA.16	-4.083005e-02	-5.538925e-03	-8.582747e-04	3.625831e-02
## SPAC26F1.13c	6.305815e-03	-1.524732e-02	1.135452e-02	-2.126725e-03
## SPAC26F1.11	2.674495e-04	-7.886380e-05	2.212817e-04	7.127193e-05
## SPAC26F1.07	4.091300e-02	-8.618125e-03	-2.682897e-03	6.731597e-03
## SPAC26F1.05	-8.760276e-05	-5.293435e-04	1.460200e-04	-2.489113e-04
## SPNCRNA.1056	-1.410670e-05	1.329095e-04	-1.675047e-04	-2.017282e-05
## SPAC26F1.04c	5.052003e-03	-5.409710e-04	2.833464e-03	-2.233158e-03
## SPAC26F1.03	-4.573133e-03	4.707578e-03	-1.451309e-03	-3.931717e-03
## SPAC26F1.01	7.510438e-04	-4.084540e-04	-7.312171e-04	-2.460849e-04
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-1.152749e-04	6.477456e-05	5.714386e-05	-6.763268e-05
## SPAC19D5.01	7.044357e-04	-8.468791e-03	1.493809e-02	1.929083e-03
## SPAC19D5.02c	-2.986044e-04	9.768465e-04	-8.929200e-04	-1.038443e-03
## SPAC19D5.04	5.694172e-03	-9.967829e-03	-2.647451e-03	6.471806e-03
## SPAC19D5.05c	-1.880394e-04	-3.464898e-04	-1.542437e-04	2.688741e-04
## SPAC19D5.11c	2.044123e-05	-6.765603e-05	5.671043e-05	-4.612786e-05
## SPNCRNA.1060	-7.612930e-05	2.868645e-04	1.279306e-04	-3.097887e-04
## SPAC14C4.01c	-1.343899e-03	-6.251133e-04	-1.098680e-03	-7.547761e-04
## SPAC19D5.07	1.964097e-04	-2.051066e-04	-3.319398e-04	6.988850e-05
## SPNCRNA.1062	3.191345e-05	3.674977e-05	9.886574e-05	8.175885e-05
## SPAC14C4.03	1.046893e-04	-5.287333e-05	-1.456368e-04	2.113542e-04
## SPAC14C4.04	1.227289e-03	-3.345656e-04	-8.911906e-04	1.889499e-04
## SPAC14C4.05c	9.044603e-04	-4.940681e-04	-8.264763e-05	9.000476e-04
## SPAC14C4.07	7.326770e-04	-8.923669e-04	-2.742693e-03	1.775348e-03
## SPAC14C4.08	-8.460777e-05	-1.042159e-04	-3.271262e-04	2.141550e-04
## SPAC14C4.09	3.852045e-03	1.277918e-03	-2.304619e-03	1.615093e-03
## SPAC14C4.10c	2.550424e-04	-1.710180e-04	-2.004889e-04	6.547341e-04
## SPAC14C4.11	1.545290e-03	-1.995351e-03	-6.965345e-04	4.082168e-03
## SPNCRNA.261	-5.904686e-05	1.965883e-04	-1.131465e-04	-9.348633e-05
## SPAC14C4.13	4.509208e-04	-8.264788e-04	-7.407606e-04	1.555236e-03
## SPAC14C4.14	1.614458e-02	-1.638933e-02	9.853089e-03	9.905098e-03
## SPAC14C4.15c	-4.658959e-04	1.824717e-05	-2.334777e-03	1.806449e-03
## SPAPJ760.03c	4.574812e-03	2.343326e-03	1.950526e-03	-8.302537e-04
## SPNCRNA.1064	3.219560e-05	-4.140646e-05	-3.431765e-05	-8.479329e-05
## SPAC2H10.02c	2.467114e-04	-1.162526e-04	-6.677935e-04	4.767158e-04
## SPAC11E3.03	1.859161e-04	-3.187978e-06	-4.101324e-04	4.212620e-05
## SPAC11E3.04c	3.424672e-04	-7.465396e-04	4.764138e-04	1.984892e-04
## SPAC11E3.07	3.080361e-04	2.850319e-03	-5.555042e-03	4.617143e-04
## SPAC11E3.08c	-1.683873e-04	4.746571e-04	-9.411545e-04	-2.369351e-05
## SPAC11E3.12	3.499792e-04	-1.405457e-04	-2.293944e-04	6.579398e-04
## SPAC11E3.13c	7.811458e-03	-7.553883e-04	2.245445e-03	3.431509e-03
## SPNCRNA.1068	7.538464e-05	2.129845e-05	-9.462156e-05	1.789490e-04
## SPAC11E3.15	1.450910e-02	2.615947e-02	1.832695e-02	3.671314e-02
## SPNCRNA.1070	5.828184e-05	-1.566645e-04	-1.081826e-04	1.882669e-04
## SPAP8A3.05	5.069968e-04	7.266188e-05	3.976622e-04	1.889735e-04
## SPAP8A3.06	5.964261e-05	-8.659115e-05	-5.104420e-04	1.575467e-03
## SPNCRNA.525	-1.154889e-04	9.687992e-05	-8.476216e-05	1.074331e-04

## SPNCRNA.1073	-1.212956e-04	3.809071e-04	7.849529e-05	-5.989768e-05
## SPAP8A3.10	1.240242e-03	9.232612e-04	-7.223068e-04	-8.484726e-05
## SPAP8A3.12c	3.865957e-03	6.501756e-03	-1.487403e-02	-1.644826e-03
## SPAP8A3.13c	1.512433e-03	1.846043e-04	-5.325009e-04	1.046296e-03
## SPAC4D7.01c	3.383564e-04	-8.176077e-04	-1.857695e-03	-8.013251e-04
## SPNCRNA.1075	2.772085e-05	-1.448312e-05	-2.415639e-07	-7.075465e-05
## SPAC4D7.04c	-1.442948e-03	1.681294e-03	-1.657966e-03	1.147296e-03
## SPAC4D7.05	3.030013e-03	1.024037e-02	2.824572e-03	-2.410146e-04
## SPAC4D7.06c	9.718983e-04	-6.206234e-04	-7.105702e-04	9.443547e-04
## SPNCRNA.1077	-2.840389e-05	-4.136106e-06	-1.724488e-04	-6.495741e-05
## SPAC4D7.07c	5.609142e-04	-5.572653e-04	-1.424055e-03	4.416764e-04
## SPAC4D7.08c	-6.915482e-03	8.471640e-03	-2.786238e-03	1.864057e-03
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	5.610940e-05	9.171084e-05	-5.087056e-05	2.552584e-04
## SPAC4D7.09	1.130705e-03	-7.520575e-04	-1.649064e-03	3.437835e-04
## SPAC4D7.14	-5.748098e-06	1.824396e-05	-1.692124e-04	-3.729300e-05
## SPAC3G6.04	3.674968e-04	-9.723529e-04	6.233609e-04	-2.514672e-04
## SPAC3G6.06c	5.550568e-06	2.951373e-04	-6.287527e-04	-2.543326e-04
## SPAC3G6.07	2.265154e-04	3.104027e-04	-6.101480e-04	3.852270e-04
## SPAC3G6.11	5.777543e-04	-6.682893e-04	-1.610397e-03	6.839373e-04
## SPAC3G6.13c	1.840350e-02	6.703956e-02	8.159361e-03	4.126526e-02
## SPNCRNA.267	-7.940514e-06	-1.366862e-04	1.964299e-05	5.393800e-05
## SPAC29B12.02c	-1.032637e-03	2.146278e-03	-9.213015e-03	-3.121702e-03
## SPAC29B12.04	-1.798320e-02	8.891035e-03	-5.288537e-03	-1.208263e-03
## SPAC29B12.05c	-2.912100e-05	5.068687e-04	-5.466638e-04	-2.087165e-05
## SPNCRNA.1081	-3.605183e-04	2.067971e-04	6.202521e-04	4.170579e-05
## SPAC29B12.06c	1.274083e-03	8.582823e-04	-1.393974e-03	2.096851e-03
## SPAC29B12.07	3.225543e-03	-4.988832e-03	9.001926e-04	-2.295328e-03
## SPNCRNA.1082	-8.933431e-05	-3.647803e-04	-1.392681e-04	-2.086871e-05
## SPNCRNA.270	1.886693e-05	9.302543e-06	1.748324e-05	-1.047663e-05
## SPAC29B12.08	1.440325e-03	-1.056336e-04	-1.287841e-03	9.173622e-04
## SPAC29B12.10c	3.480774e-03	6.550164e-03	-7.983487e-03	3.869409e-03
## SPAC29B12.11c	1.169364e-03	-9.387438e-04	5.993425e-04	9.862042e-04
## SPATRNASER.04	1.904889e-03	4.866699e-03	4.965227e-03	-1.390350e-03
## SPAC29B12.13	-1.167283e-07	1.016413e-03	-8.988617e-04	-5.242831e-06
## SPNCRNA.271	-1.731598e-05	2.526435e-05	2.557100e-05	1.678545e-05
## SPNCRNA.272	6.678671e-06	1.946658e-06	7.330921e-06	7.423088e-06
## SPAC1039.01	1.094327e-03	-2.486968e-04	-3.593257e-04	-2.653527e-04
## SPAC1039.02	-9.605876e-04	-5.230329e-03	-1.217677e-02	-1.454439e-02
## SPAC1039.03	-3.266604e-04	5.485721e-04	-2.493413e-03	7.099852e-04
## SPAC1039.05c	4.999482e-04	-6.696146e-05	-1.846493e-03	-5.871027e-04
## SPNCRNA.1084	4.213163e-05	-1.113367e-04	8.723778e-05	5.890302e-05
## SPAC1039.06	-5.842917e-04	-1.728981e-04	-1.842947e-03	8.495243e-05
## SPNCRNA.1085	1.792286e-05	-5.874230e-05	3.237763e-05	2.917283e-05
## SPAC1039.08	-1.082927e-04	-1.436229e-04	-4.430952e-04	1.161169e-04
## SPNCRNA.1086	-6.450847e-05	-3.649738e-05	-2.584352e-04	-2.255508e-04
## SPNCRNA.275	1.076505e-05	3.081957e-05	-2.884234e-05	-2.009180e-05
## SPAC1039.09	-1.679512e-04	-2.752001e-04	-2.532351e-04	-2.483473e-05
## SPAC1039.11c	9.203537e-05	-2.512318e-04	-8.164725e-04	-4.635726e-04
## SPNCRNA.1087	-2.653181e-04	3.650954e-04	-8.512103e-04	-3.461125e-05
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-1.415698e-04	-2.363760e-05	-8.832960e-05	6.177230e-05
## SPNCRNA.1089	4.443365e-05	4.534513e-05	-1.184112e-04	-7.623304e-05
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC922.04	1.406099e-02	1.166015e-02	-2.307541e-02	9.064868e-03
## SPNCRNA.278	-3.197366e-06	9.534962e-05	-3.104733e-05	2.236208e-05
## SPAC922.06	-1.066058e-03	-4.465270e-05	-9.291300e-04	-6.814075e-04
## SPAC922.07c	-3.275090e-04	-7.100457e-04	-6.754334e-04	-3.522552e-04
## SPNCRNA.1090	-1.518008e-05	-3.975809e-07	-1.036952e-04	5.980981e-05
## SPNCRNA.1091	7.935425e-05	-1.001124e-04	-6.434537e-05	1.037504e-04
## SPNCRNA.1093	3.467299e-05	4.909548e-05	-3.896525e-05	-3.769276e-05
## SPAC869.06c	-1.761902e-05	4.187705e-04	-4.707284e-04	3.810766e-04
## SPNCRNA.279	-5.003186e-05	-1.522906e-05	-3.640657e-05	4.938341e-05
## SPAC869.05c	-3.643676e-04	-8.351057e-05	-1.724832e-03	-2.102382e-04
## SPAC869.04	1.628253e-06	1.915602e-05	-3.439371e-06	-3.409805e-05
## SPAC869.03c	3.855806e-05	3.084976e-05	-1.292705e-05	2.441822e-05
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	-4.243951e-05	7.393360e-07	4.495673e-05	-1.154122e-05
## SPAC869.02c	2.211960e-03	1.001485e-03	-4.200440e-03	-1.889968e-03
## SPAC869.01	6.430607e-05	1.163457e-04	-9.285413e-05	-2.926059e-05
## SPAC186.01	5.254812e-04	9.803837e-04	-1.693996e-03	8.492008e-04
## SPNCRNA.96	1.256350e-06	1.856229e-05	-3.706829e-05	3.155727e-05
## SPAC186.03	1.511463e-05	5.685890e-06	-9.575147e-06	-9.464574e-06
## SPAC186.04c	-5.976895e-05	-2.328543e-04	2.912216e-04	-1.693597e-04
## SPAC186.06	-2.396948e-04	-1.527642e-04	1.894256e-04	-2.179145e-04
## SPNCRNA.310	-1.955147e-07	-3.256470e-06	-1.846408e-06	6.050993e-06
## SPAC750.01	-1.037853e-04	-5.901885e-04	-4.664558e-04	-1.927158e-03
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	6.757362e-06	-4.451273e-05	4.574487e-05	-4.326108e-06
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	4.762758e-05	-8.047378e-05	-1.111202e-05	3.293055e-05
## SPAC212.08c	9.607373e-05	1.435588e-04	-1.509843e-04	1.247669e-04
## SPAC212.07c	6.255801e-06	-2.109534e-06	-3.780497e-05	5.008475e-05
## SPAC212.06c	-6.221273e-06	1.338150e-05	4.196882e-05	-7.082808e-06
## SPAC212.05c	1.158341e-05	-4.164417e-06	7.048942e-06	2.255190e-06
## SPAC977.01	-2.815750e-06	2.902142e-05	-1.915172e-06	-1.901194e-05
## SPAC977.18	-1.752255e-06	1.180012e-07	1.672868e-05	1.179025e-05
## SPAC977.02	2.268902e-05	-8.377457e-06	3.335360e-06	1.685022e-05
## SPAC977.06	1.533861e-05	2.108264e-05	1.383220e-06	-8.211952e-06
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	-7.870884e-05	5.548459e-04	-1.226804e-03	-2.349253e-04
## SPAC977.10	-3.669315e-03	6.662957e-04	-6.331206e-03	1.481827e-04
## SPAC977.12	-7.756099e-04	2.778336e-03	5.978611e-04	2.712656e-03
## SPAC977.14c	-3.476100e-03	-6.307286e-03	-1.123063e-02	-2.020789e-02
## SPAC977.17	-3.672956e-04	-1.269451e-03	-2.031721e-03	-2.016618e-03
## SPNCRNA.137	-1.096296e-05	4.727723e-05	5.944101e-06	-6.219277e-05
## SPNCRNA.83	6.807177e-06	1.560126e-04	1.455740e-04	1.007070e-05
## SPAPJ695.02	5.641053e-06	2.552567e-05	-7.248064e-05	-2.198342e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-3.585512e-05	1.106147e-05	-2.476862e-04	-1.761864e-04
## SPAC1F8.02c	1.280005e-05	1.924939e-06	-1.212297e-05	4.980227e-05
## SPAC1F8.03c	1.366221e-03	-1.062110e-03	-2.934578e-03	-5.422964e-03
## SPNCRNA.604	-1.081130e-04	2.175710e-04	1.174856e-04	2.711215e-04
## SPNCRNA.139	-3.630696e-06	3.737607e-06	-3.408883e-06	9.559562e-06
## SPNCRNA.605	2.699120e-04	7.449634e-05	-2.468633e-03	-1.195824e-04
## SPAC1F8.04c	-1.099776e-04	-2.989794e-05	-3.832354e-04	-1.712480e-04
## SPNCRNA.606	8.709693e-06	-2.121099e-04	-9.314665e-05	1.649382e-04
## SPAC1F8.05	1.318059e-04	-7.841909e-05	2.473381e-04	1.678753e-04

## SPAC1F8.07c	9.991704e-02	-3.584002e-02	5.920073e-02	-2.754846e-02
## SPAC11D3.04c	-3.622795e-03	-3.657612e-04	-3.127191e-03	-6.718566e-04
## SPAC11D3.06	-9.215581e-04	8.271820e-04	-2.187352e-03	-1.687606e-06
## SPAC11D3.09	1.160249e-04	-6.152828e-04	7.213647e-04	-2.653246e-04
## SPAC11D3.10	9.831660e-05	5.380632e-04	-6.080246e-04	1.853341e-04
## SPAC11D3.13	-3.661405e-04	-1.611200e-03	-2.639780e-03	-1.966033e-03
## SPAC11D3.15	2.874671e-04	1.320511e-03	-6.743318e-03	3.324458e-03
## SPAC11D3.17	4.704161e-04	-3.955628e-04	3.044034e-05	5.580836e-04
## SPNCRNA.611	-1.334236e-04	-5.899459e-05	-3.278510e-04	2.879947e-04
## SPAC5H10.02c	5.988557e-04	7.161182e-04	-6.447867e-04	-1.626623e-04
## SPNCRNA.613	-1.370013e-04	-7.785492e-05	-6.791012e-05	1.228595e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-3.383325e-04	8.161003e-04	-1.775944e-03	-9.010120e-04
## SPAC5H10.07	-1.187226e-04	6.631151e-06	-1.256765e-04	-3.202388e-04
## SPNCRNA.614	-1.575376e-04	6.661776e-05	-4.631750e-06	-9.927223e-05
## SPNCRNA.615	-1.925537e-04	2.054439e-05	-3.317541e-05	-4.274320e-05
## SPNCRNA.616	-1.565356e-04	-5.716474e-05	-2.061797e-04	-3.160984e-04
## SPAC13G6.02c	1.716350e-02	6.207627e-02	-6.098810e-04	1.099070e-03
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	1.351245e-04	1.692583e-03	5.946577e-04	3.561259e-03
## SPAC13G6.05c	2.920951e-04	4.865181e-04	2.390712e-05	1.531239e-04
## SPAC13G6.06c	5.810447e-04	2.358745e-04	-6.020311e-03	5.059627e-03
## SPAC13G6.07c	1.967495e-02	1.955682e-02	8.598418e-03	8.045899e-05
## SPAC13G6.08	-1.666596e-04	-2.189931e-04	-4.553771e-04	-3.255265e-05
## SPNCRNA.619	-1.637064e-04	-5.956837e-04	1.036579e-04	-3.157003e-05
## SPAC13G6.09	-1.350437e-04	4.073621e-04	-1.924921e-03	5.610005e-04
## SPAC13G6.10c	1.310898e-02	-9.170559e-03	-8.219629e-03	9.517920e-03
## SPAC13G6.11c	-6.175005e-04	1.206482e-03	-1.321572e-03	1.122242e-04
## SPAC13G6.12c	1.221310e-04	1.065733e-04	-2.411211e-04	-1.006407e-04
## SPAC13G6.13	4.567289e-06	1.150140e-05	-7.983418e-07	-5.212892e-07
## SPAC24B11.06c	8.394424e-04	-3.486325e-03	3.090443e-04	3.796957e-04
## SPNCRNA.622	-5.524436e-04	2.258305e-04	-3.109936e-04	5.123090e-04
## SPAC24B11.07c	1.124181e-03	-9.055139e-04	-1.432709e-04	5.446385e-04
## SPNCRNA.623	1.010457e-04	4.196810e-04	-5.471633e-04	4.975999e-04
## SPAC24B11.10c	9.535705e-04	-1.220697e-03	-2.090733e-03	1.433069e-03
## SPAC24B11.14	-1.084152e-04	1.747158e-04	-1.752198e-04	1.262593e-04
## SPAC24B11.13	9.446963e-04	-7.363169e-04	1.158809e-04	-1.667817e-03
## SPAC806.03c	5.047575e-03	-4.771071e-03	3.395465e-03	1.424016e-03
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	9.617801e-04	1.686834e-04	-2.079304e-03	-1.615239e-03
## SPAC806.05	4.643587e-04	-5.957897e-04	6.336931e-05	8.059536e-04
## SPNCRNA.629	1.213347e-04	-1.859500e-04	4.298054e-05	5.685393e-05
## SPAC806.08c	6.784150e-04	-3.644527e-04	-6.769159e-04	-2.233191e-04
## SPAC1639.01c	4.569436e-03	-1.181302e-03	9.943691e-04	-6.027854e-04
## SPAC1639.02c	4.141412e-04	1.048743e-03	-3.603738e-03	4.409017e-05
## SPNCRNA.631	1.013683e-05	-8.851385e-06	1.102331e-05	-1.823174e-05
## SPAC1F5.10	-2.049155e-03	2.523109e-03	-4.747509e-03	2.589882e-03
## SPNCRNA.634	6.634009e-05	-1.240734e-04	-2.111103e-04	7.391622e-04
## SPAC1F5.09c	1.363306e-04	1.991758e-04	-1.191385e-04	-9.327733e-05
## SPAC1F5.08c	2.293023e-04	3.596565e-04	-1.314133e-03	3.486069e-04
## SPAC1F5.06	2.989980e-03	-7.753498e-03	-3.891914e-04	3.425444e-03
## SPAC1F5.05c	3.405777e-04	-2.386299e-04	-5.932582e-06	-3.776199e-04

## SPAC1F5.03c	1.502414e-03	3.288920e-05	-3.621210e-03	3.090729e-03
## SPAC18B11.11	5.575021e-04	6.529318e-04	-2.937539e-03	1.348631e-03
## SPAC18B11.06	1.176453e-04	-6.519519e-05	6.979662e-04	1.649441e-03
## SPAC18B11.05	-2.161580e-04	-3.238972e-04	-5.475328e-04	-2.257300e-05
## SPAC18B11.03c	-4.291626e-04	-4.724489e-04	-9.945353e-04	-5.222543e-04
## SPAC12G12.16c	4.412404e-04	5.663932e-04	-3.763156e-04	4.226548e-04
## SPAC12G12.13c	1.193232e-04	1.569406e-03	-1.704011e-03	1.109883e-03
## SPAC12G12.12	6.864867e-04	1.105024e-03	2.894973e-04	2.040900e-03
## SPAC12G12.11c	9.250890e-04	7.134892e-04	-1.623708e-03	3.875208e-04
## SPAC12G12.17	3.213302e-04	3.454693e-04	-2.928527e-04	-1.192696e-04
## SPAC12G12.08	3.705442e-04	1.187258e-03	-2.897966e-03	-6.553812e-04
## SPAC12G12.07c	8.919373e-04	-5.499172e-04	-5.148157e-03	2.393045e-03
## SPAC12G12.05c	1.348460e-04	6.401021e-04	-1.720816e-03	1.121756e-03
## SPSNORNA.29	-1.323889e-03	-3.485619e-03	1.463933e-03	-7.590384e-03
## SPAC12G12.04	-6.954554e-02	-5.140480e-02	-3.065649e-02	-7.917906e-04
## SPAC12G12.02	2.349220e-04	-1.431469e-04	4.071157e-04	-9.072240e-04
## SPNCRNA.640	4.122818e-05	5.851868e-05	2.815792e-05	-4.840992e-05
## SPAC12G12.01c	-2.256229e-03	9.800030e-04	-4.707823e-03	1.683565e-03
## SPAC630.04c	2.832431e-04	2.087493e-04	-1.233607e-03	1.955165e-04
## SPAC630.03	2.118530e-03	5.102922e-04	-3.749829e-03	2.698989e-03
## SPAC630.06c	4.773146e-04	8.171638e-04	-8.289757e-04	-4.871379e-04
## SPAC630.07c	2.383977e-04	1.863572e-04	-5.840331e-05	-2.954247e-04
## SPNCRNA.641	2.366191e-05	1.317116e-04	-2.089384e-04	-2.865790e-04
## SPAC630.08c	8.352060e-03	3.402490e-04	3.936072e-03	-7.059958e-03
## SPNCRNA.642	2.416478e-04	-8.073232e-05	1.864157e-04	6.284744e-05
## SPAC630.09c	8.341982e-04	-2.148331e-04	-1.065430e-03	1.138729e-03
## SPAC630.10	5.595374e-04	-3.028107e-04	-3.467429e-04	1.389060e-04
## SPAC1751.03	4.313864e-03	-1.226126e-04	1.163837e-03	-3.980606e-04
## SPAC31A2.05c	-6.105348e-04	-3.768678e-04	-1.338628e-03	5.226433e-04
## SPAC31A2.08	4.679162e-05	7.011264e-04	9.003287e-04	-6.521654e-04
## SPAC31A2.10	-2.698034e-04	4.378702e-04	-4.924028e-05	-3.285349e-04
## SPAC31A2.15c	-7.122220e-04	5.905826e-04	-1.793084e-03	6.688609e-04
## SPAC13C5.02	-7.256299e-05	-7.804357e-04	7.578289e-05	1.238877e-03
## SPAC13C5.03	-2.621587e-04	-2.781883e-05	-9.059622e-04	-3.262821e-04
## SPSNORNA.01	-1.621739e-02	1.443619e-03	2.745594e-03	1.586885e-02
## SPNCRNA.646	-3.854676e-06	-3.461623e-04	5.450523e-04	-2.952072e-04
## SPAC13C5.07	-1.625258e-02	-2.699319e-03	3.795295e-03	-2.080527e-03
## SPNCRNA.647	-1.693638e-04	1.824864e-04	-2.444205e-04	-4.829288e-04
## SPNCRNA.648	2.100532e-04	-2.995736e-04	-3.066948e-04	-2.535119e-05
## SPAC23E2.01	6.097473e-03	-3.146775e-03	4.548528e-03	1.081729e-03
## SPNCRNA.649	-3.904335e-05	6.932719e-05	-3.941640e-05	7.225480e-05
## SPAC23E2.03c	1.392996e-04	1.078796e-04	-1.654625e-04	1.470834e-04
## SPNCRNA.650	1.469064e-04	1.214708e-04	-2.513922e-05	6.258011e-05
## SPAC24H6.13	1.290378e-02	2.565663e-03	-2.323799e-03	2.986251e-03
## SPNCRNA.651	1.599790e-04	-1.533424e-04	5.131900e-04	5.597599e-04
## SPAC24H6.10c	-8.052828e-03	1.837400e-02	-4.689994e-03	2.138592e-02
## SPAC24H6.08	1.051769e-03	-3.758668e-04	7.945785e-04	2.730847e-04
## SPAC24H6.05	2.138631e-03	-1.042196e-03	-3.865586e-04	3.591428e-04
## SPAC24H6.03	4.321621e-04	-5.782357e-04	3.138189e-04	-8.103448e-05
## SPNCRNA.47	5.963237e-05	-1.885973e-04	7.342982e-05	9.044458e-05
## SPAPB21F2.02	-1.894220e-04	6.110394e-04	-6.379848e-03	2.949197e-03
## SPAPB21F2.03	-1.761585e-04	-1.091582e-03	-5.006411e-04	6.171619e-04
## SPAC227.01c	5.716218e-04	-7.337646e-04	2.234241e-04	4.919109e-04
## SPAC227.02c	4.971494e-04	1.293225e-03	-1.091924e-03	7.968422e-04

## SPAC227.03c	1.149599e-03	-1.324507e-04	7.261035e-04	1.907127e-04
## SPNCRNA.656	1.487956e-05	1.968601e-05	2.883387e-05	1.473770e-04
## SPAC227.04	9.013224e-05	9.084389e-05	-6.022443e-04	-2.138318e-04
## SPNCRNA.658	8.088956e-05	3.427613e-05	2.014314e-05	-1.111233e-04
## SPAC227.14	-4.755932e-04	-4.661762e-04	-1.638044e-03	9.476183e-04
## SPAC227.15	1.975512e-03	-2.207580e-03	-2.064507e-04	1.867457e-03
## SPNCRNA.659	-4.440282e-04	5.660238e-04	-5.012309e-04	4.240735e-04
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	-5.189185e-06	-4.844730e-04	-9.539423e-04	4.063253e-05
## SPAC227.18	2.971840e-03	-7.116021e-03	5.039819e-03	-5.996534e-03
## SPAC2F7.02c	6.070640e-05	-2.625138e-04	-4.800057e-04	-2.445698e-05
## SPAC2F7.03c	1.358845e-03	-1.053312e-03	-1.618745e-03	1.688940e-04
## SPAC2F7.05c	-8.663150e-03	-4.590828e-03	-5.523219e-03	-6.375392e-03
## SPAC2F7.06c	-3.430365e-05	-3.965054e-06	-2.766898e-04	9.892878e-05
## SPAC2F7.07c	-1.492826e-04	-8.819066e-05	-1.054237e-03	-1.543475e-04
## SPAC2F7.08c	-3.088511e-06	-6.258271e-04	-1.359846e-03	-3.664900e-05
## SPAC2F7.09c	6.785841e-04	3.490193e-04	-1.458520e-03	5.445455e-04
## SPAC2F7.10	-1.101479e-03	-5.862468e-04	-1.571871e-03	1.559159e-03
## SPAC2F7.11	4.174280e-04	-1.169732e-03	-2.932160e-03	-3.951205e-04
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-5.475552e-04	-6.393310e-04	-1.299915e-03	2.563765e-03
## SPAC2F7.16c	3.770836e-04	-2.066752e-03	-6.200930e-04	-6.880184e-04
## SPAC2F7.17	1.055998e-04	2.939204e-04	-8.530700e-04	7.232283e-04
## SPAC13A11.02c	2.870177e-03	-6.111592e-03	-1.412330e-03	2.019209e-03
## SPNCRNA.155	-3.200198e-06	5.862281e-06	4.511503e-06	-9.944821e-06
## SPNCRNA.662	-3.734382e-06	1.375962e-04	-1.125296e-04	-1.902204e-06
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-2.413045e-04	-3.903532e-04	-1.407958e-04	-3.723735e-04
## SPAC3H8.05c	9.660645e-04	-1.300992e-03	-2.601207e-03	7.485653e-04
## SPNCRNA.664	1.157936e-04	-2.528992e-04	2.427906e-04	-1.010469e-05
## SPNCRNA.665	1.074887e-05	-6.149164e-06	8.055383e-05	-5.413874e-05
## SPAC3H8.06	6.070377e-04	-1.067787e-03	-2.080718e-03	2.812292e-03
## SPAC3H8.07c	2.491533e-04	7.775571e-04	5.575257e-04	-2.257612e-04
## SPNCRNA.666	3.044073e-05	4.565557e-04	-2.307532e-04	-6.320246e-04
## SPAC3H8.09c	-8.315052e-05	-2.068369e-03	-1.222649e-03	-1.079439e-03
## SPAC1F3.07c	8.414632e-04	-5.050442e-04	-1.857837e-04	-1.798552e-04
## SPNCRNA.668	-6.719449e-04	6.127960e-04	-7.399866e-04	-2.878465e-04
## SPAC1F3.08c	-2.718906e-06	6.945728e-06	1.275920e-05	-8.279383e-07
## SPAC1F3.09	9.254913e-03	6.950989e-03	1.865571e-03	2.536122e-03
## SPNCRNA.669	-6.133849e-05	4.762518e-04	2.175524e-05	4.845202e-04
## SPAC1F3.10c	2.158188e-04	-2.799340e-04	-7.933453e-04	-2.247369e-04
## SPAC1D4.04	1.843480e-03	-2.799682e-03	7.432181e-04	1.650656e-03
## SPAC1D4.06c	7.965196e-04	3.504778e-04	-7.859101e-04	3.092514e-04
## SPAC1D4.08	1.790228e-03	-1.481620e-03	-6.128929e-04	1.070735e-03
## SPAC1D4.09c	5.516621e-04	-7.609365e-04	1.012970e-04	7.487303e-04
## SPAC1D4.11c	6.165735e-04	-9.066468e-04	-8.910817e-04	7.336029e-04
## SPNCRNA.672	1.625898e-04	8.399125e-04	-2.708428e-04	7.904319e-05
## SPNCRNA.673	7.249387e-05	-7.386568e-05	-2.797044e-06	1.255604e-05
## SPAC1D4.13	-1.982894e-04	2.331210e-03	-3.569284e-03	1.002166e-03
## SPNCRNA.674	1.196210e-04	-2.290351e-05	-3.131517e-04	-2.238922e-05
## SPAC22F3.12c	1.627988e-04	4.388357e-05	-2.292736e-04	5.518018e-04
## SPAC22F3.09c	9.829471e-04	-1.220983e-04	2.869880e-04	2.082137e-04
## SPAC22F3.15	3.764788e-04	4.147121e-04	2.906559e-04	-3.356187e-04
## SPAC22F3.06c	-1.759716e-03	7.373765e-03	-1.006021e-02	-4.815377e-03

## SPAC22F3.04	-3.312185e-05	-1.491310e-05	-2.219857e-05	-2.116114e-05
## SPATRNAVAL.02	-2.770875e-02	-3.237858e-03	4.572056e-02	-1.257977e-02
## SPAC22F3.02	9.783362e-06	3.150486e-05	-1.640676e-04	-3.105706e-04
## SPAC1296.01c	-1.092437e-03	1.396100e-03	-4.282224e-03	1.896647e-03
## SPAC1296.02	2.010381e-03	3.345969e-03	-3.182572e-03	-6.110708e-05
## SPATRNAAGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	3.407576e-04	9.638286e-04	-2.848797e-03	-9.774610e-04
## SPAC1296.06	6.313574e-04	7.556722e-04	-8.278711e-04	-8.705040e-04
## SPAC22G7.02	2.066605e-03	2.079035e-03	-2.338391e-03	1.562290e-03
## SPAC22G7.04	-9.753231e-04	1.800796e-03	-2.802461e-03	-5.654394e-04
## SPAC22G7.06c	7.800903e-02	-7.666435e-02	9.255620e-02	6.005900e-02
## SPAC22G7.07c	-8.053726e-05	4.231693e-04	-9.235741e-04	-5.756416e-04
## SPAC22G7.08	7.270844e-05	-1.610199e-04	6.765981e-04	-4.492670e-06
## SPAC22G7.11c	5.275426e-04	6.493222e-04	-3.810899e-04	3.989513e-04
## SPNCRNA.679	6.626271e-05	5.865730e-05	-6.054806e-05	2.233371e-04
## SPNCRNA.680	-1.386208e-04	-1.468346e-04	7.164369e-05	-1.783388e-04
## SPAC4G8.04	5.989771e-04	-1.147191e-03	-1.932735e-04	1.516834e-05
## SPAC4G8.05	2.028480e-03	7.236539e-04	2.494183e-04	5.101401e-04
## SPAC4G8.07c	-4.820651e-04	1.329702e-04	-4.520795e-04	-4.212048e-04
## SPNCRNA.681	1.261942e-05	-2.112969e-05	-9.275821e-07	3.149910e-06
## SPNCRNA.682	-6.499392e-06	-9.067957e-05	-1.268575e-04	6.187474e-05
## SPAC4G8.09	4.205993e-04	-7.654231e-04	-5.045104e-04	1.052791e-03
## SPNCRNA.683	-7.035170e-05	1.234913e-05	-2.989732e-05	9.344903e-05
## SPAC4G8.10	7.853166e-04	1.021443e-04	4.687900e-04	6.446022e-05
## SPNCRNA.684	-6.549147e-05	3.529945e-05	-3.710094e-04	-1.787739e-04
## SPAC16C9.01c	1.155798e-03	5.123914e-04	-9.256974e-04	-8.205506e-04
## SPNCRNA.685	-9.266158e-05	-6.534547e-05	-1.304005e-04	-1.525674e-04
## SPNCRNA.686	-2.691380e-05	3.666019e-05	2.174946e-04	6.921402e-05
## SPAC16C9.02c	-2.867544e-03	4.913443e-03	-3.028439e-03	1.605784e-03
## SPAC16C9.03	-5.193711e-04	-3.523414e-03	5.961806e-04	3.372024e-04
## SPAC16C9.04c	1.693958e-03	-7.075525e-04	-2.579497e-04	1.569999e-03
## SPNCRNA.687	-4.984037e-04	-1.260926e-04	-1.345513e-04	-2.094410e-04
## SPAC16C9.06c	-2.003412e-05	-3.567693e-03	-1.063876e-03	4.799906e-03
## SPAC16C9.07	1.269618e-03	-1.008553e-03	-2.847908e-03	1.489084e-03
## SPAC2G11.04	2.355543e-04	-1.282290e-04	-3.473131e-04	2.632106e-04
## SPAC2G11.05c	-6.835102e-05	1.894170e-04	-6.968160e-04	-5.895979e-04
## SPAC2G11.08c	-1.360910e-04	2.871322e-04	-3.684241e-06	-1.259781e-04
## SPAC2G11.10c	2.946858e-04	-8.481748e-04	-7.784659e-04	2.992589e-04
## SPNCRNA.689	9.683631e-05	3.006477e-05	-1.200741e-04	-6.723325e-05
## SPAC2G11.11c	1.443102e-03	-1.245883e-03	-2.863521e-03	1.430397e-03
## SPNCRNA.690	-9.523814e-05	-1.018745e-04	-3.582779e-04	-4.672640e-05
## SPAC2G11.13	1.509205e-03	2.834820e-04	-8.184964e-04	7.222391e-04
## SPAC2G11.14	1.138758e-03	1.457457e-04	-1.384239e-03	3.028268e-03
## SPAC2G11.15c	3.356353e-04	-5.796210e-04	-2.319963e-04	4.620230e-04
## SPAC521.04c	1.697177e-03	9.724596e-04	-1.727177e-03	8.585399e-04
## SPNCRNA.693	2.288522e-05	-5.042905e-06	4.105613e-05	2.710812e-05
## SPAC23G3.02c	-2.506250e-03	-4.387796e-03	-3.884925e-05	-7.729754e-04
## SPAC23G3.03	8.456961e-04	-8.821649e-04	8.633306e-04	-5.233278e-04
## SPAC23G3.05c	4.080258e-04	-8.820111e-04	2.543137e-04	1.202771e-03
## SPAC23G3.09	9.473877e-05	-4.899159e-04	-2.537604e-03	1.737891e-03
## SPAC23G3.11	-1.521354e-04	3.330931e-03	-4.061741e-03	2.825780e-03
## SPAC23G3.12c	-1.326151e-03	-3.147280e-03	-2.669906e-03	1.355895e-03
## SPAC22H12.03	-1.162772e-04	-1.088554e-04	-7.986167e-04	2.286830e-04
## SPAC22H12.04c	2.374175e-02	8.798770e-02	5.325708e-02	-2.536238e-02

## SPAC1687.02	5.313298e-04	2.923061e-04	-1.448089e-05	-7.750923e-04
## SPAC1687.03c	6.818799e-05	1.012700e-03	-1.578068e-03	-1.038977e-03
## SPNCRNA.695	5.972317e-05	-1.760558e-04	1.001843e-04	-5.110432e-05
## SPRRNA.12	8.074497e-02	2.098504e-03	-5.096944e-04	-2.904424e-02
## SPAC1687.07	-8.708362e-06	2.962808e-04	-5.291531e-04	6.170505e-05
## SPAC1687.08	-3.507216e-06	-1.535396e-04	-1.920596e-04	1.451548e-04
## SPAC1687.09	4.313912e-03	-4.548254e-03	2.542143e-03	2.839659e-03
## SPAC1687.10	2.775813e-04	2.705572e-04	-1.649670e-03	2.011287e-04
## SPAC1687.13c	1.876289e-04	1.492509e-04	-8.884757e-04	2.729403e-04
## SPAC1687.23c	5.971095e-07	-1.126840e-05	6.642367e-06	1.231110e-06
## SPAC1687.15	1.357019e-03	-1.232714e-03	-7.955496e-04	2.770980e-03
## SPNCRNA.697	-1.754071e-05	4.685126e-05	-2.510185e-05	-2.127478e-06
## SPAC1687.21	-1.262106e-03	1.976316e-03	5.514258e-04	6.218554e-05
## SPAC1687.22c	4.566385e-04	-1.252694e-03	6.527874e-04	-2.034286e-04
## SPNCRNA.698	4.367728e-05	-2.165557e-04	-1.637858e-04	-5.284395e-05
## SPNCRNA.699	1.952664e-04	6.252676e-05	-6.501625e-04	5.111319e-04
## SPAC222.05c	1.237085e-04	8.021611e-05	-1.360888e-03	7.152030e-04
## SPNCRNA.700	7.497566e-05	-5.135605e-05	1.938624e-05	-1.761036e-04
## SPATRNLGLU.02	-1.212464e-01	4.725554e-02	7.561831e-02	-3.192583e-02
## SPAC222.09	6.617881e-04	3.732672e-04	-8.791475e-04	-2.713359e-03
## SPAC222.10c	4.252118e-04	-1.336416e-04	-1.144750e-03	2.956462e-04
## SPAC222.11	4.077744e-04	-2.245120e-03	-1.515555e-03	9.709736e-04
## SPAC222.12c	2.967553e-02	-2.770136e-02	4.252543e-03	4.834654e-02
## SPAC222.13c	3.537419e-04	-5.366186e-04	3.009305e-05	1.143529e-03
## SPAC222.14c	-1.508750e-04	-8.698471e-04	-7.643931e-04	-2.205427e-03
## SPNCRNA.50	6.246335e-06	1.144834e-07	-1.816224e-05	7.058180e-06
## SPAC821.03c	3.349374e-03	2.928881e-04	-1.003766e-03	2.408244e-03
## SPAC821.04c	1.764915e-03	-1.295445e-03	5.980018e-04	9.449365e-04
## SPSNRNA.03	-3.536750e-02	1.220418e-01	-2.357663e-01	-2.688882e-01
## SPAC821.07c	6.930921e-04	-8.008732e-04	-8.990247e-04	5.465507e-04
## SPNCRNA.163	8.918710e-05	5.090103e-05	3.586387e-06	-5.578647e-05
## SPNCRNA.164	8.642556e-06	1.714089e-06	9.002922e-07	7.760765e-06
## SPAC821.11	-2.999446e-03	-3.795295e-03	4.466445e-03	8.690241e-04
## SPAC821.13c	2.833510e-03	-6.525654e-04	-5.076931e-03	1.651805e-03
## SPAC139.03	4.583105e-04	-3.461985e-05	5.226091e-04	1.226818e-04
## SPAC139.04c	5.694785e-04	-1.205108e-03	-1.397525e-03	1.352275e-03
## SPNCRNA.705	-5.015409e-05	5.034969e-05	-1.199320e-05	-3.506775e-05
## SPAC139.05	2.815451e-04	1.220849e-04	5.863683e-03	4.227919e-03
## SPNCRNA.706	-5.140355e-04	3.714264e-04	-1.022248e-04	-7.621224e-04
## SPAC139.06	-5.354808e-05	-5.967365e-04	-1.088300e-04	-1.221525e-04
## SPNCRNA.707	-1.262097e-04	1.215113e-04	-1.221586e-04	3.009598e-05
## SPAC23C4.02	3.465679e-03	1.953943e-03	-3.804748e-03	4.619733e-03
## SPAC23C4.04c	1.157080e-04	1.043871e-04	-6.336403e-05	1.815165e-05
## SPAC23C4.07	-7.065925e-05	3.884158e-04	-8.074806e-05	-1.299108e-04
## SPAC23C4.08	1.886403e-03	3.540868e-03	-2.865977e-03	2.130106e-03
## SPNCRNA.708	-6.314069e-05	1.032541e-04	-3.033845e-05	2.100045e-04
## SPAC23C4.12	4.043501e-04	-3.972164e-04	2.799533e-05	2.436713e-04
## SPAC23C4.16c	1.645527e-04	6.250004e-04	-1.675720e-03	-1.065623e-03
## SPNCRNA.709	-2.376769e-04	2.772856e-04	-3.909013e-05	4.668064e-04
## SPNCRNA.166	5.343527e-05	-4.506705e-05	-1.767690e-05	8.717295e-05
## SPAC23C4.19	3.568287e-04	-3.491124e-03	-6.610949e-03	2.693142e-03
## SPAC1A6.11	1.367386e-05	5.658246e-05	-6.892459e-06	2.572839e-05
## SPAC1A6.05c	-1.097330e-03	-1.160044e-03	4.311340e-04	8.199558e-04
## SPAC1A6.07	1.978240e-03	-2.127991e-03	2.332537e-03	-9.255911e-04

## SPAC1A6.09c	-1.149698e-03	5.059563e-03	-8.051790e-03	-9.845377e-04
## SPAC1A6.10	-1.223483e-03	1.001002e-04	-3.203505e-03	-1.687430e-04
## SPAC30D11.13	3.403695e-04	-3.001754e-04	-8.918205e-04	-9.679698e-05
## SPAC30D11.12	6.757089e-03	1.038460e-02	7.186860e-03	6.169693e-03
## SPAC30D11.11	-2.243474e-04	-2.152727e-03	-1.992474e-03	-3.974399e-04
## SPAC30D11.10	4.457341e-04	-1.064849e-03	-9.330748e-04	1.281887e-03
## SPNCRNA.712	-6.496500e-05	2.884443e-05	1.388673e-04	1.520369e-04
## SPAC30D11.09	7.968798e-05	-5.569706e-04	-1.541748e-03	4.009625e-04
## SPAC30D11.08c	7.202294e-04	-5.291413e-04	5.233141e-04	2.973339e-04
## SPAC30D11.04c	2.481549e-03	-1.906230e-03	-1.247994e-03	2.872433e-03
## SPAC30D11.03	5.018070e-04	-1.629696e-03	1.771105e-03	2.286538e-03
## SPAC30D11.01c	1.805262e-03	-2.618345e-04	3.744773e-06	5.184364e-04
## SPNCRNA.713	-4.753306e-06	1.575794e-04	-2.246735e-04	-6.928255e-07
## SPNCRNA.714	-3.573874e-06	4.730467e-05	-3.097908e-05	2.001717e-05
## SPAC56F8.03	6.703089e-03	-3.971640e-03	1.910487e-03	-2.851736e-03
## SPAC56F8.05c	-8.066143e-04	1.918190e-03	3.509776e-03	-2.200709e-03
## SPNCRNA.715	-6.844956e-06	-1.480313e-05	-2.042263e-05	-3.323187e-05
## SPAC56F8.07	1.760089e-04	3.196727e-04	-7.827012e-04	5.988747e-05
## SPAC56F8.08	-1.288374e-03	1.719967e-03	-1.020489e-03	-2.570928e-04
## SPAC56F8.10	-1.684385e-03	-3.398334e-03	1.739085e-03	5.591689e-03
## SPAC56F8.11	-9.871355e-04	1.770632e-03	-4.394761e-03	4.510096e-04
## SPAC56F8.14c	8.567433e-04	-7.870125e-04	5.234889e-05	-7.760446e-04
## SPAC56F8.13	1.296794e-04	-7.323582e-05	4.601065e-05	1.859090e-04
## SPAC56F8.15	1.188338e-04	-2.028945e-04	1.661790e-04	3.984249e-05
## SPAC22A12.01c	8.792718e-04	-3.607157e-04	-2.574829e-03	9.074273e-04
## SPAC22A12.03c	-8.250282e-05	1.937964e-04	-8.210165e-04	-6.382904e-04
## SPAC22A12.05	3.341588e-04	4.373297e-04	7.007205e-04	1.920659e-03
## SPAC22A12.06c	-7.803676e-04	2.445542e-04	-6.561118e-04	-7.173920e-05
## SPNCRNA.718	2.216167e-04	1.059566e-04	9.447536e-06	-2.115041e-05
## SPAC22A12.13	1.800608e-04	1.629265e-05	-3.514903e-04	-1.606324e-04
## SPAC22A12.15c	-9.358083e-02	-3.193523e-02	-6.835929e-02	-1.496289e-02
## SPAC22A12.16	-5.360664e-03	1.085888e-02	-5.743949e-04	3.171671e-03
## SPAC4C5.01	-1.431592e-03	1.768775e-03	-7.592377e-04	-1.233328e-03
## SPATRNAALA.02	-1.240202e-04	8.510894e-05	1.103838e-03	-5.531128e-04
## SPNCRNA.722	-8.339580e-06	2.086352e-04	3.146966e-04	4.059168e-04
## SPAC4C5.04	4.879954e-04	-3.405740e-04	-4.227933e-05	5.447632e-04
## SPNCRNA.723	1.971542e-04	4.520651e-05	5.261619e-05	1.694040e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-1.680578e-02	-1.471016e-02	4.619779e-02	1.327137e-02
## SPAC10F6.04	-1.354022e-04	9.357360e-04	-2.170558e-03	1.501803e-03
## SPAC10F6.06	-1.932349e-03	-4.870902e-03	-1.684048e-02	-7.033244e-03
## SPAC10F6.07c	-2.006160e-04	1.809660e-05	-1.487744e-04	-1.755991e-05
## SPNCRNA.554	3.487609e-05	8.166136e-05	-2.252058e-04	8.965581e-05
## SPAC10F6.08c	5.557064e-05	2.806035e-04	-2.792605e-04	1.461624e-04
## SPAC10F6.09c	1.426466e-03	1.497362e-03	-2.715270e-03	8.028539e-04
## SPAC10F6.11c	4.039850e-06	9.606162e-04	-1.235392e-03	-3.154973e-04
## SPAC10F6.12c	5.847286e-04	1.147358e-03	-2.271351e-03	8.878630e-04
## SPAC10F6.13c	-2.163469e-03	-4.629679e-04	-7.322753e-03	-2.363241e-03
## SPAC10F6.14c	-8.665267e-04	-1.496079e-05	-1.750074e-03	5.001152e-04
## SPNCRNA.82	1.773320e-05	2.491409e-05	1.276220e-05	9.271178e-06
## SPNCRNA.727	1.358004e-05	3.773789e-04	1.999685e-04	-7.173046e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-1.872929e-04	6.081402e-04	-9.883851e-05	-2.363831e-04
## SPNCRNA.729	-3.797791e-05	-4.324149e-06	9.252850e-06	-3.152879e-05

## SPAC10F6.16	4.549220e-03	3.056796e-03	-1.035108e-03	-2.021984e-03
## SPAC56E4.02c	7.367208e-04	-2.247096e-04	-3.495486e-04	1.361904e-05
## SPAC56E4.04c	-2.020560e-02	-6.197392e-02	-8.846768e-03	-7.419289e-03
## SPAC56E4.05	3.140434e-04	-3.168786e-04	-5.267130e-04	5.572267e-04
## SPAC56E4.06c	7.787942e-04	1.097672e-03	-1.990446e-03	2.073265e-03
## SPAC1420.01c	7.921282e-04	-1.821663e-03	-2.744946e-03	8.735842e-04
## SPAPB17E12.04c	3.094352e-04	6.635244e-04	-6.946894e-04	4.843979e-04
## SPAPB17E12.06	-1.140162e-04	2.047304e-04	-1.410010e-04	6.138888e-04
## SPAPB17E12.07c	-5.660099e-04	-1.547593e-04	-1.066742e-03	-2.087822e-05
## SPAPB17E12.08	8.229795e-05	3.651356e-04	-2.740217e-04	2.377766e-04
## SPAPB17E12.10c	9.223576e-05	2.970551e-04	-4.034650e-04	7.811904e-04
## SPAPB17E12.09	-1.760794e-06	-1.148449e-06	-1.332885e-05	-5.475675e-05
## SPAPB17E12.12c	1.942903e-04	-3.092347e-04	3.962835e-04	5.764693e-04
## SPAPB17E12.14c	2.951758e-03	-2.791233e-03	2.398985e-03	2.540409e-03
## SPAPB17E12.13	1.889649e-02	-5.783519e-03	1.064360e-02	-4.208110e-03
## SPAC1565.01	4.189423e-03	5.731052e-03	-4.062229e-03	-1.673289e-03
## SPAC1565.02c	7.989419e-05	-6.069206e-04	-7.510581e-04	9.701813e-04
## SPAC1565.04c	-5.184436e-04	4.511738e-04	-7.908377e-04	-4.535784e-04
## SPNCRNA.169	-6.797928e-06	-1.677986e-05	-8.629902e-06	1.988669e-05
## SPAC1565.08	8.993784e-04	-2.841725e-02	-1.641255e-02	2.850839e-02
## SPAC6F12.02	2.480113e-03	-6.446760e-04	2.488893e-05	7.312109e-04
## SPAC6F12.03c	2.509089e-04	8.182838e-04	-2.530867e-04	-1.310933e-03
## SPAC6F12.04	2.831622e-04	1.458749e-03	-3.185454e-03	-2.222372e-03
## SPAC6F12.05c	-1.311037e-03	1.505281e-03	-3.507664e-03	-1.731956e-03
## SPAC6F12.10c	-8.374487e-03	5.445610e-04	1.148270e-03	-1.655085e-02
## SPNCRNA.734	-1.002818e-05	2.696065e-06	-1.036347e-05	4.130548e-05
## SPAC6F12.11c	5.237073e-04	-1.761431e-04	-1.503320e-03	1.205662e-03
## SPAC6F12.14	-3.031766e-04	2.739062e-04	-9.551076e-04	2.156800e-04
## SPNCRNA.735	-1.911228e-04	-2.480674e-04	-5.654334e-05	-1.589062e-04
## SPAC6F12.16c	-9.341219e-04	1.044989e-04	1.170587e-03	-2.016538e-03
## SPAC6F12.17	7.636119e-04	6.341950e-04	-1.760084e-03	-5.519669e-04
## SPNCRNA.736	3.213755e-04	-2.917163e-04	3.758351e-05	-3.682411e-04
## SPNCRNA.737	-3.896064e-05	6.153811e-05	-5.950067e-05	-1.360377e-04
## SPAC57A10.02	1.225192e-03	-5.718599e-04	-1.154304e-03	1.378881e-03
## SPNCRNA.739	-2.004666e-05	-6.656275e-05	-2.041487e-04	-7.533699e-05
## SPAC57A10.04	4.243603e-05	1.570153e-04	-1.588230e-04	-2.726167e-05
## SPAC57A10.14	5.698363e-05	-4.983968e-05	-3.955514e-04	-2.595902e-05
## SPAC57A10.10c	4.201031e-03	9.634219e-04	3.816330e-03	-3.094622e-03
## SPAC57A10.11c	-2.400984e-04	8.330618e-04	-7.773321e-04	-5.483933e-04
## SPAC20G8.01	2.016664e-04	-5.512387e-04	-1.613028e-03	3.622181e-04
## SPAC20G8.02	1.123360e-03	1.317260e-03	-2.707319e-03	6.703256e-04
## SPNCRNA.58	-5.918483e-04	-1.732235e-04	-4.343542e-04	-4.821523e-04
## SPAC20G8.03	-2.731206e-03	-5.931300e-03	-6.740481e-03	4.096025e-04
## SPNCRNA.740	-1.555151e-04	-1.624121e-05	7.823835e-06	-6.299804e-05
## SPAC20G8.07c	3.814993e-04	2.702658e-04	-9.926662e-05	4.489588e-04
## SPATRNACYS.01	2.860757e-04	9.675557e-04	3.386783e-03	-4.907369e-03
## SPAC3A12.02	3.625469e-04	5.460714e-04	-9.334451e-04	9.836400e-04
## SPAC3A12.03c	-1.403543e-03	-6.833039e-04	-9.672105e-04	5.110207e-04
## SPAC3A12.05c	8.582797e-04	-2.795115e-03	-9.180501e-04	4.287617e-04
## SPAC3A12.06c	1.900541e-03	-9.452448e-04	1.439318e-03	1.454509e-03
## SPAC3A12.08	2.252980e-04	-4.314863e-04	-3.014935e-04	4.365899e-04
## SPAC3A12.09c	-5.831757e-04	2.832575e-04	-1.133041e-03	-1.528788e-04
## SPAC3A12.10	-2.541734e-04	7.918204e-03	7.770579e-03	2.168134e-03
## SPAC3A12.12	-2.117687e-04	-4.789615e-04	5.545052e-05	-1.365797e-03

## SPAC3A12.13c	2.239485e-03	3.649983e-03	-1.857467e-03	-8.142049e-04
## SPATRNAPRO.03	-3.830013e-03	9.404835e-04	4.018383e-03	-9.970165e-03
## SPAC3A12.16c	-7.226915e-04	2.419166e-03	-3.809151e-03	1.080599e-03
## SPAC3A12.17c	7.256023e-05	5.755614e-05	-8.018503e-04	-8.240659e-04
## SPAC9.02c	4.042752e-04	-9.706157e-04	-1.160251e-04	-7.227460e-04
## SPAC9.04	-2.668166e-07	-9.637497e-07	-1.752245e-06	1.184056e-05
## SPAC9.07c	-1.535144e-03	2.443208e-03	-6.375625e-03	4.086043e-03
## SPNCRNA.742	-3.034225e-04	-2.491778e-05	1.184235e-04	-5.696897e-04
## SPATRNAMET.02	-7.011260e-03	1.583543e-02	3.507081e-02	4.386601e-04
## SPAC9.11	4.158317e-04	-3.001747e-04	-1.844374e-04	3.533298e-05
## SPAC9.12c	9.585478e-04	-2.556452e-04	-7.271446e-04	-6.420048e-04
## SPAC9.13c	5.134168e-04	1.238698e-04	2.655158e-04	-7.252016e-04
## SPAC5D6.13	9.843263e-04	-6.031251e-05	-5.442682e-03	-8.041216e-06
## SPAC5D6.08c	2.700842e-04	-2.585124e-04	1.474302e-04	-6.280338e-04
## SPAC5D6.06c	-1.148791e-04	2.037159e-04	-1.501971e-04	-6.019983e-05
## SPAC5D6.05	-1.906293e-04	-4.539276e-04	-4.054359e-04	5.910479e-04
## SPAC5D6.01	5.450744e-03	4.924568e-03	-5.919537e-03	2.923198e-03
## SPNCRNA.173	1.038761e-04	-1.069596e-04	-4.316297e-05	2.996181e-05
## SPAC57A7.13	4.431212e-04	-5.533921e-04	-2.646988e-04	5.882947e-04
## SPAC57A7.12	-3.682282e-03	1.874373e-02	-5.231482e-03	1.778655e-02
## SPAC57A7.11	2.710813e-03	-2.296180e-03	-1.163086e-03	2.121082e-03
## SPAC57A7.09	7.727856e-04	-4.578383e-04	-3.111412e-04	7.030760e-04
## SPATRNALEU.01	-4.961466e-03	5.345879e-03	1.603936e-03	5.461683e-04
## SPAC57A7.07c	-4.883626e-04	1.508256e-04	-1.477803e-03	1.736478e-04
## SPNCRNA.744	2.843588e-05	6.611077e-05	-1.823297e-05	-2.873951e-05
## SPAC57A7.05	1.594932e-03	-2.230715e-03	5.685533e-03	1.903632e-03
## SPAC57A7.15c	2.379435e-05	-4.675863e-05	-3.188246e-04	-4.662720e-05
## SPAC167.06c	4.172551e-04	4.990163e-04	-8.206873e-04	1.299532e-03
## SPAC167.02	-5.112072e-05	-1.555969e-04	-1.213121e-03	8.830056e-04
## SPAC167.03c	7.334028e-04	-1.369296e-03	-2.931067e-04	1.363030e-03
## SPAC167.01	4.225172e-04	-4.121442e-04	-1.530690e-03	6.495630e-04
## SPNCRNA.555	-1.182448e-05	2.712517e-05	-1.967727e-09	-7.955756e-05
## SPRRNA.53	1.305826e-01	2.266771e-01	3.764502e-01	-1.784039e-01
## SPAC1705.02	-3.452758e-04	-3.383647e-06	-3.984735e-04	5.380023e-04
## SPNCRNA.175	-3.386023e-05	2.790774e-05	-1.359339e-05	-1.184633e-05
## SPAC23H4.18c	-1.060380e-03	1.493467e-03	-8.627256e-04	1.040440e-03
## SPAC23H4.14	4.843304e-04	-7.243611e-04	1.266893e-04	6.854399e-04
## SPAC23H4.11c	3.268194e-04	-3.081496e-04	-1.517073e-04	-1.994678e-04
## SPAC23H4.10c	-2.549394e-03	5.841556e-04	-2.957824e-03	1.345885e-05
## SPAC23H4.09	3.731108e-03	1.770815e-02	2.676629e-03	1.135348e-02
## SPAC23H4.06	-1.504435e-03	-1.144338e-02	-1.860240e-02	8.669759e-03
## SPAC23H4.03c	1.069525e-03	2.091143e-03	-2.879224e-03	-3.814284e-04
## SPAC23H4.02	-8.647002e-05	8.355619e-05	-3.108277e-04	-1.815667e-03
## SPAC23H4.01c	7.008941e-04	1.380861e-03	-4.364835e-04	-4.919210e-03
## SPAP27G11.02	-3.430332e-05	-9.542153e-04	-9.698875e-04	6.515692e-04
## SPNCRNA.748	-6.890254e-05	-2.477184e-06	-6.575670e-05	-2.876922e-05
## SPAP27G11.04c	-1.637823e-04	-1.875775e-04	2.886448e-05	1.538646e-03
## SPAP27G11.06c	2.669126e-04	7.548901e-04	-9.035617e-04	3.332584e-04
## SPAP27G11.07c	-2.267361e-04	2.247698e-04	-3.798393e-04	-3.418896e-04
## SPAP27G11.08c	2.955549e-05	1.005209e-04	-1.332570e-04	1.982093e-04
## SPAP27G11.10c	-1.803704e-03	2.726455e-04	-6.016061e-03	2.320375e-03
## SPAP27G11.11c	3.958895e-06	-3.626321e-05	8.564464e-05	3.411253e-06
## SPNCRNA.750	-9.124063e-05	-1.889851e-04	-6.241878e-05	4.697387e-05
## SPAP27G11.16	2.311179e-04	-1.398911e-04	-1.748010e-04	-3.796613e-05

## SPAP27G11.12	3.711764e-03	-1.751132e-03	-2.313954e-03	1.535858e-03
## SPAP27G11.13c	2.631349e-03	1.699586e-03	2.622459e-03	3.654038e-03
## SPAC343.02	3.387079e-04	-1.612827e-04	-1.967640e-04	8.038418e-04
## SPATRNAGLY.01	9.785971e-04	6.560248e-03	6.647441e-03	-5.997697e-03
## SPNCRNA.751	-4.143714e-05	8.589993e-05	4.724639e-05	-7.709468e-05
## SPAC343.06c	9.731403e-04	-1.148429e-03	-5.435445e-04	1.323468e-04
## SPAC343.09	-3.276894e-03	-5.007139e-03	-3.366769e-03	1.248356e-04
## SPNCRNA.753	8.500424e-06	-3.325454e-05	3.377851e-05	-1.015956e-05
## SPAC343.21	-4.890589e-05	-7.988349e-05	3.153923e-04	-1.586349e-04
## SPAC343.12	1.031375e-02	-8.558725e-03	3.044668e-02	-1.005767e-02
## SPAC343.13	-3.224321e-04	-4.768195e-04	1.719707e-04	1.021793e-04
## SPAC343.14c	1.810478e-04	-1.157878e-03	5.108033e-04	-9.114274e-04
## SPAC343.16	-4.506490e-03	1.669968e-03	7.221287e-03	3.460356e-03
## SPAC343.18	4.297278e-05	5.270752e-04	-7.736187e-04	-1.764790e-04
## SPAC343.19	1.390032e-03	7.836148e-04	-2.555290e-03	1.118524e-03
## SPAC824.02	1.229164e-04	-1.958580e-03	-5.895097e-03	3.109598e-03
## SPAC824.03c	-3.539721e-04	-3.775801e-04	1.122242e-04	1.404744e-03
## SPNCRNA.755	1.306894e-05	-1.853531e-04	8.041413e-05	-8.996237e-07
## SPAC824.06	4.488061e-04	1.111424e-03	-2.653584e-03	1.181875e-03
## SPAC824.09c	8.004863e-04	-6.160639e-04	-8.533725e-04	1.825375e-03
## SPNCRNA.177	4.124598e-05	-1.236535e-05	6.184955e-05	-2.139076e-05
## SPAC664.01c	7.446580e-04	5.599663e-04	-1.007146e-03	-1.199282e-03
## SPAC664.02c	1.731487e-04	6.736344e-04	-1.663225e-03	1.874904e-03
## SPAC664.05	3.363664e-02	-3.597979e-02	2.508596e-02	9.950595e-03
## SPNCRNA.756	1.076685e-04	3.493335e-04	-1.184150e-04	-2.025981e-04
## SPAC664.06	3.293623e-03	-1.016804e-03	8.667476e-04	6.174364e-03
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	6.970697e-07	-6.497458e-05	-4.098300e-05	1.492168e-04
## SPAC664.13	1.076784e-04	1.072650e-04	-1.708710e-04	-2.490999e-04
## SPATRNALYS.02	-2.827138e-04	-1.077232e-04	3.851190e-04	7.308597e-04
## SPAC664.15	1.615246e-03	-1.412622e-03	9.255360e-04	1.289141e-03
## SPAC105.02c	-3.410739e-04	-3.138208e-04	-2.460402e-03	3.268085e-03
## SPATRNATYR.01	1.230443e-03	4.727316e-03	1.001516e-02	-8.896967e-03
## SPAC105.03c	-4.065626e-04	7.589529e-04	-4.643326e-03	-3.176756e-04
## SPAC17A5.01	5.380820e-04	-6.166999e-04	-1.339215e-03	1.337624e-03
## SPNCRNA.759	-1.014925e-05	1.206727e-05	-1.060612e-04	-2.400668e-04
## SPNCRNA.556	3.375832e-05	-1.638997e-04	3.662068e-05	1.877473e-04
## SPAC17A5.05c	3.908808e-04	3.174472e-04	-1.423400e-03	7.400620e-04
## SPAC17A5.07c	7.228715e-04	-2.011408e-04	-4.242247e-04	9.167714e-04
## SPAC17A5.09c	-6.510965e-05	1.602165e-04	-8.871716e-04	-2.508460e-04
## SPATRNAILE.01	-1.228963e-03	-9.825432e-04	1.638027e-03	5.729466e-04
## SPNCRNA.760	-9.594071e-05	4.356872e-05	-9.358128e-05	-2.063591e-04
## SPNCRNA.761	-3.276828e-05	-3.961955e-05	-1.412980e-04	-6.505263e-04
## SPAC17A5.13	-7.908997e-04	-8.391341e-04	-1.082712e-03	1.358440e-03
## SPAC17A5.15c	7.086412e-03	-3.197289e-03	2.780784e-04	4.360310e-03
## SPNCRNA.762	-6.368625e-04	-2.848820e-05	-1.642649e-03	-1.724429e-04
## SPAC1002.01	-3.663705e-05	-2.222041e-04	-7.947349e-05	8.648743e-05
## SPAC1002.06c	3.944138e-05	6.988525e-05	-2.812755e-05	-3.231226e-05
## SPAC1002.07c	-1.060047e-03	-1.364295e-04	-2.081401e-04	-2.959030e-04
## SPAC1002.08c	1.857196e-04	-7.438495e-05	6.393283e-05	-2.171397e-04
## SPNCRNA.763	-1.381618e-04	-4.913957e-05	-1.135176e-04	-4.071608e-05
## SPAC1002.10c	-3.123343e-04	-2.433505e-04	-1.009650e-03	6.988937e-05
## SPAC1002.11	1.315569e-03	-4.331639e-04	-6.323988e-04	4.552064e-04
## SPAC1002.13c	1.645325e-02	-1.854016e-02	-2.430860e-02	3.281153e-02

## SPAC1002.15c	-1.566790e-05	-1.651313e-05	-1.220133e-03	5.773650e-04
## SPAC1002.14	-4.418678e-04	-2.282249e-03	1.289669e-03	1.558541e-03
## SPAC1002.16c	9.895570e-05	2.877838e-05	1.526000e-04	-7.339344e-05
## SPAC1002.17c	-9.094146e-03	-1.640010e-02	-1.202289e-03	5.878767e-03
## SPAC1002.18	-9.060492e-03	-1.288752e-02	-3.600016e-03	3.586812e-03
## SPAC1399.05c	1.529976e-05	4.791752e-05	-1.998486e-03	7.098361e-04
## SPNCRNA.764	7.595828e-05	-1.212303e-04	8.517369e-06	-7.903288e-05
## SPNCRNA.178	-7.174798e-05	1.472734e-04	-9.616755e-05	-2.799869e-05
## SPAC1399.02	-3.486754e-04	6.912131e-05	-1.384774e-03	-1.366812e-04
## SPAC1399.06	6.421470e-05	-1.427817e-06	9.912818e-05	3.316698e-05
## SPAP11E10.01	-3.897636e-04	-1.145752e-03	-7.728908e-04	-1.283088e-03
## SPAPB1A10.03	-1.147253e-04	-5.070299e-04	6.512637e-05	-3.186453e-06
## SPAPB1A10.16	3.317241e-04	-3.969959e-04	1.048256e-06	4.389215e-04
## SPAPB1A10.04c	4.522306e-04	-2.466273e-04	-5.835393e-04	3.550120e-04
## SPNCRNA.765	-1.142894e-05	-2.569971e-04	1.333403e-05	-3.136298e-04
## SPAPB1A10.05	-1.891028e-04	-1.247409e-03	1.657785e-05	-1.059300e-04
## SPNCRNA.766	9.127471e-06	-4.688943e-05	5.168313e-05	-1.200169e-04
## SPAPB1A10.09	1.398900e-03	-1.804362e-03	-1.907006e-04	2.420377e-05
## SPAPB1A10.13	4.832026e-04	-5.218556e-04	-7.573404e-04	-1.081147e-03
## SPAPB1A10.14	5.641512e-04	-1.787450e-04	-6.410738e-05	6.072499e-04
## SPAPB1A10.15	-8.120118e-05	-1.062639e-04	2.212574e-06	2.134871e-04
## SPAC140.01	3.936012e-03	1.698502e-03	-1.868842e-03	9.204889e-03
## SPAC140.03	-8.805151e-04	-4.817896e-04	-1.015516e-03	-7.371992e-04
## SPNCRNA.182	7.765176e-07	-3.436866e-06	4.110774e-06	-5.563355e-06
## SPNCRNA.772	1.692534e-04	-1.440554e-04	-3.385965e-05	2.353043e-04
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	4.030220e-06	2.204536e-05	1.919454e-04	-3.503359e-04
## SPAC110.01	2.582325e-03	-1.246384e-04	-1.602632e-03	6.621891e-04
## SPAC110.03	2.717143e-03	3.779410e-03	-3.163092e-03	3.174418e-03
## SPNCRNA.774	-2.187949e-04	-2.680024e-04	1.609226e-04	-4.113504e-05
## SPAC3H1.01c	-5.643267e-04	1.164517e-03	-2.791424e-03	1.095317e-03
## SPAC3H1.02c	7.890953e-04	-2.118432e-03	-5.968701e-04	2.446755e-03
## SPAC3H1.04c	6.339849e-05	1.520851e-03	-2.786897e-03	-2.848845e-04
## SPAC3H1.05	2.021425e-03	1.018819e-03	3.727502e-04	1.558082e-03
## SPAC3H1.06c	3.123743e-03	-1.167881e-03	-2.399269e-03	2.264185e-03
## SPAC3H1.07	2.782069e-02	-3.002035e-02	5.631591e-04	-3.407621e-03
## SPAC3H1.09c	7.308921e-04	3.863330e-04	-2.726893e-03	1.719685e-03
## SPNCRNA.777	3.295570e-04	7.402797e-06	-2.664428e-04	2.839001e-04
## SPNCRNA.781	1.630943e-04	1.823757e-04	9.743438e-05	-3.009892e-04
## SPNCRNA.783	-1.902929e-04	2.521522e-04	1.646233e-04	-5.669067e-04
## SPNCRNA.784	-2.621176e-05	6.318673e-05	5.378504e-05	-1.037938e-04
## SPAC3H1.12c	3.003645e-04	-1.080377e-03	-2.030625e-04	1.259060e-03
## SPAC3H1.13	5.061193e-04	4.909516e-08	-6.529963e-04	9.788336e-05
## SPNCRNA.530	-3.577755e-04	-6.757283e-03	2.251074e-03	-3.931027e-03
## SPAC9G1.14	-7.672267e-05	-9.045980e-05	5.213703e-05	-2.391766e-05
## SPAC9G1.02	-3.007919e-04	-3.657280e-03	-4.884770e-03	8.710313e-04
## SPAC9G1.03c	1.179754e-02	1.709808e-02	1.142245e-02	2.218404e-02
## SPAC9G1.04	8.292798e-04	-1.426181e-04	1.476695e-05	-1.210463e-03
## SPAC9G1.08c	-7.467573e-04	-4.991446e-04	-9.481353e-04	5.751112e-04
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	-4.259158e-04	-2.788208e-04	-7.628761e-04	-7.673801e-05
## SPAC9G1.10c	7.827423e-04	-1.071894e-03	-3.821130e-04	1.662722e-03
## SPAC9G1.13c	5.577272e-04	-8.573220e-04	-4.688948e-04	-8.128430e-05
## SPNCRNA.785	-5.042778e-04	-1.922400e-04	1.220565e-05	1.601257e-04

## SPAC17H9.02	8.824881e-04	-1.027489e-03	3.469477e-04	-1.297786e-03
## SPAC17H9.03c	-2.627291e-04	4.492233e-04	-8.559151e-04	8.861116e-04
## SPAC17H9.04c	5.858879e-04	-1.006233e-03	-1.795657e-03	6.864036e-03
## SPNCRNA.787	-1.057080e-05	-2.260438e-05	2.171079e-05	1.884029e-06
## SPAC17H9.09c	1.568359e-04	8.559844e-04	-4.540573e-04	6.415589e-04
## SPAC17H9.10c	-3.057380e-04	2.313520e-03	-4.080119e-03	2.001152e-03
## SPAC17H9.12c	1.099948e-03	-1.341817e-03	1.325933e-03	-1.540325e-05
## SPAC17H9.13c	-1.991490e-03	1.833371e-03	-2.673952e-03	-2.424428e-03
## SPAC17H9.14c	1.666739e-03	5.774098e-03	-8.311606e-03	1.117456e-02
## SPNCRNA.184	-2.037768e-05	-2.546364e-05	7.860350e-06	-4.339085e-05
## SPAC17H9.16	1.997100e-03	2.478875e-03	-2.133313e-04	4.862179e-03
## SPAC17H9.17c	3.503974e-04	-5.386334e-05	-8.322942e-04	8.800718e-04
## SPAC17H9.20	5.883742e-04	1.713100e-04	-2.076350e-03	2.049412e-03
## SPAC607.03c	6.761628e-04	1.508707e-02	-4.837025e-03	7.463272e-03
## SPNCRNA.185	-3.975538e-06	1.265498e-05	1.836300e-05	-5.969270e-06
## SPAC607.04	-3.477424e-04	-3.151107e-04	-2.057663e-03	1.240874e-03
## SPAC607.05	7.941869e-05	2.824412e-04	-3.281409e-03	2.934993e-03
## SPAC607.06c	4.495450e-05	-7.565597e-04	2.225577e-04	-9.081049e-04
## SPAC607.09c	8.327894e-04	6.348701e-04	-2.788113e-04	1.020683e-04
## SPAC732.01	-7.380864e-04	-1.119368e-05	-1.507942e-03	1.194994e-03
## SPAC732.02c	4.079142e-04	1.796371e-03	-2.456049e-03	-8.786768e-04
## SPAC3C7.02c	4.392916e-04	-8.096429e-04	-4.140080e-04	4.075995e-04
## SPNCRNA.791	5.815751e-05	1.542858e-04	-2.767407e-04	7.164199e-05
## SPAC3C7.08c	-2.339741e-03	1.179158e-03	7.242994e-04	4.690441e-03
## SPAC3C7.09	5.728266e-05	-3.979816e-04	1.486241e-04	-2.047323e-04
## SPNCRNA.793	3.221511e-04	-1.121712e-04	4.990881e-04	-1.522215e-04
## SPNCRNA.794	-4.180857e-04	1.124515e-04	-1.811741e-04	-3.120963e-04
## SPAC25A8.03c	3.974602e-04	-1.196197e-03	-7.175880e-04	1.229425e-03
## SPAC25A8.02	9.139211e-04	-4.969215e-04	3.539030e-04	-4.370075e-04
## SPAC631.02	5.073559e-03	-6.854539e-03	9.133699e-03	2.342487e-03
## SPAC20H4.02	-6.230167e-04	1.636125e-03	-1.773454e-03	5.554075e-04
## SPAC20H4.03c	6.368051e-04	9.651791e-04	-1.485830e-03	1.857754e-03
## SPAC20H4.04	1.279840e-04	-4.171792e-04	-6.347557e-04	-1.924616e-04
## SPAC20H4.08	-1.807221e-04	4.964738e-04	1.081622e-04	-5.452355e-04
## SPAC20H4.09	5.272956e-04	6.808900e-04	-8.542762e-04	7.061415e-05
## SPNCRNA.797	1.527387e-04	1.294140e-04	-3.962611e-04	3.524539e-05
## SPAC20H4.10	1.026306e-03	-2.989579e-03	-5.258652e-04	2.677695e-04
## SPAC23C11.01	1.101948e-03	2.080103e-04	-2.091799e-03	7.931607e-04
## SPAC23C11.03	4.362258e-04	-1.687786e-03	-1.239891e-03	-3.362963e-04
## SPAC23C11.04c	1.298786e-04	-4.027734e-04	2.626650e-05	-4.923847e-04
## SPAC23C11.05	1.968771e-02	-2.075024e-02	-2.491277e-03	3.002362e-02
## SPAC23C11.08	2.175539e-04	3.033022e-04	2.604582e-04	-4.491318e-04
## SPNCRNA.799	1.047791e-04	-7.917132e-05	-1.401624e-05	-6.637043e-06
## SPAC23C11.09	-5.915860e-03	2.522716e-03	-8.836092e-03	1.398616e-02
## SPAC23C11.10	-1.122266e-04	-3.347528e-05	1.802967e-04	-4.333091e-04
## SPAC23C11.11	2.770645e-03	-1.322393e-03	-1.248872e-03	1.796298e-03
## SPNCRNA.800	-1.014022e-04	-6.637540e-04	4.221690e-04	4.364226e-04
## SPAC23C11.14	3.271607e-03	2.360830e-03	-4.103899e-03	1.062574e-03
## SPAC23C11.15	8.041578e-05	-4.822027e-04	2.268816e-05	-1.736452e-04
## SPAC23C11.17	1.865321e-03	1.848983e-03	-4.924102e-03	-1.031457e-03
## SPAC13F5.01c	1.105402e-03	-6.540984e-04	3.477538e-05	7.366176e-04
## SPAC13F5.02c	-6.120560e-04	4.354887e-04	-9.470156e-04	-5.590471e-04
## SPNCRNA.801	1.215512e-05	1.054328e-04	-3.162258e-04	-1.990768e-04
## SPAC13F5.06c	1.090469e-03	2.545512e-03	-2.289379e-03	2.232634e-03

## SPNCRNA.802	3.695394e-05	1.242274e-04	-5.134844e-05	-3.595130e-04
## SPAC13F5.07c	1.062498e-04	1.804414e-04	-3.111929e-04	5.594242e-06
## SPAC1783.02c	-1.339798e-04	4.387162e-04	-7.714303e-04	-1.125498e-03
## SPAC1783.04c	7.368043e-04	-1.111948e-03	2.272922e-05	-1.118500e-04
## SPNCRNA.803	1.312369e-05	2.083556e-05	-2.242354e-04	2.376412e-04
## SPAC1783.06c	-7.248944e-05	1.669580e-04	-1.402265e-04	4.003801e-05
## SPNCRNA.804	-1.244499e-04	1.208924e-04	-8.954118e-05	7.568639e-06
## SPAC1783.07c	-3.402198e-04	-2.230448e-03	-1.340112e-03	-8.184650e-04
## SPAC1783.08c	1.064028e-02	9.516485e-03	1.173619e-02	-5.951275e-03
## SPAC1327.01c	1.784479e-03	6.082429e-05	-2.073774e-03	6.122472e-05
## SPAC18G6.01c	-1.112661e-03	-7.962333e-04	-1.395119e-03	2.451545e-04
## SPAC18G6.02c	-3.167384e-04	-4.241744e-04	-1.236270e-03	3.757266e-04
## SPATRNAVAL.03	8.738539e-04	8.281925e-03	9.787928e-03	-8.882600e-03
## SPAC18G6.04c	-8.030688e-04	6.011198e-04	-2.152862e-04	-3.494237e-03
## SPAC18G6.05c	5.226253e-03	-6.690048e-03	2.881657e-03	-2.764579e-03
## SPAC18G6.06	4.998605e-04	-7.827886e-04	-1.762367e-04	1.230221e-03
## SPAC18G6.07c	2.547468e-03	2.431440e-04	-1.028806e-03	5.031251e-03
## SPAC18G6.09c	1.202474e-03	-2.992968e-03	3.000775e-03	1.130767e-03
## SPAC18G6.10	5.220128e-04	-6.813203e-04	-3.921386e-04	7.588483e-06
## SPAC18G6.11c	-2.289892e-04	-5.752296e-04	-8.029224e-04	8.533687e-03
## SPAC18G6.12c	6.887947e-04	2.523700e-04	-6.181685e-04	-2.115260e-04
## SPNCRNA.806	-1.072838e-04	-5.872042e-05	-5.093882e-05	-3.654029e-05
## SPAC18G6.13	7.905637e-05	-3.289680e-04	1.321999e-04	3.140867e-04
## SPAC18G6.14c	4.077030e-02	-1.160730e-02	2.098672e-02	1.646086e-02
## SPAC13D6.02c	3.909064e-03	1.795691e-03	-1.066490e-02	7.862942e-03
## SPNCRNA.189	6.616958e-05	1.605638e-04	4.938134e-05	1.901542e-04
## SPATRNaGLY.02	4.630663e-04	4.511820e-03	3.204319e-03	-3.875348e-03
## SPAC13D6.04c	-4.561744e-05	3.914418e-04	-3.535859e-04	-1.102750e-04
## SPAC13D6.05	1.112873e-04	-4.638056e-04	4.170582e-04	-4.517011e-04
## SPAC4G9.02	-2.767356e-04	6.861462e-04	-5.169285e-04	-1.770017e-04
## SPAC4G9.07	-8.009589e-05	1.883337e-04	-3.779655e-04	2.895908e-04
## SPAC4G9.08c	1.962592e-03	-4.259273e-03	1.477379e-03	2.785290e-03
## SPAC4G9.13c	5.759054e-04	6.121552e-04	-2.411863e-03	1.657125e-03
## SPAC4G9.16c	7.577088e-03	3.377037e-02	1.421959e-02	-2.592489e-03
## SPAC4G9.17c	4.338259e-04	4.069843e-04	-4.749755e-04	3.208910e-04
## SPAC4G9.22	1.279464e-03	-1.550909e-03	2.689786e-03	1.032560e-03
## SPNCRNA.811	3.842415e-05	-4.606672e-05	-4.696433e-05	-7.606037e-05
## SPNCRNA.190	-4.854711e-05	-3.658699e-04	7.274037e-05	1.830489e-04
## SPAC13G7.07	-8.685687e-05	-1.557183e-05	-1.931216e-04	3.786829e-06
## SPAC13G7.08c	-7.940288e-04	2.279143e-03	-8.981498e-04	1.050951e-03
## SPAC13G7.09c	4.414340e-04	4.506917e-04	-2.166476e-04	1.745435e-05
## SPAC13G7.11	3.912708e-04	-1.741779e-04	-4.864756e-05	-7.605050e-04
## SPAC6C3.02c	2.023037e-03	-3.728863e-04	-6.105245e-03	2.060465e-03
## SPAC6C3.04	4.854251e-03	-7.946345e-03	5.349692e-03	3.515870e-03
## SPNCRNA.814	-8.610078e-05	-1.509457e-05	1.322864e-04	-4.907044e-05
## SPAC6C3.06c	-4.108909e-03	1.908862e-03	-6.459146e-03	-1.628105e-03
## SPAC6C3.07	1.535614e-04	9.919334e-05	-6.707516e-05	-2.304537e-06
## SPAC17G8.01c	-5.031124e-04	-3.127077e-05	-1.514822e-03	-3.091718e-04
## SPAC17G8.02	5.004026e-04	4.645198e-04	-1.536155e-03	3.386364e-04
## SPAC17G8.05	8.398416e-05	4.625983e-04	-1.815795e-04	-2.849943e-04
## SPAC17G8.07	-5.589603e-04	7.525172e-04	-6.291650e-04	-7.181747e-04
## SPAC17G8.09	2.197084e-04	-9.330147e-05	-2.254083e-04	-2.129912e-04
## SPAC17G8.10c	7.676752e-04	-5.669249e-04	-9.867491e-05	2.256190e-04
## SPNCRNA.817	4.071059e-06	-2.653405e-05	6.963018e-06	7.020010e-05

## SPAC17G8.12	1.299730e-03	3.666505e-04	-7.762685e-04	1.325393e-03
## SPNCRNA.192	-3.012104e-05	4.378741e-05	9.951626e-05	1.798377e-05
## SPNCRNA.819	-2.362281e-04	5.038654e-05	1.196749e-06	1.818141e-05
## SPAC22H10.03c	1.381404e-03	-2.761331e-03	-4.635830e-04	1.407647e-03
## SPNCRNA.821	-2.435248e-05	2.011734e-05	3.205298e-05	-1.475274e-04
## SPAC22H10.13	1.399908e-03	-7.566301e-05	-3.221669e-03	1.565526e-03
## SPAC22H10.09	-1.291746e-03	-1.175259e-05	-1.483596e-03	-2.360711e-04
## SPAC22H10.10	1.346425e-04	2.366802e-05	-2.545510e-04	-2.864172e-04
## SPAC15F9.02	-2.829649e-04	-1.133105e-03	-2.158425e-03	1.753143e-03
## SPAC15F9.03c	2.888762e-03	2.630331e-03	1.325320e-03	3.251100e-03
## SPAC1B9.02c	-8.404129e-04	1.742635e-03	-1.259803e-03	-1.898069e-03
## SPAC1B9.03c	-2.309254e-04	2.983313e-03	6.255154e-04	1.868998e-04
## SPAC6B12.03c	-1.313229e-05	4.517591e-04	-4.172606e-04	1.763579e-04
## SPAC6B12.18	8.889691e-05	3.129107e-04	1.014769e-03	-1.048930e-04
## SPAC6B12.07c	6.337827e-03	-9.078566e-03	9.437145e-03	7.803934e-03
## SPAC6B12.08	-4.071544e-04	-2.059192e-04	-6.677039e-04	3.464252e-05
## SPAC6B12.13	-6.063167e-05	4.992593e-04	-2.130410e-03	1.412144e-03
## SPNCRNA.195	7.116260e-05	6.412739e-06	-2.133872e-05	1.020414e-04
## SPAC6B12.15	5.468785e-02	-4.252610e-02	2.973198e-02	6.839005e-02
## SPATRNLAYS.03	-2.547897e-04	6.937689e-04	7.298601e-04	-1.443265e-04
## SPAC32A11.02c	4.766862e-03	8.782839e-04	3.434433e-02	7.345325e-03
## SPNCRNA.828	-3.035461e-04	-7.448033e-04	9.009393e-04	-1.934005e-04
## SPNCRNA.829	3.818668e-06	-2.072251e-04	4.087282e-05	-4.314291e-05
## SPAC19A8.13	-2.576496e-04	3.602132e-04	-7.359723e-04	1.462771e-04
## SPAC19A8.12	3.878602e-04	-3.238835e-04	-2.040403e-04	2.186748e-04
## SPAC19A8.11c	-7.060687e-04	-3.791566e-04	-3.868645e-04	1.170781e-03
## SPAC19A8.10	6.142469e-04	-4.910761e-04	1.279272e-05	1.075553e-03
## SPAC19A8.09	2.381477e-04	2.350873e-04	2.353083e-04	5.121299e-04
## SPAC19A8.08	1.477936e-03	-9.502520e-04	-2.143949e-03	2.149201e-03
## SPNCRNA.286	7.548035e-06	-2.022694e-05	4.338121e-05	-1.579797e-05
## SPAC19A8.07c	-2.871659e-04	2.329837e-04	-2.544726e-03	-2.967415e-04
## SPAC19A8.05c	3.269519e-04	-4.384492e-04	-5.136584e-04	-9.688562e-04
## SPAC19A8.04	3.444092e-03	-9.694586e-03	5.672508e-03	-1.122697e-03
## SPAC19A8.03	1.074220e-03	-6.340221e-04	-4.522711e-04	-1.709622e-04
## SPAC19A8.02	2.109352e-03	-8.421089e-04	-1.556528e-03	1.070528e-03
## SPAC19A8.01c	2.140287e-03	-6.773285e-04	3.730838e-04	4.625488e-04
## SPAC23H3.04	1.334487e-04	8.201860e-05	-4.194759e-04	1.356652e-04
## SPAC23H3.05c	1.642916e-04	3.506989e-04	-1.097778e-03	-5.482433e-04
## SPAC23H3.06	1.116450e-03	-1.157589e-03	-1.182278e-04	-8.026274e-04
## SPAC23H3.08c	1.762055e-04	3.186971e-04	-4.659769e-05	-1.680577e-04
## SPAC23H3.13c	2.061283e-03	-1.366761e-03	7.294909e-04	1.648364e-03
## SPNCRNA.197	1.442492e-05	1.676786e-05	-1.103415e-05	-4.994971e-05
## SPNCRNA.831	-6.512756e-06	3.091637e-05	1.545440e-05	5.998843e-06
## SPAC23H3.15c	7.645332e-02	-7.958103e-03	1.875002e-02	4.827569e-02
## SPNCRNA.833	-2.466987e-04	-1.763675e-04	-2.787609e-04	-1.607184e-04
## SPAC25H1.04	-4.308664e-04	5.426756e-04	-2.679420e-04	1.210655e-03
## SPAC25H1.05	8.491085e-04	1.252568e-03	-1.980722e-03	2.399688e-03
## SPAC25H1.06	3.744138e-04	1.796921e-03	-2.696390e-03	1.923618e-03
## SPAC25H1.07	5.358488e-04	1.797176e-03	-4.351525e-03	-2.010784e-03
## SPAC25H1.08c	-2.640846e-04	1.167823e-03	-2.912199e-03	3.894945e-03
## SPAC4A8.04	5.636715e-03	-4.273796e-04	1.088077e-03	1.122187e-03
## SPAC4A8.05c	4.702562e-03	3.483007e-05	-3.053394e-03	8.750807e-04
## SPNCRNA.836	5.611880e-05	-3.880346e-06	-2.170117e-04	-3.833709e-04
## SPNCRNA.837	4.834298e-04	4.768866e-04	4.047282e-04	-8.624870e-04

## SPAC4A8.07c	-3.839199e-04	2.608017e-03	-4.497221e-03	1.830224e-03
## SPAC4A8.08c	2.772983e-04	-1.947970e-04	-3.538049e-03	8.619947e-04
## SPNCRNA.838	-2.336318e-04	1.091942e-04	1.488136e-05	1.326828e-04
## SPSNRNA.06	2.455195e-02	4.708393e-02	3.128761e-02	-2.646923e-02
## SPAC4A8.10	-2.044201e-03	1.645789e-03	-1.017605e-03	-1.908728e-04
## SPNCRNA.839	-3.385765e-05	-1.799704e-04	2.955093e-04	-2.318281e-04
## SPAC4A8.12c	-7.768223e-04	1.231140e-03	-8.480271e-04	3.722314e-04
## SPAC4A8.14	-3.468199e-03	-6.228703e-04	-3.671300e-03	1.107534e-03
## SPATRNAILE.02	-1.048312e-02	1.470305e-02	1.427402e-02	-2.419124e-02
## SPAC823.03	4.610092e-03	-7.859212e-04	3.804664e-03	-1.465457e-04
## SPAC823.07	9.830408e-04	-2.241286e-05	-1.359003e-03	2.452720e-03
## SPNCRNA.199	3.908032e-05	2.995665e-05	5.525792e-05	5.037979e-05
## SPAC823.11	3.728876e-04	3.082654e-03	-5.827487e-04	1.143377e-03
## SPAC823.12	1.925392e-03	-7.459960e-04	1.624870e-03	3.512606e-03
## SPAC823.13c	2.413712e-04	6.326635e-04	-1.300359e-03	-3.451588e-04
## SPAC823.14	-2.652007e-03	1.283991e-04	-1.691336e-03	1.842273e-04
## SPNCRNA.841	3.927935e-04	4.034560e-04	6.780925e-05	-1.863250e-04
## SPAC823.16c	-2.674580e-05	8.000496e-04	-1.005244e-03	3.703871e-04
## SPAC7D4.14c	9.969294e-04	-1.741974e-04	-9.445833e-04	5.592814e-04
## SPAC7D4.11c	-3.571612e-05	-2.602269e-04	-1.416590e-03	7.392784e-04
## SPAC7D4.09c	2.916032e-04	5.141809e-04	-1.174037e-03	5.190544e-04
## SPAC7D4.08	8.548553e-05	-1.040698e-04	3.356709e-05	-9.647168e-05
## SPAC7D4.06c	-8.208028e-06	1.218262e-03	-1.203688e-03	-3.043249e-04
## SPAC7D4.04	8.147250e-04	8.039248e-04	-3.422924e-03	-5.805879e-04
## SPAC7D4.03c	3.238730e-03	9.972027e-04	8.266411e-04	4.410989e-05
## SPAC4F8.15	-3.435956e-04	1.141360e-03	-4.359457e-03	4.259766e-04
## SPAC4F8.14c	9.876278e-03	-1.330824e-02	2.071670e-03	5.291348e-03
## SPNCRNA.843	-2.831108e-05	1.046992e-04	-2.188135e-04	-2.535377e-05
## SPAC4F8.12c	1.480739e-03	-9.107210e-03	-2.639856e-03	3.628857e-03
## SPNCRNA.326	2.172295e-05	6.631138e-06	2.269926e-06	-6.850112e-06
## SPAC4F8.10c	1.504041e-05	1.560759e-03	-2.498016e-03	2.057650e-04
## SPNCRNA.200	-4.286649e-06	-3.173762e-06	1.131736e-05	-4.898464e-05
## SPAC4F8.07c	1.111933e-02	5.451308e-03	-2.044396e-02	2.007994e-02
## SPAC4F8.03	-4.204957e-04	1.453023e-03	-2.158415e-04	-5.399293e-04
## SPAC4F8.02c	6.076147e-04	-6.033701e-05	3.470678e-04	-1.327833e-04
## SPAC4F8.01	1.218632e-04	-8.778496e-06	-4.971944e-04	-5.811281e-04
## SPAC644.04	-8.594599e-05	9.267350e-04	-1.054390e-03	-1.007412e-03
## SPAC644.05c	2.454026e-03	2.006412e-03	7.396293e-04	5.224682e-04
## SPAC644.08	2.139835e-04	-9.626642e-04	-8.834333e-04	1.047624e-03
## SPAC644.11c	4.629573e-05	1.222131e-03	-2.436090e-03	9.018447e-04
## SPNCRNA.202	6.007695e-06	-1.235823e-05	-1.810345e-06	3.497593e-06
## SPAC644.14c	7.439130e-04	1.285581e-04	-1.419151e-03	3.651627e-04
## SPAC644.15	1.214931e-02	1.735022e-02	1.794017e-03	1.304627e-02
## SPAC644.16	1.341820e-03	-2.415860e-03	-2.130728e-03	1.346858e-03
## SPNCRNA.845	4.714108e-06	6.073837e-05	-1.533816e-05	-2.897640e-05
## SPAPB2B4.02	-1.968450e-03	2.470558e-04	-9.998307e-04	-3.463276e-04
## SPAPB2B4.03	8.301608e-03	-8.141934e-05	-4.954824e-04	2.485125e-03
## SPAPB2B4.04c	4.695626e-03	-2.701343e-03	6.526466e-04	2.712392e-03
## SPAC6F6.02c	2.896032e-04	4.627529e-04	-3.879133e-04	-1.064466e-04
## SPAC6F6.03c	1.293327e-03	-3.110291e-03	6.076981e-03	8.278982e-03
## SPAC6F6.04c	1.373447e-04	1.031052e-03	-1.248465e-03	-3.739403e-04
## SPNCRNA.848	-1.997632e-05	-2.819718e-05	5.773859e-05	-4.775381e-05
## SPAC6F6.08c	2.631355e-04	-4.856780e-04	2.675385e-05	1.563609e-04
## SPAC6F6.09	-1.686367e-04	4.111429e-04	-3.713689e-04	2.672642e-04

## SPAC6F6.10c	2.577342e-03	-3.655354e-03	-5.618831e-04	1.738678e-03
## SPAC6F6.11c	-2.847560e-04	-6.597435e-04	-1.110014e-03	-3.635230e-04
## SPNCRNA.849	-1.568173e-04	-7.753312e-05	-2.032054e-04	-2.890605e-05
## SPAC6F6.13c	2.787959e-03	-9.592733e-04	-1.827007e-03	-2.203922e-04
## SPAC6F6.17	-1.161920e-04	-1.287196e-03	-5.554064e-03	1.583847e-03
## SPNCRNA.852	-5.308297e-05	-8.140197e-05	1.671728e-05	-2.666213e-05
## SPAC1805.03c	-4.269901e-04	-7.340489e-04	-3.396459e-04	-3.412783e-05
## SPAC1805.04	1.260603e-03	-2.473412e-03	-6.788534e-04	1.161817e-03
## SPAC1805.05	-1.069701e-04	4.201664e-03	-9.220586e-03	2.944070e-03
## SPSNORNA.52	-1.193450e-04	1.348117e-03	-1.177822e-03	2.379389e-03
## SPAC1805.11c	2.145509e-02	-1.347433e-02	1.483920e-02	1.350909e-02
## SPAC1805.14	7.736313e-04	-2.279502e-04	-1.861414e-03	2.499833e-03
## SPAC1805.15c	-3.818164e-04	-1.573655e-04	-4.938429e-04	3.285210e-04
## SPAC1805.16c	8.545459e-04	-1.207642e-03	-6.515187e-04	-1.348505e-04
## SPNCRNA.208	-5.276715e-06	-3.154749e-06	9.010364e-07	-2.885367e-05
## SPAC1805.17	1.308397e-03	-6.611887e-03	-4.529909e-03	7.463479e-04
## SPAC1B2.06	-2.422802e-04	-9.302799e-05	-2.823830e-04	-1.465518e-04
## SPAC3F10.02c	-1.628118e-04	-1.679265e-03	-5.108363e-03	1.162600e-03
## SPAC3F10.05c	4.885957e-04	-4.361721e-04	-1.775727e-03	1.486930e-03
## SPAC3F10.07c	-2.289285e-05	2.425243e-04	-2.990923e-04	1.928051e-04
## SPAC3F10.19	3.191399e-04	-1.283215e-03	8.889493e-04	1.050498e-03
## SPAC3F10.08c	3.146617e-05	5.054479e-04	-3.056257e-04	2.943898e-04
## SPAC3F10.10c	-1.141297e-04	-2.501372e-04	2.190055e-04	-4.151775e-04
## SPAC3F10.12c	7.669130e-04	1.021171e-03	-1.848265e-03	8.040651e-04
## SPAC8F11.02c	4.414835e-04	5.211997e-04	-2.916329e-04	-3.599844e-04
## SPAC8F11.05c	3.144958e-05	5.381683e-05	-1.631842e-04	1.054453e-04
## SPAC8F11.06	4.614915e-04	2.551398e-04	4.830011e-04	1.380910e-04
## SPAC8F11.07c	-4.026861e-04	1.371008e-04	-5.902842e-04	-4.252725e-04
## SPAC8F11.10c	4.919622e-03	-1.183548e-03	-4.657744e-03	1.507494e-03
## SPACUNK4.13c	2.910162e-04	-4.770496e-04	4.233076e-04	-9.482651e-04
## SPACUNK4.10	1.683908e-03	-4.974660e-03	-5.115730e-04	4.202345e-04
## SPNCRNA.858	-4.414814e-05	-1.109249e-04	4.844551e-05	4.570403e-05
## SPACUNK4.07c	1.890957e-03	-9.230041e-03	3.035172e-03	4.291604e-03
## SPACUNK4.06c	-1.727623e-03	3.583569e-03	-3.073208e-03	1.787163e-03
## SPAC513.01c	8.803906e-03	-8.102418e-03	8.774999e-03	7.696004e-03
## SPAC513.02	-4.333508e-04	7.220277e-04	1.454196e-04	5.811016e-04
## SPAC513.03	3.565116e-04	1.647078e-03	-1.780326e-03	2.230074e-03
## SPAC513.05	8.051512e-04	-3.388645e-03	-2.425497e-03	1.568312e-03
## SPAC2E1P3.01	2.007843e-03	7.921634e-04	-5.544690e-03	-3.075799e-04
## SPNCRNA.859	6.662392e-05	1.319905e-04	-2.164726e-04	-5.272022e-05
## SPAC2E1P3.04	-2.625928e-03	-3.239982e-03	-4.685302e-03	-7.405305e-04
## SPAPB2C8.01	1.908724e-03	-4.330136e-03	5.241598e-04	3.464938e-03
## SPNCRNA.864	1.844428e-05	-5.963779e-05	-2.462115e-05	-8.623286e-05
## SPAPB24D3.05c	-2.934754e-05	9.663957e-05	-1.956513e-04	-7.475138e-05
## SPAPB24D3.06c	-3.194333e-04	5.869284e-04	-1.749272e-03	-1.059832e-03
## SPNCRNA.865	-1.761848e-04	4.013053e-05	3.265222e-04	-4.344314e-04
## SPAPB24D3.08c	5.806256e-03	2.883546e-03	-5.428742e-03	-2.447665e-04
## SPNCRNA.866	1.073990e-04	-7.756653e-04	-7.379580e-05	2.519885e-04
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-8.071464e-05	2.367210e-05	8.070714e-05	-3.549859e-05
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	9.461094e-05	3.459255e-04	-1.449570e-04	-3.976078e-04
## SPAPB1A11.03	1.005502e-03	-2.476884e-05	-2.442842e-04	2.472181e-04
## SPAC31G5.01	-1.307015e-04	7.303461e-04	-1.450122e-03	-6.616987e-04

## SPAC31G5.03	1.940598e-02	-1.602977e-02	1.495141e-02	8.682586e-03
## SPAC31G5.05c	2.436993e-03	6.795554e-03	-5.749222e-03	9.360999e-04
## SPAC31G5.07	7.896551e-05	1.107711e-05	9.127978e-05	-9.392015e-05
## SPAC31G5.09c	8.437698e-05	2.463364e-04	-5.802268e-04	1.365342e-05
## SPNCRNA.872	1.391452e-04	-5.455869e-05	6.956629e-05	2.085001e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	9.519899e-05	1.677392e-04	-3.628088e-04	-4.524889e-05
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	7.865684e-06	-9.762101e-06	-1.608257e-05	4.652141e-05
## SPAC31G5.12c	8.439688e-04	7.072102e-04	1.895615e-05	3.595194e-04
## SPAC31G5.13	-1.400329e-03	-2.994849e-04	-1.564958e-03	1.357503e-03
## SPNCRNA.875	7.744484e-05	-1.725994e-04	-1.128743e-04	4.242091e-04
## SPAC31G5.15	9.930918e-04	-8.788316e-04	-5.946151e-04	1.119641e-03
## SPAC31G5.17c	1.478390e-02	4.468501e-03	9.740776e-03	2.685534e-03
## SPAC1786.01c	2.246948e-03	1.076225e-03	1.111992e-03	7.252094e-03
## SPAC1786.04	6.573180e-06	-5.545529e-06	-2.250353e-06	-1.439614e-05
## SPNCRNA.878	-2.665447e-05	-7.049091e-05	4.383705e-05	-2.727968e-06
## SPAC24C9.03	1.207411e-03	-5.038073e-03	1.830493e-03	7.369507e-04
## SPAC24C9.16c	5.525114e-05	-1.417654e-04	1.788338e-04	-4.596941e-04
## SPATRNASER.02	-1.427002e-03	1.139927e-03	2.683765e-03	2.808167e-04
## SPAC24C9.06c	9.245539e-03	-3.521547e-02	1.180043e-02	1.606596e-02
## SPNCRNA.879	6.972913e-05	9.679396e-05	-4.362828e-05	-6.130936e-05
## SPNCRNA.880	1.365641e-04	-5.879052e-04	-1.839431e-04	2.053611e-04
## SPNCRNA.212	3.249984e-05	-6.772161e-05	1.932595e-05	2.591636e-05
## SPAC24C9.09	-2.072004e-05	9.133746e-04	-1.795955e-03	-8.191546e-04
## SPAC24C9.13c	3.222459e-04	4.968541e-05	-5.243174e-05	-9.517580e-05
## SPAC24C9.14	1.372821e-03	-2.032462e-03	-8.825246e-04	9.684302e-04
## SPNCRNA.883	7.571748e-05	-7.758509e-05	-5.973534e-05	7.827392e-05
## SPAC24C9.15c	-7.255483e-05	-6.787128e-05	7.534261e-05	1.574356e-04
## SPAC16A10.01	3.617402e-03	-2.620231e-03	3.169166e-03	3.494054e-03
## SPAC16A10.03c	1.263187e-04	-5.397909e-04	-1.997383e-03	3.835526e-05
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-4.429406e-06	6.303822e-05	1.853239e-05	-5.013455e-05
## SPAC16A10.04	9.896758e-04	8.367988e-04	-6.460092e-04	6.639159e-04
## SPAC589.02c	3.623832e-04	-4.902263e-04	-1.130523e-03	5.996868e-04
## SPNCRNA.886	1.419167e-04	-3.120437e-04	2.341957e-04	2.776959e-04
## SPAC589.04	6.190671e-04	4.881727e-04	-1.377701e-03	4.038876e-04
## SPAC589.05c	8.694621e-04	-1.175774e-04	-7.860671e-04	-1.409423e-04
## SPAC589.07c	3.378628e-04	-7.781902e-05	1.110312e-05	1.813524e-04
## SPNCRNA.560	-6.339816e-05	-2.082011e-04	9.009710e-05	-2.289371e-04
## SPAC589.09	-2.261284e-03	1.034462e-03	-2.817039e-03	-1.083517e-03
## SPAC589.10c	-5.557054e-03	4.846739e-02	-5.876027e-03	4.991350e-02
## SPAC589.12	-3.305216e-03	3.332164e-03	-6.838850e-03	-5.513358e-04
## SPAC688.03c	3.305167e-04	-1.537163e-04	-1.935502e-04	3.596681e-04
## SPAC688.04c	4.208447e-03	-8.383817e-04	1.547407e-03	1.753836e-03
## SPNCRNA.887	1.730026e-04	1.013627e-04	-2.237573e-04	1.922168e-06
## SPAC688.10	2.621139e-05	-5.315653e-04	-3.700317e-04	1.513153e-04
## SPAC688.11	-1.317111e-03	-4.883831e-03	-4.301705e-03	3.114490e-03
## SPAC688.12c	-1.382340e-04	6.234013e-04	-7.823808e-04	-5.835336e-05
## SPAC3G9.16c	2.932436e-04	-6.886801e-05	2.585168e-04	1.998937e-04
## SPAC3G9.14	3.065529e-03	-2.249565e-04	-1.644258e-03	-4.676122e-04
## SPAC3G9.12	-1.042857e-04	-2.791366e-04	-2.808584e-03	4.551035e-04
## SPATRNAALA.03	-4.493308e-04	8.751026e-04	8.011250e-04	-3.630904e-04
## SPAC3G9.10c	-4.493845e-04	4.871117e-04	-1.138749e-03	1.633965e-03

## SPRRNA.14	3.655988e-03	8.883696e-04	-3.999882e-03	-8.116543e-03
## SPAC3G9.08	4.482702e-05	3.197415e-04	-1.538287e-03	2.469965e-04
## SPAC3G9.05	8.509442e-04	-4.379085e-04	-2.300337e-04	2.427863e-04
## SPAC3G9.04	3.129138e-04	-8.871290e-05	-8.854132e-04	4.917322e-04
## SPNCRNA.893	-4.263918e-02	-3.187648e-02	7.135926e-02	-1.301018e-02
## SPNCRNA.87	8.586196e-05	-1.961264e-05	1.526392e-05	4.465880e-05
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	1.264908e-04	-2.862124e-06	-5.636013e-04	7.759048e-04
## SPAC1486.02c	4.250564e-04	-5.051931e-04	-2.094325e-03	1.269058e-03
## SPAC1486.03c	6.896322e-04	-8.735433e-04	-1.220285e-04	4.235128e-04
## SPNCRNA.14	-3.839215e-06	1.100220e-05	1.282047e-05	-4.371777e-05
## SPAC1486.04c	9.712364e-04	-2.537195e-03	-2.510183e-03	-2.253561e-03
## SPAC1486.06	-4.825911e-04	1.801699e-03	-9.797462e-04	-4.636220e-04
## SPNCRNA.895	-5.235642e-05	6.331026e-05	4.315702e-05	1.963523e-05
## SPAC1486.09	5.633359e-04	-8.301214e-04	-1.224675e-03	-6.165626e-04
## SPAC6G10.06	6.646382e-05	-5.851135e-05	2.097445e-05	1.070238e-04
## SPAC6G10.11c	-2.636422e-02	5.552879e-02	1.851774e-02	7.654724e-02
## SPAC6G10.12c	2.556789e-03	6.936134e-04	2.875882e-04	-3.403135e-04
## SPNCRNA.897	-2.063661e-05	1.179211e-06	-7.685656e-05	-3.547144e-05
## SPAC6G9.01c	-4.085326e-04	7.451264e-04	-4.468241e-04	1.752649e-04
## SPAC6G9.04	2.534828e-04	-8.289782e-04	-1.344352e-03	5.811557e-05
## SPAC6G9.05	2.839437e-04	-9.558988e-05	-3.455754e-04	1.148385e-04
## SPAC6G9.06c	-8.148592e-04	-2.019404e-03	-1.506524e-03	-1.979438e-04
## SPNCRNA.898	-4.397609e-05	1.806412e-04	5.943067e-05	4.432510e-05
## SPAC6G9.07c	4.063420e-04	1.573178e-03	-2.553133e-03	-1.800023e-03
## SPAC6G9.08	1.073445e-04	1.146638e-03	-4.213823e-03	-2.410144e-03
## SPAC6G9.10c	-3.817706e-04	-1.507420e-03	2.303623e-04	3.275737e-04
## SPAC6G9.11	-3.432595e-04	8.694550e-04	-4.860827e-03	-1.177468e-04
## SPAC6G9.13c	6.193667e-05	-6.938737e-06	6.373089e-05	-2.841754e-05
## SPAC6G9.14	4.193728e-04	-1.281472e-03	8.359630e-04	-3.193057e-04
## SPAC6G9.16c	-4.535500e-04	3.151206e-05	-2.987623e-04	8.545028e-04
## SPAPB1E7.02c	-2.315669e-05	-1.060411e-04	-7.243114e-04	-6.104724e-04
## SPAPB1E7.05	5.319965e-03	2.173386e-03	-5.896875e-04	8.065946e-04
## SPAPB1E7.08c	1.828044e-03	1.228247e-03	-5.746089e-03	4.546953e-04
## SPAPB1E7.09	2.607914e-03	-3.402439e-03	-3.504266e-03	6.477138e-03
## SPAPB1E7.11c	1.003792e-03	5.316426e-04	-2.108663e-03	-3.143073e-04
## SPAPB1E7.12	2.152532e-02	-1.852079e-02	7.790810e-03	5.569176e-02
## SPAPB1E7.14	7.695063e-04	-2.470320e-04	-2.219317e-04	8.224403e-04
## SPAC2E1P5.02c	-1.079965e-04	1.067188e-03	-5.748385e-04	-4.134058e-04
## SPAC2E1P5.04c	-2.765440e-04	4.126514e-04	-9.678685e-04	7.680604e-05
## SPAC26A3.01	1.144661e-02	2.911102e-03	-1.710475e-02	8.344918e-03
## SPAC26A3.03c	3.839151e-05	6.302323e-04	-1.101078e-03	8.321707e-05
## SPAC26A3.04	7.310528e-03	3.272113e-02	4.803198e-03	8.015634e-03
## SPAC26A3.06	6.032615e-04	-4.526173e-04	-1.429429e-03	1.015052e-03
## SPAC26A3.07c	1.060852e-02	6.900139e-03	-4.175821e-03	2.496917e-02
## SPAC26A3.12c	1.525667e-04	-2.767745e-03	-1.479314e-03	-1.362982e-03
## SPAC26A3.11	3.513704e-04	2.137479e-04	-1.138561e-03	1.202522e-03
## SPAC26A3.14c	5.931168e-04	2.498918e-04	1.480763e-04	-7.349232e-04
## SPAC26A3.16	6.707783e-05	-1.341487e-04	-4.840925e-03	-7.799258e-04
## SPAC26A3.17c	-1.252762e-03	1.659744e-03	1.932085e-03	-2.725338e-04
## SPNCRNA.902	5.317119e-05	-1.265579e-04	2.012177e-04	-3.909073e-05
## SPAC8E11.10	-4.244993e-03	-4.394581e-03	-1.400453e-02	-5.439075e-03
## SPAC8E11.07c	1.486902e-04	-1.469005e-04	9.391295e-05	-1.947805e-04
## SPAC8E11.05c	-1.120087e-03	1.327020e-03	-3.466970e-03	1.662046e-03

## SPNCRNA.905	-3.912433e-05	8.865174e-05	-1.933940e-04	-3.244710e-05
## SPAC8E11.01c	3.233715e-04	-5.732800e-04	-4.897370e-04	1.976037e-03
## SPAC959.04c	-4.860770e-04	-1.939204e-04	-3.496460e-04	8.455556e-04
## SPAC959.10	-9.618931e-05	-4.853724e-04	-1.544345e-04	2.245595e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-6.877948e-05	5.981222e-05	-1.155929e-04	5.682962e-04
## SPAC959.08	-2.679409e-03	1.241873e-02	-3.239066e-04	2.299834e-02
## SPNCRNA.907	8.012311e-05	-6.822262e-07	6.746000e-04	-6.546788e-04
## SPAC3H5.12c	9.002514e-03	4.431269e-02	-1.047909e-02	2.344419e-02
## SPAC3H5.11	5.231477e-04	-8.940517e-05	-9.828584e-04	8.983149e-05
## SPAC3H5.13	9.542373e-05	1.878492e-04	-3.432022e-04	3.217578e-04
## SPAC3H5.09c	5.862947e-03	8.658228e-04	-8.280617e-03	3.194032e-03
## SPAC3H5.07	8.904700e-03	1.528297e-03	1.051712e-02	3.773859e-03
## SPAC3H5.04	3.811508e-04	-2.211090e-06	-3.830258e-04	1.072587e-03
## SPAC3H5.05c	2.591730e-03	6.722087e-03	-1.575761e-02	1.003876e-02
## SPAC3A11.14c	4.042483e-04	-2.843897e-04	-1.297068e-03	5.538519e-04
## SPNCRNA.561	-1.594128e-04	1.822163e-04	1.348708e-04	4.048285e-05
## SPATRNAARG.01	-3.411653e-03	3.472717e-03	4.974317e-03	-3.675351e-03
## SPNCRNA.908	5.307399e-05	-9.415027e-05	-2.392341e-05	2.452981e-04
## SPAC3A11.11c	6.098652e-04	6.660381e-04	-2.165153e-03	2.648459e-04
## SPAC3A11.08	2.350595e-05	-8.554560e-04	-1.754529e-03	-4.503564e-04
## SPAC3A11.07	6.176762e-03	-7.581301e-03	2.938198e-03	-3.832759e-03
## SPAC3A11.06	1.252426e-03	-8.709376e-04	1.007223e-03	1.718502e-03
## SPAC328.01c	1.615700e-03	8.454051e-04	5.124011e-05	-1.690333e-03
## SPAC328.02	5.638215e-04	-1.742959e-03	1.595172e-03	5.885572e-04
## SPNCRNA.911	-1.384237e-04	-1.340340e-05	3.399507e-04	-3.379798e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	9.466289e-03	-1.038501e-02	1.582212e-02	-1.838829e-03
## SPAC328.07c	3.487931e-04	-1.270905e-03	-6.613596e-07	8.500825e-05
## SPAC328.09	-9.367511e-04	-1.116307e-03	1.633986e-03	-8.831099e-04
## SPNCRNA.912	-8.681671e-06	1.007775e-05	-1.895866e-05	3.988186e-05
## SPNCRNA.913	2.159816e-05	-3.495087e-05	1.605176e-05	4.662499e-05
## SPAC16E8.01	2.099877e-03	-4.302286e-03	-5.360987e-03	-6.558943e-04
## SPAC16E8.04c	1.153310e-03	2.411008e-03	-9.176330e-04	1.447604e-05
## SPNCRNA.914	4.787054e-05	1.694187e-04	-5.432524e-04	-4.877989e-04
## SPNCRNA.562	3.889415e-05	-4.182123e-08	3.071847e-05	-2.211145e-05
## SPAC16E8.08	4.237275e-04	1.835849e-04	-1.180698e-04	1.257005e-04
## SPAC16E8.10c	2.221197e-04	5.374019e-05	-5.546988e-04	8.098652e-04
## SPAC16E8.11c	-2.980003e-04	3.849448e-04	-8.994088e-04	-7.808497e-06
## SPAC16E8.18	-2.673460e-04	7.782008e-05	-3.856842e-04	-3.292327e-04
## SPAC16E8.12c	-2.722948e-04	4.566824e-04	-1.277517e-03	-1.127142e-03
## SPAC16E8.14c	3.786179e-04	-3.503962e-04	1.275280e-04	6.652676e-04
## SPAC16E8.16	1.604028e-03	1.855254e-03	-4.628007e-03	2.532157e-03
## SPAC16E8.17c	-1.276109e-03	-2.706651e-05	-2.099585e-03	1.972550e-03
## SPAC1B1.02c	6.540028e-04	1.457269e-03	-3.508704e-03	1.636057e-03
## SPAC1B1.03c	-3.531116e-03	-1.417036e-03	-7.391597e-03	2.140772e-03
## SPAC1B1.04c	7.700882e-04	-3.925392e-04	-6.724522e-04	-1.175404e-04
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-7.132564e-05	1.037897e-04	-1.391233e-04	-1.176099e-04
## SPAC17A2.03c	-2.909448e-04	1.125998e-03	-1.332780e-03	-2.306920e-03
## SPNCRNA.917	1.152747e-07	-6.157888e-06	-2.544576e-06	-1.470971e-05
## SPNCRNA.918	4.171697e-06	-6.848577e-05	5.925147e-05	-4.959172e-05
## SPAC17A2.12	4.641042e-04	-8.638848e-05	-9.995328e-04	3.638650e-04
## SPAC17A2.13c	1.046482e-04	-1.136883e-02	-2.512192e-04	7.563370e-04

## SPNCRNA.919	-6.258398e-05	7.690382e-07	-1.484349e-06	9.378277e-06
## SPAC17A2.14	1.353678e-03	-9.329718e-05	-2.664517e-03	1.109708e-03
## SPNCRNA.600	1.095183e-04	3.271199e-05	-2.215699e-04	-4.861281e-05
## SPAC17G6.07c	1.538225e-04	4.349932e-04	-3.906869e-04	3.553029e-05
## SPAC17G6.09	1.761393e-03	-1.738198e-03	1.035949e-03	1.330102e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	3.359797e-04	-2.239311e-04	-1.550780e-03	-2.991872e-04
## SPNCRNA.922	-1.014325e-05	1.297278e-05	-1.352489e-04	1.588560e-04
## SPAC1142.03c	1.555305e-03	3.602023e-04	-2.589916e-03	1.812798e-03
## SPRRNA.16	7.301778e-04	4.226983e-04	5.446338e-04	-9.502468e-04
## SPNCRNA.924	4.895350e-06	8.317591e-06	-7.307564e-06	-4.497811e-06
## SPAC8C9.03	2.142688e-03	-1.456713e-03	5.510172e-03	1.598743e-03
## SPAC8C9.05	-6.375315e-06	-4.047086e-04	-4.143702e-04	-8.420491e-04
## SPAC8C9.06c	-8.243860e-05	-3.056502e-03	-7.829905e-04	1.915507e-03
## SPAC8C9.10c	-2.592621e-04	-4.985676e-04	8.325833e-04	1.236691e-04
## SPAC8C9.16c	-1.024670e-04	-4.093621e-04	3.412137e-04	4.775312e-04
## SPAC15A10.01	1.495203e-04	-2.186172e-05	-9.865114e-04	2.453953e-05
## SPAC8C9.17c	-2.396152e-05	-8.342190e-04	-3.270989e-04	2.708019e-04
## SPAC15A10.02	2.517140e-03	-3.733935e-04	-1.546506e-03	1.223889e-03
## SPAC15A10.03c	4.876511e-04	-1.171133e-03	-9.393324e-04	4.813537e-04
## SPAC15A10.04c	-4.856466e-03	4.146443e-04	-7.411802e-03	-2.168401e-03
## SPAC15A10.05c	5.356960e-04	2.685856e-05	1.698567e-04	2.083432e-04
## SPAC15A10.07	-3.679592e-05	1.323835e-04	-1.113410e-03	1.520572e-03
## SPAC15A10.10	1.018503e-03	-8.190950e-05	-6.164832e-04	-9.911629e-04
## SPATRNPAPHE.01	-4.525159e-03	1.208188e-02	1.742728e-02	-4.184856e-03
## SPATRNPAPHE.04	-5.745354e-04	2.426114e-04	7.310374e-03	-2.847257e-03
## SPNCRNA.929	1.336601e-04	5.605402e-05	-1.702023e-04	7.710233e-05
## SPAC15A10.15	7.835529e-04	1.028044e-03	-1.885900e-03	-5.443571e-04
## SPAC15A10.16	1.740403e-03	-1.967071e-03	-2.896728e-03	3.044763e-04
## SPAC15E1.02c	3.042101e-03	1.974601e-03	-3.637200e-03	-7.652822e-04
## SPAC15E1.04	9.222919e-04	-1.211654e-03	-5.171247e-05	1.369548e-03
## SPAC15E1.06	2.087950e-04	1.489086e-04	-4.197707e-05	5.292844e-04
## SPAC15E1.07c	6.457893e-05	2.570055e-05	-1.009252e-04	8.992083e-05
## SPAC15E1.08	7.233218e-04	2.139838e-03	-1.192564e-03	1.526564e-03
## SPNCRNA.931	4.321425e-05	1.148883e-05	-1.187052e-05	-5.913074e-05
## SPNCRNA.524	2.967870e-05	4.606690e-06	1.627894e-05	4.382976e-05
## SPAP7G5.03	-2.570212e-05	-6.579976e-04	-1.430230e-03	-2.124994e-04
## SPAP7G5.04c	-1.515022e-02	1.268662e-02	2.569218e-02	-2.970146e-02
## SPNCRNA.933	1.048913e-05	-4.626975e-05	6.046369e-05	-1.409081e-04
## SPAP7G5.06	1.301053e-03	-1.188343e-03	-4.117581e-03	-1.328272e-04
## SPATRNPAPHE.02	-4.238674e-02	-2.529643e-02	3.059915e-02	-1.585096e-02
## SPATRNPAPHE.04	-1.566426e-04	2.570428e-04	-7.011152e-05	-2.892755e-05
## SPATRNPAGLU.03	-6.806337e-03	2.023876e-03	3.170066e-03	1.547798e-03
## SPATRNPAPHE.04	-1.227892e-04	-7.257125e-05	1.773173e-04	-2.516700e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-1.448376e-05	-1.029434e-05	5.318732e-06	2.223883e-07
## SPAP4C9.02	2.028640e-04	8.074078e-05	1.419011e-05	2.227441e-05
## SPNCRNA.936	1.382787e-04	9.682440e-05	-2.798663e-06	-1.147664e-04
## SPAC1556.02c	7.491751e-03	-1.607853e-02	3.694464e-03	1.745865e-02
## SPAC1556.06	8.663096e-05	-6.184742e-05	-5.557269e-04	7.720152e-06
## SPAC1556.07	-1.984361e-03	1.061621e-02	-6.081651e-03	2.644436e-03
## SPAC1556.08c	5.556540e-04	1.589967e-03	-3.434087e-03	2.037213e-03
## SPAC1F12.06c	-8.470512e-05	5.346723e-04	-3.403830e-04	4.451475e-04

## SPAC1F12.08	-1.078276e-04	-3.548010e-06	-6.189561e-04	5.322494e-04
## SPAC1F12.09	-1.587357e-04	8.604815e-04	-2.028378e-03	-3.176126e-04
## SPAC1F12.10c	2.129402e-03	3.743479e-04	5.664425e-03	-2.121213e-03
## SPAC4H3.17	-2.884100e-05	1.790637e-05	-1.671781e-05	-2.193591e-05
## SPAC4H3.02c	5.835055e-04	-5.868156e-04	2.268214e-04	-4.766623e-04
## SPNCRNA.938	-2.654766e-05	1.512439e-05	3.000686e-05	-1.319318e-04
## SPRRNA.17	1.632183e-03	5.303562e-03	5.105746e-04	-1.057230e-03
## SPAC4H3.04c	1.564145e-04	-2.522340e-04	-4.214099e-04	7.887744e-04
## SPAC4H3.05	-3.810378e-05	-7.306590e-04	-9.212067e-04	2.025042e-04
## SPAC4H3.16	-1.341414e-06	1.004921e-04	-7.577146e-04	1.631216e-03
## SPNCRNA.939	-1.812826e-04	-1.586122e-04	-1.867726e-04	-3.253896e-05
## SPAC4H3.07c	5.228188e-04	-1.112972e-04	-5.789844e-04	-1.551703e-03
## SPNCRNA.940	2.889170e-05	4.641107e-05	2.921050e-05	-4.554917e-05
## SPAC4H3.08	1.522065e-03	6.971325e-04	-9.721898e-04	-9.793144e-05
## SPAC4H3.10c	9.482708e-02	-1.390277e-01	1.960765e-03	1.222736e-01
## SPAC4H3.11c	1.545170e-03	4.929379e-04	-1.578411e-04	-1.284483e-03
## SPAC4H3.13	-2.267431e-04	-1.084190e-03	8.124977e-04	8.301408e-04
## SPAC4H3.14c	-8.853813e-05	1.011253e-03	-2.142740e-03	8.718715e-04
## SPAC1071.04c	-3.562806e-05	1.513411e-04	-1.878724e-04	-3.092136e-04
## SPAC1071.07c	8.685159e-03	7.047789e-02	5.476943e-03	4.311824e-02
## SPAC1071.09c	5.905464e-04	-8.962428e-04	7.127077e-04	2.849867e-04
## SPNCRNA.92	-1.772736e-06	2.344855e-06	8.425813e-07	-7.993992e-07
## SPNCRNA.944	-5.763227e-05	-3.854303e-05	1.829203e-04	-1.515645e-04
## SPAC1071.11	5.234973e-04	3.024378e-05	-1.174167e-04	-3.003446e-04
## SPNCRNA.947	1.232965e-04	-4.498267e-05	-1.879291e-04	1.727144e-04
## SPAC926.06c	1.037089e-03	-7.886519e-04	-4.037562e-04	3.919318e-04
## SPAC926.07c	7.863918e-04	-6.689616e-04	2.038507e-04	1.167317e-03
## SPAC926.08c	1.991882e-03	3.225618e-03	1.181277e-03	8.170292e-04
## SPAC323.02c	1.388968e-05	5.073953e-04	-3.164706e-03	-1.377349e-03
## SPAC323.03c	-1.243252e-04	-1.372610e-04	-4.093127e-04	3.436192e-04
## SPAC323.04	-4.686137e-04	-4.233558e-04	-2.050604e-04	-2.498959e-03
## SPAC323.05c	2.243907e-04	2.348156e-05	-8.796751e-04	9.833938e-04
## SPAC323.08	8.817721e-06	-1.655860e-04	-4.171648e-04	3.084123e-04
## SPAC2F3.01	8.423792e-04	-1.559259e-04	-1.041439e-04	-4.799290e-04
## SPAC2F3.17c	2.305683e-04	4.708940e-04	6.090937e-06	-7.496812e-04
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-1.422074e-03	-2.529374e-03	-3.476257e-04	-4.495699e-03
## SPAC2F3.10	1.517711e-03	-1.061140e-03	-7.704076e-04	2.042747e-03
## SPAC2F3.13c	-1.594873e-04	-4.470725e-04	-5.934752e-04	-1.322570e-04
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	2.505399e-04	4.830694e-05	-1.873216e-04	-2.090939e-04
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	1.127800e-03	-1.253665e-05	-4.894821e-04	-5.780976e-04
## SPAC2F3.16	1.405270e-04	4.268778e-04	-5.390386e-04	2.555618e-04
## SPAC11G7.05c	7.100465e-04	-4.769886e-04	-6.230064e-04	1.097063e-03
## SPAC11G7.06c	-2.205377e-05	-1.083405e-04	-8.446791e-04	-4.131893e-04
## SPNCRNA.952	-1.517241e-04	8.349561e-05	-2.928897e-04	-1.200095e-04
## SPAPB18E9.02c	1.068422e-03	-1.967341e-03	-4.291927e-03	-4.334299e-04
## SPNCRNA.953	-4.563410e-04	1.624646e-04	-1.183099e-04	-4.985943e-04
## SPAPB18E9.04c	3.278468e-04	-2.743908e-04	-2.511464e-04	-2.020614e-04
## SPNCRNA.954	2.745670e-05	9.070789e-05	4.514810e-05	4.586891e-04
## SPAPB15E9.06	1.997405e-05	8.597308e-05	8.762229e-07	-2.881674e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC27E2.01	1.085012e-03	1.146051e-03	-1.102831e-03	-2.116046e-04
## SPNCRNA.955	-3.743588e-05	-7.569315e-05	-1.278309e-04	-4.768008e-05
## SPAC27E2.03c	4.254628e-03	2.212681e-03	4.116595e-03	1.077112e-03
## SPAC27E2.11c	9.631931e-07	2.401474e-05	2.078677e-05	2.546971e-05
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	6.329479e-05	-1.194220e-04	7.723282e-05	-1.824405e-05
## SPAC27E2.12	-4.189327e-06	-6.987259e-06	-2.497072e-05	2.299967e-05
## SPAC27E2.06c	9.136064e-04	2.973888e-04	-1.957669e-03	8.428930e-04
## SPAC27E2.07	3.642872e-04	-4.622221e-04	-4.041616e-05	1.957628e-04
## SPAC27E2.08	-4.864740e-06	-7.710909e-06	-1.123051e-05	1.816629e-05
## SPAPJ698.02c	2.548714e-02	-3.034161e-02	2.066240e-02	1.245787e-02
## SPAC19G12.01c	-2.039201e-04	-5.160484e-04	-8.869025e-04	1.455501e-04
## SPAC19G12.03	-1.385141e-04	1.107053e-03	-2.597263e-03	5.338225e-04
## SPNCRNA.956	2.831312e-05	-1.467251e-06	-1.998035e-05	3.797587e-05
## SPAC19G12.05	6.213756e-04	1.328964e-03	-3.104236e-04	-6.597399e-04
## SPAC19G12.10c	1.029412e-02	-3.306761e-02	-4.478640e-02	1.778740e-02
## SPAC19G12.17	4.428444e-05	5.625722e-04	-6.533221e-04	-5.799603e-04
## SPAC19G12.11	-1.050719e-03	-9.229884e-04	1.444359e-04	-1.040756e-03
## SPAC19G12.12	4.026782e-04	1.951202e-04	-1.152813e-03	1.412584e-03
## SPAC19G12.15c	-1.688347e-04	-1.172482e-02	-1.169035e-02	8.428657e-03
## SPAC19G12.16c	1.482341e-02	1.197194e-03	-9.514417e-04	-9.718734e-04
## SPAC23A1.02c	1.395550e-03	-7.574125e-04	1.808224e-03	5.574603e-04
## SPAC23A1.03	-4.054827e-04	9.323039e-03	4.646167e-03	-7.355780e-03
## SPAC23A1.04c	4.894064e-04	-1.742380e-04	-7.712395e-04	-1.947134e-04
## SPAC23A1.05	1.555101e-03	1.408794e-03	-2.013245e-03	-5.525652e-04
## SPAC23A1.06c	1.628620e-03	6.834019e-04	8.224402e-04	2.350265e-04
## SPAC23A1.09	8.547253e-05	4.887299e-04	1.744078e-04	9.907514e-04
## SPNCRNA.957	8.167444e-05	-3.279924e-05	5.583599e-05	-1.002801e-04
## SPAC23A1.11	8.719138e-03	-1.151137e-03	1.038163e-02	-9.909893e-03
## SPAC23A1.12c	5.038704e-03	-8.935262e-03	3.342522e-03	6.555705e-03
## SPNCRNA.958	-8.720148e-05	-2.235333e-05	7.271247e-05	2.621524e-04
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	2.118772e-03	-1.121197e-03	1.149978e-03	1.843672e-03
## SPAC23A1.17	6.726199e-04	-2.149421e-03	-5.840413e-04	4.694446e-04
## SPAC23A1.18c	1.256457e-03	-5.042499e-04	5.617344e-04	8.301939e-04
## SPAC23A1.19c	7.121594e-04	8.744484e-04	-2.131500e-03	-9.550625e-05
## SPAC26H5.02c	-6.010528e-04	-4.485197e-04	-1.588340e-03	-1.895792e-04
## SPAC26H5.03	7.342631e-04	4.665653e-05	-4.746363e-04	1.110625e-03
## SPNCRNA.959	-6.724426e-05	1.168641e-04	1.034272e-04	5.281528e-05
## SPNCRNA.960	-1.298512e-04	-3.534291e-05	-7.869706e-05	-3.443019e-05
## SPAC26H5.05	2.889539e-03	-4.969921e-03	6.493679e-04	1.942550e-03
## SPAC26H5.06	-2.882662e-04	-3.011552e-04	-5.715841e-04	6.073384e-04
## SPNCRNA.963	6.024459e-05	-6.347865e-05	1.226054e-05	4.279362e-05
## SPAC26H5.11	1.982196e-03	-2.491690e-03	-1.717424e-03	1.315540e-03
## SPAC26H5.12	-1.637369e-03	-1.269832e-03	-1.801270e-03	-9.872993e-04
## SPAC26H5.13c	1.516345e-03	-2.838949e-05	-1.012764e-03	-5.969663e-04
## SPAC25B8.01	4.083128e-04	8.200065e-04	-1.659710e-03	1.235972e-03
## SPAC25B8.06c	3.935165e-04	-3.709516e-04	-8.236732e-04	5.634543e-04
## SPAC25B8.08	6.530519e-04	3.772142e-04	-1.769099e-04	-8.500276e-04
## SPNCRNA.966	-2.507265e-06	-1.917046e-04	9.368952e-05	-6.743122e-05
## SPAC25B8.09	-9.812593e-04	-9.034025e-04	1.285828e-04	-5.749854e-04
## SPAC25B8.12c	3.808850e-02	-2.304317e-02	3.329665e-02	2.031760e-02
## SPAC25B8.17	1.161573e-04	6.960260e-05	-1.177525e-03	4.644822e-04
## SPAC25B8.18	-2.088943e-05	2.040086e-04	-2.022901e-04	2.220213e-05

## SPAC25B8.19c	1.296824e-03	-9.967177e-04	3.220835e-04	-1.017070e-03
## SPAC683.03	1.295004e-05	-3.889961e-05	1.317062e-05	-5.257489e-05
## SPNCRNA.969	-4.695945e-05	-3.543365e-05	3.519700e-05	-7.890621e-05
## SPAC683.02c	1.852592e-04	9.804445e-04	-6.350496e-04	1.686726e-03
## SPAC694.02	1.553091e-02	9.546557e-03	3.207705e-03	7.170932e-03
## SPAC694.05c	1.064611e-02	2.415917e-02	1.049159e-02	3.842085e-02
## SPAC694.06c	2.915593e-03	1.152018e-03	-1.521336e-03	-1.403309e-03
## SPAC1F7.01c	-8.409694e-05	-7.865339e-03	-7.946175e-04	1.554971e-03
## SPAC1F7.14c	1.302388e-04	1.779870e-04	-6.545193e-04	3.134921e-04
## SPAC1F7.04	5.292979e-03	-7.648995e-03	-4.084044e-03	5.083999e-03
## SPAC1F7.05	2.373344e-02	-2.196085e-03	2.757800e-03	2.168862e-03
## SPNCRNA.973	1.075670e-05	-1.789665e-04	7.577181e-05	7.092869e-05
## SPNCRNA.243	2.161112e-05	-4.010567e-06	-3.919688e-05	-1.230431e-04
## SPAC1F7.08	-2.348968e-03	-2.215737e-03	-1.163557e-02	-2.502637e-02
## SPAC1F7.09c	-1.239373e-04	2.610466e-04	2.022726e-04	-2.509942e-04
## SPAC1F7.13c	2.021153e-02	-2.688816e-02	5.633179e-03	9.366367e-02
## SPAC21E11.04	-2.746124e-04	-1.535913e-04	3.939740e-04	-8.104605e-04
## SPAC21E11.06	1.429302e-03	1.605556e-03	-4.027674e-03	-1.824660e-03
## SPNCRNA.13	-1.062198e-04	1.227168e-05	1.066872e-05	-3.115819e-05
## SPAC21E11.07	-3.857719e-05	4.855372e-04	-5.841825e-04	-5.284821e-04
## SPAC2C4.03c	2.381907e-04	-2.510031e-04	-6.191131e-04	5.370939e-04
## SPAC2C4.04c	-4.109675e-04	-1.030632e-03	-5.023804e-04	-4.361469e-04
## SPNCRNA.98	1.967042e-01	-9.669651e-03	-6.809377e-02	4.705749e-02
## SPAC2C4.07c	7.036226e-04	-3.040326e-04	-2.481291e-04	2.160466e-04
## SPAC2C4.09	-6.348036e-05	-2.162006e-05	-4.369019e-05	-3.012488e-04
## SPAC2C4.10c	-4.405216e-04	3.978826e-05	-1.345945e-03	1.298371e-05
## SPAC2C4.13	-1.694742e-03	2.627982e-03	-2.861930e-03	-1.825442e-03
## SPAC2C4.17c	6.713499e-03	-9.761911e-03	1.524240e-02	5.433935e-03
## SPAC25G10.02	4.482603e-05	1.937894e-04	-2.768840e-04	-1.550248e-04
## SPAC25G10.03	1.943775e-03	-1.271225e-03	-3.840090e-04	-1.981154e-03
## SPAC25G10.04c	1.244726e-05	2.408029e-04	-1.863056e-04	-1.740536e-04
## SPAC25G10.08	-1.570980e-03	1.922586e-02	-6.181099e-04	1.042464e-02
## SPAC27F1.05c	-1.155732e-06	-6.441849e-05	-5.225841e-04	3.687339e-04
## SPNCRNA.977	-2.979337e-05	-1.987620e-04	-5.995927e-04	-1.553800e-06
## SPAC27F1.10	-5.259113e-06	6.582504e-05	5.817659e-05	-6.945631e-06
## SPNCRNA.978	3.309180e-05	4.997296e-06	1.332081e-05	-2.471575e-04
## SPAC27F1.06c	2.532451e-03	-2.013382e-04	2.869122e-03	-1.134911e-03
## SPAC23D3.04c	-3.324506e-03	-5.657029e-03	-6.414591e-04	-3.501295e-03
## SPAC23D3.05c	2.565454e-04	1.049924e-04	-1.340149e-03	1.113167e-03
## SPAC23D3.06c	1.094313e-03	-5.412054e-03	-8.774975e-06	4.241812e-03
## SPAC23D3.07	-1.114290e-03	-1.859496e-03	-2.920054e-03	1.432796e-03
## SPAC23D3.09	-9.308141e-04	6.097702e-04	-4.075400e-03	1.985565e-03
## SPAC23D3.10c	1.194359e-03	4.658236e-04	-2.162694e-03	5.469683e-04
## SPNCRNA.244	5.399297e-06	-1.909101e-05	-1.093119e-05	5.043951e-05
## SPAC23D3.12	8.400804e-04	-4.157977e-03	-1.407681e-02	-5.273759e-04
## SPAC23D3.16	-6.196632e-04	-3.789559e-04	2.892438e-04	4.105589e-04
## SPAC23D3.13c	4.956684e-04	-7.720534e-04	-4.277207e-03	3.636165e-03
## SPAC23D3.14c	3.857633e-04	-2.436142e-04	-9.085254e-04	6.518192e-04
## SPNCRNA.982	-2.424628e-04	-3.262759e-04	-7.658481e-04	-7.578302e-04
## SPAC1527.01	-2.354585e-03	-1.746062e-03	-3.363233e-03	3.002097e-04
## SPAC1527.02	-1.754989e-04	-3.936980e-04	2.858638e-04	-1.450087e-04
## SPAC1527.03	1.462720e-03	-4.757737e-04	-6.787711e-04	1.090063e-04
## SPAC30.03c	3.300635e-04	1.213307e-03	-2.310538e-04	1.162026e-03
## SPNCRNA.983	-1.416589e-05	-1.999818e-05	-2.603355e-05	5.091972e-05

## SPNCRNA.984	7.411306e-05	6.322694e-05	2.568697e-05	4.081955e-04
## SPNCRNA.246	-5.546856e-06	-7.839818e-07	2.256610e-06	2.390237e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	6.652872e-04	-6.614452e-04	-2.136632e-03	-3.454249e-04
## SPAC29E6.06c	8.524774e-04	5.275741e-03	-1.715071e-03	-8.867956e-04
## SPAC29E6.09	2.576969e-04	3.627484e-04	-1.743602e-03	8.510675e-04
## SPAC29E6.10c	1.531517e-03	6.377696e-04	-2.834759e-03	5.493209e-04
## SPAC16.02c	3.954838e-03	-1.791772e-03	2.121934e-03	-8.997794e-03
## SPNCRNA.247	9.852125e-06	-1.562557e-05	-3.235493e-06	-3.495355e-05
## SPAC16.04	1.496777e-03	-3.872514e-04	-2.548041e-03	-2.100761e-04
## SPNCRNA.99	3.962701e-04	-1.100331e-04	5.881716e-04	7.487752e-05
## SPAC9E9.02	-1.971835e-04	-3.574000e-04	2.514194e-04	1.003859e-03
## SPNCRNA.988	1.979600e-05	-1.392406e-04	3.570684e-05	7.800887e-06
## SPAC9E9.05	4.399721e-04	6.324604e-05	-3.209883e-04	2.453446e-04
## SPAC9E9.06c	2.135750e-03	-9.386382e-03	1.752937e-03	-1.187682e-03
## SPAC9E9.07c	1.093462e-03	-1.390005e-03	-2.753466e-03	-5.155219e-04
## SPAC9E9.08	2.331403e-04	-6.486479e-04	-6.652597e-04	-4.502176e-04
## SPNCRNA.990	-2.278728e-04	6.302286e-06	-1.831939e-04	1.915304e-04
## SPAC9E9.10c	1.713121e-03	9.629831e-04	-1.152947e-03	6.856213e-04
## SPAC9E9.11	-4.645192e-03	-1.283095e-02	-1.334666e-02	-8.059644e-03
## SPAC9E9.12c	1.243084e-03	-1.773917e-05	-9.216190e-04	8.063061e-04
## SPAC9E9.13	-3.733239e-02	-2.034514e-02	-2.362903e-02	-2.237081e-02
## SPAC9E9.14	-3.639989e-04	-3.883807e-04	-1.127020e-03	-1.602385e-03
## SPAC17C9.16c	8.100310e-04	1.570947e-03	-2.765188e-03	-1.836224e-04
## SPAC17C9.15c	-7.505562e-05	-2.700429e-04	-8.949413e-04	-1.127565e-03
## SPAC17C9.13c	1.730394e-03	2.068537e-03	-1.998754e-03	1.660945e-04
## SPAC17C9.12	1.051981e-03	-8.267846e-04	-2.149229e-04	-3.432049e-04
## SPAC17C9.11c	6.212702e-04	-4.996136e-04	-1.167185e-04	4.695767e-04
## SPAC17C9.09c	7.174928e-04	8.277202e-04	2.667287e-05	5.359067e-04
## SPAC17C9.08	-1.122808e-03	6.031951e-04	-1.773042e-03	-1.777101e-03
## SPAC17C9.06	4.788474e-04	1.493009e-03	-2.346299e-03	4.393579e-04
## SPAC17C9.03	2.809898e-02	-2.015571e-02	1.662591e-02	1.058066e-03
## SPAC17C9.02c	-6.494782e-05	-3.490543e-05	-6.997713e-04	1.087307e-03
## SPAC1851.02	5.380867e-04	2.271024e-03	-1.395696e-03	2.019066e-03
## SPAC1851.03	-3.945618e-04	-6.777961e-04	-1.677422e-03	1.946737e-04
## SPNCRNA.992	-8.299373e-05	4.432307e-05	-2.659270e-04	-1.595812e-04
## SPAC27D7.03c	4.525258e-05	-1.554176e-04	-5.302064e-04	-3.326996e-04
## SPAC27D7.04	3.197980e-04	3.838931e-04	-4.851700e-04	7.928333e-05
## SPAC27D7.05c	-4.499184e-04	1.443439e-04	-2.693782e-04	2.474713e-04
## SPAC27D7.07c	8.640129e-05	1.144623e-03	-1.199149e-03	-8.679173e-04
## SPAC27D7.08c	1.784253e-04	4.406194e-04	-5.125099e-04	5.029919e-04
## SPAC27D7.09c	4.401359e-03	-4.834213e-03	-1.360903e-02	7.373278e-03
## SPAC27D7.11c	3.030803e-03	-4.162010e-03	7.518023e-03	1.491658e-03
##	[,13]	[,14]	[,15]	[,16]
## SPAC212.11	1.201190e-04	-1.734868e-04	1.600772e-04	-4.512236e-05
## SPAC212.09c	-5.797567e-04	-1.275628e-04	3.132030e-04	4.073237e-04
## SPNCRNA.70	1.405541e-06	-6.213472e-06	-5.204724e-06	9.458898e-07
## SPAC212.12	4.097756e-05	2.710104e-06	1.989282e-05	1.161319e-07
## SPAC212.04c	3.606865e-04	1.460537e-03	-3.558687e-04	-1.275269e-04
## SPAC212.03	-7.098760e-06	-5.125858e-07	6.033257e-06	7.175852e-06
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	6.189437e-05	-8.251825e-05	-2.902835e-06	-9.168162e-05
## SPAC977.03	-5.671412e-06	-1.274479e-06	1.294019e-05	7.329521e-06
## SPAC977.04	1.953428e-05	-3.208259e-06	-2.916383e-06	-3.584191e-06

## SPAC977.05c	1.491997e-05	-5.392603e-06	-7.910203e-06	5.961572e-06
## SPNCRNA.136	4.511727e-06	-7.483775e-06	-2.291201e-06	7.297290e-06
## SPNCRNA.601	-3.084077e-05	-6.950143e-06	-3.876324e-04	-6.467110e-05
## SPAC977.07c	-3.948985e-06	-7.936563e-06	-1.928591e-05	1.699434e-06
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	2.078009e-04	-1.098692e-04	-1.904478e-04	9.013723e-04
## SPAC977.13c	5.060554e-04	-4.031460e-04	-1.340159e-04	1.190795e-03
## SPAC977.15	4.374782e-04	-3.000356e-04	-4.849113e-05	-4.045559e-04
## SPAC977.16c	1.252479e-03	-5.208724e-04	-2.967434e-04	7.837824e-05
## SPNCRNA.37	-2.351008e-05	-9.064453e-06	2.904899e-05	4.729385e-05
## SPAPJ695.01c	1.437912e-05	-2.698723e-05	3.838299e-05	8.369041e-06
## SPNCRNA.76	1.101383e-05	1.584055e-06	9.516438e-05	-8.296829e-05
## SPNCRNA.603	3.657481e-05	-3.606486e-05	5.156392e-05	-3.884565e-05
## SPNCRNA.607	-1.065846e-05	6.750253e-04	-5.588815e-04	1.504898e-03
## SPAC1F8.06	9.620202e-05	6.765964e-04	-4.409780e-04	2.119505e-03
## SPAC1F8.08	1.185734e-03	-1.945484e-05	-3.232016e-04	1.334272e-03
## SPAC11D3.19	3.232048e-04	-4.890618e-04	-1.391792e-04	3.807390e-05
## SPAC11D3.01c	-5.184040e-03	-2.248914e-03	-1.421500e-03	1.392173e-04
## SPNCRNA.608	1.454043e-04	-4.970657e-04	-6.760165e-04	4.733858e-04
## SPAC11D3.02c	8.480969e-03	1.491188e-03	-1.762153e-03	3.443266e-03
## SPAC11D3.03c	-5.507800e-05	5.058978e-04	-1.511057e-06	5.721281e-05
## SPAC11D3.05	4.191216e-04	3.471336e-03	-1.000096e-03	-5.128432e-03
## SPAC11D3.07c	9.009722e-04	2.923276e-04	-2.359532e-03	7.494672e-03
## SPAC11D3.08c	3.853432e-03	-3.344755e-04	-2.981786e-03	6.521324e-03
## SPAC11D3.11c	-1.003898e-03	1.096305e-04	-2.124156e-03	1.186141e-03
## SPAC11D3.14c	9.994461e-04	2.918766e-05	-2.232042e-03	1.629118e-03
## SPNCRNA.609	-5.110067e-06	-4.584849e-04	-1.370137e-03	2.671203e-03
## SPNCRNA.147	1.338021e-05	1.251499e-05	-5.494990e-05	2.504965e-05
## SPNCRNA.610	-4.466155e-05	-3.005078e-05	-8.201857e-05	2.914024e-05
## SPAC11D3.16c	1.716622e-03	3.957463e-05	-3.959634e-04	2.923565e-03
## SPAC11D3.18c	-5.960344e-06	-1.463302e-04	-3.535113e-04	6.015880e-05
## SPNCRNA.612	-2.991439e-04	-1.739512e-04	-3.508542e-04	1.158704e-03
## SPAC5H10.01	-2.191001e-04	9.767184e-05	-2.277567e-04	-2.579573e-04
## SPAC5H10.03	1.844902e-02	4.099861e-03	-8.116798e-03	-9.716678e-03
## SPAC5H10.04	3.563391e-04	-1.385024e-03	-1.411879e-06	-1.111435e-03
## SPAC5H10.06c	3.854036e-03	5.178507e-04	6.706926e-05	3.452313e-03
## SPAC5H10.08c	2.341673e-03	7.874730e-04	-1.347809e-03	5.218809e-03
## SPAC5H10.09c	5.556972e-04	-1.960719e-03	-2.584258e-04	1.684932e-04
## SPAC5H10.10	6.196321e-03	1.442891e-03	-1.612428e-03	-3.932908e-04
## SPAC5H10.11	9.008321e-05	1.683884e-04	-2.505592e-04	1.389211e-04
## SPAC5H10.12c	1.058764e-03	1.186495e-03	-2.202596e-04	9.977592e-03
## SPAC5H10.13c	3.026829e-03	-1.033538e-03	-3.917026e-03	1.034161e-02
## SPNCRNA.617	2.288235e-04	1.373282e-04	4.768255e-05	3.996311e-04
## SPAC13G6.01c	-4.413922e-03	-5.480557e-04	-1.157446e-03	7.551546e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	-2.157937e-03	8.624859e-04	1.054516e-03	3.444770e-03
## SPNCRNA.618	-4.397152e-05	-4.625154e-04	3.215089e-05	1.742031e-04
## SPNCRNA.620	5.891290e-05	-2.194326e-04	6.996685e-05	5.144426e-05
## SPAC13G6.14	3.838105e-03	7.120333e-04	-3.281330e-03	7.277061e-03
## SPAC13G6.15c	-1.387910e-04	5.612519e-06	-6.915772e-04	8.431216e-04
## SPNCRNA.621	1.744096e-04	-2.813708e-04	-1.549652e-05	5.062608e-04
## SPAC24B11.05	1.593824e-03	3.524784e-04	-9.340038e-04	2.271755e-03
## SPAC24B11.08c	-4.634561e-04	-1.181651e-03	-5.821859e-04	8.897474e-04

## SPNCRNA.142	1.432380e-05	6.255616e-06	-1.885350e-05	3.885916e-05
## SPAC24B11.09	-4.717020e-04	8.189361e-05	-1.534178e-03	-3.659813e-04
## SPAC24B11.11c	-2.068957e-03	-1.539562e-03	4.627568e-04	8.005803e-03
## SPAC24B11.12c	1.024722e-02	-1.435108e-03	-2.521911e-03	1.116441e-02
## SPNCRNA.624	-5.798045e-04	3.019626e-04	-2.949930e-05	-2.819393e-04
## SPAC806.02c	-2.970843e-03	-3.301187e-04	3.969284e-03	-1.487024e-04
## SPNCRNA.625	-1.906859e-04	-2.492152e-04	-7.658580e-05	1.131456e-04
## SPAC806.11	-1.475833e-04	-7.663659e-05	1.355345e-04	-2.467632e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	4.278406e-04	1.332545e-04	4.491565e-04	-3.663278e-05
## SPNCRNA.627	-7.427520e-05	7.888294e-05	7.764050e-05	-7.434463e-05
## SPNCRNA.628	-8.931316e-05	1.257684e-04	-1.664064e-05	-1.558909e-05
## SPAC806.06c	1.970104e-03	-4.207372e-03	-2.132767e-03	5.363628e-03
## SPAC806.07	-4.156819e-03	-4.295740e-03	4.442946e-04	8.420105e-07
## SPNCRNA.630	2.262084e-04	2.352015e-05	-6.891631e-04	3.736649e-04
## SPAC1F5.11c	5.623635e-03	-3.833509e-03	-3.021274e-03	1.207915e-02
## SPNCRNA.632	2.886429e-05	-3.240306e-05	1.930625e-06	2.912137e-05
## SPNCRNA.633	-6.478082e-05	-9.438574e-05	-7.022564e-05	-3.835866e-05
## SPAC1F5.07c	-1.767155e-03	-7.427483e-04	-1.277529e-03	2.860015e-03
## SPAC1F5.04c	1.538933e-03	-1.530102e-03	-4.329381e-03	7.000947e-03
## SPAC1F5.02	-2.537519e-03	7.800973e-04	1.295249e-02	6.054315e-04
## SPNCRNA.148	2.414379e-05	9.760557e-07	1.428757e-05	2.529085e-05
## SPAC18B11.10	3.514933e-03	6.459706e-04	-1.926174e-03	1.374999e-02
## SPNCRNA.27	-4.185383e-06	3.010818e-06	4.896927e-06	-4.011946e-06
## SPNCRNA.635	4.636176e-06	-6.445996e-05	-8.225107e-05	3.080328e-05
## SPAC18B11.09c	3.007755e-05	7.063979e-04	5.408997e-04	6.311643e-04
## SPAC18B11.08c	1.095141e-03	-7.026219e-04	-3.394360e-04	7.390622e-04
## SPAC18B11.07c	6.395010e-04	-1.935742e-03	5.460851e-04	1.685061e-03
## SPAC18B11.04	3.300587e-04	8.533581e-05	-8.715979e-04	9.565360e-04
## SPNCRNA.636	-8.202689e-05	4.466510e-04	-8.303972e-04	9.068384e-04
## SPAC18B11.02c	-6.618901e-04	-1.844032e-03	-1.250706e-03	-5.502016e-05
## SPAC12G12.15	-5.606803e-04	-2.845945e-04	-1.914512e-04	1.223966e-03
## SPNCRNA.637	-1.834100e-05	2.956452e-04	-1.313465e-04	3.452543e-04
## SPAC12G12.14c	-2.763507e-04	1.033677e-03	2.780682e-04	2.717030e-03
## SPNCRNA.638	-4.880751e-05	1.500218e-06	-2.483144e-05	4.873381e-05
## SPAC12G12.10	3.375274e-05	2.201459e-03	-1.593773e-03	6.937177e-03
## SPAC12G12.09	4.478399e-04	1.651804e-04	-1.455836e-03	7.272381e-03
## SPAC12G12.06c	-3.754323e-04	1.676008e-03	2.677206e-03	2.777318e-03
## SPNCRNA.639	1.474690e-05	-7.298270e-06	-4.679583e-05	5.082658e-05
## SPAC12G12.03	2.294049e-03	-1.288983e-03	-1.790486e-03	3.683328e-03
## SPAC630.05	1.222699e-03	-2.104123e-03	-3.972180e-04	5.588621e-03
## SPAC630.15	4.093993e-04	-3.903572e-04	-2.467415e-04	4.740377e-04
## SPATRNAPRO.01	8.003009e-04	-2.065639e-03	7.906466e-04	-3.621055e-04
## SPAC630.11	-1.632860e-03	1.528886e-03	1.900697e-04	2.197895e-03
## SPAC630.12	-1.231825e-03	9.162254e-04	7.390292e-04	3.338620e-03
## SPAC630.13c	-1.083117e-03	-1.049400e-03	-1.797034e-03	4.913681e-03
## SPAC630.14c	-5.605210e-04	-2.270536e-03	-9.885102e-04	8.231655e-03
## SPAC1751.01c	1.414379e-03	-3.781108e-04	-5.291883e-04	1.601184e-04
## SPAC1751.04	1.011589e-04	-6.717067e-04	-1.598704e-03	2.433813e-03
## SPAC1751.02c	1.937836e-04	-1.224646e-03	-1.195163e-04	3.112682e-03
## SPAC31A2.02	1.305645e-03	-6.964437e-04	2.583905e-04	-1.989158e-03
## SPNCRNA.643	-1.286115e-04	-5.749446e-05	8.703652e-05	-1.842399e-04
## SPAC31A2.03	-9.701446e-04	-3.263024e-04	-7.530113e-04	4.321442e-04
## SPAC31A2.04c	-1.026135e-03	-1.480301e-03	8.455634e-04	1.107620e-03

## SPAC31A2.06	9.769088e-04	1.087822e-03	-1.341825e-03	2.804959e-03
## SPAC31A2.07c	-1.447634e-04	-5.246420e-03	2.044362e-03	-5.376995e-04
## SPAC31A2.09c	-9.815111e-05	1.064242e-03	-6.910706e-04	2.074035e-03
## SPAC31A2.11c	1.041632e-04	-1.596181e-03	6.106743e-04	3.591970e-03
## SPAC31A2.12	2.594497e-03	7.231546e-04	-3.219741e-03	4.270809e-03
## SPAC31A2.13c	-1.028978e-03	-2.027446e-03	4.591061e-05	3.122797e-04
## SPAC31A2.14	1.127454e-03	2.952238e-04	-2.065449e-03	5.504700e-03
## SPAC31A2.16	5.098118e-04	7.757801e-04	-2.494446e-03	3.526793e-03
## SPAC13C5.01c	4.903306e-03	-5.844929e-03	2.501967e-03	5.262080e-04
## SPNCRNA.644	-1.404625e-04	-4.179806e-05	-6.362006e-05	-1.125049e-04
## SPAC13C5.04	3.117467e-03	-5.463284e-03	1.019255e-03	1.289089e-02
## SPNCRNA.645	4.796049e-04	-1.538979e-05	-3.292832e-04	4.971919e-04
## SPAC13C5.05c	-1.421305e-03	-2.504178e-03	-4.098363e-05	1.666329e-03
## SPAC13C5.06c	6.464744e-04	-9.740146e-04	1.351637e-03	-2.617056e-05
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	1.938013e-02	-9.592046e-02	1.835678e-02	-7.855976e-02
## SPAC23E2.02	9.250212e-04	-2.189216e-03	-6.362659e-05	3.452068e-03
## SPRRNA.11	-7.717448e-03	-2.317132e-02	1.129473e-03	-6.147781e-03
## SPAC24H6.12c	1.293353e-03	9.175971e-04	6.134956e-04	5.928791e-03
## SPAC24H6.11c	1.422802e-03	1.004978e-03	-4.820067e-03	8.844709e-03
## SPNCRNA.652	-1.266422e-04	-2.290669e-04	-4.332241e-05	8.696136e-04
## SPAC24H6.09	-1.213365e-03	-9.451154e-04	-2.298918e-03	6.571012e-04
## SPAC24H6.07	2.061077e-02	-1.354221e-02	-2.044070e-02	1.704442e-03
## SPAC24H6.06	-6.764883e-04	-1.869505e-03	3.517676e-04	-1.004419e-03
## SPAC24H6.04	1.260694e-03	8.195218e-03	-3.098417e-03	-1.187580e-03
## SPNCRNA.653	-6.471154e-05	1.302396e-04	-1.205531e-04	1.019374e-04
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	-1.895268e-04	-1.579811e-04	-9.500434e-04	4.589305e-04
## SPNCRNA.654	1.756157e-05	5.007229e-05	-1.960183e-04	4.069099e-06
## SPAC24H6.01c	-3.997207e-04	6.017058e-04	-2.232989e-04	1.544090e-03
## SPAC227.19c	-8.029884e-05	-1.085929e-04	3.488994e-04	7.493878e-04
## SPNCRNA.655	7.858164e-04	-2.171294e-04	-1.010443e-03	1.796988e-03
## SPAC227.05	7.624681e-04	-9.103200e-04	-1.155718e-03	2.308332e-03
## SPAC227.06	-1.432072e-04	-1.259909e-03	9.571190e-04	2.097897e-04
## SPAC227.07c	3.215974e-03	-4.554627e-03	-3.945525e-03	4.348268e-03
## SPNCRNA.657	-2.932678e-04	-1.533352e-03	8.898075e-04	8.148215e-04
## SPAC227.08c	6.293351e-07	-8.626383e-04	-2.471936e-04	9.518573e-04
## SPAC227.09	1.187611e-04	6.808070e-05	-1.534535e-04	4.155248e-04
## SPAC227.10	-7.514541e-05	-1.758886e-03	-1.110203e-03	1.621934e-03
## SPAC227.11c	5.160315e-04	3.852693e-05	-7.679594e-04	1.261400e-03
## SPAC227.12	-1.190579e-03	-1.700277e-03	-2.208335e-05	1.932607e-03
## SPAC227.13c	1.534085e-03	1.985184e-03	-5.056570e-04	8.929060e-03
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	-1.192797e-03	-2.533560e-06	1.034310e-03	-7.841452e-04
## SPAC2F7.04	-9.091628e-04	-3.415113e-04	-1.335317e-03	2.954846e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	-4.890660e-05	5.302393e-05	9.619311e-05	2.256097e-04
## SPNCRNA.661	4.257891e-05	-5.780198e-05	2.402846e-04	1.319646e-04
## SPAC2F7.13c	9.208189e-03	-2.781955e-03	9.798231e-04	3.412005e-03
## SPAC2F7.15	-7.494494e-04	-1.615139e-03	-1.593638e-03	4.759704e-03
## SPAC13A11.01c	1.689239e-04	9.156438e-04	7.131568e-04	5.032122e-03

## SPAC13A11.03	3.187882e-03	-3.414057e-03	-2.484016e-03	2.513836e-02
## SPAC13A11.04c	-1.444372e-03	2.748546e-04	-2.667927e-04	1.958470e-03
## SPAC13A11.05	1.974767e-03	-1.150850e-03	6.927203e-04	-5.549693e-03
## SPAC3H8.02	-6.381394e-04	-1.662401e-03	-4.602852e-03	8.813469e-03
## SPAC3H8.03	-5.554996e-04	2.380060e-04	2.354182e-04	-1.389173e-04
## SPNCRNA.663	3.137833e-05	-3.179451e-04	-1.563572e-04	6.554379e-07
## SPAC3H8.04	3.740838e-03	6.872985e-04	3.202958e-04	2.624657e-03
## SPNCRNA.156	4.219252e-05	3.735812e-06	-3.177308e-05	1.839990e-06
## SPAC3H8.08c	-2.959177e-04	2.101629e-04	-8.317078e-04	4.412896e-03
## SPNCRNA.667	-2.788133e-05	9.052811e-05	-1.331390e-05	3.037090e-04
## SPAC3H8.10	4.349733e-03	-4.165064e-03	2.509816e-03	3.805792e-03
## SPAC1F3.01	8.306991e-04	-2.130251e-03	-4.213094e-04	9.035857e-04
## SPAC1F3.02c	-1.634485e-03	-2.653770e-03	-2.134059e-03	4.614312e-03
## SPAC1F3.03	-1.173529e-03	-9.330256e-04	-1.057769e-03	2.037798e-03
## SPAC1F3.04c	-1.540512e-03	-2.356163e-03	-2.185953e-03	1.738652e-03
## SPAC1F3.05	-1.123478e-04	1.966657e-04	-7.608806e-04	2.681627e-03
## SPAC1F3.06c	8.224371e-03	-7.306434e-03	1.735753e-03	7.597995e-03
## SPAC1D4.01	2.602607e-04	1.185834e-04	-9.986231e-04	8.485616e-04
## SPAC1D4.02c	1.432810e-03	-5.859440e-04	-1.120016e-03	2.011931e-03
## SPAC1D4.03c	2.123810e-05	1.820637e-05	-2.140425e-04	1.102457e-03
## SPNCRNA.670	-1.261653e-04	3.138331e-04	1.020079e-04	-1.121030e-04
## SPAC1D4.05c	-1.972066e-04	8.619661e-04	1.277305e-03	2.188278e-03
## SPAC1D4.07c	-9.439418e-05	-6.475327e-05	-1.190839e-04	4.366841e-04
## SPAC1D4.10	-5.646131e-04	-7.212161e-05	-1.360513e-03	3.113136e-03
## SPNCRNA.671	-3.338627e-05	-2.953697e-04	-7.639109e-04	1.069539e-03
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	6.719024e-04	-2.489540e-05	-1.568833e-03	4.054108e-03
## SPAC1D4.14	-1.069715e-03	-4.715811e-03	-2.201986e-03	6.417180e-03
## SPAC22F3.13	-2.617726e-04	-1.998968e-03	-2.288000e-03	2.896537e-03
## SPNCRNA.675	-1.699098e-04	-6.192161e-05	-1.904326e-04	-4.631034e-08
## SPNCRNA.158	2.411681e-05	3.523296e-05	-1.610858e-05	-2.132596e-06
## SPAC22F3.11c	4.769368e-05	-5.049501e-05	-6.042200e-04	4.908309e-04
## SPAC22F3.10c	-7.958171e-04	-5.052070e-03	-3.345864e-04	4.964900e-03
## SPAC22F3.08c	-1.585169e-03	-2.281980e-03	5.608842e-04	-1.338169e-03
## SPAC22F3.07c	1.266466e-03	-4.131276e-04	1.113296e-03	1.641916e-03
## SPAC22F3.05c	-3.875900e-04	-2.019792e-03	-1.204452e-03	2.828066e-03
## SPNCRNA.676	-4.422247e-05	-1.667860e-05	1.432712e-05	5.643508e-05
## SPAC22F3.03c	7.890894e-04	3.454273e-04	-8.907133e-04	1.099414e-03
## SPAC1296.03c	-2.552751e-04	5.836591e-04	-4.706283e-04	-9.672466e-05
## SPAC1296.04	-5.155454e-04	-3.193416e-04	-4.176145e-04	1.809380e-03
## SPAC1296.05c	-1.203662e-03	-7.758506e-04	1.131723e-03	-2.063204e-03
## SPAPJ696.02	-3.854277e-03	-4.568950e-03	6.115835e-04	2.236339e-03
## SPAC22G7.01c	1.744900e-03	-2.536093e-03	1.361269e-03	-9.696066e-04
## SPNCRNA.677	2.702210e-04	-4.446922e-04	2.733952e-05	8.551553e-04
## SPAC22G7.03	-3.703051e-04	5.925886e-05	5.782327e-05	3.991837e-04
## SPNCRNA.678	9.757108e-05	4.143661e-04	-3.598402e-04	1.514342e-04
## SPAC22G7.05	2.220824e-03	-2.842783e-03	1.394802e-04	2.145008e-03
## SPAC22G7.09c	-1.598365e-03	-2.405600e-03	-2.250105e-03	5.853825e-03
## SPAC22G7.10	-1.924915e-04	-1.800191e-03	4.331518e-04	1.611949e-03
## SPAC4G8.02c	7.523903e-04	-3.788585e-03	6.130587e-04	1.498929e-03
## SPAC4G8.03c	4.400216e-04	-4.672463e-04	-7.711832e-04	2.037695e-03
## SPAC4G8.06c	6.689233e-04	-2.106425e-03	6.140604e-04	-6.205514e-04
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-6.162985e-05	-2.225814e-04	-1.913620e-04	-3.210526e-04

## SPAC4G8.11c	-4.621385e-04	-3.977229e-04	4.686045e-04	7.653461e-04
## SPAC4G8.12c	7.858852e-04	-1.666650e-04	-6.756301e-04	1.860412e-03
## SPAC4G8.13c	9.028822e-04	7.003006e-04	-2.997645e-03	7.297521e-03
## SPAC16C9.05	3.815809e-04	1.382025e-03	-2.520010e-03	4.449489e-03
## SPAC2G11.02	7.406503e-04	8.448279e-04	-5.334437e-03	6.022315e-03
## SPAC2G11.03c	-8.468259e-04	5.192977e-04	-1.719132e-03	1.785533e-03
## SPAC2G11.06	3.905818e-04	-1.704910e-04	-9.423298e-04	1.273076e-03
## SPNCRNA.688	-1.853187e-04	7.195741e-05	-5.858821e-04	-3.201066e-04
## SPAC2G11.07c	3.890239e-03	-1.779538e-03	-1.059199e-03	-2.791638e-03
## SPAC2G11.09	1.815165e-03	1.372591e-03	-3.484447e-03	6.819891e-03
## SPAC2G11.12	2.109730e-04	-1.276565e-03	-2.732797e-03	1.058865e-02
## SPNCRNA.691	4.546571e-05	4.561144e-05	-1.005908e-04	2.326332e-05
## SPNCRNA.692	2.025397e-04	2.827869e-04	-4.549567e-04	1.166237e-04
## SPAC521.02	-9.973710e-04	-2.497183e-03	-5.693064e-04	3.098533e-03
## SPAC521.03	2.211452e-03	1.383872e-02	-1.332751e-02	6.862608e-03
## SPAC521.05	3.248254e-02	-5.235935e-03	-1.142464e-02	3.983274e-02
## SPAC23G3.01	-8.021824e-03	-1.419000e-02	7.331788e-03	2.876039e-03
## SPNCRNA.694	6.296976e-05	-1.342900e-04	-1.112313e-05	6.581020e-05
## SPAC23G3.04	-2.560420e-04	-6.769602e-04	-3.652684e-04	1.399113e-03
## SPAC23G3.06	1.451468e-02	-9.036461e-03	3.023797e-03	5.542577e-03
## SPAC23G3.07c	8.658284e-04	-3.869429e-04	-3.915384e-04	2.265748e-03
## SPAC23G3.08c	-5.903984e-04	4.771890e-04	-1.803153e-03	4.924423e-03
## SPAC23G3.10c	9.211621e-04	1.316089e-04	-1.413469e-03	5.617795e-03
## SPAC22H12.01c	2.087463e-03	-2.960110e-03	4.783715e-04	2.220559e-03
## SPAC22H12.02	2.729283e-03	-4.416953e-03	-3.902623e-03	4.850284e-03
## SPAC22H12.05c	2.989977e-04	-1.558982e-03	-4.816278e-04	-2.818830e-04
## SPAC1687.01	-1.763120e-03	2.385970e-04	-2.186222e-03	-2.270496e-03
## SPAC1687.04	-3.179931e-04	-9.472372e-04	-1.236075e-04	1.418818e-03
## SPAC1687.05	1.179594e-03	-5.355118e-04	-1.045100e-03	6.780284e-03
## SPAC1687.06c	6.566174e-03	-4.398458e-03	-2.095121e-03	9.180404e-03
## SPNCRNA.696	-1.846906e-04	-1.980518e-04	-6.110402e-05	4.344248e-05
## SPAC1687.11	-2.929535e-04	-1.040938e-02	4.451947e-03	-7.267574e-03
## SPAC1687.12c	-1.695851e-04	-1.397974e-03	2.027301e-03	-9.595295e-04
## SPAC1687.14c	1.397027e-03	8.457238e-04	9.599224e-05	-1.000510e-04
## SPAC1687.16c	1.078092e-03	-2.714214e-05	-3.736767e-04	9.570022e-04
## SPNCRNA.160	4.220682e-06	4.349765e-05	-1.826736e-05	4.745055e-05
## SPATRNAALA.01	-3.695752e-05	1.851265e-04	2.983192e-04	-9.279612e-04
## SPAC1687.17c	-8.253555e-05	-9.139483e-04	-2.280794e-04	-1.622716e-04
## SPAC1687.18c	-3.217187e-04	1.794369e-04	1.249460e-03	1.889643e-03
## SPAC1687.19c	-4.202940e-03	-3.193024e-03	2.497891e-04	-7.074287e-05
## SPAC1687.20c	-6.006826e-04	1.887189e-05	1.235065e-03	-5.948231e-04
## SPAC222.03c	2.724834e-05	-1.853290e-03	1.756253e-03	2.714009e-03
## SPAC222.19	2.704471e-04	-5.537823e-04	7.198607e-05	7.409394e-04
## SPAC222.04c	6.285992e-04	-1.750720e-03	7.052852e-04	2.894996e-03
## SPAC222.06	-2.101463e-04	-5.294249e-03	1.307888e-03	-7.909902e-04
## SPAC222.07c	5.838455e-04	-8.304385e-04	-1.668603e-03	5.334919e-03
## SPAC222.08c	1.750890e-03	-1.697218e-03	-8.054109e-04	2.998438e-03
## SPSNRNA.02	-5.971108e-02	1.998376e-01	-4.304159e-02	1.470502e-01
## SPAC222.17	-6.515318e-04	-9.574699e-04	1.281817e-04	-5.193055e-04
## SPNCRNA.701	-2.390534e-04	-4.422182e-04	2.227987e-04	-2.175526e-06
## SPAC222.15	1.539586e-04	8.132609e-05	4.717700e-05	1.644020e-04
## SPAC222.18	-9.540213e-04	1.682425e-04	-2.112225e-04	3.306271e-04
## SPAC222.16c	-5.703059e-05	-3.923167e-04	6.952263e-04	9.513455e-04
## SPAC821.05	3.829854e-03	-8.250923e-04	5.141962e-03	-6.560208e-03

## SPNCRNA.702	-1.125104e-04	-2.157157e-04	-1.530307e-04	-2.623575e-05
## SPAC821.06	-1.495941e-03	-1.958331e-03	-1.071738e-04	-1.586367e-03
## SPNCRNA.703	-2.110059e-04	1.815886e-04	-3.568034e-04	1.032681e-03
## SPAC821.08c	-9.985568e-03	-1.318425e-03	3.377169e-03	2.186225e-02
## SPAC821.09	-1.596040e-02	9.978102e-04	1.483087e-02	4.462822e-02
## SPAC821.10c	2.080811e-02	-1.508865e-02	1.010364e-02	6.340488e-02
## SPAC821.12	4.013761e-05	-3.789148e-03	-9.283334e-04	-3.003488e-04
## SPNCRNA.220	-4.802000e-05	-4.533284e-06	-1.759735e-05	6.835747e-05
## SPAC139.01c	1.653627e-03	-3.200065e-04	-4.029440e-04	1.096603e-03
## SPNCRNA.704	-4.624376e-04	-1.744144e-04	-2.709520e-04	9.012194e-04
## SPAC139.02c	5.536970e-03	1.871493e-03	-3.239324e-04	1.048187e-03
## SPAC23C4.03	-2.991012e-03	-2.955938e-03	5.545569e-04	8.977363e-03
## SPAC23C4.05c	1.389074e-03	-3.027661e-03	-4.790373e-03	4.686060e-03
## SPAC23C4.06c	8.352931e-04	9.919966e-04	-2.136273e-03	1.500332e-03
## SPAC23C4.09c	2.224327e-03	-7.467942e-04	-1.829577e-03	7.135933e-05
## SPAC23C4.10	7.242442e-04	-9.810788e-04	-8.511974e-05	2.242891e-03
## SPAC23C4.11	-3.057536e-04	-1.311307e-03	-9.079205e-05	4.972633e-03
## SPAC23C4.13	-3.991313e-04	-9.779255e-04	1.986715e-03	-2.095462e-03
## SPAC23C4.14	-1.424206e-04	-1.535208e-03	-1.072716e-04	1.419472e-03
## SPAC23C4.15	8.846672e-04	-2.077483e-03	-1.934111e-03	6.898790e-03
## SPAC23C4.17	-1.951794e-03	-1.817030e-03	-9.911227e-04	1.459076e-03
## SPAC23C4.18c	8.362278e-04	-9.501149e-04	-3.336026e-04	3.922449e-03
## SPAC1A6.01c	-7.361793e-04	-1.988043e-03	1.706277e-04	1.477176e-03
## SPAC1A6.02	3.754484e-04	2.248830e-04	-1.198190e-04	3.458216e-03
## SPAC1A6.03c	-1.917933e-03	-1.596010e-03	-4.654896e-03	1.676657e-02
## SPAC1A6.04c	-2.137657e-02	3.431589e-03	-8.427553e-03	1.078293e-03
## SPNCRNA.710	2.759293e-04	-4.849872e-06	-2.700379e-04	2.300936e-04
## SPAC1A6.06c	2.053314e-04	-5.843629e-05	-2.507676e-04	1.056896e-04
## SPAC1A6.08c	-2.759691e-04	-2.410489e-04	-3.554544e-04	-3.586255e-04
## SPAC30D11.14c	-1.883177e-03	-1.868756e-03	-8.887234e-04	2.628726e-03
## SPATRNASER.01	2.268991e-03	-4.223865e-04	-3.448621e-03	4.850445e-03
## SPATRNAMET.01	-2.221640e-04	2.901281e-04	-3.486566e-04	8.474136e-05
## SPNCRNA.711	-3.335519e-04	-2.231316e-04	2.639892e-04	-3.304773e-04
## SPAC30D11.07	3.985902e-05	-4.495386e-04	-8.709137e-04	1.204383e-03
## SPAC30D11.06c	-4.858692e-04	6.253720e-04	-5.031153e-04	6.911116e-04
## SPAC30D11.05	-1.297625e-03	7.059900e-04	-1.666932e-03	1.516812e-03
## SPAC30D11.02c	1.969019e-04	6.583046e-05	5.750506e-05	-2.105303e-04
## SPAC56F8.02	-1.084580e-03	-3.109366e-03	-1.156708e-03	4.272929e-03
## SPAC56F8.04c	-2.268612e-04	-6.118691e-04	-1.527715e-04	-1.206298e-03
## SPAC56F8.06c	3.910176e-04	-1.056561e-04	-6.143011e-04	2.807257e-03
## SPAC56F8.09	-3.033667e-04	7.805012e-04	-1.867750e-03	1.097889e-03
## SPNCRNA.716	7.364498e-04	1.455920e-04	-1.123872e-03	1.540185e-03
## SPAC56F8.12	-1.082907e-04	-1.252513e-04	-8.942760e-05	-3.009717e-04
## SPAC56F8.16	1.284395e-03	-4.479286e-04	-1.308001e-03	9.127572e-03
## SPAC22A12.02c	-1.330832e-04	1.131122e-05	3.931769e-05	-2.216503e-05
## SPAC22A12.04c	-3.473269e-04	-1.409839e-02	-9.910229e-03	7.190282e-04
## SPNCRNA.717	-3.576401e-06	2.551477e-05	1.389768e-04	2.240807e-05
## SPAC22A12.07c	-7.442511e-03	1.100746e-03	1.700940e-03	8.401046e-03
## SPAC22A12.08c	-3.088660e-03	-3.491602e-03	4.361258e-03	2.481438e-03
## SPAC22A12.10	-2.969165e-03	9.529182e-04	3.127694e-03	-1.818344e-03
## SPAC22A12.09c	6.329490e-04	-3.905995e-04	-5.178471e-04	1.170184e-03
## SPAC22A12.11	-1.102781e-02	-3.664456e-03	-4.577323e-03	7.134855e-03
## SPAC22A12.12c	-1.712879e-03	-7.735523e-04	-8.263840e-04	6.277783e-04
## SPAC22A12.14c	-3.413459e-04	-6.615078e-04	4.730334e-04	-5.456014e-04

## SPNCRNA.719	-2.614974e-05	1.814077e-05	2.795090e-05	6.913975e-05
## SPAC22A12.17c	1.455350e-02	-2.492355e-02	-2.808667e-02	7.731911e-02
## SPNCRNA.168	-5.465455e-05	7.467521e-05	2.033942e-05	-1.173220e-04
## SPNCRNA.720	-4.796383e-05	3.968113e-04	-5.111381e-04	3.664277e-04
## SPNCRNA.721	5.481830e-04	-1.967307e-04	1.516994e-04	2.550502e-04
## SPAC4C5.02c	6.642201e-04	-3.947418e-04	5.064331e-04	9.499557e-04
## SPAC4C5.03	1.063990e-03	-1.829612e-03	-9.806956e-04	2.278218e-03
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	2.836145e-02	-1.365073e-02	4.256269e-03	-2.514952e-03
## SPNCRNA.724	-1.279112e-04	1.046513e-03	-6.114089e-04	6.165613e-04
## SPAC10F6.02c	-2.854318e-03	-1.786014e-03	-1.334011e-03	3.177898e-03
## SPAC10F6.05c	-6.791759e-04	1.498571e-03	8.344136e-04	6.361503e-04
## SPNCRNA.725	-2.236564e-04	9.944694e-04	-8.237070e-04	3.231555e-05
## SPAC10F6.10	-3.754364e-04	-8.844123e-04	1.663553e-03	-3.293362e-04
## SPNCRNA.726	-3.696031e-04	2.179704e-04	9.016489e-05	2.503227e-04
## SPAC10F6.15	6.508978e-05	4.951901e-04	2.734177e-04	-4.016325e-05
## SPNCRNA.432	-3.011025e-05	-1.691854e-05	1.119359e-04	-8.653745e-05
## SPAC10F6.17c	2.140157e-04	1.487094e-03	-9.715760e-04	2.114911e-03
## SPAC56E4.03	-4.287609e-03	7.726984e-04	-6.485930e-03	1.684257e-03
## SPAC56E4.07	1.644861e-03	-1.024205e-03	-8.690137e-04	2.194182e-03
## SPNCRNA.730	4.108988e-06	1.651772e-04	-8.880064e-05	2.537731e-04
## SPAC1420.02c	8.879245e-03	-5.896213e-03	2.177752e-03	-4.979139e-03
## SPAC1420.03	1.669901e-03	5.625628e-04	2.100475e-03	-4.602775e-04
## SPAC1420.04c	-1.803945e-05	-3.073755e-05	1.034489e-04	4.873805e-05
## SPNCRNA.731	-8.222285e-05	-4.174000e-05	6.094966e-05	-8.587002e-05
## SPAPB17E12.02	9.954989e-05	2.143852e-04	2.911929e-04	3.804497e-04
## SPAPB17E12.03	-5.132361e-04	7.078839e-04	-9.790107e-04	3.202271e-03
## SPAPB17E12.05	2.182089e-02	-6.239299e-03	7.720046e-03	5.404626e-03
## SPAPB17E12.11	-1.967055e-03	-2.904279e-03	-2.432199e-04	2.220527e-03
## SPNCRNA.732	1.548681e-04	1.350661e-04	9.333422e-06	2.450000e-04
## SPNCRNA.733	-2.267698e-05	-1.424834e-04	-3.435015e-04	3.819331e-04
## SPAC1565.03	3.682516e-04	7.628361e-05	-4.284356e-04	2.123646e-04
## SPAC1565.05	-1.047514e-03	4.578775e-04	-2.906504e-03	3.831084e-03
## SPAC1565.06c	5.099165e-04	-1.179644e-03	1.230525e-03	-1.189496e-03
## SPAC1565.07c	-7.792438e-04	-1.993527e-03	-2.397055e-03	4.240446e-03
## SPATRNPAPRO.02	-5.694509e-02	-2.648815e-01	1.351817e-01	4.176505e-02
## SPSNORNA.53	3.592777e-03	-1.552621e-02	-7.431962e-03	5.352536e-03
## SPAC6F12.06	3.319069e-03	-5.730062e-04	-2.445136e-03	-6.181113e-06
## SPAC6F12.07	8.349987e-07	-1.291833e-03	-9.425122e-04	-1.618395e-05
## SPAC6F12.08c	4.630071e-04	-4.387837e-04	-1.772885e-03	2.533383e-03
## SPAC6F12.09	1.152304e-03	-1.013880e-03	-9.876501e-04	5.101233e-03
## SPAC6F12.12	-6.210781e-04	1.813267e-04	-3.951812e-04	3.046220e-03
## SPAC6F12.13c	1.335770e-03	-5.717025e-03	-8.851334e-04	8.920898e-04
## SPAC6F12.15c	1.784803e-03	-8.714476e-04	-9.037300e-04	3.907556e-03
## SPAC19E9.01c	-1.444088e-03	1.535561e-03	4.540185e-04	2.191605e-03
## SPAC19E9.02	-1.253264e-03	-1.894551e-03	5.697089e-04	1.224083e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	2.190703e-04	6.934731e-05	-7.394228e-05	3.659100e-05
## SPAC19E9.03	3.115818e-03	4.473725e-03	-6.704492e-03	1.106837e-02
## SPAC57A10.03	6.530520e-04	6.553048e-04	-4.679035e-04	8.763567e-04
## SPAC57A10.05c	1.744492e-03	-4.711513e-04	-1.304486e-03	4.851836e-03
## SPAC57A10.06	6.955277e-05	-2.063633e-04	-5.513370e-05	1.981716e-04
## SPAC57A10.07	-5.977143e-04	-1.287734e-04	-1.605240e-03	3.505628e-03

## SPAC57A10.08c	-2.268062e-04	-1.093071e-04	5.911587e-05	-2.960026e-04
## SPAC57A10.09c	-1.561588e-05	-5.376712e-03	9.806693e-05	-4.845608e-03
## SPAC57A10.12c	-4.817995e-03	-7.956269e-03	1.974691e-03	-5.834906e-03
## SPAC20G8.04c	1.269350e-03	-5.567858e-03	-4.713312e-03	3.299498e-03
## SPAC20G8.05c	-6.647627e-03	-2.552711e-03	4.503063e-03	6.104451e-03
## SPAC20G8.06	-3.032786e-03	-7.888326e-04	-8.855521e-03	2.595438e-02
## SPAC20G8.08c	-2.460589e-03	-8.131849e-04	-2.189848e-03	5.508364e-03
## SPAC20G8.09c	5.384814e-04	-6.534084e-03	9.672668e-04	-3.032179e-03
## SPAC20G8.10c	-2.390740e-05	1.524643e-04	-7.897394e-05	7.716862e-04
## SPAC3A12.04c	-5.892248e-04	-8.611829e-04	-1.208394e-03	6.830114e-04
## SPAC3A12.19	1.735459e-04	-2.489035e-04	-5.313150e-04	-6.210150e-04
## SPAC3A12.07	-7.313613e-04	-6.498140e-04	-1.822961e-03	2.467328e-03
## SPNCRNA.741	-1.197369e-04	-1.153247e-04	4.232789e-05	-1.068897e-04
## SPAC3A12.11c	-5.332982e-04	-4.010287e-03	-8.280045e-04	6.955945e-03
## SPAC3A12.14	-3.318135e-03	-4.954591e-04	4.042003e-03	3.560627e-03
## SPAC3A12.15	-1.133329e-03	-1.773566e-03	-3.520464e-03	5.355208e-03
## SPSNORNA.48	-5.623125e-06	1.632399e-05	-1.738024e-05	2.314675e-05
## SPAC3A12.18	-1.540563e-02	-2.521939e-03	-2.679669e-03	5.481424e-03
## SPAC9.03c	-4.586684e-03	-9.852100e-04	-7.548527e-04	7.194896e-03
## SPAC9.05	-3.313869e-04	-8.202238e-04	1.162411e-04	2.571410e-03
## SPAC9.06c	4.289526e-04	-9.262975e-04	6.699098e-04	4.444671e-04
## SPAC9.08c	6.989611e-04	1.021521e-03	-1.440236e-03	2.701390e-03
## SPAC9.09	7.554534e-02	1.577525e-03	-1.116604e-02	8.815466e-03
## SPNCRNA.743	1.951289e-04	3.156814e-07	-2.510029e-04	5.899407e-04
## SPAC9.10	1.247348e-03	-1.415731e-04	-1.370065e-03	3.591599e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	1.132478e-03	-1.982967e-03	1.144965e-04	3.223570e-03
## SPAC5D6.10c	1.713421e-05	7.195707e-05	-2.907456e-05	-2.865513e-05
## SPAC5D6.09c	2.672434e-04	2.791465e-04	4.767437e-05	1.616304e-03
## SPAC5D6.07c	3.000157e-04	-1.096642e-04	-4.840665e-04	8.527236e-04
## SPAC5D6.04	1.295737e-03	-2.260788e-03	-1.217305e-03	4.690893e-03
## SPAC5D6.02c	-2.477994e-04	-4.058336e-04	-3.361455e-04	8.596279e-04
## SPAC57A7.10c	-1.083171e-03	-5.340761e-03	2.852166e-03	-2.884048e-03
## SPNCRNA.174	3.828565e-05	1.910212e-05	-7.527135e-05	5.202509e-05
## SPAC57A7.08	-1.572060e-03	-5.512369e-03	-2.408749e-03	4.102098e-03
## SPAC57A7.06	2.378146e-04	-4.525564e-03	-5.126346e-03	5.496353e-03
## SPAC57A7.04c	2.221905e-02	-6.917678e-03	-3.437674e-03	2.045597e-02
## SPAC167.07c	1.782272e-03	-1.223365e-03	-2.996851e-03	6.127958e-03
## SPAC167.05	2.710256e-04	-1.130782e-03	-9.229361e-04	1.618866e-03
## SPAC167.04	-5.260714e-04	7.756208e-04	-8.908104e-04	1.084842e-03
## SPAC167.09	-1.904627e-04	-2.660055e-04	-1.385715e-04	4.758049e-04
## SPAC167.08	4.460594e-05	-2.799102e-05	-1.733392e-05	-3.795693e-05
## SPAC1705.03c	-2.072624e-02	-3.883409e-03	2.049424e-02	1.717705e-02
## SPNCRNA.80	-1.905541e-05	-2.074853e-06	6.575273e-05	9.016938e-06
## SPNCRNA.745	4.807039e-05	8.724488e-05	-1.752505e-04	1.245623e-04
## SPNCRNA.81	-3.247558e-06	1.039741e-06	2.400781e-07	3.631887e-06
## SPAC23H4.17c	-2.894531e-04	-5.110722e-05	5.379704e-04	1.530413e-03
## SPAC23H4.16c	8.328622e-04	2.274730e-04	-1.441657e-03	1.525286e-03
## SPAC23H4.15	8.112589e-04	-3.885580e-03	1.198394e-03	-4.080585e-03
## SPAC23H4.21	-7.269481e-04	-4.615755e-05	-1.772708e-04	5.019741e-04
## SPAC23H4.13c	-5.484223e-04	-5.810202e-04	3.045503e-04	1.989556e-03
## SPAC23H4.12	3.202653e-04	-2.757080e-03	-1.908148e-04	8.203702e-04
## SPAC23H4.08	1.049225e-03	-6.735408e-04	1.426644e-03	-1.237763e-04
## SPAC23H4.07c	7.425210e-04	-6.128629e-04	8.113214e-04	2.414857e-03

## SPAC23H4.05c	1.820854e-04	8.649441e-05	-1.407476e-04	3.211170e-05
## SPNCRNA.746	5.663768e-05	8.415397e-05	3.547884e-05	1.794333e-04
## SPAC23H4.04	3.344797e-04	-8.993155e-04	-1.722466e-03	3.397440e-03
## SPATRNATHR.01	6.632332e-03	-9.343708e-03	2.778366e-03	-2.003107e-02
## SPNCRNA.747	-1.816531e-04	-3.662189e-04	-3.974979e-05	1.035640e-04
## SPAP27G11.03	-8.265525e-05	-5.528301e-04	3.366621e-04	5.181964e-04
## SPAP27G11.05c	7.850598e-04	-3.125780e-04	-1.633979e-03	2.875728e-03
## SPNCRNA.749	-2.658842e-05	-2.199219e-04	2.632594e-04	-9.179814e-05
## SPAP27G11.09c	-9.604095e-05	1.955498e-04	-9.231131e-04	2.126340e-03
## SPAP27G11.14c	4.567879e-04	-5.553603e-04	2.257687e-04	1.936481e-03
## SPAP27G11.15	-5.656447e-04	1.127306e-03	-1.351454e-04	1.267644e-03
## SPAC343.01c	5.254277e-04	-2.699605e-03	-2.785169e-04	2.544874e-03
## SPAC343.03	-3.374540e-04	-5.615350e-04	-2.270939e-04	2.255996e-04
## SPAC343.04c	-2.225527e-05	-2.021828e-03	-5.715291e-04	1.098931e-03
## SPAC343.05	3.155038e-03	-3.972294e-03	1.435728e-03	-7.977864e-04
## SPAC343.08c	1.778674e-03	-1.040874e-03	-1.506124e-03	4.492582e-03
## SPAC343.07	-6.771713e-05	5.007242e-05	4.950467e-06	8.907072e-05
## SPNCRNA.752	3.556229e-04	5.824619e-04	-4.999113e-04	3.117151e-04
## SPAC343.10	1.606152e-03	-1.783549e-03	-1.547151e-03	4.068276e-03
## SPAC343.11c	-7.712758e-04	-6.275648e-04	-1.786839e-03	5.190197e-03
## SPAC343.20	-2.859271e-03	-3.069528e-03	1.114680e-03	-6.399233e-03
## SPAC343.17c	2.196453e-03	-8.518979e-04	-1.318780e-03	3.343810e-03
## SPAC343.15	2.258052e-04	-7.069103e-04	-1.721870e-04	6.373996e-05
## SPNCRNA.754	-1.652091e-06	-2.317053e-06	-2.355363e-06	1.237343e-06
## SPAC824.04	-8.435979e-04	-5.992177e-04	-9.741080e-05	4.555627e-03
## SPAC824.05	2.024955e-03	6.233373e-04	-7.790936e-04	2.765471e-03
## SPAC824.07	-1.545092e-03	-3.462561e-03	7.666293e-04	6.149586e-03
## SPAC824.08	2.656732e-04	9.049065e-05	-4.413189e-04	3.175892e-03
## SPATRNALYS.01	-1.402371e-03	6.757139e-05	9.141999e-04	1.967230e-03
## SPAC664.03	-1.674751e-03	-3.738205e-03	3.001410e-03	-3.861518e-04
## SPAC664.04c	1.553305e-02	-1.110696e-03	-2.342632e-03	1.113780e-02
## SPAC664.07c	-2.425931e-04	-2.107292e-04	-1.185006e-03	2.633915e-03
## SPAC664.08c	-4.779121e-03	-4.092578e-03	1.393712e-03	-4.633161e-03
## SPAC664.09	-4.677504e-04	-4.243311e-03	-2.144887e-03	5.015298e-03
## SPAC664.10	1.111000e-03	-2.350330e-03	-2.507739e-03	7.207102e-03
## SPAC664.11	4.687484e-02	-5.324046e-04	-2.102923e-02	-3.031557e-02
## SPAC664.12c	-2.625672e-04	-8.620801e-04	-7.749778e-04	2.762510e-03
## SPAC664.14	2.567074e-03	5.349558e-03	-2.191963e-03	6.484545e-04
## SPNCRNA.758	1.928217e-05	-4.036265e-05	-1.040079e-04	4.943414e-05
## SPACUNK12.02c	-4.168273e-04	-1.326218e-03	-6.731557e-04	1.273131e-03
## SPAC105.01c	-3.971397e-05	5.675341e-04	-7.924213e-04	4.912261e-04
## SPAC17A5.18c	6.320999e-04	-3.904046e-04	1.645028e-04	3.342628e-04
## SPAC17A5.02c	3.799517e-04	-9.799092e-04	-2.688514e-04	1.893639e-03
## SPAC17A5.03	5.527660e-03	-5.505044e-03	2.730947e-03	-2.029264e-03
## SPAC17A5.04c	-7.276348e-04	-6.764690e-04	-9.752839e-04	2.815657e-03
## SPAC17A5.19	-4.635766e-04	-3.330933e-04	7.065103e-05	3.585440e-04
## SPAC17A5.06	8.079438e-04	5.182275e-04	-2.069216e-03	5.631866e-03
## SPAC17A5.08	1.446477e-03	-3.723537e-04	2.199835e-03	2.308688e-03
## SPAC17A5.10	7.609851e-04	-6.049549e-04	-2.640058e-04	4.635452e-04
## SPAC17A5.11	-6.576420e-06	-1.221520e-04	-1.230389e-04	2.556508e-04
## SPAC17A5.12	4.930344e-04	-2.540784e-03	-1.816508e-03	3.496599e-03
## SPAC17A5.14	1.066073e-03	-6.927855e-03	-2.558178e-03	6.389915e-03
## SPAC17A5.16	-1.749742e-03	-3.567839e-04	-7.964452e-05	9.574155e-04
## SPAC1610.01	3.197326e-04	8.309871e-05	-4.463300e-04	7.647470e-04

## SPAC1610.02c	-9.327339e-04	-3.238960e-04	-1.633295e-03	1.735586e-03
## SPAC1610.03c	-1.633415e-04	2.647155e-04	-1.393610e-05	-2.569449e-04
## SPAC1610.04	-1.000275e-03	-2.616133e-04	-4.203412e-05	1.544549e-03
## SPAC1002.02	5.687078e-05	-4.593638e-05	-4.801992e-04	1.770983e-03
## SPAC1002.03c	-1.330928e-03	4.591006e-04	5.027331e-04	4.782223e-03
## SPAC1002.04c	1.350761e-03	-7.866910e-04	-1.744830e-03	4.114016e-03
## SPAC1002.05c	2.444496e-04	-9.035680e-04	-1.809932e-04	3.202748e-03
## SPAC1002.09c	1.620675e-02	2.447949e-03	-6.516757e-03	-8.663558e-03
## SPAC1002.12c	4.555323e-03	-1.193543e-03	5.480373e-04	1.243298e-03
## SPAC1002.20	-1.837964e-04	3.667892e-04	2.749143e-06	-1.461732e-03
## SPAC1002.19	-8.010949e-03	2.031844e-02	-1.900800e-02	-3.043000e-04
## SPAC1399.04c	1.916830e-03	1.956726e-03	-1.269002e-03	2.736216e-03
## SPAC1399.03	2.448372e-03	-5.657560e-04	-2.920906e-03	5.290130e-03
## SPAC1399.01c	-2.526673e-04	5.947474e-04	-5.844800e-04	2.133479e-03
## SPAP11E10.02c	3.816499e-04	-1.104877e-04	-3.922791e-04	1.392602e-03
## SPAPB1A10.02	5.183018e-04	-2.860584e-04	3.901112e-05	9.380336e-04
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	5.505778e-04	-3.596837e-03	2.646888e-03	7.787128e-05
## SPAPB1A10.07c	1.782115e-03	1.433233e-03	-1.227201e-03	4.033175e-03
## SPNCRNA.767	-4.228211e-04	1.829807e-04	1.254439e-04	-2.203256e-04
## SPNCRNA.768	4.841938e-04	-1.735958e-04	1.395638e-04	5.227571e-04
## SPAPB1A10.08	3.855894e-05	-3.265146e-04	-1.263060e-04	-1.997174e-04
## SPAPB1A10.10c	-3.059063e-04	8.213715e-06	-1.738196e-03	2.609113e-03
## SPAPB1A10.11c	-2.503761e-04	2.163345e-06	6.146774e-04	1.033116e-03
## SPAPB1A10.12c	-3.242426e-03	-9.078341e-05	9.158167e-04	-3.563616e-04
## SPNCRNA.769	-2.284082e-04	-4.733709e-04	4.876707e-05	2.146852e-04
## SPNCRNA.770	4.541034e-05	3.499755e-05	4.552448e-05	-1.661968e-04
## SPAC140.02	-1.001174e-02	2.641558e-03	4.221277e-02	-6.965378e-02
## SPNCRNA.771	1.513829e-04	8.381312e-04	-1.187666e-04	5.880796e-04
## SPAC140.04	6.948127e-04	-5.818551e-04	-5.036373e-04	6.513278e-04
## SPAC110.02	1.390238e-03	-1.032305e-03	-1.281038e-03	2.009331e-03
## SPNCRNA.773	-9.579002e-06	1.153986e-04	1.147523e-04	2.503170e-04
## SPAC110.04c	1.616523e-02	-1.742389e-02	-7.185244e-04	-7.754053e-03
## SPAP14E8.02	-4.572409e-03	6.989720e-04	9.032063e-04	8.091777e-03
## SPAP14E8.03	2.108069e-03	-1.184689e-03	-1.489177e-03	2.341689e-03
## SPAP14E8.04	-5.493346e-04	-3.421088e-04	-1.000193e-04	1.068180e-03
## SPAP14E8.05c	-1.521596e-03	-4.183870e-04	-1.823007e-03	2.619251e-03
## SPAC3H1.03	-4.317685e-04	-8.632092e-04	-2.123501e-04	1.400923e-03
## SPNCRNA.775	1.978556e-05	-2.789302e-05	-8.974557e-05	2.067084e-05
## SPAC3H1.08c	4.155544e-04	4.780893e-05	-4.085772e-04	1.017774e-03
## SPNCRNA.776	-1.267520e-04	1.259129e-04	-1.595500e-04	4.860913e-04
## SPAC3H1.10	1.139735e-03	4.727472e-04	-1.295627e-03	3.219327e-03
## SPNCRNA.778	-1.850027e-04	2.372358e-04	-4.178205e-05	-2.776559e-04
## SPNCRNA.779	3.547793e-04	1.466993e-04	-7.542412e-04	9.399107e-04
## SPNCRNA.780	4.312802e-04	1.437579e-04	2.386193e-04	9.442054e-05
## SPNCRNA.782	4.171277e-04	1.519522e-04	9.643713e-05	5.393937e-04
## SPAC3H1.11	5.757952e-03	-6.540668e-04	-4.995804e-03	2.003451e-02
## SPAC3H1.14	9.121903e-05	8.733741e-04	-1.150496e-03	2.802659e-03
## SPAC9G1.05	-5.173184e-03	4.830546e-03	1.579256e-03	1.040034e-02
## SPAC9G1.06c	9.765908e-04	-1.854460e-03	-1.632122e-03	3.773572e-03
## SPAC9G1.07	-1.288389e-04	-4.701893e-04	-5.447006e-04	7.410754e-04
## SPAC9G1.11c	-2.065900e-04	-1.571942e-03	-8.040388e-04	5.254650e-03
## SPAC9G1.12	-1.264076e-03	-2.300201e-03	-6.235142e-04	-3.870009e-04
## SPAC767.01c	-2.573459e-03	-1.065536e-02	1.094496e-03	6.986369e-03

## SPNCRNA.786	-2.726924e-04	2.085561e-04	-2.729433e-04	4.245485e-04
## SPAC17H9.01	8.646815e-04	-4.218503e-03	-8.603954e-04	5.123379e-03
## SPAC17H9.05	-1.881354e-03	-6.439863e-03	-5.040307e-03	3.770589e-03
## SPAC17H9.06c	8.700428e-04	-2.034946e-05	-1.484263e-03	2.647243e-03
## SPAC17H9.07	1.430701e-03	-1.678854e-03	-3.069461e-03	3.198197e-03
## SPAC17H9.08	-2.207981e-03	2.631493e-04	-4.354060e-05	7.095654e-05
## SPAC17H9.11	4.808670e-04	9.405929e-04	-1.030902e-03	1.202802e-03
## SPNCRNA.788	-1.445075e-05	-2.411903e-05	-3.733933e-05	3.380667e-05
## SPAC17H9.18c	4.028918e-05	4.494376e-05	2.450694e-05	-2.318182e-05
## SPAC17H9.19c	-6.412665e-04	-3.087495e-04	5.637327e-04	2.742008e-04
## SPAC607.02c	4.473902e-04	-5.872257e-04	-7.705867e-04	8.757218e-05
## SPNCRNA.789	8.897293e-05	-4.794478e-05	-6.587141e-05	5.735114e-04
## SPAC607.07c	-5.909365e-04	7.567827e-04	-7.527313e-04	2.919485e-03
## SPAC607.08c	-9.317896e-04	-1.185653e-03	-4.597588e-04	1.235551e-03
## SPNCRNA.186	-5.099548e-06	-1.307105e-05	1.004258e-05	-1.138135e-05
## SPAC607.10	1.268875e-03	2.769609e-04	-2.142344e-03	1.967615e-03
## SPNCRNA.790	-5.757857e-06	4.140307e-06	-8.321490e-06	1.715444e-05
## SPAC3C7.01c	-2.341828e-03	9.344775e-04	-7.960990e-04	2.611094e-03
## SPAC3C7.03c	-2.755133e-04	6.321751e-04	-7.019633e-04	2.426041e-03
## SPAC3C7.04	-3.938056e-04	1.564720e-03	-5.661820e-06	6.031464e-03
## SPAC3C7.05c	1.017835e-02	1.148277e-04	2.054716e-03	9.238701e-03
## SPAC3C7.06c	-4.134355e-04	-1.417903e-03	-1.128208e-03	2.909448e-03
## SPAC3C7.07c	-6.190837e-04	3.082449e-04	-1.439716e-05	2.917803e-03
## SPAC3C7.10	8.305106e-05	-1.952920e-04	1.786478e-04	-4.749146e-04
## SPAC3C7.11c	-7.372331e-03	-3.276080e-03	-5.435431e-03	-1.071034e-02
## SPAC3C7.12	1.114502e-03	-2.552289e-04	-1.515936e-03	6.305631e-03
## SPAC3C7.13c	-1.131549e-03	-9.286436e-04	-4.068655e-04	6.969288e-04
## SPNCRNA.792	3.372731e-04	1.254124e-04	2.187696e-04	-7.566766e-05
## SPAC3C7.14c	-6.907406e-02	4.416538e-02	3.380152e-02	-2.461517e-02
## SPAC25A8.01c	6.534596e-03	7.700504e-04	-1.985336e-03	5.715295e-03
## SPAC631.01c	-2.414399e-03	6.685874e-04	-5.550516e-04	8.975049e-04
## SPAC20H4.01	-2.734560e-03	-2.254658e-03	-8.842349e-04	1.588321e-03
## SPNCRNA.795	5.466614e-05	1.395744e-04	-9.726516e-05	-5.762068e-05
## SPAC20H4.05c	1.034059e-03	-1.064978e-03	1.307022e-03	-2.563558e-04
## SPAC20H4.06c	4.285873e-04	-7.251178e-04	-1.727621e-03	2.436303e-03
## SPAC20H4.07	2.990310e-04	8.124779e-04	-3.860451e-04	3.283490e-03
## SPNCRNA.796	-6.505134e-05	-2.309896e-04	6.517788e-06	-2.414207e-04
## SPAC20H4.11c	-6.437788e-04	-2.035561e-04	2.329174e-05	1.103965e-04
## SPAC23C11.02c	1.408907e-02	-4.554252e-02	-3.114115e-02	-3.329750e-04
## SPAC23C11.06c	1.675109e-03	5.745422e-04	-5.129649e-03	1.111120e-02
## SPNCRNA.798	-1.501031e-04	-7.646689e-04	1.981381e-04	-3.259852e-04
## SPAC23C11.07	-6.186916e-05	-1.222314e-04	9.234696e-05	-2.488977e-04
## SPAC23C11.12	-3.846258e-04	-2.299510e-04	-1.091932e-04	-5.002018e-05
## SPAC23C11.13c	5.823006e-04	-6.712745e-04	-2.815485e-05	1.729667e-03
## SPNCRNA.187	-4.981790e-05	-4.265019e-05	3.933068e-05	6.808827e-05
## SPAC23C11.16	-7.805392e-04	-6.160492e-04	-6.899620e-04	2.922426e-03
## SPAC13F5.03c	2.221745e-04	-4.108262e-05	-7.466883e-04	4.248067e-04
## SPAC13F5.04c	5.267458e-04	2.055421e-04	2.505446e-04	6.988331e-04
## SPAC13F5.05	-2.222188e-04	3.237533e-05	-6.848003e-04	1.642999e-03
## SPAC1783.01	1.235073e-03	-1.843333e-03	-1.417907e-03	3.958823e-03
## SPAC1783.03	-6.524592e-04	-2.909380e-04	-7.894530e-04	2.780719e-03
## SPAC1783.05	-4.917661e-03	-3.693642e-03	-8.255801e-04	3.741779e-03
## SPAC18G6.03	3.839539e-03	-6.773839e-05	4.256192e-03	3.960422e-03
## SPNCRNA.805	-1.537532e-05	-3.393477e-05	3.732492e-05	-4.751729e-05

## SPNCRNA.188	5.437622e-05	-5.028672e-05	-1.542372e-04	9.784895e-06
## SPAC18G6.15	-2.167127e-03	-1.489854e-04	2.519808e-04	2.911621e-03
## SPAC13D6.01	-4.336896e-04	9.191086e-04	1.253288e-04	1.580748e-03
## SPNCRNA.807	2.562436e-04	4.873504e-04	4.999004e-04	-1.416345e-03
## SPAC13D6.03c	-6.971991e-05	-1.003725e-03	-8.830935e-04	2.222510e-03
## SPAC4G9.04c	1.000205e-03	-1.283492e-03	-1.593801e-03	2.381441e-03
## SPAC4G9.03	4.081377e-03	-3.875256e-03	-3.695653e-03	-1.054964e-03
## SPAC4G9.05	-4.069868e-04	2.073921e-04	1.351936e-04	1.325290e-04
## SPAC4G9.06c	1.674886e-03	-1.535696e-03	-7.726656e-04	9.499548e-04
## SPNCRNA.808	2.019464e-04	-1.683948e-04	-1.338516e-04	3.755154e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	8.417608e-03	-4.090230e-03	-1.682725e-03	6.736233e-04
## SPAC4G9.10	3.043927e-03	2.333909e-03	2.820640e-04	-9.278001e-04
## SPAC4G9.11c	2.370529e-04	-1.950439e-03	9.496286e-04	4.655044e-04
## SPAC4G9.12	-1.048725e-03	-3.589965e-03	-1.428164e-03	2.229137e-03
## SPAC4G9.14	1.063009e-03	1.415328e-03	-8.818292e-04	2.515382e-03
## SPAC4G9.15	-1.603671e-03	-1.156189e-03	4.321879e-03	-2.049743e-03
## SPNCRNA.809	-1.289608e-04	1.852486e-04	-3.655530e-05	2.331306e-04
## SPAC4G9.19	1.114306e-04	1.422275e-04	-9.873812e-04	8.929871e-04
## SPAC4G9.20c	8.555357e-04	6.209315e-04	-3.729816e-04	2.760711e-03
## SPNCRNA.810	5.445489e-04	2.234624e-04	1.648048e-04	1.053727e-04
## SPAC13G7.01c	2.428038e-03	-3.314212e-03	-1.352675e-03	5.008985e-03
## SPAC13G7.02c	1.448597e-02	-1.011302e-02	-2.585676e-02	4.548615e-02
## SPAC13G7.03	-2.215438e-04	-3.618515e-04	5.536308e-05	5.740675e-04
## SPAC13G7.04c	-2.296643e-05	-4.750824e-04	-6.986966e-04	2.045283e-03
## SPAC13G7.05	8.196682e-04	-7.387101e-04	-1.065109e-03	4.509153e-03
## SPAC13G7.06	-2.266247e-03	-3.091493e-03	-2.216002e-03	1.489999e-03
## SPAC13G7.10	3.779188e-04	-1.286272e-03	2.232267e-04	1.001113e-03
## SPAC13G7.12c	1.436800e-04	3.295136e-04	-1.336861e-03	2.631521e-03
## SPAC13G7.13c	-4.778634e-04	1.091576e-03	-6.365550e-04	1.451029e-03
## SPNCRNA.812	8.396354e-04	4.127083e-04	-9.996494e-04	2.357768e-04
## SPNCRNA.813	8.105235e-04	4.206217e-04	-3.074553e-05	5.157308e-04
## SPAC6C3.03c	7.762045e-05	6.183616e-05	-7.441153e-05	-4.271158e-05
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	1.461429e-04	2.108144e-05	2.963909e-04	2.273561e-04
## SPNCRNA.815	-1.007846e-05	-1.899173e-04	1.387302e-04	1.984376e-04
## SPAC6C3.08	1.642923e-03	-1.601480e-03	-4.825446e-04	1.824934e-04
## SPAC6C3.09	3.090810e-04	-6.654335e-04	8.103948e-04	4.211748e-04
## SPNCRNA.816	-9.777842e-05	2.388240e-04	1.036540e-05	-3.593318e-05
## SPAC17G8.03c	-1.608825e-03	-1.690801e-03	3.688889e-04	1.235737e-03
## SPAC17G8.15	2.084468e-04	1.734717e-04	-3.432100e-04	4.613136e-04
## SPAC17G8.04c	7.679832e-05	-1.320591e-03	1.288023e-03	-1.909200e-03
## SPAC17G8.06c	3.967676e-02	3.391172e-03	2.836971e-03	-2.811031e-02
## SPAC17G8.08c	-9.556477e-04	-1.013632e-03	-6.266355e-05	7.561100e-04
## SPAC17G8.11c	8.884515e-04	-6.593924e-04	-3.684385e-03	5.388138e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	7.408872e-04	-5.205968e-04	4.527635e-04	1.469314e-03
## SPAC17G8.14c	-9.619021e-04	4.230792e-04	-4.729207e-04	-8.175822e-06
## SPNCRNA.818	-5.142833e-06	-3.039812e-05	-3.545210e-05	1.866310e-05
## SPAC22H10.02	2.830946e-04	2.750946e-04	-3.225286e-04	7.596575e-04
## SPNCRNA.820	7.116462e-05	-1.740976e-04	7.221747e-06	-2.664197e-06

## SPAC22H10.04	-3.230071e-04	6.902316e-04	-8.831311e-04	2.299157e-03
## SPAC22H10.05c	4.323562e-03	-6.908665e-04	2.211816e-04	-5.139631e-04
## SPAC22H10.06c	-9.743122e-06	3.272825e-06	-4.560690e-06	8.344425e-06
## SPAC22H10.07	1.114919e-03	7.765864e-05	-1.363267e-03	3.664307e-03
## SPAC22H10.08	-2.800348e-04	-1.948281e-04	-1.152455e-03	2.802180e-03
## SPAC22H10.11c	-1.773122e-03	-3.132951e-03	1.892872e-03	-2.935120e-03
## SPAC22H10.12c	2.959026e-03	-1.335328e-02	4.435399e-03	6.710701e-04
## SPAC15F9.01c	7.941315e-05	-2.708833e-05	-3.334122e-05	1.345753e-04
## SPNCRNA.822	2.452693e-06	1.932660e-05	-1.489043e-07	1.449157e-05
## SPNCRNA.193	6.692105e-06	1.129269e-05	-2.445396e-05	-1.733723e-05
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	3.415678e-03	1.981162e-04	-3.177311e-03	4.127926e-03
## SPAC6B12.04c	-1.498841e-03	-1.674235e-03	3.397530e-04	1.104896e-03
## SPNCRNA.824	-8.783079e-05	1.031547e-05	2.389321e-05	-9.668600e-05
## SPAC6B12.05c	-6.432287e-04	-2.427207e-03	-3.655944e-03	5.565254e-03
## SPAC6B12.06c	-5.636344e-04	-8.069809e-04	-1.519627e-05	5.360002e-05
## SPNCRNA.194	4.886675e-05	-1.324395e-04	1.181507e-04	-6.548474e-05
## SPNCRNA.825	5.680030e-05	7.792084e-06	3.181672e-05	-2.640927e-04
## SPAC6B12.19	-8.980675e-05	1.623413e-04	-1.989859e-04	8.016782e-05
## SPAC6B12.09	-2.602488e-04	-1.577869e-03	-1.602409e-03	-1.013801e-03
## SPAC6B12.10c	-3.465683e-04	-9.789707e-04	-3.150713e-04	6.980681e-04
## SPAC6B12.11	-4.664227e-04	-6.883768e-04	-1.661921e-03	1.626967e-03
## SPNCRNA.43	5.290512e-05	-1.686149e-05	-2.292709e-05	2.097152e-05
## SPATRNATHR.02	-1.203250e-04	-3.408571e-03	4.112982e-03	-4.212567e-03
## SPAC6B12.12	7.795376e-04	-7.143068e-03	1.372259e-02	-1.591377e-02
## SPAC6B12.14c	5.810884e-04	2.939348e-04	-4.305773e-04	5.694514e-04
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	-2.272780e-06	-1.421656e-06	-1.605680e-05	-8.082095e-06
## SPAC6B12.16	7.190949e-05	1.338365e-04	-8.413158e-05	1.949880e-04
## SPNCRNA.827	-1.226587e-04	-1.691558e-04	1.484990e-04	1.887262e-04
## SPAC32A11.04c	8.336848e-03	-1.049945e-02	-6.701503e-04	-4.783949e-03
## SPAC32A11.01	1.309418e-03	9.436580e-04	-8.844064e-04	2.677514e-03
## SPAC32A11.03c	1.926643e-03	-1.119266e-03	-1.115360e-03	7.547543e-03
## SPAC19A8.15	4.986432e-03	-5.241703e-03	-2.381312e-03	-6.601974e-03
## SPAC19A8.14	4.598996e-04	-2.432988e-03	-1.183993e-03	1.202112e-03
## SPAC19A8.16	5.612945e-03	-3.360832e-03	1.301682e-03	6.245213e-03
## SPAC19A8.06	-1.005731e-04	1.105851e-03	-6.120655e-04	1.971408e-03
## SPAC23H3.02c	1.265533e-04	-2.062266e-03	9.764801e-04	-7.580013e-04
## SPAC23H3.03c	-4.394097e-04	1.958961e-04	-1.965782e-03	2.649546e-03
## SPNCRNA.558	-1.524749e-05	1.242858e-06	1.348178e-05	1.600037e-05
## SPNCRNA.830	1.092393e-04	1.391354e-04	-1.729602e-04	7.377498e-05
## SPAC23H3.07c	3.738504e-04	-1.183966e-03	-1.215363e-03	2.286968e-03
## SPAC23H3.09c	1.615900e-02	5.167121e-03	-1.132179e-03	-7.842597e-03
## SPATRNACYS.02	1.782130e-04	1.323866e-03	-8.749555e-04	-4.165199e-03
## SPAC23H3.10	1.343723e-03	-6.231449e-04	3.947151e-04	3.624019e-03
## SPAC23H3.11c	-4.872915e-04	2.746670e-04	-4.775337e-04	1.735828e-03
## SPAC23H3.12c	-6.801746e-04	-3.498764e-04	-1.075607e-03	1.298106e-03
## SPAC23H3.14	-6.574370e-04	-9.997463e-04	2.474164e-04	3.171414e-04
## SPNCRNA.832	-7.063102e-05	6.325556e-05	-4.784488e-05	-1.865317e-04
## SPAC25H1.02	-1.058101e-05	-6.288618e-05	-6.033981e-04	1.813478e-03
## SPAC25H1.03	3.200161e-04	-2.109496e-03	1.045871e-03	-4.247134e-03
## SPAC25H1.10c	5.816663e-04	-1.774185e-04	-5.814417e-04	3.215859e-03
## SPAC25H1.09	-4.994328e-04	8.563591e-04	4.010813e-04	-4.934355e-05
## SPAC4A8.02c	-1.731794e-03	-1.182889e-03	6.539585e-04	-3.516118e-04

## SPAC4A8.03c	-1.826951e-04	-2.228611e-04	-1.300024e-03	4.361415e-03
## SPNCRNA.834	1.706892e-04	3.787067e-05	1.286384e-04	2.755637e-05
## SPNCRNA.835	6.791901e-05	3.940216e-05	-4.255280e-05	2.602905e-05
## SPAC4A8.06c	9.781650e-05	4.274034e-04	-4.224025e-03	1.281690e-02
## SPAC4A8.09c	1.908291e-03	-1.529740e-03	-3.479038e-03	2.783823e-03
## SPAC4A8.11c	4.760386e-02	-2.230275e-02	-1.669974e-02	-7.064234e-03
## SPAC4A8.13c	-1.936465e-03	7.047980e-04	2.769927e-03	3.105077e-03
## SPAC4A8.15c	-5.786886e-03	-9.726762e-04	2.732455e-03	4.293071e-03
## SPAC4A8.16c	5.395723e-03	-2.657470e-02	1.306125e-02	-3.423843e-02
## SPNCRNA.840	-2.981663e-04	-1.494937e-04	4.963393e-04	-1.870535e-03
## SPAC823.02	-2.603964e-03	-2.322771e-03	-1.576942e-03	6.480340e-03
## SPAC823.04	-2.041311e-04	-1.533471e-04	-1.370242e-03	9.794108e-04
## SPAC823.05c	1.781351e-03	1.314027e-03	-1.877304e-03	7.986510e-03
## SPAC823.06	2.352948e-05	-2.125617e-04	-3.646926e-04	7.885969e-04
## SPAC823.08c	4.150230e-05	-1.579183e-03	-2.910975e-04	2.514946e-03
## SPAC823.09c	3.316969e-04	-9.432900e-04	-6.252861e-04	-1.713538e-04
## SPAC823.10c	-2.232797e-04	4.250333e-04	1.987364e-04	1.997656e-03
## SPAC823.15	6.730391e-04	-8.035208e-04	1.074444e-04	1.939886e-03
## SPAC7D4.13c	-1.002664e-03	-1.109890e-03	2.165123e-04	6.268064e-04
## SPAC7D4.12c	5.224269e-04	1.648147e-04	-2.376392e-03	2.652715e-03
## SPAC7D4.10	-3.026677e-04	-6.048120e-04	1.538170e-05	8.497652e-04
## SPNCRNA.842	-4.353919e-06	-3.890228e-05	6.021933e-05	-5.206556e-05
## SPAC7D4.15c	-2.849521e-04	2.782015e-04	-2.594701e-04	-9.619155e-05
## SPAC7D4.07c	-3.750595e-03	-9.360241e-04	8.535193e-03	-1.358420e-02
## SPSNORNA.12	-2.235790e-02	1.210899e-02	-5.856779e-03	3.198853e-02
## SPAC7D4.05	-1.321177e-03	8.382860e-04	7.070863e-04	2.270555e-03
## SPAC7D4.02c	5.670770e-04	-4.929784e-04	-7.249294e-04	1.151394e-03
## SPAC4F8.13c	2.500934e-03	-1.726321e-03	-2.470221e-03	1.869239e-02
## SPAC4F8.11	-1.317031e-04	-7.280000e-04	-1.928836e-03	2.629638e-03
## SPAC4F8.08	-1.042319e-04	-5.599687e-05	-8.617459e-05	-1.303253e-04
## SPNCRNA.201	-2.844934e-05	-4.252893e-05	5.081917e-05	-8.240955e-05
## SPAC4F8.06	-4.997993e-04	-1.074391e-03	-1.613725e-04	5.372062e-05
## SPAC4F8.05c	1.023277e-03	-1.654894e-03	-1.063964e-03	6.430983e-04
## SPAC4F8.04	-1.752048e-03	-4.079319e-03	-1.742906e-03	-3.071130e-03
## SPAC644.06c	-2.996477e-03	-1.151652e-03	1.666856e-03	-1.359461e-03
## SPNCRNA.844	4.691298e-04	-5.239098e-04	-1.874972e-04	2.337563e-04
## SPATRNLALYS.04	-2.097716e-04	4.232915e-04	-3.917868e-04	-8.608956e-04
## SPAC644.07	-1.955081e-03	-5.435382e-04	1.615053e-04	2.636680e-03
## SPAC644.09	6.839780e-04	8.867481e-04	-7.553720e-04	7.367030e-04
## SPAC644.10	-5.133808e-04	3.868707e-04	-8.750827e-05	1.203151e-03
## SPAC644.12	1.136545e-03	-3.328352e-03	-1.976566e-03	7.859567e-03
## SPAC644.13c	-4.486913e-04	1.904302e-03	2.409887e-06	2.931787e-03
## SPAC644.17c	-1.203552e-03	-2.183093e-03	-1.735725e-04	1.443824e-03
## SPNCRNA.198	-2.234635e-06	1.032294e-05	9.745894e-06	6.365256e-06
## SPAC644.18c	2.653835e-04	9.275920e-04	-1.019263e-03	1.957488e-04
## SPAPB2B4.01c	-4.164773e-04	-5.383094e-04	-7.981780e-04	7.277503e-04
## SPSNORNA.54	-1.917836e-03	-9.020144e-03	5.197151e-03	1.133240e-02
## SPNCRNA.846	1.862757e-05	-1.417092e-05	-8.353589e-05	-2.847094e-04
## SPAPB2B4.05	-1.823520e-03	-7.253686e-04	-8.585530e-05	3.172414e-03
## SPAPB2B4.06	-6.283376e-04	3.787804e-04	3.825751e-04	5.209983e-04
## SPAPB2B4.07	9.196452e-05	3.990897e-04	-8.055686e-04	2.451709e-03
## SPAC6F6.01	-1.078685e-03	2.758859e-03	-1.207480e-03	3.417215e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-9.669502e-06	6.194059e-05	-4.920981e-05	9.454231e-05

## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-3.550955e-05	-1.557999e-05	-4.066689e-05	1.789615e-04
## SPAC6F6.05	-2.119745e-03	-2.395609e-05	-1.601620e-03	1.834690e-03
## SPAC6F6.06c	-3.315883e-03	4.101253e-04	-3.521173e-03	1.736766e-02
## SPAC6F6.07c	7.292837e-03	-2.850783e-02	-9.461820e-03	1.223663e-03
## SPAC6F6.12	1.328345e-03	1.142079e-03	8.288050e-04	3.726025e-03
## SPNCRNA.850	-1.002115e-04	9.065881e-06	-1.450030e-04	-1.840543e-04
## SPNCRNA.851	-1.964527e-04	-1.838946e-05	-1.046669e-04	5.050292e-04
## SPAC6F6.19	-2.003145e-04	-1.689472e-04	-4.451537e-04	5.022047e-04
## SPAC6F6.15	-1.143493e-03	-2.173472e-03	-4.690917e-04	7.468117e-04
## SPAC6F6.16c	1.925271e-04	-1.094566e-03	3.534180e-04	1.850621e-03
## SPAC1805.01c	-7.113507e-04	-3.883423e-03	8.506713e-04	4.910198e-03
## SPAC1805.02c	1.369789e-03	-3.951235e-03	1.592465e-03	1.303597e-03
## SPAC1805.06c	2.181294e-03	-8.174644e-04	7.996903e-04	1.055966e-03
## SPNCRNA.853	1.387289e-04	8.931499e-05	1.091742e-04	1.593104e-04
## SPAC1805.07c	2.233901e-04	-6.942451e-04	-3.897127e-04	-1.506355e-04
## SPNCRNA.854	-1.437937e-04	5.254461e-05	6.392008e-04	7.693958e-04
## SPAC1805.08	-1.615450e-03	-6.019358e-04	3.069308e-04	1.705008e-04
## SPAC1805.18	-4.669056e-04	1.308081e-04	-4.613148e-04	4.691878e-04
## SPAC1805.09c	-3.171284e-04	-5.395981e-04	2.165324e-04	-9.541549e-04
## SPAC1805.10	-2.365680e-04	-1.986930e-03	5.831406e-04	2.238292e-03
## SPAC1805.12c	9.872644e-03	-2.443754e-02	7.463759e-03	2.464351e-03
## SPAC1805.13	1.234856e-02	-4.619879e-03	-1.283074e-02	9.007224e-03
## SPATRNALEU.02	-3.328339e-03	4.328516e-03	-1.202730e-03	-5.629950e-04
## SPAC1B2.02c	9.469350e-04	-1.408468e-03	-3.998589e-04	3.206541e-03
## SPAC1B2.03c	-1.985215e-03	7.094223e-04	4.221997e-03	4.100517e-03
## SPAC1B2.04	-1.037436e-03	-1.386407e-03	4.585560e-04	2.295908e-03
## SPAC1B2.05	-1.141148e-03	-7.786537e-04	-1.542845e-03	2.346169e-03
## SPAC3F10.03	1.418306e-02	-4.659356e-03	5.863385e-03	-2.149132e-03
## SPAC3F10.04	1.520678e-04	-2.982381e-03	1.440751e-03	1.744911e-03
## SPAC3F10.06c	2.698179e-04	-2.707408e-04	-1.243373e-03	3.701480e-03
## SPNCRNA.855	-6.396707e-05	1.884884e-05	2.347138e-05	-1.686749e-04
## SPAC3F10.09	-2.098387e-03	-1.635116e-03	-9.851729e-04	3.699733e-03
## SPAC3F10.11c	-6.965189e-03	-1.906384e-03	6.945117e-03	5.602146e-03
## SPATRNATHR.03	-8.049074e-06	-3.144357e-03	3.243898e-03	-5.706840e-03
## SPAC3F10.15c	-3.016444e-03	-1.848308e-03	1.454680e-03	-1.225389e-03
## SPAC3F10.13	8.986690e-04	-1.144019e-03	-1.266416e-03	3.344691e-03
## SPAC3F10.16c	-4.664970e-03	-4.628980e-03	2.010128e-03	-2.826157e-03
## SPAC3F10.17	-4.400192e-03	-2.682262e-03	-2.304934e-03	-3.895326e-04
## SPAC3F10.18c	1.820026e-03	-3.415663e-02	-3.046420e-02	3.915430e-02
## SPAC8F11.03	1.573938e-03	-2.236064e-04	-1.583726e-03	4.983510e-03
## SPNCRNA.856	1.590079e-05	-6.005264e-05	3.081069e-05	3.042574e-04
## SPAC8F11.04	-8.959140e-05	-4.444901e-03	-1.427893e-03	-2.693203e-03
## SPAC8F11.08c	-5.519429e-03	-1.123400e-02	-5.053957e-03	-5.560631e-04
## SPAC8F11.09c	1.056471e-03	-2.185813e-03	3.639555e-04	1.329331e-03
## SPNCRNA.857	1.420798e-03	1.017063e-03	-1.927827e-03	2.103554e-03
## SPACUNK4.17	3.647584e-02	-1.962498e-02	-6.746627e-02	5.958015e-02
## SPACUNK4.19	3.422056e-05	-9.042392e-05	-4.421280e-04	-3.245956e-04
## SPACUNK4.16c	6.237191e-03	-1.275743e-02	-8.059836e-03	1.672677e-02
## SPACUNK4.15	6.092792e-03	-1.518411e-03	-5.231667e-05	2.904959e-03
## SPACUNK4.14	-1.580937e-04	3.188482e-05	-4.446714e-06	1.324163e-03
## SPNCRNA.56	-2.009990e-04	-5.134746e-05	1.277924e-04	2.066312e-04
## SPACUNK4.12c	-5.726884e-03	-1.927379e-03	2.196169e-04	2.592210e-03
## SPACUNK4.11c	-3.802283e-04	-1.705041e-03	-7.068296e-04	1.605346e-03

## SPACUNK4.20	-5.970973e-05	1.020696e-04	4.391398e-05	-5.617191e-06
## SPACUNK4.09	5.601945e-04	8.057688e-05	-3.270256e-04	1.516792e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	1.127417e-03	1.255911e-03	-2.424735e-03	1.028180e-02
## SPAPYUK71.03c	-3.424433e-03	-1.077073e-02	-2.791943e-03	9.873679e-03
## SPNCRNA.209	-1.310567e-04	4.004212e-05	-1.925985e-04	4.643531e-04
## SPAC513.04	1.080609e-05	-5.258701e-05	-8.321734e-05	5.084568e-05
## SPAC513.06c	-3.875451e-03	-6.759686e-04	-2.507234e-04	2.156129e-03
## SPAC513.07	-3.537512e-03	1.442373e-03	-5.383256e-03	3.833025e-03
## SPAC2E1P3.02c	-5.760559e-05	2.375070e-04	1.456211e-05	-1.777405e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-7.809532e-05	-4.301624e-05	-3.989207e-06	-1.117395e-04
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	4.278868e-03	4.112081e-03	-8.525740e-04	2.849518e-04
## SPNCRNA.861	2.338561e-04	-2.280358e-04	-2.971801e-04	1.974171e-04
## SPNCRNA.862	1.601551e-04	4.780045e-04	-8.546915e-04	1.830118e-03
## SPNCRNA.863	3.172548e-03	1.241387e-04	-1.027707e-03	-6.752782e-04
## SPAPB24D3.01	1.508287e-04	1.969075e-03	-1.158357e-03	3.640950e-03
## SPAPB24D3.02c	-1.493513e-04	2.500112e-03	-1.559731e-03	5.839141e-03
## SPAPB24D3.03	6.953712e-04	9.063123e-04	-1.840485e-03	3.537447e-03
## SPAPB24D3.04c	4.141918e-04	-5.311788e-04	-5.972421e-04	5.973127e-04
## SPAPB24D3.07c	-1.625658e-02	-2.061423e-03	2.751468e-03	-3.148671e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	5.232122e-03	-4.891789e-03	-1.185392e-03	7.578449e-03
## SPAPB24D3.10c	-2.271100e-03	1.235927e-03	2.135014e-04	1.396301e-03
## SPNCRNA.867	2.340964e-05	3.473974e-04	-3.076741e-04	1.119506e-03
## SPNCRNA.868	9.275304e-05	1.028496e-05	-1.505190e-04	6.449772e-05
## SPNCRNA.869	-7.366191e-05	3.544369e-05	-6.136254e-05	-6.345105e-05
## SPAPB1A11.04c	1.756867e-03	7.479652e-04	-2.468317e-03	7.635057e-03
## SPAC31G5.02	-2.946651e-03	-2.113359e-03	3.008225e-04	1.330451e-04
## SPNCRNA.870	-3.303065e-05	-2.238540e-05	-2.659186e-05	-9.624857e-05
## SPAC31G5.04	9.867280e-03	1.601992e-04	5.294706e-04	-6.219518e-03
## SPAC31G5.06	2.016788e-04	-6.142682e-05	-1.478825e-05	5.668997e-04
## SPNCRNA.871	8.723925e-05	-1.283276e-04	-1.966439e-04	1.050634e-04
## SPAC31G5.08	-2.565078e-03	-1.055411e-03	-1.122437e-03	5.381555e-03
## SPNCRNA.71	1.030769e-04	-4.498272e-05	5.787327e-05	1.217554e-04
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	-4.233227e-04	-6.814908e-04	-1.437825e-03	2.042520e-03
## SPAC31G5.11	-3.988079e-03	2.592820e-03	-6.067240e-03	1.868105e-02
## SPAC31G5.21	-5.361982e-04	-8.064088e-04	2.529949e-04	5.059614e-04
## SPNCRNA.874	1.629425e-04	-6.151413e-06	2.831378e-04	-1.551651e-04
## SPAC31G5.14	-1.465207e-03	-9.486708e-04	-1.597200e-03	5.054319e-03
## SPAC31G5.16c	-1.504631e-03	-4.157814e-03	-1.285808e-04	-1.205463e-03
## SPAC31G5.18c	5.896565e-04	-3.238145e-04	9.696679e-04	4.562820e-04
## SPAC31G5.19	-1.256323e-03	-2.223196e-03	-1.945246e-03	4.362028e-03
## SPNCRNA.876	-4.305176e-05	-1.603289e-04	3.563575e-04	4.511002e-05
## SPNCRNA.877	-4.140564e-05	-7.550101e-05	-2.349963e-05	2.646508e-05
## SPAC1786.02	2.266974e-03	-2.937669e-03	-6.174497e-03	1.342364e-02
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	-1.204645e-03	1.494898e-04	-1.468144e-03	2.072096e-03
## SPAC24C9.02c	-1.057672e-03	-2.464885e-03	7.411905e-04	-2.286711e-04
## SPAC24C9.04	-9.937613e-04	-1.135858e-03	-1.276890e-03	3.644949e-03
## SPAC24C9.05c	-1.596797e-03	-3.376735e-04	-3.261112e-04	8.889707e-04
## SPAC24C9.07c	-2.638895e-04	1.072370e-03	-1.860028e-04	1.646751e-03

## SPNCRNA.881	2.072168e-04	4.730140e-05	-1.335018e-04	2.465235e-05
## SPNCRNA.882	1.948851e-05	-3.726100e-05	1.167655e-05	3.309905e-05
## SPAC24C9.08	8.093501e-03	-4.500433e-04	-4.122298e-03	1.201827e-02
## SPAC24C9.10c	-6.211116e-04	8.116079e-04	-5.848579e-04	1.373064e-03
## SPAC24C9.11	-2.589964e-03	-1.668961e-03	9.707682e-06	-1.091411e-03
## SPAC24C9.12c	9.464983e-04	-8.480820e-04	-3.027150e-03	8.081332e-03
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	9.188110e-06	-4.890328e-04	-7.254582e-04	3.038835e-03
## SPNCRNA.884	-1.760760e-05	3.832001e-05	-2.574140e-05	-1.004255e-09
## SPATRNALYS.05	2.208494e-04	3.550397e-04	-3.061631e-04	-7.085299e-04
## SPAC16A10.05c	5.222979e-04	-2.346546e-04	-1.162144e-05	-5.622049e-04
## SPAC16A10.06c	-4.881501e-04	-2.770841e-04	-8.333934e-05	5.744478e-04
## SPAC16A10.07c	1.454611e-03	-2.840020e-03	-2.262047e-03	6.675539e-03
## SPNCRNA.885	5.361183e-05	-7.125101e-04	2.910364e-04	2.238567e-04
## SPAC16A10.08c	3.028209e-04	-6.302700e-04	2.463893e-05	-1.152360e-04
## SPAC589.03c	1.438670e-04	-7.100292e-04	6.361984e-04	8.037200e-04
## SPAC589.06c	-3.293304e-03	-2.777119e-03	-3.084452e-03	7.686686e-04
## SPAC589.08c	-4.451973e-05	1.818651e-04	-4.249985e-04	1.277539e-04
## SPAC589.11	-6.247597e-05	-1.862399e-04	1.426465e-04	5.171540e-04
## SPAC688.02c	-2.953899e-04	5.704948e-04	-5.866872e-04	2.304402e-03
## SPAC688.06c	-3.476350e-04	1.015422e-05	-4.579739e-04	3.132288e-04
## SPAC688.07c	2.384522e-03	-4.622322e-03	1.509973e-03	7.050699e-03
## SPAC688.08	-7.728826e-04	-1.881818e-03	-1.549091e-03	4.076538e-03
## SPAC688.09	-9.769957e-04	-1.860609e-03	-8.693752e-04	1.025588e-03
## SPNCRNA.888	3.733647e-04	-2.927715e-04	4.374087e-04	-4.651081e-04
## SPNCRNA.889	2.432088e-04	8.073668e-06	-1.160830e-04	1.051789e-04
## SPAC688.13	9.145671e-04	5.844181e-04	3.340204e-04	2.653393e-04
## SPNCRNA.890	-1.901734e-05	-6.814342e-05	2.605297e-04	1.646492e-04
## SPAC688.14	-3.945540e-04	-1.008483e-03	1.263178e-03	3.849796e-04
## SPAC688.16	3.667607e-04	-5.232585e-04	1.204759e-03	-1.249680e-03
## SPNCRNA.891	-1.836907e-04	-8.982363e-05	-1.398068e-04	-1.504363e-04
## SPAC3G9.15c	5.205593e-04	-8.537510e-04	-1.286883e-03	2.211533e-04
## SPNCRNA.216	-9.567501e-06	-2.235978e-05	1.732791e-06	9.337818e-07
## SPAC3G9.13c	1.950894e-04	-2.140942e-04	-7.185846e-04	2.036675e-03
## SPNCRNA.217	-2.633452e-05	-1.121553e-05	5.125253e-05	-7.961637e-05
## SPAC3G9.11c	1.159455e-04	4.385343e-05	-3.530983e-04	2.808213e-04
## SPAC3G9.17	5.418482e-04	4.248344e-04	-1.588726e-04	8.177409e-04
## SPATRNATHR.04	5.207732e-03	-1.108511e-02	1.140569e-02	-1.099534e-02
## SPNCRNA.218	-1.667565e-04	-1.810407e-04	-1.395142e-04	-2.094263e-04
## SPNCRNA.892	-3.519762e-04	4.106013e-04	-1.256581e-05	-4.047901e-04
## SPAC3G9.09c	6.247725e-03	-1.942083e-02	-5.652911e-04	-1.092137e-02
## SPAC3G9.07c	-5.734538e-04	-1.158002e-03	-1.030272e-03	4.110257e-03
## SPAC3G9.06	3.700920e-03	-1.433872e-03	7.700725e-04	-2.502953e-03
## SPAC3G9.03	3.950666e-03	7.077624e-03	3.835297e-04	-1.155656e-02
## SPAC3G9.01	-6.538880e-05	-6.692337e-04	-5.266623e-06	7.922115e-04
## SPAC1486.01	-9.401703e-03	-4.799642e-03	-4.494952e-04	7.007872e-03
## SPAC1486.05	-8.094183e-03	-2.378003e-02	-1.072672e-03	4.448279e-02
## SPNCRNA.894	-6.390910e-05	-2.012926e-05	2.525741e-04	-9.514454e-05
## SPAC1486.11	6.112928e-05	1.638173e-04	1.022539e-04	7.340035e-04
## SPAC1486.07c	-2.912890e-04	-1.149801e-03	-1.293770e-03	1.188562e-03
## SPAC1486.08	3.547333e-04	-1.966466e-03	-1.162067e-03	1.544628e-03
## SPAC1486.10	-7.178107e-04	-1.666485e-03	-3.370614e-03	8.186163e-03
## SPAC6G10.02c	-8.296102e-04	-3.673207e-03	-5.045393e-03	1.694715e-02
## SPAC6G10.03c	-8.310862e-04	-1.751571e-04	-5.316538e-04	7.175598e-04

## SPAC6G10.04c	-9.838274e-04	-7.493252e-03	3.369471e-03	-3.587584e-03
## SPAC6G10.05c	9.395538e-04	-6.080623e-03	-6.978906e-04	9.586841e-03
## SPNCRNA.896	-3.881051e-04	-7.063599e-04	1.958486e-04	-5.300498e-04
## SPAC6G10.07	-2.653940e-04	-1.506963e-03	3.311044e-04	5.955431e-03
## SPAC6G10.08	-5.390359e-03	1.207505e-03	7.120796e-03	2.712408e-03
## SPAC6G10.09	-4.774025e-03	-4.481749e-03	3.921531e-03	-1.083673e-03
## SPAC6G10.10c	5.754631e-05	-3.490799e-04	-1.650313e-04	4.499814e-04
## SPAC6G9.02c	-3.255102e-03	-2.578673e-03	2.485143e-03	1.736824e-03
## SPAC6G9.03c	-2.917355e-04	2.000215e-04	-3.850652e-04	6.863638e-04
## SPAC6G9.09c	7.524173e-03	-1.264559e-02	-2.579130e-03	6.573652e-03
## SPAC6G9.12	-3.099535e-03	-2.067595e-03	-1.271038e-03	2.681055e-03
## SPNCRNA.899	-3.835501e-05	-1.432099e-04	5.350613e-06	-1.186476e-04
## SPAC6G9.15c	9.008090e-04	6.999592e-04	-2.505518e-03	5.190886e-03
## SPAPB1E7.01c	8.146168e-04	-1.027387e-03	-2.506298e-04	4.295253e-04
## SPAC652.01	-4.412634e-04	-7.016692e-04	-1.783170e-04	2.158796e-03
## SPAPB1E7.03	9.683390e-05	-4.895137e-04	4.957200e-04	2.257587e-03
## SPAPB1E7.04c	-1.676304e-02	1.786577e-03	1.063132e-02	2.229675e-02
## SPAPB1E7.06c	3.189430e-04	-4.454575e-04	-4.424118e-04	4.021817e-04
## SPNCRNA.900	8.587231e-05	3.086546e-04	-5.143723e-05	1.128970e-04
## SPAPB1E7.07	4.362376e-02	-6.708248e-04	-7.197082e-03	-4.988476e-03
## SPNCRNA.901	9.673776e-05	6.340785e-05	7.622950e-05	-8.131258e-05
## SPSNORNA.43	1.970609e-06	-3.231391e-06	1.145343e-07	6.149693e-06
## SPAPB1E7.10	-6.126386e-04	6.351415e-05	-3.493965e-04	6.978035e-04
## SPAC2E1P5.01c	-1.200421e-03	-2.046882e-03	-1.171013e-03	8.516833e-03
## SPAC2E1P5.03	3.650172e-05	-1.196872e-03	-2.336423e-03	3.244852e-03
## SPAC2E1P5.05	-1.984957e-03	-1.654424e-03	-1.515259e-03	1.159066e-03
## SPAC26A3.02	8.037683e-04	-5.136035e-04	-1.835682e-03	7.594592e-03
## SPAC26A3.05	-1.627844e-02	-1.156853e-02	1.720367e-02	-2.929747e-02
## SPAC26A3.08	-4.091619e-04	-2.321719e-03	1.169214e-04	-2.334828e-03
## SPAC26A3.09c	-1.260006e-04	6.153904e-05	-3.559157e-04	3.182022e-03
## SPAC26A3.10	-2.218147e-03	-9.480250e-04	-1.108885e-03	9.365250e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	-1.543221e-03	-1.779455e-03	-1.008941e-03	4.013096e-03
## SPAC8E11.12	9.941867e-06	-1.304138e-04	-1.487778e-05	4.903988e-05
## SPNCRNA.903	1.000180e-04	-8.014131e-05	9.996764e-06	1.300787e-04
## SPAC8E11.08c	-8.466292e-05	1.967648e-04	-1.862983e-04	-2.244325e-04
## SPAC8E11.06	-7.396697e-05	2.363823e-05	-1.916185e-05	3.535313e-04
## SPAC8E11.04c	-4.593114e-04	1.140940e-03	2.832360e-04	2.740217e-04
## SPNCRNA.904	-2.585871e-04	-2.874232e-04	-1.373526e-05	1.371922e-03
## SPAC8E11.03c	-4.839752e-05	-1.148196e-04	-6.642644e-05	5.856652e-05
## SPAC8E11.02c	-9.023540e-03	-5.071380e-03	1.571359e-03	-3.128296e-03
## SPAC959.02	-1.249334e-03	-3.185338e-03	3.166800e-03	-3.221132e-04
## SPAC959.03c	7.349465e-04	-6.707723e-04	1.167439e-03	-1.804854e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-2.422140e-04	-2.560464e-04	-8.564853e-06	-6.609598e-04
## SPAC959.05c	-8.846823e-04	8.060790e-04	-1.434034e-04	1.423878e-03
## SPAC959.07	4.540880e-03	-5.760770e-03	-3.814086e-03	8.714232e-03
## SPAC959.09c	-5.600477e-04	-1.770809e-03	-7.021752e-04	1.698885e-03
## SPAP32A8.02	2.412691e-03	-2.427368e-03	-9.507225e-04	1.291658e-03
## SPAP32A8.03c	1.085313e-03	-2.288035e-03	-7.690717e-04	1.986206e-03
## SPAC3H5.10	-5.881654e-03	-2.201083e-02	-1.475436e-02	-2.969975e-02
## SPAC3H5.08c	7.080729e-04	-1.375496e-03	-1.387975e-03	3.637125e-03
## SPAC3H5.06c	-1.540648e-03	5.565918e-04	-1.838769e-03	5.291993e-03
## SPAC3A11.13	5.014032e-04	-1.914776e-03	-5.214359e-05	8.715364e-04

## SPAC3A11.12c	-2.993130e-03	-2.539849e-03	-2.475952e-03	4.955864e-03
## SPAC3A11.10c	1.288345e-03	-7.909594e-04	-1.432458e-03	4.987365e-03
## SPAC3A11.09	3.826793e-03	-2.332218e-03	-7.677800e-04	6.397962e-03
## SPNCRNA.909	7.973281e-04	4.828799e-04	-1.224181e-04	4.235427e-05
## SPNCRNA.910	-3.052829e-04	-3.148761e-05	-2.992466e-04	-2.508493e-04
## SPAC3A11.05c	-1.460421e-05	7.139483e-05	-7.274298e-04	8.735685e-04
## SPAC3A11.04	1.617929e-04	7.430205e-04	1.768064e-04	-2.765536e-04
## SPAC3A11.03	-5.880382e-04	4.321023e-04	-8.121501e-04	6.358053e-04
## SPAC3A11.02	-1.539547e-03	4.352072e-05	-9.138983e-04	2.850229e-03
## SPAC328.04	1.088442e-03	-1.943687e-03	-1.175875e-03	5.757515e-03
## SPAC328.05	-5.164680e-05	-4.046813e-04	-1.076930e-03	-2.118998e-04
## SPAC328.06	4.257628e-03	-4.456527e-03	-7.398043e-04	1.113222e-02
## SPAC328.08c	-1.827774e-04	4.040231e-04	-8.822075e-05	3.379465e-04
## SPAC328.10c	1.132353e-02	-8.464831e-03	3.685969e-03	-8.184830e-04
## SPNCRNA.222	-1.054378e-05	3.403186e-05	-7.220928e-06	4.516949e-05
## SPAC16E8.02	1.363434e-04	-1.210765e-03	4.657550e-04	5.154769e-04
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	7.461967e-05	-1.357348e-04	2.093973e-04	1.311123e-04
## SPAC16E8.06c	7.552954e-04	-4.131905e-03	5.837568e-04	-4.452700e-03
## SPAC16E8.07c	-1.378458e-03	-1.316152e-03	1.185128e-03	-2.048085e-03
## SPAC16E8.09	-1.030743e-03	-1.944371e-03	-6.173673e-05	2.613512e-03
## SPAC16E8.13	3.398204e-04	-2.066373e-04	-6.081476e-04	2.600104e-04
## SPAC16E8.15	1.519336e-03	-5.549079e-03	1.233652e-03	-3.054276e-03
## SPAC16E8.18c	-4.041339e-04	-8.163240e-04	2.313583e-04	-1.446601e-05
## SPAC1B1.01	-5.165372e-04	-8.705005e-04	3.504059e-04	3.859285e-04
## SPNCRNA.915	1.476778e-05	-1.542319e-04	8.935242e-05	-1.114033e-04
## SPAC17A2.01	1.943424e-03	6.373226e-04	-5.720573e-04	2.444778e-03
## SPAC17A2.02c	1.007345e-02	-2.605423e-03	-2.894733e-03	6.051020e-03
## SPAC17A2.04c	-1.102394e-03	-1.086992e-03	6.855464e-04	-1.245463e-03
## SPNCRNA.124	-8.605588e-07	1.781122e-05	-2.490800e-05	7.794629e-07
## SPATRNPATRP.01	-4.846049e-05	-3.048330e-04	4.161508e-05	-3.458901e-04
## SPAC17A2.05	-1.163931e-03	-1.428285e-04	-1.667074e-03	4.597288e-03
## SPAC17A2.06c	2.551124e-04	-1.743650e-04	-1.493011e-03	5.039062e-03
## SPAC17A2.07c	-5.836361e-04	5.416127e-04	1.610444e-04	1.371246e-04
## SPAC17A2.08c	1.796717e-06	-1.147985e-03	1.631559e-06	-8.340890e-05
## SPAC17A2.09c	5.962913e-04	1.689708e-03	-7.456129e-03	1.733909e-02
## SPAC17A2.10c	4.507407e-04	4.609646e-05	-1.272863e-04	4.903440e-04
## SPAC17A2.11	-9.472865e-05	4.837766e-05	1.268478e-05	-1.347395e-06
## SPNCRNA.920	-3.087327e-04	3.601013e-04	-4.754043e-04	5.888963e-04
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	2.274555e-04	2.427524e-04	-1.069896e-03	8.986929e-04
## SPATRNPATRP.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	-1.595478e-03	-9.147152e-04	8.591698e-04	6.982615e-04
## SPAC17G6.05c	1.027513e-03	-1.455989e-03	1.031909e-03	1.300132e-03
## SPAC17G6.06	-2.066563e-02	-1.856217e-02	-2.639125e-02	8.285328e-03
## SPAC17G6.08	1.294279e-03	-1.684459e-03	-1.466880e-04	2.396981e-03
## SPAC17G6.10	-7.968881e-04	-2.421249e-03	5.134559e-04	6.096712e-03
## SPAC17G6.11c	-3.198050e-03	-1.690384e-03	1.278772e-03	9.692218e-03
## SPNCRNA.921	-3.042704e-05	4.147604e-05	-3.244151e-06	6.304926e-05
## SPAC17G6.13	7.010473e-03	-1.200277e-02	-7.018653e-03	1.556874e-02
## SPAC17G6.14c	-4.183198e-04	-7.047514e-03	1.383268e-03	-1.931004e-03
## SPAC17G6.15c	-4.938831e-04	-1.763593e-03	-9.655081e-04	9.013820e-04
## SPAC17G6.16c	-2.699864e-04	-2.464137e-03	1.452464e-03	5.148945e-04

## SPAC17G6.17	-4.897253e-04	1.163049e-04	-2.471589e-03	2.648864e-03
## SPAC1142.01	-2.418376e-03	1.010565e-03	9.494577e-04	6.606540e-03
## SPAC1142.02c	3.882610e-03	-2.081423e-03	1.250819e-03	-1.062906e-03
## SPAC1142.04	1.760413e-03	-2.626227e-03	2.434532e-03	-4.259243e-03
## SPNCRNA.923	-4.604237e-05	-1.007185e-05	3.897983e-05	1.092143e-04
## SPAC1142.05	6.799594e-03	4.710282e-03	-3.985732e-03	1.384704e-03
## SPAC1142.06	1.895630e-03	5.464848e-04	-2.669662e-03	1.919703e-03
## SPAC1142.07c	6.022074e-04	-2.511148e-03	2.776563e-04	5.131083e-04
## SPAC1142.08	7.062970e-04	-8.457675e-04	2.009990e-04	1.265348e-03
## SPAC1142.09	-8.838478e-05	2.186403e-05	1.704798e-06	-1.384272e-05
## SPNCRNA.925	-4.733926e-05	-4.665718e-05	2.424354e-05	-4.498822e-04
## SPAC8C9.04	-1.430227e-03	-8.104130e-03	-2.665817e-04	5.429939e-03
## SPAC8C9.07	-8.758030e-04	-1.866658e-03	-1.020465e-03	-1.756808e-03
## SPAC8C9.08	2.941042e-02	-2.726378e-03	2.670542e-02	-3.136643e-02
## SPAC8C9.09c	3.445793e-04	6.277861e-04	-6.389823e-04	3.011914e-03
## SPAC8C9.11	-3.764788e-04	-9.668347e-04	-1.034266e-03	8.968652e-04
## SPNCRNA.228	7.157245e-04	-5.333370e-04	-3.724831e-06	-9.324372e-05
## SPAC8C9.19	1.458162e-04	-1.104464e-04	-1.253095e-05	2.334837e-04
## SPAC8C9.12c	1.347242e-03	-1.939592e-04	-9.732261e-04	5.169094e-03
## SPAC8C9.14	1.936515e-03	-1.686949e-03	-2.901728e-03	8.523593e-03
## SPAC8C9.15c	2.520390e-03	-3.260738e-03	1.466607e-03	-3.070659e-03
## SPNCRNA.926	2.427530e-04	-5.816517e-06	-3.692458e-04	3.827700e-04
## SPAC15A10.17	-1.962363e-04	-2.992845e-05	4.738816e-05	-3.334925e-05
## SPAC15A10.06	-8.998536e-06	-1.499436e-03	-1.183520e-03	2.162654e-03
## SPNCRNA.927	1.252870e-05	-3.293412e-05	1.141348e-05	-4.493957e-05
## SPAC15A10.08	-7.481802e-04	-1.514459e-03	3.174539e-04	1.522492e-03
## SPAC15A10.09c	-3.349770e-03	-4.468224e-04	1.527113e-03	2.401296e-03
## SPNCRNA.928	-1.531343e-04	2.077994e-04	-1.267574e-04	-8.958776e-05
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	-3.234676e-03	-5.260645e-03	1.125151e-03	-4.570305e-03
## SPAC15A10.11	-2.177873e-03	-3.436898e-03	1.940472e-03	5.584421e-03
## SPAC15A10.12c	-1.054837e-03	-1.247479e-03	-6.593453e-04	2.477751e-03
## SPAC15A10.13	4.901709e-04	-9.306371e-04	-3.351071e-03	6.599451e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-2.093201e-04	1.912134e-04	-5.969982e-04	3.458883e-04
## SPAC15E1.03	5.807930e-03	-2.176392e-02	-3.325128e-03	1.110445e-02
## SPAC15E1.05c	-3.790123e-04	2.506955e-03	-6.488875e-04	2.288125e-03
## SPAC15E1.09	-9.043973e-04	-3.047850e-04	-8.715656e-04	1.812116e-03
## SPAC15E1.10	5.417440e-04	-2.339381e-04	7.108599e-04	4.835054e-04
## SPNCRNA.932	-8.008274e-05	6.669953e-05	1.404635e-04	6.312237e-05
## SPAP7G5.02c	2.374512e-02	3.602102e-03	1.052743e-03	-7.115447e-04
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	2.428918e-03	-3.629103e-03	3.239674e-03	3.309803e-03
## SPNCRNA.934	4.860123e-04	-5.586542e-04	-1.363035e-03	2.292275e-03
## SPNCRNA.935	1.179526e-03	7.627196e-04	-1.224520e-03	1.840064e-03
## SPNCRNA.84	2.802039e-06	2.556039e-05	-1.739413e-05	1.133881e-05
## SPNCRNA.230	-2.733530e-05	-3.141718e-06	3.232021e-05	2.176656e-05
## SPNCRNA.231	1.514895e-05	-1.556082e-05	-3.760481e-05	2.892799e-05
## SPNCRNA.232	-1.218733e-05	-4.042493e-05	-4.004639e-05	2.579555e-05
## SPATRNAILE.03	-1.207445e-04	1.969398e-04	-1.259073e-04	1.122851e-04
## SPNCRNA.233	3.651325e-06	-6.611599e-06	1.083805e-06	-4.444159e-06
## SPATRNAGLU.04	1.329459e-02	8.475732e-03	-8.472121e-03	8.871617e-03
## SPATRNAALA.05	-9.559849e-05	-2.208382e-04	-2.974892e-04	-5.920534e-04
## SPNCRNA.234	-1.740907e-06	5.237184e-06	-3.702245e-05	6.415928e-05

## SPAC1556.01c	9.248883e-04	-1.233460e-03	-1.555923e-03	2.353939e-03
## SPAC1556.03	4.258902e-04	9.807845e-05	-1.921017e-03	1.817139e-03
## SPAC1556.04c	-5.727225e-04	-2.545477e-04	7.410742e-05	2.620836e-04
## SPAC1556.05c	-3.060477e-04	-7.426585e-04	-7.370895e-04	4.507446e-04
## SPAC1F12.02c	1.980923e-04	-3.306408e-02	-6.856005e-02	-6.198293e-02
## SPAC1F12.03c	2.499013e-04	8.357761e-04	-9.167587e-04	7.902609e-04
## SPAC1F12.04c	1.217444e-03	2.568936e-03	-2.276833e-03	3.989196e-03
## SPAC1F12.05	7.458012e-05	-3.841796e-04	-1.637013e-03	4.452506e-03
## SPAC1F12.07	1.299887e-03	2.892856e-03	6.078244e-05	2.581755e-04
## SPNCRNA.937	-8.532625e-06	1.244308e-04	-8.934158e-05	6.295227e-04
## SPAC4H3.01	3.003888e-03	-4.469297e-03	-2.139272e-04	1.533084e-03
## SPAC4H3.03c	3.922685e-03	-2.450398e-03	-1.198034e-03	4.603357e-03
## SPAC4H3.06	-4.293338e-04	-4.453845e-06	-4.966258e-04	1.160706e-03
## SPAC4H3.09	-8.937352e-04	-6.123063e-04	-1.310258e-03	1.585125e-03
## SPNCRNA.941	-3.128373e-05	-3.671831e-05	-4.003620e-05	2.000508e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	2.103486e-05	7.510247e-05	3.989088e-05	1.359412e-05
## SPNCRNA.942	2.854699e-04	5.108595e-04	4.029391e-04	4.789620e-04
## SPAC4H3.12c	-3.099364e-04	1.532385e-04	1.417257e-04	5.397135e-04
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	-1.414768e-03	-1.213930e-03	3.963675e-04	7.174718e-03
## SPAC1071.02	-3.941766e-03	-1.624177e-03	-7.888992e-05	-8.507286e-04
## SPAC1071.03c	-4.400348e-04	-3.696773e-04	-6.255063e-04	1.525417e-03
## SPNCRNA.237	5.657381e-06	-1.480653e-04	1.439766e-04	2.541422e-05
## SPNCRNA.943	1.392227e-04	1.621760e-04	-3.336888e-04	1.392684e-04
## SPAC1071.05	-1.169050e-04	-2.052726e-05	-2.605600e-03	3.498418e-03
## SPAC1071.06	1.919676e-03	-1.116856e-03	2.579767e-04	5.042622e-04
## SPAC1071.08	2.747990e-03	-6.391245e-03	2.546811e-03	6.892200e-04
## SPAC1071.10c	5.140110e-02	-7.984966e-02	2.340115e-02	9.465412e-02
## SPNCRNA.93	4.112797e-05	6.257892e-05	6.145817e-05	1.090015e-04
## SPAC1071.13	-9.525803e-05	4.098992e-04	4.689874e-04	7.437115e-04
## SPNCRNA.945	2.514051e-04	1.056652e-04	-2.585677e-04	7.351860e-05
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	7.757366e-04	2.038615e-04	3.884590e-04	-1.221428e-03
## SPAC926.02	-2.509815e-04	-7.315878e-04	1.237702e-04	1.955993e-03
## SPNCRNA.946	1.794511e-05	-2.786145e-04	-2.457613e-04	9.729479e-05
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	-1.066451e-04	9.193468e-04	-5.954417e-04	2.212657e-04
## SPAC926.04c	2.938821e-01	-1.501288e-01	-1.292486e-01	9.780794e-02
## SPRRNA.18	6.380514e-03	-2.504708e-02	1.035659e-02	1.394057e-02
## SPAC926.05c	1.531471e-04	-6.456978e-04	-4.606970e-04	1.635256e-03
## SPAC926.09c	1.135957e-01	-8.377656e-03	-1.921367e-02	-1.820645e-02
## SPAC323.01c	-2.343454e-04	7.237993e-04	-6.032332e-04	2.906775e-03
## SPNCRNA.948	-2.749555e-04	-4.277432e-05	2.040923e-04	-4.414099e-05
## SPAC323.06c	-1.954680e-04	2.617734e-05	-2.495366e-05	1.249397e-03
## SPAC323.07c	3.745807e-03	-4.811150e-04	-3.595264e-03	1.287718e-02
## SPAC2F3.02	-3.501029e-04	-1.794609e-03	-1.507820e-03	8.205480e-04
## SPAC2F3.03c	-1.809148e-03	-2.149237e-03	1.985491e-03	9.650783e-05
## SPAC2F3.04c	-3.395229e-04	8.979712e-05	-7.789644e-04	1.830961e-03
## SPAC2F3.05c	2.530633e-03	-5.307246e-04	-4.096706e-03	1.066258e-02
## SPAC2F3.06c	1.063970e-05	-4.517435e-03	3.718275e-03	8.772121e-04
## SPAC2F3.08	2.474745e-03	-3.506009e-04	-1.656175e-03	3.009647e-03
## SPNCRNA.949	2.840744e-04	9.676002e-06	-8.730283e-04	7.447187e-04
## SPNCRNA.950	3.551262e-05	-5.312445e-05	-3.796603e-05	5.693414e-05

## SPAC2F3.18c	-3.919018e-04	-7.869436e-04	-1.797022e-03	3.863737e-03
## SPAC2F3.11	-2.457941e-03	-1.734912e-03	1.014774e-03	1.971332e-03
## SPNCRNA.240	-2.222973e-05	3.364478e-05	-5.816334e-05	1.293167e-06
## SPAC11G7.01	-1.303190e-03	-3.718833e-05	7.020750e-04	5.256512e-03
## SPAC11G7.02	-1.744600e-03	-1.145669e-03	-4.563549e-03	4.248378e-03
## SPAC11G7.03	-2.298045e-03	-4.563356e-03	5.676315e-04	4.107040e-03
## SPAC11G7.04	-1.178944e-03	-5.604455e-03	-7.534819e-03	7.268737e-03
## SPAPB18E9.01	-9.270503e-04	-6.793397e-05	-1.511775e-03	2.321805e-03
## SPAPB18E9.05c	2.904869e-03	-4.231821e-03	-2.864233e-03	8.341135e-03
## SPAPB15E9.01c	2.345387e-02	-3.351821e-02	1.762456e-03	9.173042e-02
## SPAPB15E9.02c	5.595903e-05	2.065159e-04	6.018778e-04	9.994178e-04
## SPAC27E2.02	-2.405941e-04	4.872110e-04	3.611721e-04	3.101953e-03
## SPNCRNA.53	-5.107967e-06	-5.193954e-06	7.142976e-06	-1.595241e-06
## SPAC27E2.14	1.653184e-05	-2.587893e-04	-6.359410e-05	8.223799e-04
## SPAC27E2.05	-6.402284e-04	-8.018911e-04	1.827096e-06	2.475906e-03
## SPAC27E2.09	6.010719e-04	-2.208421e-03	-4.056067e-03	9.258427e-03
## SPAC27E2.10c	-6.765043e-04	-1.301749e-05	-2.541292e-04	1.369162e-03
## SPAPJ698.03c	1.149863e-03	-4.567554e-03	-2.437689e-03	1.032536e-02
## SPAC19G12.02c	8.291985e-04	-6.935463e-04	-1.571491e-03	2.222260e-03
## SPAC19G12.04	1.039455e-03	5.156602e-04	3.279276e-04	4.843806e-04
## SPAC19G12.06c	1.344444e-03	7.963266e-03	-6.526949e-03	1.347145e-02
## SPAC19G12.07c	-7.781789e-04	-2.241475e-04	8.599596e-04	3.136355e-03
## SPAC19G12.08	6.057474e-04	-1.929696e-03	-2.551836e-03	7.729093e-03
## SPATRNALEU.04	-1.721944e-02	7.655828e-03	-7.986596e-03	-1.820893e-02
## SPAC19G12.09	-5.572830e-04	-5.351033e-03	-1.338751e-03	1.266080e-02
## SPAC19G12.13c	-8.280721e-05	-5.400912e-04	-6.785486e-04	1.230648e-03
## SPAC19G12.14	4.763811e-05	-1.059003e-03	-2.034228e-03	2.600089e-03
## SPAC23A1.07	2.374811e-04	2.182947e-04	-7.303702e-04	2.926929e-03
## SPAC23A1.08c	1.600435e-02	-6.270591e-03	3.282727e-03	-2.104347e-02
## SPAC23A1.10	-7.438387e-03	3.474519e-02	4.546397e-02	-8.429412e-03
## SPAC23A1.15c	6.362076e-04	1.471208e-05	6.852378e-04	9.779915e-04
## SPAC23A1.16c	-3.235697e-04	-4.523875e-04	-4.578180e-04	8.572667e-04
## SPNCRNA.341	-5.758144e-06	1.999497e-05	-1.857397e-05	-1.915058e-05
## SPAC26H5.04	1.572783e-03	-7.046658e-04	-2.980640e-03	5.359356e-03
## SPNCRNA.961	9.852527e-05	-3.383246e-04	-2.014724e-04	-5.355106e-05
## SPAC26H5.07c	1.981331e-03	-1.153247e-03	-2.173555e-03	1.140151e-02
## SPAC26H5.08c	-1.885611e-03	6.706234e-03	-6.738897e-03	3.375008e-03
## SPNCRNA.962	-8.148732e-06	1.755444e-06	7.448520e-06	8.824523e-06
## SPNCRNA.306	-2.389317e-05	9.883341e-06	3.503631e-06	2.210132e-05
## SPAC26H5.09c	-3.834241e-03	-6.662598e-04	-6.359157e-03	3.059048e-03
## SPAC26H5.10c	-3.002185e-02	-1.439381e-02	1.291074e-02	-2.033648e-02
## SPNCRNA.964	1.213183e-04	1.199053e-04	1.771742e-04	-8.857820e-05
## SPNCRNA.965	3.951161e-05	3.684869e-04	-6.716314e-05	3.455665e-04
## SPNCRNA.242	-6.255071e-02	1.986526e-01	-5.025777e-02	4.214051e-02
## SPSNORNA.13	-6.474824e-02	-1.101647e-01	-8.032632e-02	2.231929e-01
## SPAC25B8.02	8.924436e-04	-1.024334e-03	-6.722810e-04	9.402047e-04
## SPAC25B8.03	-1.747432e-03	-1.460043e-03	-7.526538e-04	4.764604e-03
## SPAC25B8.04c	-4.150795e-04	-1.141047e-04	1.964568e-04	8.816930e-04
## SPAC25B8.05	-7.515035e-05	-1.679055e-03	-5.784235e-04	4.975909e-04
## SPAC25B8.07c	-9.718299e-04	-5.790792e-04	3.460829e-04	-2.442347e-05
## SPAC25B8.20	2.008503e-04	-1.310456e-04	-2.123366e-04	7.211618e-04
## SPNCRNA.967	-4.150840e-04	1.403145e-04	3.464186e-04	3.801830e-04
## SPAC25B8.10	-2.680806e-04	-2.380853e-04	1.577301e-03	-1.629448e-04
## SPAC25B8.11	7.542563e-04	-2.681440e-03	-2.225557e-03	8.119142e-03

## SPNCRNA.968	9.379245e-04	2.206280e-05	-6.274111e-04	9.847614e-04
## SPAC25B8.13c	8.790170e-03	-2.877004e-03	-7.467622e-03	1.807975e-02
## SPRRNA.19	-2.328705e-04	-8.065593e-04	-8.091593e-04	-9.455347e-04
## SPAC25B8.14	-5.073606e-05	-5.146956e-04	7.192005e-04	1.279729e-03
## SPAC25B8.15c	-3.297141e-04	6.950336e-04	-1.206862e-04	-1.137523e-04
## SPAC25B8.16	5.326933e-04	-2.640644e-03	-1.624815e-03	3.563585e-03
## SPNCRNA.970	-1.376773e-04	-2.597719e-04	-2.064204e-04	7.069950e-04
## SPNCRNA.971	9.509197e-05	-1.746130e-04	-3.774013e-04	4.114431e-04
## SPAC694.03	-8.210003e-04	-6.395328e-04	6.379892e-04	-9.460376e-05
## SPAC694.04c	3.833032e-03	2.935224e-04	6.979917e-04	-2.286193e-03
## SPNCRNA.972	-1.849732e-04	-1.841061e-04	-4.498106e-04	1.026134e-03
## SPAC1F7.02c	-4.338470e-03	-6.705160e-03	-5.868974e-04	-3.825535e-03
## SPAC1F7.03	1.679244e-03	2.442340e-03	-7.286552e-04	1.546835e-02
## SPAC1F7.06	-3.639872e-05	7.552070e-07	2.091412e-06	-2.062241e-05
## SPAC1F7.07c	9.368593e-03	-2.335585e-03	-1.422739e-03	1.482799e-02
## SPSNORNA.14	-8.430000e-06	-5.288309e-07	-1.103174e-05	-6.075555e-06
## SPRRNA.20	4.320524e-03	-5.920308e-02	-9.769736e-03	1.848741e-03
## SPAC1F7.10	-6.746365e-05	-6.191316e-04	-1.074280e-04	-3.525703e-04
## SPAC1F7.11c	-3.489924e-04	3.986812e-04	-4.552143e-04	3.481492e-03
## SPAC1F7.12	-1.241910e-02	-2.589043e-03	7.942281e-04	5.677551e-03
## SPAC21E11.03c	7.798161e-04	-9.196500e-04	-4.357234e-04	-5.069916e-03
## SPAC21E11.05c	-2.471206e-04	5.675019e-04	-3.384267e-04	4.948757e-03
## SPAC21E11.08	6.432589e-04	-5.191088e-03	1.465423e-03	2.903215e-03
## SPATRNASER.03	9.254044e-04	1.523062e-03	-1.300926e-03	-7.116553e-04
## SPATRNAMET.03	-2.874292e-04	-6.253726e-04	-4.366432e-04	-8.896606e-06
## SPAC2C4.05	-1.147798e-03	1.940331e-03	-2.456624e-03	6.848699e-03
## SPAC2C4.06c	-1.320695e-03	-7.614943e-04	-8.446828e-04	4.447937e-04
## SPAC2C4.08	1.021881e-04	-5.038402e-04	-8.368111e-06	7.942385e-05
## SPAC2C4.11c	-3.107390e-03	-1.692909e-03	7.414903e-04	-4.925879e-03
## SPAC2C4.12c	8.261995e-04	1.077147e-03	-2.100339e-03	3.612667e-03
## SPAC2C4.14c	-2.678674e-03	1.053887e-04	1.000389e-03	1.518129e-03
## SPAC2C4.15c	7.347403e-04	-2.659140e-03	2.512561e-04	3.446587e-03
## SPAC2C4.16c	-1.770436e-02	-3.458725e-02	-1.257159e-02	1.643028e-02
## SPNCRNA.974	-6.545768e-06	-2.259498e-04	5.733303e-04	-2.235336e-03
## SPNCRNA.975	8.695290e-05	-2.276616e-04	4.742539e-05	-1.146816e-04
## SPNCRNA.976	1.027693e-04	2.056460e-05	-3.766059e-04	1.657281e-04
## SPAC25G10.01	1.706777e-03	-1.266725e-03	-8.699576e-04	2.655904e-03
## SPAC25G10.05c	-5.681153e-03	-1.941873e-03	-3.305991e-03	1.122804e-04
## SPAC25G10.06	-1.073229e-03	-1.370513e-02	-2.344610e-02	1.712332e-02
## SPAC25G10.07c	2.065498e-03	-6.022268e-04	-4.176565e-04	3.353141e-03
## SPAC25G10.09c	-8.064620e-04	-7.332210e-03	-3.094882e-03	1.342435e-02
## SPAC27F1.02c	-8.493873e-04	-1.000175e-02	3.102031e-03	-1.551421e-04
## SPAC27F1.03c	2.617069e-04	-4.185075e-04	-6.231470e-04	1.238887e-03
## SPAC27F1.04c	-4.462350e-04	3.577314e-04	-2.597817e-05	1.337517e-03
## SPAC27F1.07	-8.761136e-03	-1.448692e-03	5.412543e-04	8.932899e-03
## SPAC27F1.08	-2.408445e-04	1.355905e-03	7.803282e-04	2.488479e-03
## SPAC27F1.09c	2.173247e-03	-3.430976e-03	2.113384e-03	6.850110e-03
## SPAC23D3.01	5.201229e-04	-1.061511e-04	-2.065973e-03	4.399632e-03
## SPAC23D3.02	-3.250748e-04	7.052965e-04	6.439467e-04	3.314126e-03
## SPAC23D3.03c	-2.434042e-03	-3.075068e-03	-1.321934e-03	2.954824e-03
## SPNCRNA.979	1.949084e-03	9.810830e-04	-1.230252e-03	1.175175e-03
## SPAC23D3.08	-1.197887e-03	-1.148601e-03	-1.063965e-03	-6.337097e-04
## SPAC23D3.11	8.940623e-04	-1.093390e-03	7.229977e-05	2.370274e-03
## SPNCRNA.980	-1.115085e-04	-2.128271e-04	-3.590745e-04	1.416143e-04

## SPAC23D3.17	-1.948464e-04	-5.257823e-04	-1.994435e-04	3.515942e-04
## SPNCRNA.981	-1.356621e-04	2.413066e-04	9.492453e-05	1.542495e-05
## SPAC30.01c	2.032165e-03	1.244720e-04	-2.873780e-03	7.767474e-03
## SPAC30.02c	4.956224e-04	-4.587802e-04	3.167720e-04	1.376406e-03
## SPAC30.04c	-1.050559e-03	-2.835802e-03	-1.784062e-03	1.255682e-02
## SPAC29E6.01	9.498974e-04	6.732469e-04	-2.279597e-04	3.605560e-03
## SPAC29E6.03c	2.661588e-03	-2.170976e-03	3.910277e-04	4.905994e-03
## SPAC29E6.05c	-9.457988e-04	-4.204298e-04	2.960140e-04	1.043281e-04
## SPAC29E6.04	4.684850e-04	-3.996502e-04	-7.252366e-04	1.560763e-03
## SPAC29E6.07	-3.159622e-05	-2.177768e-04	-6.844203e-05	1.222574e-04
## SPAC29E6.08	-3.876980e-03	1.994939e-03	4.297926e-03	-1.777928e-02
## SPAC16.01	-1.911298e-04	-1.636889e-04	4.079519e-04	1.610265e-03
## SPNCRNA.986	-7.032765e-05	-4.760594e-05	-2.500564e-04	-1.528695e-04
## SPAC16.03c	2.591998e-03	-8.190725e-04	-1.603245e-03	3.093616e-03
## SPAC16.05c	-5.529497e-03	-6.366600e-05	4.813162e-03	-1.029098e-02
## SPAC9E9.01	2.655092e-05	-9.779730e-05	-1.667247e-04	-2.814976e-05
## SPAC9E9.17c	2.754035e-06	-5.767483e-06	-3.119475e-05	8.732388e-05
## SPNCRNA.987	-3.395563e-05	1.293643e-04	-1.022288e-04	2.510895e-05
## SPNCRNA.12	-2.940247e-05	-1.684826e-06	1.527947e-05	3.018560e-05
## SPAC9E9.03	2.981140e-02	1.773935e-02	-2.109355e-02	4.052942e-02
## SPAC9E9.04	-2.694207e-04	-1.035043e-03	-2.979449e-03	1.800401e-05
## SPAC9E9.09c	6.972755e-02	-1.539024e-02	-4.195955e-02	9.582175e-02
## SPNCRNA.989	1.401089e-04	2.658436e-04	-5.802404e-04	-4.006170e-04
## SPAC9E9.15	-3.452574e-05	-7.940819e-04	3.707586e-04	1.387324e-03
## SPNCRNA.311	-3.190530e-05	-1.950825e-05	-7.364136e-05	-8.658968e-05
## SPNCRNA.991	2.342521e-04	6.877490e-05	-2.577910e-04	-1.548681e-04
## SPAC17C9.14	-1.330348e-04	-5.659468e-04	1.034798e-03	2.894308e-04
## SPAC17C9.10	5.089798e-05	-1.480711e-03	-5.808955e-04	1.119776e-03
## SPAC17C9.07	-1.197340e-04	-8.108331e-04	-4.522017e-04	5.686624e-04
## SPAC17C9.05c	3.174536e-04	3.201189e-04	-6.871125e-04	1.435764e-03
## SPAC17C9.01c	-9.415674e-04	-1.357938e-03	-1.576520e-03	5.349443e-04
## SPAC1851.04c	-8.205032e-04	-1.794912e-03	-1.171964e-03	-4.628448e-04
## SPAC27D7.02c	2.524337e-03	-1.177350e-03	-1.325134e-03	4.133039e-03
## SPNCRNA.993	2.689013e-05	2.969672e-05	-1.110890e-04	9.297795e-05
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-2.644947e-03	-3.761323e-03	3.199190e-03	9.892902e-04
## SPNCRNA.995	-4.046453e-04	-7.775998e-05	-3.576008e-04	3.142129e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	1.752703e-04	1.134112e-04	-1.117109e-04	-3.219630e-04
## SPAC637.03	3.334129e-03	3.441833e-04	-7.847809e-03	8.847562e-03
## SPAC637.04	8.591195e-04	-8.310319e-04	-2.268221e-03	4.485685e-03
## SPAC637.05c	-6.313895e-03	-1.050432e-03	-1.687683e-03	3.873160e-03
## SPAC637.06	-5.937350e-03	-1.154387e-02	-4.241400e-03	1.408262e-02
## SPAC637.09	-3.408223e-03	-3.181106e-03	3.604684e-04	-1.741890e-03
## SPNCRNA.999	-4.989058e-05	-9.035137e-05	-4.589697e-05	-1.235804e-04
## SPAC637.11	8.596687e-04	2.599299e-05	-9.196201e-04	1.957788e-03
## SPAC637.12c	1.531974e-03	5.279441e-04	-2.657138e-03	6.237870e-03
## SPNCRNA.1000	3.492772e-05	-4.021685e-05	1.170158e-04	-8.950416e-06
## SPAC637.13c	-2.098727e-03	-2.230126e-03	-2.714202e-03	1.699420e-03
## SPNCRNA.249	-1.466111e-04	-8.040961e-05	-2.459593e-04	-1.020436e-04
## SPAC31F12.01	-7.656509e-04	-1.833530e-03	-2.827604e-03	5.184470e-03
## SPAC12B10.02c	8.310894e-04	-2.187790e-03	-2.056204e-03	3.483415e-03
## SPAC12B10.03	7.280314e-04	-1.368079e-04	-2.131007e-03	4.247655e-03

## SPNCRNA.1001	-1.634159e-04	-1.361442e-04	2.802857e-05	1.278202e-04
## SPAC12B10.04	-1.240286e-03	-3.572062e-03	-1.394550e-03	4.178300e-04
## SPAC12B10.07	-1.550165e-04	-3.630284e-03	-9.326153e-04	2.639512e-03
## SPAC12B10.08c	4.362859e-04	-6.306261e-05	-4.945363e-04	1.238619e-03
## SPAC12B10.09	-5.865129e-04	7.043919e-04	2.664851e-05	1.097678e-03
## SPAC12B10.10	7.727082e-04	-4.786360e-04	6.111608e-04	2.565206e-03
## SPNCRNA.1003	2.523299e-05	1.302806e-04	-9.232238e-05	2.002965e-04
## SPAC12B10.15c	-1.567342e-04	-2.950501e-04	3.352885e-04	4.821683e-04
## SPNCRNA.1004	3.324982e-04	7.980493e-05	-7.016086e-04	8.291521e-04
## SPAC1093.07	2.932576e-04	-3.073321e-04	9.335818e-07	-1.490105e-04
## SPAC1093.01	6.705837e-03	-2.689880e-03	-1.044643e-02	1.814361e-02
## SPAC1093.02	3.573018e-03	-1.209723e-03	-2.039496e-03	7.263443e-03
## SPAC1093.03	-3.429577e-05	2.577693e-04	-1.275589e-03	3.525147e-03
## SPAC1093.04c	-1.564888e-03	-1.957228e-03	-1.333641e-03	3.517846e-03
## SPAC1093.06c	1.141057e-04	-1.574578e-03	-4.474610e-03	1.022216e-02
## SPNCRNA.1006	-2.722712e-06	-2.221014e-04	1.213976e-04	9.986363e-05
## SPAC30C2.02	1.868204e-03	-1.022190e-03	4.333415e-04	2.190148e-03
## SPAC30C2.04	8.328366e-03	-8.048949e-03	3.002171e-03	-7.479839e-03
## SPAC30C2.05	-3.815200e-04	-2.097005e-04	-7.177525e-04	1.534633e-03
## SPAC30C2.07	-5.585838e-04	1.482699e-03	-3.517442e-03	5.136148e-03
## SPNCRNA.1008	-3.551688e-04	2.516107e-05	-1.152127e-04	-4.143285e-04
## SPAC1635.01	-3.390974e-03	4.001474e-04	3.337686e-03	3.507460e-03
## SPNCRNA.1009	-5.592297e-05	-1.242629e-05	-1.529250e-04	6.202808e-05
## SPAC144.02	-4.675370e-04	-2.473844e-03	-1.453468e-04	2.140293e-03
## SPAC144.03	6.657710e-03	6.845330e-03	3.121818e-03	-8.510152e-04
## SPAC144.04c	-1.778357e-03	-4.074110e-03	3.569841e-03	1.221484e-03
## SPAC144.05	2.341213e-04	6.827443e-04	-2.059576e-03	4.213317e-03
## SPAC144.10c	3.376749e-04	-1.468918e-03	-6.641009e-04	2.353404e-03
## SPNCRNA.1013	2.062887e-05	6.692029e-05	1.736952e-04	5.209261e-05
## SPNCRNA.1014	4.999310e-05	6.976782e-05	-1.251051e-04	1.223047e-04
## SPAC144.12	4.666597e-03	1.086415e-03	2.707601e-03	-2.406464e-03
## SPAC144.13c	-2.510034e-04	-5.875846e-04	-1.291625e-03	2.613931e-03
## SPAC144.16	-6.793720e-05	-1.022545e-03	-6.129070e-04	-8.299461e-04
## SPNCRNA.1016	1.931261e-04	4.639034e-04	-3.625564e-04	2.892929e-04
## SPNCRNA.1017	2.642359e-05	-1.054110e-05	-1.894399e-06	1.299671e-04
## SPAC1834.03c	1.969615e-03	2.260269e-02	-7.140496e-03	3.367958e-02
## SPAC1834.04	-2.576880e-04	2.328133e-02	-2.891397e-03	1.914617e-02
## SPAC1834.05	-2.586401e-03	1.203224e-03	1.140661e-03	7.021014e-03
## SPAC1834.08	8.123536e-04	-3.764267e-03	-4.141021e-03	1.164289e-02
## SPATRNATHR.05	-1.532185e-04	-2.093429e-03	5.090056e-03	-5.569789e-03
## SPAC1834.10c	-4.554348e-05	7.957025e-04	-1.463952e-03	2.496555e-03
## SPAC1834.13	-2.215483e-05	2.184432e-06	-4.357123e-05	-7.172472e-06
## SPAC17D4.01	7.816989e-03	-1.478798e-03	-7.171181e-03	9.536323e-03
## SPAC17D4.02	-9.605242e-04	1.850118e-03	-4.088931e-04	2.105019e-03
## SPAC17D4.04	9.863008e-04	-2.039386e-03	-1.079323e-03	1.229589e-03
## SPAC458.02c	5.071724e-03	-8.198448e-03	-5.975335e-04	3.418779e-03
## SPNCRNA.1019	2.678047e-04	4.871542e-04	-2.909704e-04	4.891286e-04
## SPAC458.03	1.654077e-03	-1.586541e-03	9.958554e-05	5.205684e-03
## SPNCRNA.1020	1.834201e-04	-2.013928e-04	-2.842773e-05	7.452840e-05
## SPAC458.07	1.100111e-03	5.086036e-04	-6.650231e-04	3.749216e-03
## SPAPYUG7.02c	2.285593e-04	1.588566e-03	-2.051651e-03	2.523420e-03
## SPNCRNA.1022	5.016267e-05	5.511840e-05	1.788809e-04	-3.148056e-04
## SPAC1782.01	-3.463624e-03	-1.561811e-03	-2.006325e-03	8.660735e-03
## SPAC1782.03	5.043150e-04	-2.487597e-05	-8.480454e-04	1.018148e-03

## SPAC1782.06c	3.144346e-05	-2.067057e-03	4.540149e-03	2.801884e-03
## SPNCRNA.1023	-1.406620e-04	2.882468e-04	-1.411203e-04	-7.122081e-04
## SPAC1782.09c	1.306114e-04	-8.125639e-06	-4.503328e-04	3.004307e-03
## SPAC1782.10c	-9.083905e-03	-2.737500e-03	1.599594e-03	-5.746486e-03
## SPAC1782.11	6.658251e-03	-1.480458e-03	-5.126099e-04	5.957873e-03
## SPAC11H11.02c	-1.701324e-03	-8.998016e-04	7.746683e-04	5.922062e-05
## SPAC11H11.01	-1.740541e-04	-1.161643e-04	-8.234324e-04	1.121121e-04
## SPAC11H11.03c	-9.085756e-04	-1.184561e-03	-2.293220e-05	2.208945e-04
## SPAC11H11.04	-2.013111e-04	7.200291e-05	4.343040e-07	2.792985e-04
## SPAC11H11.06	-2.155693e-03	-1.493244e-02	9.600585e-03	-4.339361e-03
## SPAC22F8.03c	-1.567377e-05	4.293519e-06	-5.982788e-05	-3.956295e-05
## SPAC22F8.07c	-1.366058e-03	-1.894937e-03	1.506456e-04	5.018584e-04
## SPAC22F8.08	-3.252907e-03	-2.720437e-03	1.204653e-03	4.215635e-03
## SPAC22F8.11	-3.505696e-04	-1.565237e-04	-8.872148e-04	8.114145e-03
## SPAC22F8.12c	2.504332e-05	-1.046169e-03	-1.088297e-03	1.648649e-03
## SPAC20G4.02c	-6.763717e-05	-2.374892e-04	-8.732487e-04	2.883770e-03
## SPAC20G4.03c	-7.732550e-04	-1.853746e-04	2.294368e-03	1.085552e-03
## SPAC20G4.04c	5.554554e-04	-1.118104e-03	-1.132945e-03	2.687507e-03
## SPNCRNA.1027	-2.473451e-04	-3.993947e-04	-3.213881e-04	1.175056e-04
## SPAC20G4.09	-1.010978e-04	-1.779160e-05	1.570454e-04	2.885242e-05
## SPAC20G4.07c	-1.333299e-03	1.017653e-03	4.119757e-04	1.905976e-03
## SPAC4F10.03c	-6.529383e-04	-3.710598e-04	-7.745066e-04	2.305193e-03
## SPAC4F10.04	5.403494e-04	-4.464043e-05	3.789018e-04	3.915817e-04
## SPNCRNA.1028	-5.248368e-04	-1.970367e-05	-3.263150e-05	3.952603e-04
## SPAC4F10.08	1.781474e-05	9.381982e-05	-2.914304e-04	7.868554e-04
## SPAC4F10.12	-6.613322e-04	3.260445e-04	-3.060832e-03	2.417227e-03
## SPAC4F10.13c	2.326617e-03	-3.282889e-03	-8.755430e-03	2.671231e-02
## SPNCRNA.1030	9.589614e-05	2.306781e-04	-5.161259e-05	2.614259e-04
## SPAC4F10.15c	3.139231e-04	-3.869793e-05	-4.653975e-04	1.363852e-03
## SPAC4F10.16c	-2.781782e-03	1.642538e-03	-6.695723e-04	6.774730e-03
## SPAC4F10.18	-3.511970e-04	-1.207242e-03	-2.109164e-03	5.850560e-03
## SPAC4F10.19c	4.488370e-04	-5.509630e-04	1.673565e-04	8.156063e-04
## SPAC19B12.01	-9.851890e-04	-4.291112e-04	1.450224e-03	-5.097717e-04
## SPNCRNA.255	-1.558711e-05	1.166443e-04	6.079587e-05	2.220078e-04
## SPAC19B12.03	-4.119192e-03	1.610554e-04	6.353537e-03	1.186568e-02
## SPNCRNA.1034	1.273908e-04	2.170482e-06	3.704210e-04	3.583893e-04
## SPAC19B12.04	-8.152827e-03	-8.179507e-03	-8.773948e-03	2.398312e-03
## SPAC19B12.07c	-1.229577e-03	1.909556e-05	1.344752e-04	2.430388e-03
## SPAC19B12.10	1.317785e-04	5.565145e-04	-7.537579e-04	1.026816e-03
## SPAC19B12.12c	2.124175e-04	4.433433e-04	9.974634e-05	2.322959e-04
## SPAC19B12.13	-7.306794e-05	6.222543e-04	-8.420561e-05	-1.077752e-04
## SPNCRNA.1035	-1.501421e-04	-5.229271e-06	2.974089e-04	-3.869547e-05
## SPAPB8E5.04c	-1.473107e-03	9.526960e-05	1.336898e-04	3.273291e-03
## SPAPB8E5.06c	2.134109e-03	-4.206887e-03	2.282716e-03	-1.429060e-02
## SPAC1B3.01c	-4.313524e-03	-1.233080e-03	-6.080282e-04	6.360324e-03
## SPAC1B3.02c	-1.221247e-03	-1.901636e-03	2.512161e-03	2.872613e-05
## SPNCRNA.1036	3.167513e-05	-3.965623e-05	1.630105e-05	-8.382792e-05
## SPAC1B3.03c	3.986959e-02	-3.087667e-02	-2.120860e-02	1.426056e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	1.612867e-04	2.769735e-06	-2.910546e-05	2.391709e-05
## SPNCRNA.1038	2.326531e-04	7.390075e-04	1.213555e-03	6.999819e-03
## SPAC1B3.07c	-9.407968e-04	8.606002e-04	-1.326593e-03	2.245533e-03
## SPAC1B3.08	1.383608e-03	-1.492334e-03	2.104887e-03	1.317835e-03
## SPAC1B3.10c	-7.731597e-04	-1.079524e-03	-3.810864e-04	9.144701e-04

## SPAC1B3.11c	1.927854e-04	3.656464e-04	-2.345340e-04	1.049516e-03
## SPAC1B3.20	-3.324051e-04	-1.125102e-03	1.385786e-03	7.315694e-04
## SPAC1B3.13	-1.750578e-03	-1.658253e-03	-7.504250e-04	-6.704453e-03
## SPAC1B3.15c	-3.458950e-04	2.833084e-04	-3.183155e-04	-6.250998e-04
## SPAC1B3.16c	6.226042e-02	1.007549e-02	-2.030552e-02	-3.203899e-03
## SPNCRNA.1039	5.739664e-05	-3.713350e-05	-6.605759e-05	-3.417256e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	-2.174036e-04	6.171015e-04	-5.342389e-04	1.745563e-03
## SPAC1952.05	1.447967e-03	2.494824e-04	-2.839642e-03	7.243210e-03
## SPAC1952.06c	1.391674e-04	-1.140758e-03	-8.846761e-04	2.360873e-03
## SPAC1952.08c	-9.746733e-04	-7.269398e-04	-1.817575e-03	3.358369e-04
## SPAC1952.11c	-2.006347e-04	-2.046483e-03	-8.824981e-04	2.645682e-03
## SPAC1952.13	1.340074e-03	-1.394018e-03	-1.229378e-03	1.514755e-03
## SPAC1952.14c	-5.823614e-04	-2.753066e-04	-8.909959e-04	6.889180e-04
## SPAC1952.15c	-1.759925e-04	-4.284651e-04	-2.954494e-05	2.129724e-04
## SPAC890.02c	6.365120e-07	-4.071562e-04	-1.411139e-03	2.291066e-03
## SPAC890.05	1.107847e-03	5.059992e-04	-6.445000e-04	-3.346085e-05
## SPAC890.07c	-9.596378e-05	-1.130390e-03	1.564058e-03	-8.396261e-03
## SPAC890.08	7.302593e-03	-6.061180e-02	-4.182657e-02	-9.394233e-03
## SPNCRNA.258	-7.017467e-05	-6.664023e-05	1.517063e-05	-2.834272e-05
## SPAC22E12.01	2.682810e-04	3.304197e-05	-2.757866e-04	1.378882e-03
## SPAC22E12.02	5.783228e-04	1.088963e-06	-5.800533e-04	-9.234636e-04
## SPAC22E12.03c	-3.932720e-04	-4.314321e-03	1.164326e-03	2.815059e-03
## SPAC22E12.05c	1.068547e-03	-8.470841e-04	-9.602836e-04	2.832595e-03
## SPAC22E12.06c	1.396330e-03	2.285928e-03	-2.208183e-03	7.556547e-03
## SPAC22E12.07	1.705021e-04	-5.415464e-03	-2.565119e-03	-9.764766e-04
## SPAC22E12.08	-6.079673e-04	1.615264e-04	-2.215915e-04	-3.084035e-04
## SPAC22E12.11c	4.806157e-04	-1.083571e-03	-2.145036e-03	5.076739e-03
## SPAC22E12.14c	2.081114e-03	2.012900e-03	-4.794865e-03	1.386802e-02
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	-5.738218e-04	1.279078e-03	-6.941646e-04	1.122925e-03
## SPAC1006.05c	5.929016e-04	-1.246932e-03	-1.999196e-03	3.268068e-03
## SPAC1006.06	-4.832920e-04	8.735073e-04	-4.402407e-03	5.992355e-03
## SPAC1006.07	3.235940e-02	4.768501e-02	6.836275e-02	-4.143256e-02
## SPAC1006.08	-6.291618e-04	-6.188594e-04	1.570586e-04	1.467784e-03
## SPAC1006.09	-1.922099e-03	-2.375710e-03	-2.394824e-03	1.050348e-02
## SPAC1250.05	-1.947034e-03	-2.909546e-03	5.128550e-04	-9.093413e-04
## SPAC1250.04c	6.991624e-05	1.218420e-04	-5.895813e-04	1.256323e-03
## SPAC1250.03	-4.262226e-04	6.376397e-04	-2.435566e-04	3.968489e-04
## SPAC1250.02	-1.774268e-04	-1.508087e-05	1.606612e-04	-2.765091e-04
## SPNCRNA.1046	6.846324e-06	-9.787839e-05	2.663231e-05	-1.165193e-05
## SPAC29A4.20	-2.493343e-03	-8.482836e-04	1.457522e-04	9.526731e-06
## SPAC29A4.19c	-3.408051e-05	4.435779e-04	7.411350e-04	2.682942e-03
## SPAC29A4.17c	-2.126046e-04	3.036972e-04	-2.321749e-04	5.853422e-04
## SPAC29A4.16	-1.869135e-03	-3.828034e-03	3.581493e-03	8.593173e-03
## SPAC29A4.15	3.374795e-03	-5.105572e-03	-1.166176e-03	4.325558e-03
## SPNCRNA.1047	-3.590765e-05	1.472179e-04	-8.066370e-05	-2.579204e-04
## SPAC29A4.12c	-2.574002e-04	1.009447e-05	-1.958027e-04	-7.903923e-05
## SPAC29A4.09	9.028702e-04	-1.582672e-03	-1.577191e-03	2.265393e-03
## SPAC29A4.08c	-5.137421e-04	-1.581330e-03	2.142283e-03	7.088806e-04
## SPAC29A4.07	-5.679308e-04	6.756478e-04	-1.398345e-03	1.837482e-03
## SPAC29A4.06c	9.948821e-05	-5.490919e-04	1.827944e-04	8.680146e-04
## SPAC29A4.04c	5.036392e-03	-4.918882e-03	2.634078e-03	-5.949983e-03
## SPAC29A4.02c	1.152337e-02	-3.222597e-02	-2.688123e-03	-2.635963e-04

## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-1.427710e-03	-2.590792e-03	-1.391630e-03	2.427846e-03
## SPSNORNA.16	1.098302e-02	1.423193e-02	3.230429e-02	5.241903e-03
## SPAC26F1.13c	1.728739e-02	1.322720e-03	-2.705378e-03	5.282413e-03
## SPAC26F1.11	4.611498e-06	-6.801292e-05	2.478527e-04	-5.254272e-04
## SPAC26F1.07	-2.801737e-02	-3.751715e-02	2.333637e-02	-1.400163e-03
## SPAC26F1.05	2.569813e-04	-3.446508e-05	-3.316279e-04	-1.699168e-04
## SPNCRNA.1056	6.627303e-05	-3.869140e-04	-1.455566e-04	8.723260e-05
## SPAC26F1.04c	7.371424e-03	1.503456e-03	-3.514538e-03	7.729013e-03
## SPAC26F1.03	8.029746e-03	5.396715e-03	-2.216659e-03	-5.919882e-03
## SPAC26F1.01	1.396814e-03	1.140259e-03	-1.125787e-03	3.976234e-03
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-2.788762e-05	-2.040986e-04	-2.670039e-04	2.839358e-04
## SPAC19D5.01	2.252456e-03	-8.965419e-04	1.284589e-03	-2.106591e-02
## SPAC19D5.02c	-1.190774e-03	2.962921e-04	-2.562033e-03	4.522729e-03
## SPAC19D5.04	-2.918806e-03	-8.696082e-03	1.571680e-03	1.532774e-02
## SPAC19D5.05c	5.090983e-04	-5.423888e-04	-2.240531e-04	-9.077278e-04
## SPAC19D5.11c	1.246722e-04	3.999815e-04	-1.707500e-04	4.737324e-05
## SPNCRNA.1060	5.606285e-05	7.669292e-05	1.924477e-05	6.825256e-04
## SPAC14C4.01c	7.342280e-04	-1.438047e-03	-1.707894e-03	2.267368e-03
## SPAC19D5.07	2.345209e-05	5.065058e-04	-1.994442e-05	2.082855e-04
## SPNCRNA.1062	-2.726698e-05	-4.010127e-05	8.253015e-05	2.122407e-04
## SPAC14C4.03	2.231683e-05	1.291691e-04	-1.628468e-05	6.173348e-06
## SPAC14C4.04	-8.574709e-04	-2.724935e-04	-9.880939e-04	3.889874e-03
## SPAC14C4.05c	-1.087674e-03	-5.189505e-04	-9.975961e-04	1.765441e-03
## SPAC14C4.07	1.142888e-03	1.356978e-03	-2.579306e-03	8.617437e-03
## SPAC14C4.08	8.620436e-05	-4.066468e-04	-2.607241e-05	-2.201050e-04
## SPAC14C4.09	-1.924338e-03	-5.901550e-04	1.186812e-03	7.170206e-03
## SPAC14C4.10c	-6.661062e-04	-8.530470e-04	4.028402e-04	-4.792261e-05
## SPAC14C4.11	-3.009706e-03	-4.209138e-04	-2.473596e-03	5.341833e-03
## SPNCRNA.261	-1.432610e-04	-9.930071e-05	-4.457785e-05	-9.517713e-05
## SPAC14C4.13	-4.391759e-04	-5.929776e-04	8.477656e-04	1.410374e-03
## SPAC14C4.14	-9.751033e-03	-3.916394e-03	3.313322e-03	2.378782e-03
## SPAC14C4.15c	1.584841e-04	3.722114e-04	-9.749743e-04	2.298530e-03
## SPAPJ760.03c	-1.050082e-03	2.035187e-03	3.113166e-03	2.619088e-03
## SPNCRNA.1064	-5.264179e-05	8.461510e-05	7.178664e-05	1.353551e-04
## SPAC2H10.02c	5.417007e-04	-5.873196e-04	-1.424039e-03	2.162952e-03
## SPAC11E3.03	7.373346e-04	-1.287121e-03	9.173675e-04	4.263717e-04
## SPAC11E3.04c	-1.218223e-03	-2.390874e-04	-7.343996e-04	-3.714099e-04
## SPAC11E3.07	3.821368e-04	-9.585353e-04	5.297265e-04	1.075794e-02
## SPAC11E3.08c	1.255786e-04	4.711054e-04	-6.539861e-05	5.048435e-04
## SPAC11E3.12	-1.731836e-04	3.748311e-04	-5.814733e-05	9.580032e-04
## SPAC11E3.13c	-9.172707e-03	3.686897e-03	2.754457e-03	3.006769e-03
## SPNCRNA.1068	-6.379104e-05	-2.549628e-04	1.206112e-04	-1.620000e-04
## SPAC11E3.15	9.583871e-04	-3.757817e-02	1.068364e-02	-6.192738e-03
## SPNCRNA.1070	-2.161361e-04	-5.990417e-04	-2.692695e-04	-1.753747e-04
## SPAP8A3.05	1.000951e-03	-4.185594e-04	-1.045818e-03	1.427996e-03
## SPAP8A3.06	1.750503e-05	-2.898780e-03	1.332115e-03	-2.180487e-03
## SPNCRNA.525	-1.012441e-04	1.081870e-04	-6.608182e-05	-2.090378e-04
## SPNCRNA.1073	-5.001313e-04	2.063069e-04	1.047148e-04	4.571445e-04
## SPAP8A3.10	3.748101e-04	-1.202431e-03	-1.184133e-03	2.045965e-03
## SPAP8A3.12c	1.732780e-03	-1.729216e-02	-1.759875e-03	1.676256e-02
## SPAP8A3.13c	-2.605396e-04	-4.983679e-04	-9.791631e-04	4.034474e-03

## SPAC4D7.01c	-2.092583e-03	4.334434e-03	-5.723939e-03	2.739340e-03
## SPNCRNA.1075	-7.291792e-05	9.962401e-05	2.335438e-05	-8.618492e-05
## SPAC4D7.04c	5.437008e-04	-7.805886e-05	-1.552137e-03	7.205427e-03
## SPAC4D7.05	1.333809e-02	-6.170341e-03	1.606546e-02	-8.115001e-03
## SPAC4D7.06c	1.633093e-04	-3.899153e-04	-3.988992e-04	9.284873e-05
## SPNCRNA.1077	-2.060703e-05	-2.877858e-04	1.013871e-04	7.610455e-05
## SPAC4D7.07c	5.530083e-04	-4.563380e-04	4.207363e-04	1.209685e-03
## SPAC4D7.08c	1.280547e-02	8.095942e-03	-2.221809e-03	1.070848e-02
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	-1.679076e-04	-4.804628e-05	-1.702330e-04	1.136355e-04
## SPAC4D7.09	8.923711e-04	-4.147000e-03	-1.173988e-03	-5.912093e-04
## SPAC4D7.14	-2.125671e-04	-2.270947e-05	2.915373e-05	4.230407e-05
## SPAC3G6.04	1.043803e-03	-5.336902e-04	4.236463e-04	-3.606636e-04
## SPAC3G6.06c	2.729980e-04	-2.812282e-04	-1.677718e-04	1.509945e-03
## SPAC3G6.07	8.794664e-04	-2.204449e-04	1.939953e-04	4.724019e-04
## SPAC3G6.11	-1.444141e-05	-1.054404e-04	-1.994868e-03	4.109590e-03
## SPAC3G6.13c	-1.129991e-02	-6.008333e-02	-4.782592e-02	4.910626e-02
## SPNCRNA.267	-2.359540e-05	-4.299183e-05	9.701779e-05	-1.796731e-04
## SPAC29B12.02c	3.480540e-03	-6.639221e-03	-3.919745e-03	1.392201e-02
## SPAC29B12.04	2.263714e-02	2.022329e-02	-1.261380e-03	-2.298345e-02
## SPAC29B12.05c	2.395052e-04	-5.333000e-04	-2.560580e-05	7.759490e-04
## SPNCRNA.1081	3.267988e-04	8.194130e-04	-2.398893e-04	2.770894e-04
## SPAC29B12.06c	3.089526e-04	4.191531e-04	-6.505627e-04	5.852283e-03
## SPAC29B12.07	5.945602e-04	-3.932366e-03	-2.485210e-03	7.027517e-03
## SPNCRNA.1082	5.933719e-04	1.253486e-03	-4.226479e-05	6.378348e-04
## SPNCRNA.270	1.717836e-06	1.401977e-05	-1.858514e-05	-4.176615e-05
## SPAC29B12.08	2.092573e-03	-1.145453e-03	-8.114955e-04	5.611723e-03
## SPAC29B12.10c	1.241177e-02	1.290065e-03	-4.825603e-03	2.961679e-02
## SPAC29B12.11c	2.874292e-03	-1.971470e-04	2.262278e-04	1.148508e-03
## SPATRNASER.04	-2.581000e-03	2.549807e-03	1.627466e-03	-2.362212e-03
## SPAC29B12.13	-7.807302e-07	-2.572257e-04	3.975120e-04	9.647883e-04
## SPNCRNA.271	2.934975e-05	3.640537e-05	5.139308e-05	1.398301e-05
## SPNCRNA.272	5.733674e-06	-1.714519e-05	-3.730691e-05	9.987743e-06
## SPAC1039.01	1.394093e-03	5.468304e-04	-2.460407e-03	4.459488e-03
## SPAC1039.02	1.652212e-02	1.784737e-02	-1.598224e-02	2.868435e-02
## SPAC1039.03	2.371200e-04	1.153004e-04	-1.873270e-03	1.816150e-03
## SPAC1039.05c	1.426499e-03	-5.244944e-04	-8.979821e-04	4.311744e-03
## SPNCRNA.1084	-1.021268e-04	-1.841810e-04	5.855390e-05	-1.283122e-04
## SPAC1039.06	3.188196e-04	1.331746e-03	-1.405961e-03	1.378739e-03
## SPNCRNA.1085	-5.654241e-05	-4.523635e-05	2.174850e-05	-1.583817e-04
## SPAC1039.08	2.031256e-04	-2.811567e-04	-4.368588e-04	4.807101e-04
## SPNCRNA.1086	5.304313e-05	-3.439475e-05	-3.837958e-04	2.805171e-04
## SPNCRNA.275	-8.927935e-05	2.562864e-05	-7.324459e-07	-6.180481e-05
## SPAC1039.09	3.257130e-05	8.393451e-04	-5.227653e-04	7.104672e-04
## SPAC1039.11c	-4.531036e-05	-1.228725e-04	-3.089867e-04	8.821100e-04
## SPNCRNA.1087	4.480684e-04	1.908619e-04	-6.777809e-04	1.722316e-03
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	2.540612e-05	5.454726e-04	-9.135805e-05	3.905142e-04
## SPNCRNA.1089	-1.238541e-04	3.827721e-05	-2.719019e-04	1.158424e-04
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-1.241574e-02	-1.018659e-02	-1.065612e-02	5.602230e-02
## SPNCRNA.278	-6.436208e-05	-5.532517e-06	-9.707060e-05	-1.988319e-05
## SPAC922.06	1.642918e-03	1.074818e-03	-1.484177e-03	1.476717e-03
## SPAC922.07c	-1.078930e-03	1.513613e-04	-3.970224e-04	8.488899e-04

## SPNCRNA.1090	-1.547924e-04	-3.349041e-05	9.621899e-05	1.045280e-04
## SPNCRNA.1091	-2.336182e-04	-4.408344e-04	-4.742023e-05	4.475665e-05
## SPNCRNA.1093	1.008250e-05	-4.753434e-05	-5.082049e-05	1.131069e-04
## SPAC869.06c	1.348843e-04	-6.769009e-04	5.198141e-05	5.152903e-04
## SPNCRNA.279	-1.038313e-05	-6.586220e-05	-9.917661e-05	-5.480901e-06
## SPAC869.05c	1.667460e-03	-9.370262e-04	-1.055874e-04	1.004389e-03
## SPAC869.04	3.319248e-06	-3.283923e-05	7.412350e-06	1.870139e-05
## SPAC869.03c	8.437153e-06	-2.293482e-05	1.058318e-06	3.785616e-05
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	-2.943355e-05	1.466355e-04	-2.391827e-05	-1.502170e-05
## SPAC869.02c	-5.698215e-03	-1.011902e-03	-1.337333e-04	3.557864e-03
## SPAC869.01	-8.995277e-05	-8.105626e-05	-2.608251e-05	6.326877e-05
## SPAC186.01	-5.221304e-04	-1.003352e-03	-9.400106e-04	5.284285e-04
## SPNCRNA.96	1.329651e-05	-1.682247e-05	1.615744e-05	1.044944e-05
## SPAC186.03	6.433715e-06	3.121623e-05	-4.955564e-05	4.530732e-05
## SPAC186.04c	2.531807e-05	5.202892e-04	1.099407e-05	-1.378030e-04
## SPAC186.06	2.389125e-04	1.595976e-04	-2.797473e-05	-1.611693e-05
## SPNCRNA.310	-4.879767e-06	1.355852e-06	-2.377333e-06	-2.013544e-06
## SPAC750.01	2.589004e-04	2.224637e-04	6.300667e-04	1.114467e-04
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	-6.443666e-05	3.385732e-06	7.396169e-05	-5.645097e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	5.268830e-05	-3.134064e-05	-3.645261e-05	6.640372e-05
## SPAC212.08c	-2.011472e-05	-1.106172e-04	3.365613e-05	1.794052e-04
## SPAC212.07c	9.746465e-05	7.278072e-05	4.623848e-05	-4.540253e-06
## SPAC212.06c	3.898210e-05	3.167852e-06	-1.623228e-05	-1.651411e-04
## SPAC212.05c	-7.904722e-07	2.462734e-06	-1.614217e-05	7.824996e-06
## SPAC977.01	-7.457549e-06	-7.639807e-06	5.959264e-05	-2.009343e-05
## SPAC977.18	8.441427e-06	1.333098e-05	3.401122e-05	2.506661e-05
## SPAC977.02	8.675686e-06	-8.059935e-06	-1.969791e-05	-8.181217e-06
## SPAC977.06	-4.788080e-05	-1.989012e-05	-2.530453e-05	3.414949e-05
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	1.050358e-04	-1.141383e-03	3.037353e-04	9.292437e-04
## SPAC977.10	-3.911513e-04	-8.040147e-05	-2.404397e-04	3.329033e-03
## SPAC977.12	4.569031e-03	9.861514e-04	-1.178107e-03	7.148791e-04
## SPAC977.14c	-3.400774e-03	-3.885344e-03	2.246687e-03	-2.907879e-04
## SPAC977.17	3.120545e-03	-6.508826e-04	-2.625620e-03	4.545107e-03
## SPNCRNA.137	2.801450e-05	-7.735751e-05	-3.581833e-05	8.974971e-06
## SPNCRNA.83	-2.265219e-04	4.826872e-04	-5.796640e-06	-2.978874e-04
## SPAPJ695.02	9.503364e-05	-1.311778e-05	-2.250788e-04	2.344596e-04
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	8.410848e-05	2.478348e-05	6.471679e-06	2.092339e-04
## SPAC1F8.02c	-9.889724e-07	-5.492062e-06	-4.932005e-05	6.099310e-05
## SPAC1F8.03c	7.003956e-03	-2.968796e-03	-3.056918e-03	1.490808e-02
## SPNCRNA.604	1.751522e-04	-5.794191e-05	-5.157405e-04	5.794023e-04
## SPNCRNA.139	-9.995132e-07	5.036316e-06	-5.908910e-06	2.950285e-06
## SPNCRNA.605	1.183521e-03	-1.183211e-03	-1.612445e-03	4.877290e-03
## SPAC1F8.04c	-4.443000e-05	-1.681649e-04	-2.735650e-05	1.864923e-04
## SPNCRNA.606	1.705809e-04	4.810779e-05	2.979127e-04	-5.081775e-04
## SPAC1F8.05	-3.945918e-05	4.934951e-05	-3.341251e-06	7.565331e-05
## SPAC1F8.07c	5.242572e-02	-7.089145e-02	2.365400e-02	8.182939e-02
## SPAC11D3.04c	9.529178e-03	6.315575e-04	-3.733173e-03	1.670859e-03
## SPAC11D3.06	1.131430e-03	1.063086e-03	-1.491371e-03	1.815412e-03
## SPAC11D3.09	4.786732e-04	1.018359e-03	1.229746e-04	-1.690020e-04

## SPAC11D3.10	3.653850e-04	-2.392675e-04	-4.869975e-04	1.336602e-03
## SPAC11D3.13	1.124858e-03	-9.177066e-04	-2.101887e-03	7.003649e-03
## SPAC11D3.15	7.542351e-04	-5.798156e-03	-5.268150e-03	1.081734e-02
## SPAC11D3.17	3.091844e-04	2.879854e-04	-7.140522e-04	8.019779e-04
## SPNCRNA.611	3.826105e-04	-5.763191e-04	2.047789e-04	3.269606e-04
## SPAC5H10.02c	-3.061928e-04	-9.177942e-04	3.522021e-04	1.031483e-03
## SPNCRNA.613	1.789266e-04	1.605921e-04	-1.634266e-04	-1.226626e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-1.265407e-03	4.304738e-04	-1.181560e-03	1.437409e-03
## SPAC5H10.07	3.726093e-04	1.347041e-04	-3.171290e-04	-1.183098e-04
## SPNCRNA.614	3.012705e-04	-5.529985e-04	-4.064523e-04	3.868709e-04
## SPNCRNA.615	8.296521e-05	-2.102619e-05	-2.467531e-04	-5.840808e-05
## SPNCRNA.616	2.411689e-04	-2.669370e-04	-2.791139e-04	2.110490e-04
## SPAC13G6.02c	3.416549e-03	-2.125176e-02	-7.305699e-03	1.954696e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-7.130153e-04	-3.069527e-03	-1.400740e-03	5.002211e-03
## SPAC13G6.05c	-2.176289e-04	-1.146109e-03	-3.215737e-04	5.914907e-05
## SPAC13G6.06c	4.030986e-03	2.833466e-04	-3.382552e-03	1.631756e-02
## SPAC13G6.07c	2.516978e-02	-2.308165e-02	1.671452e-02	-8.702117e-04
## SPAC13G6.08	1.361771e-04	5.381123e-04	-4.973775e-04	3.966145e-04
## SPNCRNA.619	-1.224840e-03	-7.436675e-04	1.617526e-04	-1.811072e-03
## SPAC13G6.09	4.031826e-04	-1.398976e-03	-1.516741e-03	3.803052e-04
## SPAC13G6.10c	-8.791737e-03	-5.531765e-03	5.529959e-03	1.302212e-02
## SPAC13G6.11c	1.692973e-03	-2.205487e-03	-2.108165e-03	3.472193e-03
## SPAC13G6.12c	9.271421e-04	1.133046e-03	2.992217e-04	-6.088777e-04
## SPAC13G6.13	7.901905e-07	1.514567e-05	-1.007890e-05	-1.123722e-05
## SPAC24B11.06c	1.377552e-03	-1.962387e-03	-9.514744e-04	-1.392943e-03
## SPNCRNA.622	1.803220e-04	4.357838e-04	-2.881583e-04	1.024008e-03
## SPAC24B11.07c	-6.606325e-04	-1.854320e-03	1.564985e-04	7.286577e-04
## SPNCRNA.623	4.567870e-04	-3.767100e-04	-6.842738e-04	1.851179e-04
## SPAC24B11.10c	-4.937263e-04	-2.880759e-03	-1.649426e-03	5.661406e-03
## SPAC24B11.14	2.166302e-05	1.429962e-04	1.526286e-04	3.492717e-04
## SPAC24B11.13	1.215273e-03	-1.319306e-03	-4.041303e-04	1.824822e-03
## SPAC806.03c	1.847112e-03	-5.391194e-03	-1.127357e-03	2.299631e-03
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	3.901019e-04	-2.902833e-03	-1.311583e-04	2.757775e-03
## SPAC806.05	-8.612831e-04	-1.150306e-03	-1.323851e-03	1.169773e-03
## SPNCRNA.629	-1.863942e-06	-2.425690e-04	5.238031e-04	-5.821703e-04
## SPAC806.08c	-4.813876e-04	-8.508814e-04	-5.113608e-04	2.247025e-03
## SPAC1639.01c	4.022262e-03	-1.719610e-03	-3.272367e-03	8.864085e-03
## SPAC1639.02c	2.467602e-04	-1.157288e-03	-3.828556e-03	1.058422e-02
## SPNCRNA.631	1.544802e-05	4.125249e-05	-9.891284e-07	2.383013e-05
## SPAC1F5.10	-2.156302e-04	-7.671738e-04	-2.111429e-03	8.036506e-04
## SPNCRNA.634	-4.714942e-04	6.618152e-04	-6.551723e-04	-6.870088e-05
## SPAC1F5.09c	-2.482523e-04	2.103570e-04	-3.638717e-04	4.515583e-04
## SPAC1F5.08c	-6.865121e-05	-1.278093e-03	1.069664e-03	2.472926e-03
## SPAC1F5.06	-3.978767e-04	-1.986792e-03	-3.985789e-03	6.255375e-03
## SPAC1F5.05c	-1.777700e-04	8.201363e-04	-7.738882e-04	5.668066e-04
## SPAC1F5.03c	3.817909e-03	-4.660230e-04	-1.522299e-03	9.827540e-03
## SPAC18B11.11	6.897242e-04	1.068299e-04	-1.911712e-03	6.924985e-03
## SPAC18B11.06	-1.088353e-03	-1.040863e-04	-4.729372e-04	-2.075160e-03
## SPAC18B11.05	-1.824970e-04	-2.876258e-05	-4.895001e-04	6.705263e-04

## SPAC18B11.03c	-3.280849e-05	1.097944e-04	-5.931465e-04	5.744253e-04
## SPAC12G12.16c	-8.987769e-04	-4.338472e-04	4.284686e-04	4.217054e-04
## SPAC12G12.13c	1.102591e-03	-1.224780e-03	-2.124561e-03	5.690912e-03
## SPAC12G12.12	1.419158e-03	9.380044e-04	-1.755183e-03	2.645198e-03
## SPAC12G12.11c	4.806685e-04	-4.757786e-04	-1.012536e-03	2.595245e-03
## SPAC12G12.17	1.545250e-04	-2.838787e-04	-3.026217e-04	1.489048e-04
## SPAC12G12.08	1.653175e-03	-2.409765e-03	-8.795913e-05	3.455892e-03
## SPAC12G12.07c	-1.557981e-03	-5.066065e-03	-8.896078e-04	6.301837e-03
## SPAC12G12.05c	-5.549333e-04	-4.158942e-04	2.611132e-04	9.064487e-04
## SPSNORNA.29	2.405015e-03	-8.246710e-03	-2.529366e-03	-8.710073e-03
## SPAC12G12.04	7.861409e-02	-2.681148e-02	-3.989809e-02	2.229982e-02
## SPAC12G12.02	6.004848e-04	-2.153716e-03	-2.031432e-03	2.243637e-03
## SPNCRNA.640	-1.258686e-04	2.088929e-04	-1.666170e-04	2.002959e-04
## SPAC12G12.01c	-1.496788e-03	-2.262254e-04	-6.528489e-05	5.291544e-03
## SPAC630.04c	-3.333413e-04	-1.062550e-03	-8.471267e-04	2.063885e-03
## SPAC630.03	-5.679450e-04	-2.647859e-03	-3.538600e-04	2.664545e-03
## SPAC630.06c	1.519431e-04	-9.295260e-04	-8.457377e-05	5.372126e-04
## SPAC630.07c	2.904395e-04	8.407335e-05	-7.281362e-04	2.494379e-04
## SPNCRNA.641	2.404316e-04	7.388991e-05	-2.943444e-05	2.632733e-04
## SPAC630.08c	8.696718e-03	-3.320590e-03	4.124745e-04	1.385204e-02
## SPNCRNA.642	-2.511072e-04	-1.984765e-04	1.785703e-04	-4.655755e-05
## SPAC630.09c	-1.144480e-03	-2.745324e-03	-5.021677e-04	1.521861e-03
## SPAC630.10	6.085019e-04	-6.938658e-04	-8.059945e-04	2.093006e-03
## SPAC1751.03	2.926608e-03	-6.029482e-03	3.375934e-04	-6.604796e-03
## SPAC31A2.05c	1.672749e-04	-8.522852e-04	1.018196e-03	2.270410e-03
## SPAC31A2.08	-1.155421e-03	1.966120e-04	-2.491490e-03	2.704127e-03
## SPAC31A2.10	1.353964e-04	3.642507e-04	2.621286e-04	-4.240303e-05
## SPAC31A2.15c	-1.560852e-04	-9.984365e-05	-1.517263e-03	3.210988e-03
## SPAC13C5.02	7.017671e-04	-1.028002e-03	1.571733e-04	2.618805e-03
## SPAC13C5.03	1.115202e-03	-6.517871e-04	-1.318458e-03	8.801798e-04
## SPSNORNA.01	-6.912583e-03	1.224804e-02	-2.907831e-03	1.611879e-03
## SPNCRNA.646	9.502574e-04	-9.087926e-05	1.939995e-04	9.734027e-04
## SPAC13C5.07	-7.453426e-03	-6.276628e-03	-1.119506e-02	1.002832e-02
## SPNCRNA.647	4.585913e-04	1.592746e-04	-6.944529e-04	5.574865e-04
## SPNCRNA.648	6.779372e-04	-5.494886e-04	7.640664e-04	2.171303e-04
## SPAC23E2.01	8.073728e-03	4.263869e-04	-6.574181e-03	1.016080e-02
## SPNCRNA.649	6.195448e-05	-1.018204e-04	-2.126560e-04	2.009131e-04
## SPAC23E2.03c	1.084072e-04	1.239584e-04	-4.525141e-04	6.402149e-04
## SPNCRNA.650	-3.322143e-05	-6.122569e-05	8.631149e-05	1.543790e-04
## SPAC24H6.13	7.547342e-03	9.443218e-03	-8.328438e-04	3.011136e-02
## SPNCRNA.651	7.930006e-05	6.477502e-04	2.224835e-04	-2.124362e-04
## SPAC24H6.10c	1.132031e-02	2.287943e-03	-3.156071e-03	6.001830e-03
## SPAC24H6.08	2.435609e-04	-3.111857e-04	-4.747460e-04	1.868605e-04
## SPAC24H6.05	-2.610334e-03	-1.433773e-03	-2.561333e-05	2.552557e-03
## SPAC24H6.03	1.005277e-03	-1.997667e-03	-5.790322e-04	1.509354e-03
## SPNCRNA.47	-1.078858e-04	-1.400525e-04	9.868874e-05	-3.406657e-04
## SPAPB21F2.02	-8.027520e-06	1.074864e-03	-1.115459e-03	1.041098e-02
## SPAPB21F2.03	-1.005184e-05	-5.147948e-04	1.412772e-04	-2.077082e-04
## SPAC227.01c	-8.182309e-04	-2.566427e-04	-1.442109e-04	-8.669145e-04
## SPAC227.02c	1.713862e-04	7.573925e-05	-1.682765e-04	1.769015e-03
## SPAC227.03c	2.908305e-04	4.001199e-04	7.134663e-06	6.795305e-04
## SPNCRNA.656	-2.440483e-04	1.694613e-04	-3.340677e-04	-9.384934e-05
## SPAC227.04	-1.107388e-03	4.918557e-04	-3.974865e-04	5.343693e-04
## SPNCRNA.658	9.972253e-05	8.847743e-05	1.418319e-04	5.440610e-05

## SPAC227.14	-1.914034e-03	-5.369686e-05	-1.878059e-04	2.872074e-04
## SPAC227.15	-1.717582e-03	-2.927835e-04	-2.071266e-03	4.047495e-03
## SPNCRNA.659	-4.489468e-04	1.253004e-03	-4.180084e-04	1.377313e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	2.485556e-04	-7.074011e-04	-8.145101e-04	-4.288002e-04
## SPAC227.18	5.043527e-03	-6.710946e-04	3.246746e-04	5.317283e-04
## SPAC2F7.02c	4.333610e-04	-1.080207e-04	-1.542004e-03	2.217383e-03
## SPAC2F7.03c	1.057378e-03	-3.338520e-03	-4.895894e-04	5.951943e-03
## SPAC2F7.05c	1.087942e-02	-4.293918e-03	-1.380401e-03	-4.958614e-03
## SPAC2F7.06c	1.440710e-04	6.874760e-05	-7.513281e-05	1.584359e-04
## SPAC2F7.07c	1.449824e-04	-1.302053e-05	-9.308999e-04	4.339148e-03
## SPAC2F7.08c	8.868929e-05	-2.262231e-04	-1.474159e-03	1.976723e-03
## SPAC2F7.09c	9.519580e-04	-7.090706e-05	-1.764939e-03	3.974804e-03
## SPAC2F7.10	7.800513e-04	6.934488e-04	8.913196e-05	3.844585e-03
## SPAC2F7.11	9.092022e-04	-9.527717e-04	-6.537429e-04	6.381038e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-3.007038e-04	-1.281550e-03	-8.821539e-04	2.817877e-03
## SPAC2F7.16c	-1.280508e-04	-1.471203e-03	1.073250e-04	3.810072e-03
## SPAC2F7.17	7.763564e-05	-1.001656e-04	-1.107733e-03	2.013868e-03
## SPAC13A11.02c	4.488044e-03	3.815870e-04	-3.020651e-03	7.142853e-03
## SPNCRNA.155	8.996433e-06	-3.804696e-05	2.346697e-05	-7.299737e-05
## SPNCRNA.662	-3.753854e-05	-4.530177e-05	-1.658626e-04	1.842597e-04
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	1.153463e-04	2.559605e-04	-6.845963e-06	3.927650e-04
## SPAC3H8.05c	-8.139013e-04	-1.199492e-03	-5.468869e-04	2.880475e-03
## SPNCRNA.664	1.887360e-05	7.408134e-05	-9.868673e-05	-1.785540e-04
## SPNCRNA.665	3.152630e-05	6.967475e-05	-3.325746e-05	-2.419308e-05
## SPAC3H8.06	-4.096827e-04	-9.173349e-04	-4.503949e-04	6.378820e-04
## SPAC3H8.07c	2.119762e-04	-2.414411e-04	-5.124747e-04	1.880373e-03
## SPNCRNA.666	3.591092e-04	4.801380e-04	-1.159091e-03	1.632383e-03
## SPAC3H8.09c	-2.111462e-04	-4.677358e-04	-1.154971e-03	5.353378e-03
## SPAC1F3.07c	8.355598e-04	-8.180857e-04	-2.501134e-04	4.489354e-04
## SPNCRNA.668	6.742262e-04	-1.419954e-04	-1.173923e-03	1.278547e-03
## SPAC1F3.08c	-7.115786e-06	-5.737527e-06	-1.658005e-06	8.346410e-06
## SPAC1F3.09	-2.119744e-04	-4.069156e-03	7.076634e-03	6.736284e-03
## SPNCRNA.669	4.753506e-04	-5.797966e-04	-4.100907e-04	-5.706773e-04
## SPAC1F3.10c	-2.961081e-05	1.250216e-05	3.183115e-04	6.113163e-04
## SPAC1D4.04	3.793747e-03	-7.549662e-04	1.535093e-03	-8.513546e-03
## SPAC1D4.06c	-6.788027e-04	5.705779e-04	-4.700984e-04	1.197429e-03
## SPAC1D4.08	-1.363482e-03	-1.079904e-03	-7.975327e-04	-9.537866e-04
## SPAC1D4.09c	-7.526762e-04	-8.138289e-04	-8.230933e-04	1.134251e-03
## SPAC1D4.11c	-1.586632e-03	9.245591e-04	-1.541392e-03	5.331161e-03
## SPNCRNA.672	-6.158667e-04	-6.004186e-05	-3.357002e-04	-1.307882e-04
## SPNCRNA.673	-7.148250e-05	-5.460771e-05	1.092770e-05	-4.482204e-05
## SPAC1D4.13	-3.113956e-04	-1.292393e-03	-2.164720e-03	2.439635e-03
## SPNCRNA.674	-6.873304e-04	5.867236e-05	-6.979528e-04	4.873587e-04
## SPAC22F3.12c	1.659135e-04	-2.511749e-05	-2.017646e-04	8.126724e-04
## SPAC22F3.09c	3.980313e-04	-9.131882e-04	-3.994031e-04	1.277800e-03
## SPAC22F3.15	1.072849e-04	-1.092307e-04	-2.470614e-04	5.318387e-04
## SPAC22F3.06c	7.411917e-03	-6.395023e-03	-6.889202e-03	1.852247e-02
## SPAC22F3.04	-7.531672e-05	-2.418322e-05	4.133998e-05	-1.974223e-05
## SPATRNAVAL.02	1.051702e-02	-4.320399e-03	-3.657568e-03	-9.124140e-03
## SPAC22F3.02	3.390653e-04	-3.950264e-05	-2.416264e-05	-7.144345e-05
## SPAC1296.01c	-7.642897e-04	-2.293345e-03	1.971504e-03	-3.450657e-04

## SPAC1296.02	-5.776237e-04	-5.944990e-04	2.293270e-03	1.728349e-03
## SPATRNAGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	2.058034e-03	4.341845e-04	-3.347799e-03	8.140253e-03
## SPAC1296.06	8.441627e-04	-1.051707e-03	-8.331963e-05	3.067502e-03
## SPAC22G7.02	-1.791479e-03	1.475299e-03	-1.222468e-03	7.731831e-03
## SPAC22G7.04	-2.459871e-03	-7.965842e-04	1.149587e-03	1.404785e-03
## SPAC22G7.06c	3.364231e-02	-3.986088e-02	3.558629e-02	2.548429e-03
## SPAC22G7.07c	6.538347e-05	1.190857e-04	4.144485e-04	4.747823e-04
## SPAC22G7.08	6.685856e-04	-3.758240e-04	-1.592898e-04	-6.552142e-04
## SPAC22G7.11c	-1.706172e-04	-3.877635e-04	2.901428e-05	7.210568e-04
## SPNCRNA.679	2.026225e-04	-2.369799e-05	4.373144e-05	-1.216974e-04
## SPNCRNA.680	4.800137e-04	3.531192e-04	-3.834546e-04	3.427600e-04
## SPAC4G8.04	-5.895643e-05	-7.771095e-04	6.421099e-04	5.884780e-04
## SPAC4G8.05	-3.908104e-04	-1.913667e-03	-1.607265e-03	4.784597e-03
## SPAC4G8.07c	1.134052e-03	-1.062842e-03	-9.550101e-04	2.004644e-03
## SPNCRNA.681	-2.162742e-05	-2.570781e-05	3.520449e-05	-2.469081e-05
## SPNCRNA.682	2.533544e-04	-1.564759e-04	2.975858e-04	1.334457e-04
## SPAC4G8.09	-1.923740e-03	-1.807796e-03	-7.723067e-04	2.661954e-03
## SPNCRNA.683	-1.826669e-04	1.462531e-04	-3.852418e-04	5.626766e-04
## SPAC4G8.10	9.488547e-04	-6.135969e-04	-1.376419e-04	4.900574e-04
## SPNCRNA.684	1.082719e-05	-1.427387e-04	9.647895e-05	1.380229e-04
## SPAC16C9.01c	-6.186096e-04	-1.990955e-03	5.052682e-04	1.174657e-03
## SPNCRNA.685	8.787541e-05	-8.609534e-05	8.339101e-05	-1.674263e-04
## SPNCRNA.686	-2.090000e-04	3.147955e-05	1.316938e-04	8.431790e-05
## SPAC16C9.02c	1.008622e-02	-4.566796e-04	-5.620718e-03	1.502403e-03
## SPAC16C9.03	-1.947635e-03	-4.263803e-03	1.433175e-03	-3.489606e-03
## SPAC16C9.04c	3.724637e-04	-2.595640e-03	-2.640911e-04	2.719354e-03
## SPNCRNA.687	2.852011e-04	3.432903e-04	-1.461925e-04	6.139600e-05
## SPAC16C9.06c	-5.670266e-03	-4.601375e-03	7.609158e-04	-2.553219e-03
## SPAC16C9.07	2.322818e-04	-9.448671e-04	-1.963486e-03	8.497154e-03
## SPAC2G11.04	-8.546604e-05	1.132519e-04	-8.037791e-04	1.549686e-03
## SPAC2G11.05c	-3.986217e-04	2.981469e-04	-3.363376e-04	1.466598e-03
## SPAC2G11.08c	-6.615985e-04	5.046626e-04	-5.644841e-04	1.456003e-03
## SPAC2G11.10c	-1.396320e-03	1.888365e-04	4.745894e-04	5.263291e-04
## SPNCRNA.689	-3.958110e-05	1.001685e-04	3.563131e-05	1.606299e-04
## SPAC2G11.11c	-1.049554e-03	-3.255713e-03	-4.923525e-04	2.218764e-03
## SPNCRNA.690	-4.946355e-05	-2.345012e-04	9.599211e-05	2.728463e-04
## SPAC2G11.13	4.314302e-04	9.515896e-04	-1.067768e-04	3.965006e-03
## SPAC2G11.14	-1.527430e-04	-6.200663e-03	-1.688435e-03	7.274881e-03
## SPAC2G11.15c	-3.053280e-05	-8.630865e-04	-2.781024e-04	-7.451225e-04
## SPAC521.04c	9.405978e-04	-1.094625e-04	-9.768298e-04	5.181306e-03
## SPNCRNA.693	-3.619580e-05	-2.603636e-05	-1.055676e-05	-1.875510e-05
## SPAC23G3.02c	2.645181e-03	-8.674428e-04	-1.063259e-03	3.752767e-03
## SPAC23G3.03	-1.192975e-04	-1.496895e-05	-2.090645e-03	2.009369e-03
## SPAC23G3.05c	-7.742371e-05	2.813221e-04	-5.013919e-04	2.436699e-04
## SPAC23G3.09	-1.810069e-04	-2.309459e-03	-2.084465e-03	5.069381e-03
## SPAC23G3.11	-1.972662e-03	-4.253505e-03	-2.363554e-03	6.814539e-03
## SPAC23G3.12c	9.914146e-04	-9.016779e-03	-8.738990e-04	2.127579e-03
## SPAC22H12.03	-4.048248e-05	-1.703460e-03	-1.133188e-04	3.986522e-04
## SPAC22H12.04c	4.146806e-02	-5.458634e-02	1.537585e-02	-4.174574e-02
## SPAC1687.02	-8.697676e-05	3.567780e-04	4.647529e-05	1.705033e-03
## SPAC1687.03c	1.916676e-03	1.912050e-03	1.772228e-03	1.544324e-03
## SPNCRNA.695	4.749896e-05	-4.324110e-04	-2.865510e-04	9.569699e-05
## SPRRNA.12	7.110773e-02	-1.266474e-02	2.905444e-01	3.323215e-01

## SPAC1687.07	4.627501e-05	-2.023975e-04	-7.550984e-04	6.051978e-04
## SPAC1687.08	2.481832e-04	-1.332393e-04	3.500592e-04	-1.838072e-04
## SPAC1687.09	-1.705134e-03	-4.303357e-03	-3.967395e-03	5.454248e-03
## SPAC1687.10	-6.972965e-04	4.156613e-04	-1.580440e-03	3.185692e-03
## SPAC1687.13c	3.689723e-04	-1.616657e-03	9.578384e-04	1.288886e-04
## SPAC1687.23c	2.987091e-06	4.130351e-07	-6.942552e-06	-5.339069e-06
## SPAC1687.15	7.428686e-04	3.836804e-04	-4.214568e-03	7.007923e-03
## SPNCRNA.697	1.290838e-04	-7.264626e-05	-1.619589e-04	1.479572e-04
## SPAC1687.21	-1.657316e-03	3.974668e-04	3.176374e-04	5.327495e-03
## SPAC1687.22c	-2.519563e-04	2.481143e-04	-7.671554e-04	2.147473e-03
## SPNCRNA.698	-2.972482e-04	-6.518027e-04	1.985483e-04	2.344905e-04
## SPNCRNA.699	-2.536021e-04	-1.739930e-04	3.944998e-04	6.616186e-04
## SPAC222.05c	6.285404e-04	7.719530e-05	-1.465540e-03	2.093571e-03
## SPNCRNA.700	-2.501686e-04	1.480556e-04	-4.129200e-05	3.966133e-04
## SPATRNAGLU.02	1.510234e-02	8.719049e-03	-1.007646e-01	8.730331e-03
## SPAC222.09	1.719264e-03	-2.013524e-03	-1.514949e-03	2.632423e-03
## SPAC222.10c	6.775740e-04	-6.386701e-04	-3.484865e-04	3.452454e-03
## SPAC222.11	3.422801e-03	1.279672e-03	-2.459310e-03	2.879785e-03
## SPAC222.12c	-3.343815e-02	-1.660834e-02	3.129131e-02	8.624761e-03
## SPAC222.13c	-3.125610e-04	-1.359733e-03	1.007814e-03	1.663364e-03
## SPAC222.14c	-3.291319e-04	-1.699278e-03	1.688603e-03	7.367300e-04
## SPNCRNA.50	-2.473743e-05	-3.367449e-05	-6.089690e-05	8.232839e-05
## SPAC821.03c	-8.105128e-04	-4.711467e-03	2.634648e-04	3.162092e-03
## SPAC821.04c	9.866103e-04	-1.216324e-03	-9.281872e-04	1.739216e-03
## SPSNRNA.03	-9.201801e-02	-1.379324e-01	-2.675997e-02	-1.177472e-01
## SPAC821.07c	1.293219e-03	-3.257491e-04	-1.487962e-03	3.176584e-03
## SPNCRNA.163	-5.330411e-05	-1.633835e-05	-7.952731e-06	1.779655e-05
## SPNCRNA.164	2.420161e-06	-8.983489e-08	-2.243594e-07	-1.536753e-05
## SPAC821.11	3.113998e-03	8.679872e-04	1.360634e-03	-1.027275e-02
## SPAC821.13c	-7.995920e-04	-4.805883e-03	-9.751166e-04	9.907913e-03
## SPAC139.03	4.117831e-04	1.935535e-03	-1.120385e-03	2.385571e-03
## SPAC139.04c	-2.451617e-05	-8.443276e-04	5.468132e-05	-1.017894e-03
## SPNCRNA.705	2.170557e-05	1.116600e-05	3.268081e-05	7.060790e-05
## SPAC139.05	9.692392e-03	-1.061442e-02	-2.528343e-02	2.508465e-02
## SPNCRNA.706	7.394351e-04	-1.023967e-04	-4.659014e-04	1.607262e-03
## SPAC139.06	5.721132e-04	-1.755912e-04	-4.405316e-04	8.233678e-05
## SPNCRNA.707	-8.287903e-05	-2.512042e-05	-3.187027e-04	-1.335353e-04
## SPAC23C4.02	-4.293715e-03	-5.205771e-03	-1.089167e-03	9.643520e-03
## SPAC23C4.04c	2.438689e-05	-2.778548e-04	1.139932e-04	3.626203e-04
## SPAC23C4.07	2.344775e-04	5.384864e-04	-7.862603e-04	-2.988541e-05
## SPAC23C4.08	1.386233e-03	-2.180036e-03	-8.299659e-04	3.853470e-03
## SPNCRNA.708	-3.174114e-04	5.423088e-05	-6.549983e-04	4.263959e-04
## SPAC23C4.12	2.008633e-04	1.592101e-03	-1.361517e-03	2.888474e-03
## SPAC23C4.16c	-6.138304e-05	4.833655e-04	-1.459661e-03	2.645961e-03
## SPNCRNA.709	2.091615e-04	-2.498006e-04	-2.891119e-04	5.852684e-04
## SPNCRNA.166	-7.114449e-05	-5.985062e-05	-6.579794e-06	-5.935139e-05
## SPAC23C4.19	-1.162514e-03	-4.303618e-03	-3.171084e-03	1.035358e-02
## SPAC1A6.11	4.857305e-05	4.643273e-05	-1.916763e-05	2.960538e-05
## SPAC1A6.05c	3.634822e-04	-6.733592e-05	-3.528439e-03	-6.650084e-04
## SPAC1A6.07	1.870657e-03	-5.793240e-04	-3.484284e-03	5.207108e-03
## SPAC1A6.09c	1.798277e-03	-5.661990e-04	-2.896112e-03	1.468653e-02
## SPAC1A6.10	-1.505308e-03	-1.470855e-03	2.661166e-03	-2.676768e-03
## SPAC30D11.13	-2.176680e-04	-5.193199e-04	-1.043854e-03	1.553984e-03
## SPAC30D11.12	5.800977e-03	-1.655342e-02	7.806378e-04	-5.858417e-03

## SPAC30D11.11	6.628265e-03	-7.554299e-04	-6.566364e-03	7.785590e-03
## SPAC30D11.10	2.154533e-04	1.422303e-04	-3.414839e-04	1.576785e-03
## SPNCRNA.712	2.318885e-04	2.604372e-04	-5.210115e-04	1.763228e-04
## SPAC30D11.09	6.833086e-05	-2.162763e-03	-1.509744e-03	3.639220e-03
## SPAC30D11.08c	1.115277e-03	-4.523162e-04	-1.057626e-03	7.864634e-04
## SPAC30D11.04c	-2.241532e-04	-5.275740e-03	-3.709175e-03	1.157187e-02
## SPAC30D11.03	-5.845897e-04	-4.466812e-03	3.693859e-03	-6.554214e-03
## SPAC30D11.01c	-6.608166e-04	-1.547281e-03	-1.211010e-03	5.304982e-03
## SPNCRNA.713	2.640330e-04	-2.045174e-04	-3.960469e-04	9.441729e-04
## SPNCRNA.714	1.962049e-06	-9.225563e-06	1.488869e-05	-2.515932e-05
## SPAC56F8.03	8.451722e-03	-1.325971e-02	2.761548e-03	-7.474154e-03
## SPAC56F8.05c	7.032377e-03	-2.295703e-03	-4.728170e-03	-3.321426e-03
## SPNCRNA.715	-2.987124e-05	3.194330e-05	-9.102359e-05	-2.881895e-05
## SPAC56F8.07	-1.629771e-04	-4.283949e-04	3.469972e-04	3.380442e-04
## SPAC56F8.08	5.717673e-04	2.643840e-03	-5.861622e-04	1.473933e-03
## SPAC56F8.10	-1.518158e-04	-3.505845e-04	5.781117e-04	-5.391917e-03
## SPAC56F8.11	-3.132717e-04	-1.748399e-03	-2.086353e-03	2.623449e-03
## SPAC56F8.14c	8.575757e-04	-1.402340e-04	-1.691769e-03	1.436474e-03
## SPAC56F8.13	3.916501e-04	3.219363e-05	2.358848e-04	-3.406172e-05
## SPAC56F8.15	1.605326e-04	-3.555711e-04	3.749033e-04	7.983838e-04
## SPAC22A12.01c	-4.584456e-04	-1.186421e-03	-1.096068e-03	2.973822e-03
## SPAC22A12.03c	-8.275996e-04	-3.863434e-04	-1.728411e-04	2.322248e-03
## SPAC22A12.05	-3.048476e-03	6.246285e-04	1.442696e-04	1.596571e-03
## SPAC22A12.06c	2.709792e-03	7.360798e-04	-3.978731e-03	2.055250e-03
## SPNCRNA.718	6.653350e-05	-3.796670e-04	-5.631728e-04	6.132809e-04
## SPAC22A12.13	3.246977e-04	2.534403e-04	-1.404727e-03	2.234898e-03
## SPAC22A12.15c	4.622880e-02	-7.829190e-02	-2.514020e-02	-1.197492e-02
## SPAC22A12.16	2.365117e-02	5.003414e-03	-2.321497e-03	-7.422135e-03
## SPAC4C5.01	1.750300e-03	8.248222e-04	-1.935725e-03	4.944565e-03
## SPATRNAALA.02	1.195472e-04	-1.326148e-03	2.914267e-04	-8.013593e-04
## SPNCRNA.722	1.071117e-06	1.054169e-04	-2.829192e-04	7.920312e-04
## SPAC4C5.04	-7.002879e-04	-2.167630e-03	3.969048e-04	-7.468547e-04
## SPNCRNA.723	-1.566048e-04	-3.053352e-04	-2.515589e-04	8.485441e-05
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-1.108717e-02	1.332206e-02	3.457832e-02	1.308611e-03
## SPAC10F6.04	-9.740736e-04	-7.761283e-04	-1.225698e-03	2.200010e-03
## SPAC10F6.06	-2.228882e-02	-3.048006e-02	1.395181e-02	-2.103397e-03
## SPAC10F6.07c	5.396743e-04	1.523346e-04	-2.875189e-04	8.957367e-04
## SPNCRNA.554	1.378420e-04	-2.241418e-04	1.757453e-04	-1.406628e-04
## SPAC10F6.08c	-8.591342e-05	-4.453993e-04	-2.572281e-04	6.932653e-04
## SPAC10F6.09c	-1.720413e-03	-4.455853e-03	-7.464777e-04	1.021272e-02
## SPAC10F6.11c	1.137051e-04	-1.322451e-03	-1.083359e-03	3.205369e-03
## SPAC10F6.12c	9.996211e-05	-2.418287e-04	-1.025559e-03	1.071887e-03
## SPAC10F6.13c	1.795531e-03	-2.708534e-03	1.977312e-03	-4.977065e-03
## SPAC10F6.14c	7.246922e-04	-7.369804e-04	-9.723642e-04	1.007832e-03
## SPNCRNA.82	2.354185e-05	3.085264e-06	4.681392e-05	3.277083e-05
## SPNCRNA.727	-1.338033e-04	-3.882266e-04	-5.988769e-04	-1.141988e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	9.125404e-04	1.911830e-03	-1.211712e-03	1.620327e-04
## SPNCRNA.729	3.603843e-05	-3.701927e-06	-5.034236e-05	-1.893425e-05
## SPAC10F6.16	1.907501e-03	-2.691632e-03	7.779518e-04	2.462875e-03
## SPAC56E4.02c	-6.461800e-04	-5.160910e-04	-2.990376e-04	3.563319e-04
## SPAC56E4.04c	9.892302e-02	-5.025152e-02	-4.107387e-02	2.327373e-02
## SPAC56E4.05	8.699993e-04	1.105766e-05	-1.556725e-03	2.239309e-03

## SPAC56E4.06c	1.618392e-03	-4.941724e-04	-1.119332e-03	4.577720e-03
## SPAC1420.01c	5.191495e-04	-5.920482e-04	-3.840734e-03	6.777540e-03
## SPAPB17E12.04c	5.757122e-05	-5.249425e-04	-1.194718e-03	2.469062e-03
## SPAPB17E12.06	-2.555031e-04	4.051348e-04	-4.618982e-04	3.925637e-04
## SPAPB17E12.07c	1.756027e-04	-7.291722e-04	-1.114166e-04	1.099940e-04
## SPAPB17E12.08	-2.544645e-05	1.375278e-04	-6.082093e-04	1.012542e-03
## SPAPB17E12.10c	-6.415951e-04	-1.912905e-04	-1.049984e-04	2.102208e-03
## SPAPB17E12.09	8.281019e-05	1.073974e-05	-2.002467e-04	1.337377e-04
## SPAPB17E12.12c	-8.796959e-04	-5.278242e-04	-5.227571e-05	1.874942e-04
## SPAPB17E12.14c	-1.408257e-03	-7.273055e-04	-2.125275e-03	5.336151e-03
## SPAPB17E12.13	8.096227e-03	-5.503445e-03	1.007967e-02	2.581656e-03
## SPAC1565.01	-4.556570e-03	-2.655302e-03	2.444733e-03	7.191664e-03
## SPAC1565.02c	-1.324595e-03	-3.646832e-04	9.461963e-04	8.349214e-04
## SPAC1565.04c	4.372752e-04	-1.179469e-04	-7.623688e-04	1.470536e-03
## SPNCRNA.169	-1.696726e-05	-3.859477e-06	4.171088e-06	-2.072858e-05
## SPAC1565.08	-6.121133e-03	-4.000903e-02	-1.704446e-02	2.579834e-02
## SPAC6F12.02	5.013404e-04	-2.647181e-03	-2.166180e-03	6.741122e-03
## SPAC6F12.03c	4.504381e-04	-2.920288e-05	-2.148134e-03	2.964303e-03
## SPAC6F12.04	3.640821e-04	-4.624839e-04	5.836231e-04	3.211274e-03
## SPAC6F12.05c	-3.846583e-04	-2.530734e-04	1.002712e-03	2.150010e-03
## SPAC6F12.10c	3.738231e-02	2.733683e-03	-7.983618e-03	8.584886e-03
## SPNCRNA.734	3.897293e-06	2.814151e-05	-3.307960e-05	1.379504e-05
## SPAC6F12.11c	6.913841e-05	-5.127928e-04	2.103168e-04	4.696895e-03
## SPAC6F12.14	1.150682e-04	6.475601e-04	-5.119828e-04	3.347584e-03
## SPNCRNA.735	6.844989e-05	-3.117546e-04	2.022425e-04	-3.493098e-04
## SPAC6F12.16c	8.254921e-03	-1.295915e-03	-3.052202e-04	-3.469520e-03
## SPAC6F12.17	-1.831426e-03	-1.841119e-03	1.739347e-04	2.258526e-03
## SPNCRNA.736	-2.000448e-04	-5.020743e-04	-1.695513e-04	3.835956e-04
## SPNCRNA.737	2.298258e-04	8.920271e-05	-2.375362e-04	-3.093385e-05
## SPAC57A10.02	-1.045604e-03	5.284537e-04	-2.559936e-03	5.296423e-03
## SPNCRNA.739	1.001418e-04	1.251443e-04	1.743666e-04	-1.803597e-05
## SPAC57A10.04	1.347280e-04	-1.766163e-04	2.301740e-04	-4.116426e-04
## SPAC57A10.14	2.148496e-05	3.319759e-06	-3.162351e-04	2.841098e-04
## SPAC57A10.10c	6.143520e-03	-7.326635e-03	6.077323e-03	-8.801182e-03
## SPAC57A10.11c	-2.157350e-03	-2.674637e-04	-3.497514e-04	1.961781e-03
## SPAC20G8.01	1.701377e-03	-1.216834e-03	-3.038853e-03	2.791911e-03
## SPAC20G8.02	1.036605e-03	3.417531e-04	-3.714644e-03	7.910745e-03
## SPNCRNA.58	1.086284e-04	-1.724548e-05	-8.184236e-04	4.281806e-04
## SPAC20G8.03	3.809710e-03	1.523436e-03	-4.539162e-03	1.231910e-03
## SPNCRNA.740	-5.662184e-05	4.814612e-04	-4.298008e-04	5.776599e-04
## SPAC20G8.07c	-1.526865e-05	1.549775e-03	-2.361975e-05	-1.617780e-03
## SPATRNACYS.01	2.374241e-04	-2.144615e-03	-1.422094e-03	-5.863485e-04
## SPAC3A12.02	-9.748131e-04	-5.499776e-04	3.193700e-04	1.048343e-03
## SPAC3A12.03c	-6.442280e-04	-3.922433e-04	-1.004716e-03	5.195231e-04
## SPAC3A12.05c	-1.777843e-03	-1.655434e-03	-1.938843e-03	3.037898e-03
## SPAC3A12.06c	-1.010002e-03	-5.638959e-04	-1.539689e-03	1.772268e-03
## SPAC3A12.08	1.543006e-04	-1.025689e-04	5.426647e-04	2.966545e-04
## SPAC3A12.09c	1.161928e-03	-9.741114e-04	-1.084844e-03	3.048023e-03
## SPAC3A12.10	2.758585e-02	1.159233e-02	7.136190e-03	-1.165527e-02
## SPAC3A12.12	-6.244854e-05	-7.849918e-04	-4.597458e-04	5.680304e-04
## SPAC3A12.13c	-4.074197e-03	1.488520e-03	-2.720938e-03	9.247683e-03
## SPATRNAPRO.03	2.856432e-03	-1.307436e-03	-2.874756e-04	-6.276953e-03
## SPAC3A12.16c	1.923404e-03	-3.357058e-03	-3.578887e-03	3.212243e-03
## SPAC3A12.17c	1.558840e-03	5.222043e-04	-1.370816e-03	2.183739e-03

## SPAC9.02c	1.957201e-04	2.828590e-04	-3.097282e-04	-2.596112e-04
## SPAC9.04	-1.376191e-05	2.264553e-05	-7.288569e-06	2.247610e-07
## SPAC9.07c	-1.082716e-03	-4.655874e-03	-2.292036e-03	2.073975e-03
## SPNCRNA.742	4.594530e-04	-2.363469e-04	-2.526859e-04	1.549185e-05
## SPATRNAMET.02	-1.817937e-02	1.031246e-02	9.628985e-03	-1.251595e-02
## SPAC9.11	1.921552e-04	9.163523e-04	1.445906e-04	8.987476e-04
## SPAC9.12c	-3.788173e-04	-1.746294e-03	8.548917e-04	2.507439e-04
## SPAC9.13c	8.245030e-04	-2.205562e-03	-1.045239e-03	5.250367e-04
## SPAC5D6.13	-4.272054e-04	-3.534078e-03	-1.100010e-03	6.393971e-03
## SPAC5D6.08c	-7.442303e-04	-3.624831e-04	3.055806e-04	6.933422e-04
## SPAC5D6.06c	-1.369641e-04	-2.094585e-04	4.566176e-05	1.361398e-03
## SPAC5D6.05	1.215064e-04	-4.416323e-04	-3.945191e-04	1.237473e-04
## SPAC5D6.01	-6.069396e-04	-1.167174e-03	1.167110e-03	7.018919e-03
## SPNCRNA.173	-1.453896e-04	-9.781739e-05	2.026360e-05	1.173933e-04
## SPAC57A7.13	-2.221672e-04	-3.803351e-04	-2.504834e-04	4.145332e-03
## SPAC57A7.12	3.823334e-02	2.256228e-03	1.275480e-02	-7.099129e-03
## SPAC57A7.11	1.257352e-03	-3.538842e-03	-2.352078e-03	8.970335e-03
## SPAC57A7.09	1.092970e-04	-4.778353e-05	-1.317481e-03	1.520813e-03
## SPATRNALEU.01	5.272285e-04	2.090027e-04	5.328618e-04	4.870567e-03
## SPAC57A7.07c	-1.594668e-04	-6.929162e-04	-7.355637e-04	-1.084092e-04
## SPNCRNA.744	-5.931260e-05	2.183691e-05	1.485804e-04	1.296911e-04
## SPAC57A7.05	2.963554e-03	-1.090416e-03	-6.153264e-03	4.975694e-03
## SPAC57A7.15c	1.765587e-04	6.773629e-05	-1.620052e-04	5.549203e-04
## SPAC167.06c	3.625344e-04	6.139140e-05	1.630696e-04	1.191491e-03
## SPAC167.02	-2.029313e-04	-1.256609e-04	4.076324e-04	1.891212e-03
## SPAC167.03c	-9.629704e-05	3.707941e-04	-3.417090e-04	1.025216e-03
## SPAC167.01	-2.695090e-03	-1.540825e-04	-2.732400e-03	4.658790e-03
## SPNCRNA.555	-1.606120e-06	-3.269131e-05	-6.425131e-06	2.739676e-05
## SPRRNA.53	-8.725900e-02	8.999585e-03	-1.263149e-02	-3.717269e-02
## SPAC1705.02	1.075869e-03	-4.493531e-04	-2.123568e-03	2.183118e-03
## SPNCRNA.175	-9.209294e-05	-1.696633e-05	-2.794748e-05	-1.894023e-05
## SPAC23H4.18c	-7.826377e-04	-1.074655e-03	-6.666022e-04	4.197459e-03
## SPAC23H4.14	-2.694813e-05	-4.695202e-04	-1.088179e-03	3.250500e-03
## SPAC23H4.11c	-1.108225e-04	-1.637182e-04	3.677546e-04	1.004686e-03
## SPAC23H4.10c	2.585351e-03	-1.410679e-03	-4.206035e-04	1.652680e-03
## SPAC23H4.09	1.306101e-04	-1.236850e-02	3.978465e-03	1.592638e-03
## SPAC23H4.06	2.049659e-03	-2.790680e-03	-4.562239e-03	1.406981e-02
## SPAC23H4.03c	-1.254813e-03	-3.189515e-03	-6.620983e-04	4.646672e-03
## SPAC23H4.02	1.194474e-03	-1.019183e-03	-8.361093e-04	1.013200e-03
## SPAC23H4.01c	9.272823e-03	-1.520834e-03	-2.957018e-03	3.196221e-03
## SPAP27G11.02	-5.741339e-04	-2.100497e-03	5.308126e-04	-1.518523e-04
## SPNCRNA.748	3.136315e-05	-1.131386e-04	-6.782779e-05	-3.581364e-05
## SPAP27G11.04c	-5.210094e-04	-1.131826e-03	3.714855e-05	-4.945622e-04
## SPAP27G11.06c	1.064694e-03	-8.751132e-05	3.195382e-04	1.916658e-03
## SPAP27G11.07c	3.029036e-05	7.438986e-05	-2.414582e-04	4.808243e-04
## SPAP27G11.08c	1.433647e-04	2.855020e-04	-1.009987e-04	3.292907e-05
## SPAP27G11.10c	-2.198390e-03	-2.594587e-03	-8.138243e-04	8.270312e-03
## SPAP27G11.11c	8.442093e-06	2.601929e-05	6.218041e-05	-2.135576e-04
## SPNCRNA.750	-1.450295e-05	-1.163075e-04	7.275699e-05	-2.424186e-04
## SPAP27G11.16	-2.731559e-05	-1.053591e-04	2.616193e-04	1.818575e-04
## SPAP27G11.12	1.031812e-03	-1.061232e-03	-8.160458e-04	5.266857e-03
## SPAP27G11.13c	-6.591104e-04	-5.250144e-03	1.462717e-03	-2.158656e-03
## SPAC343.02	4.526029e-04	-3.436185e-04	8.137314e-04	-4.671660e-04
## SPATRNAGLY.01	4.192793e-03	3.806861e-03	-6.286864e-03	8.146025e-05

## SPNCRNA.751	-1.968883e-04	1.074458e-05	1.430236e-05	1.481553e-04
## SPAC343.06c	5.191118e-04	-1.435529e-03	-7.792819e-04	7.796686e-04
## SPAC343.09	-1.215558e-03	-9.373771e-03	-3.602608e-03	2.540466e-03
## SPNCRNA.753	8.805219e-05	6.814820e-05	-4.906996e-05	-1.319691e-05
## SPAC343.21	3.699847e-04	-4.865962e-04	-8.299925e-04	2.810703e-04
## SPAC343.12	1.842814e-02	2.420629e-02	-3.923153e-02	4.511599e-02
## SPAC343.13	-1.357780e-04	-2.803629e-04	7.000674e-04	-6.465808e-04
## SPAC343.14c	5.959996e-05	1.817185e-05	-1.640218e-03	-3.462808e-03
## SPAC343.16	2.434076e-02	-1.750858e-03	-6.803613e-03	7.311241e-03
## SPAC343.18	4.157249e-04	6.978209e-04	-8.013884e-04	1.845496e-03
## SPAC343.19	2.385754e-04	8.909289e-04	-1.510815e-03	6.980084e-03
## SPAC824.02	-4.229126e-04	-2.009160e-03	-3.362041e-03	8.355744e-03
## SPAC824.03c	-3.201386e-04	2.054082e-03	4.301786e-04	2.319172e-03
## SPNCRNA.755	-3.575842e-05	-7.546575e-05	5.795675e-05	-2.444700e-04
## SPAC824.06	-6.552572e-04	-2.308334e-04	-1.513411e-03	2.805875e-03
## SPAC824.09c	-6.841534e-04	-1.787196e-03	-1.579066e-03	1.131761e-03
## SPNCRNA.177	4.801132e-05	6.054647e-05	-4.794759e-05	4.827687e-05
## SPAC664.01c	1.951074e-03	-7.221199e-04	-7.163048e-04	4.624867e-03
## SPAC664.02c	-4.904848e-05	-9.216122e-04	-1.440773e-03	4.395683e-03
## SPAC664.05	3.386482e-03	-3.035565e-02	-4.504044e-03	1.068501e-04
## SPNCRNA.756	-7.857951e-05	-1.989492e-04	9.761314e-05	1.387054e-03
## SPAC664.06	-7.233875e-03	-6.346878e-03	-3.505678e-03	-1.858474e-03
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	-1.981693e-05	-6.176387e-05	1.492621e-05	-9.802248e-06
## SPAC664.13	4.412374e-05	-1.983526e-04	-5.398476e-04	4.450458e-04
## SPATRNLAYS.02	-8.305673e-04	5.434560e-04	1.935172e-04	-1.532814e-03
## SPAC664.15	-1.221796e-03	-8.396736e-04	-1.449396e-03	2.735820e-03
## SPAC105.02c	-5.212052e-03	-1.227026e-03	2.620943e-03	2.912811e-04
## SPATRNLATYR.01	3.222605e-03	-5.931857e-03	7.136448e-04	-1.043314e-04
## SPAC105.03c	1.153933e-04	-1.555311e-03	-2.888502e-03	5.810507e-03
## SPAC17A5.01	-2.220952e-04	-1.535516e-03	-1.672778e-03	2.094085e-03
## SPNCRNA.759	-4.805912e-05	-9.312658e-05	1.149525e-04	1.432402e-04
## SPNCRNA.556	-7.988495e-05	-1.894942e-04	1.769323e-04	-3.293988e-04
## SPAC17A5.05c	-3.526041e-04	-1.133945e-03	5.716253e-04	6.164870e-04
## SPAC17A5.07c	7.328620e-05	-6.101295e-04	-8.996485e-04	2.687399e-03
## SPAC17A5.09c	6.173551e-04	-1.244773e-03	-1.587017e-04	1.402920e-03
## SPATRNLAIL.01	-5.241260e-04	1.994536e-04	-1.554372e-03	-1.096760e-03
## SPNCRNA.760	4.852839e-05	-4.796839e-04	-2.315403e-04	2.383795e-04
## SPNCRNA.761	1.797800e-04	-1.402758e-06	-3.383576e-05	2.100300e-04
## SPAC17A5.13	4.127404e-04	-4.777881e-04	-1.640625e-03	-6.916523e-04
## SPAC17A5.15c	6.353583e-03	-8.324256e-03	-1.068397e-03	9.701812e-03
## SPNCRNA.762	1.638423e-03	-6.617032e-04	-5.972946e-04	1.308969e-03
## SPAC1002.01	-3.929734e-05	-8.573393e-05	-5.385241e-05	2.011424e-04
## SPAC1002.06c	-4.916308e-05	1.863744e-05	5.266688e-05	-1.425761e-04
## SPAC1002.07c	1.036779e-03	-1.700309e-03	-1.746336e-03	-1.161624e-03
## SPAC1002.08c	6.509030e-05	7.447605e-05	6.177196e-04	1.451427e-03
## SPNCRNA.763	-8.654600e-05	6.999851e-04	-1.497310e-04	7.469635e-05
## SPAC1002.10c	5.228507e-04	-2.089908e-03	-6.613208e-04	2.473899e-03
## SPAC1002.11	-1.051706e-03	1.501283e-03	-2.017595e-03	3.490640e-03
## SPAC1002.13c	-3.830956e-02	-2.693762e-04	1.606922e-02	9.526719e-03
## SPAC1002.15c	5.263299e-04	4.166144e-04	-1.021128e-03	1.885718e-03
## SPAC1002.14	-8.513079e-04	-4.642428e-05	6.868212e-04	-3.082948e-03
## SPAC1002.16c	-6.645018e-05	-1.610926e-04	-3.071572e-04	2.637750e-04
## SPAC1002.17c	-4.825305e-03	1.203306e-02	-1.230733e-02	7.957072e-04

## SPAC1002.18	-7.774811e-04	5.579316e-03	-9.108760e-03	-2.356704e-03
## SPAC1399.05c	5.190516e-04	-3.435053e-04	-1.764092e-03	3.029799e-03
## SPNCRNA.764	2.655645e-04	-4.026101e-05	2.891532e-04	4.327523e-04
## SPNCRNA.178	3.246390e-04	-5.268598e-05	-2.067230e-04	2.441807e-04
## SPAC1399.02	-9.358550e-04	6.830171e-04	-8.792150e-04	2.420311e-03
## SPAC1399.06	1.047083e-04	5.070717e-06	-2.809111e-04	4.119379e-04
## SPAPB1A10.01	8.216393e-04	-4.229713e-04	-1.291353e-03	2.655848e-03
## SPAPB1A10.03	4.012096e-04	2.936902e-05	-3.040461e-04	4.241304e-04
## SPAPB1A10.16	-3.095056e-04	-3.722171e-05	-2.215143e-04	1.379089e-03
## SPAPB1A10.04c	6.897454e-04	-1.508451e-03	-1.104678e-03	1.750478e-03
## SPNCRNA.765	9.723712e-05	2.737369e-04	-4.608678e-04	8.482620e-04
## SPAPB1A10.05	2.431825e-04	-9.554111e-05	-9.351077e-04	1.029375e-03
## SPNCRNA.766	2.902321e-04	-2.022182e-04	9.615795e-05	1.272153e-04
## SPAPB1A10.09	-3.683889e-07	-1.823274e-03	6.065948e-04	1.775383e-03
## SPAPB1A10.13	-4.915562e-05	-6.819018e-04	-3.931017e-04	1.516496e-03
## SPAPB1A10.14	-6.143970e-04	-5.111331e-04	-1.356300e-03	3.819489e-04
## SPAPB1A10.15	-2.766850e-04	-5.512853e-04	-6.414182e-04	-1.392959e-04
## SPAC140.01	-8.699858e-03	2.322061e-03	-1.817323e-03	3.945191e-05
## SPAC140.03	9.008066e-05	-7.964022e-04	2.160580e-04	-2.741037e-04
## SPNCRNA.182	9.388615e-06	1.901465e-05	-3.701139e-06	-4.400503e-07
## SPNCRNA.772	-1.726176e-05	-1.052023e-04	2.396770e-04	-1.211525e-04
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	3.634754e-04	-2.093719e-04	-9.663529e-04	6.573344e-04
## SPAC110.01	3.471765e-03	-3.705520e-03	-3.805757e-03	1.283485e-02
## SPAC110.03	-9.112270e-04	7.320493e-04	6.230171e-04	7.289840e-03
## SPNCRNA.774	2.036771e-04	-1.075217e-04	-1.252286e-04	6.423233e-05
## SPAC3H1.01c	-1.589520e-03	-2.953118e-04	-2.144780e-03	5.611727e-03
## SPAC3H1.02c	-1.403779e-04	-6.451311e-04	1.086350e-03	5.639499e-04
## SPAC3H1.04c	-1.374270e-03	4.107338e-04	-1.694870e-03	5.787814e-03
## SPAC3H1.05	-2.753978e-04	-1.735601e-03	1.431272e-03	-1.006456e-03
## SPAC3H1.06c	-5.664075e-04	-4.087742e-04	-9.514764e-04	7.471607e-03
## SPAC3H1.07	-2.378020e-02	2.080210e-03	8.155625e-03	6.225311e-04
## SPAC3H1.09c	3.624182e-04	-9.961008e-04	-2.444292e-04	3.704817e-03
## SPNCRNA.777	9.205593e-05	2.501719e-04	-1.861382e-04	7.169132e-04
## SPNCRNA.781	1.110160e-07	6.175643e-04	-5.305179e-04	-4.553972e-04
## SPNCRNA.783	1.424819e-04	-2.607277e-04	-3.087684e-04	-2.492692e-05
## SPNCRNA.784	1.038047e-04	-1.331446e-04	-6.865258e-05	1.484606e-04
## SPAC3H1.12c	1.952230e-04	4.647684e-06	-2.493093e-04	3.872656e-03
## SPAC3H1.13	-1.336982e-03	-2.107200e-04	-1.070198e-03	-2.767593e-04
## SPNCRNA.530	-1.770435e-03	-2.859988e-03	9.013321e-03	1.787347e-02
## SPAC9G1.14	-3.042041e-05	-2.495018e-04	-7.600884e-06	-1.509181e-04
## SPAC9G1.02	1.944244e-03	-4.821607e-04	-7.961529e-03	1.851260e-02
## SPAC9G1.03c	-7.827343e-03	-1.235762e-02	-7.721904e-03	6.697009e-03
## SPAC9G1.04	6.914733e-04	8.850874e-04	-6.812357e-04	4.659663e-03
## SPAC9G1.08c	2.593192e-05	-4.914385e-04	-5.991489e-04	-8.456303e-04
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	-3.793838e-04	-4.800219e-04	-3.613549e-04	7.823054e-04
## SPAC9G1.10c	-6.364216e-05	-6.188441e-04	-1.347420e-03	2.965849e-03
## SPAC9G1.13c	-1.250928e-03	-1.250320e-03	-2.386252e-04	-2.119747e-04
## SPNCRNA.785	2.568421e-04	8.754916e-05	-4.373261e-04	6.200864e-04
## SPAC17H9.02	-7.775141e-04	-2.207932e-03	-1.739854e-03	1.121091e-03
## SPAC17H9.03c	-1.032856e-04	-6.412184e-05	-8.197712e-04	4.721725e-04
## SPAC17H9.04c	-1.019158e-02	-5.833587e-03	5.519840e-03	-1.390895e-02
## SPNCRNA.787	-4.355288e-06	2.800680e-06	1.213200e-05	1.434497e-05

## SPAC17H9.09c	4.393930e-04	-1.897614e-03	-8.150462e-04	-1.059767e-04
## SPAC17H9.10c	-2.339913e-03	5.679069e-04	-1.665639e-03	1.019161e-02
## SPAC17H9.12c	-1.169279e-03	1.065921e-03	-1.495252e-04	-1.060683e-03
## SPAC17H9.13c	2.767506e-03	-1.830399e-03	-1.311882e-03	4.582721e-03
## SPAC17H9.14c	-4.552731e-03	-1.947382e-03	2.367143e-03	-9.394742e-03
## SPNCRNA.184	-9.336774e-05	-9.340402e-07	-1.042311e-04	1.067459e-05
## SPAC17H9.16	-1.296918e-03	-7.079734e-03	-2.256731e-03	-2.507060e-03
## SPAC17H9.17c	-1.023233e-03	1.197248e-04	-6.779904e-04	-5.306708e-04
## SPAC17H9.20	2.570783e-04	8.051587e-05	-2.207168e-03	6.150993e-03
## SPAC607.03c	8.405938e-03	-2.174173e-03	-3.678791e-03	7.530494e-03
## SPNCRNA.185	-6.624877e-06	-6.223957e-06	-6.077100e-05	5.165660e-05
## SPAC607.04	-1.119372e-04	-1.372468e-03	1.016180e-03	2.281517e-03
## SPAC607.05	-4.110514e-03	-3.690570e-03	-2.314095e-03	2.646759e-03
## SPAC607.06c	1.645250e-04	2.025762e-03	-1.711687e-04	8.892814e-04
## SPAC607.09c	7.166807e-04	-1.301811e-04	5.755325e-04	3.720413e-04
## SPAC732.01	4.439571e-04	-2.775327e-03	1.154736e-03	-2.398382e-03
## SPAC732.02c	9.040303e-04	-8.346662e-04	-1.573260e-03	2.711198e-03
## SPAC3C7.02c	-1.553660e-04	-4.916068e-04	2.954906e-04	1.159628e-03
## SPNCRNA.791	-9.679389e-06	-1.811029e-04	1.737505e-04	2.363925e-05
## SPAC3C7.08c	-8.839285e-04	-1.119067e-02	2.244749e-03	-3.219127e-03
## SPAC3C7.09	3.947126e-04	-6.475775e-05	-9.574521e-04	-2.243144e-04
## SPNCRNA.793	-1.125441e-04	-3.982502e-05	-3.687056e-04	1.201223e-04
## SPNCRNA.794	3.431398e-04	-6.542705e-05	-2.275148e-04	3.271167e-04
## SPAC25A8.03c	-1.495444e-03	5.115706e-04	-7.833768e-04	4.050117e-05
## SPAC25A8.02	6.780855e-04	-3.439289e-04	3.450654e-04	1.199708e-03
## SPAC631.02	-1.023692e-03	-2.325140e-03	5.086824e-03	-1.449036e-02
## SPAC20H4.02	7.514533e-05	-8.152773e-04	-1.774778e-03	1.885061e-03
## SPAC20H4.03c	8.345041e-04	-5.408020e-03	-2.136869e-03	2.721180e-03
## SPAC20H4.04	7.821993e-04	1.025109e-03	-7.243963e-04	1.435361e-03
## SPAC20H4.08	-1.559588e-03	-5.353852e-05	-1.469896e-03	2.416874e-03
## SPAC20H4.09	7.082626e-04	8.659292e-04	4.172270e-05	1.567203e-03
## SPNCRNA.797	2.814110e-04	-2.395226e-05	-5.156132e-05	6.547513e-04
## SPAC20H4.10	5.360161e-04	-1.291639e-03	-1.724944e-03	2.959773e-03
## SPAC23C11.01	-6.399026e-04	5.566187e-04	-9.648847e-04	4.494644e-03
## SPAC23C11.03	-1.830716e-03	-5.743604e-03	9.682317e-04	1.592511e-03
## SPAC23C11.04c	7.216227e-05	9.742453e-05	-2.052079e-04	5.928443e-04
## SPAC23C11.05	-1.487614e-02	-2.890930e-03	-2.244498e-03	1.303388e-02
## SPAC23C11.08	3.964154e-04	-1.913602e-04	-4.450708e-04	7.795268e-04
## SPNCRNA.799	-1.570881e-04	-1.488037e-04	2.016579e-04	9.436279e-05
## SPAC23C11.09	6.769827e-03	-8.467568e-03	-3.817700e-03	1.729416e-03
## SPAC23C11.10	-2.374720e-04	4.963089e-04	-3.442775e-04	-1.563609e-04
## SPAC23C11.11	-2.224632e-04	-1.232790e-03	-2.464519e-03	2.802172e-03
## SPNCRNA.800	-1.047802e-03	-3.736674e-04	-4.481734e-05	-1.188028e-03
## SPAC23C11.14	3.193092e-03	5.497174e-04	-3.403901e-03	1.424462e-02
## SPAC23C11.15	-1.238165e-03	-9.674987e-04	-1.854834e-03	2.561073e-03
## SPAC23C11.17	-4.466053e-03	-4.889956e-03	1.974040e-03	1.588080e-03
## SPAC13F5.01c	-1.716938e-03	-6.246081e-04	-8.000698e-04	1.221574e-03
## SPAC13F5.02c	-1.410408e-04	-2.182223e-06	9.923961e-04	5.461432e-04
## SPNCRNA.801	3.705415e-05	-1.049205e-04	3.274240e-05	2.837651e-04
## SPAC13F5.06c	-1.382683e-03	-1.649078e-03	-1.338642e-03	8.567168e-03
## SPNCRNA.802	-4.583872e-05	2.094057e-04	-9.761455e-05	3.331369e-04
## SPAC13F5.07c	-1.078394e-05	-5.660143e-04	3.395472e-04	7.271585e-04
## SPAC1783.02c	-7.437984e-04	1.219752e-03	-5.713709e-04	1.266697e-03
## SPAC1783.04c	-3.292146e-04	-1.052013e-03	-3.743042e-04	7.856575e-04

## SPNCRNA.803	8.248438e-05	-3.004328e-04	3.023959e-04	-3.031488e-04
## SPAC1783.06c	2.389876e-04	-3.339579e-05	-9.917030e-05	1.943370e-04
## SPNCRNA.804	3.389999e-04	-1.915902e-04	-3.299073e-04	-2.665533e-05
## SPAC1783.07c	6.348864e-03	6.554929e-04	-5.730027e-03	1.001973e-02
## SPAC1783.08c	1.539178e-02	-1.060541e-04	-9.919789e-03	5.188489e-03
## SPAC1327.01c	1.903915e-04	-2.822644e-03	-1.337858e-03	7.587500e-03
## SPAC18G6.01c	-1.472137e-04	-2.098650e-04	1.075927e-05	-2.597254e-04
## SPAC18G6.02c	3.173066e-04	-3.780881e-04	6.441002e-04	2.002809e-03
## SPATRNAVAL.03	-2.947717e-03	-9.633775e-03	3.209285e-03	-4.408035e-04
## SPAC18G6.04c	3.168462e-03	-2.548804e-04	1.639138e-03	-1.073817e-03
## SPAC18G6.05c	-2.946028e-03	-4.327122e-03	1.194130e-02	-5.440395e-03
## SPAC18G6.06	9.871791e-04	-1.894696e-03	-2.976488e-03	2.972515e-03
## SPAC18G6.07c	-1.245345e-03	-2.537295e-03	-1.115219e-03	6.899094e-03
## SPAC18G6.09c	-3.849940e-04	4.580522e-04	-1.819669e-03	-3.465836e-04
## SPAC18G6.10	4.317156e-04	-8.127493e-04	-1.793164e-03	3.128277e-03
## SPAC18G6.11c	-2.093336e-03	4.685472e-04	-4.998864e-03	5.653974e-03
## SPAC18G6.12c	2.598065e-04	-2.540129e-04	-5.091141e-04	2.537335e-03
## SPNCRNA.806	-2.326602e-04	-2.114717e-04	-2.151729e-04	7.456089e-05
## SPAC18G6.13	-1.678838e-04	-8.475139e-05	4.650229e-04	1.397732e-05
## SPAC18G6.14c	1.425266e-02	-2.189261e-02	1.548857e-02	1.400148e-02
## SPAC13D6.02c	-2.499271e-04	-3.465481e-03	-8.780159e-03	8.397294e-03
## SPNCRNA.189	-9.899094e-05	3.076273e-04	-1.845620e-04	-3.257362e-05
## SPATRNAGLY.02	3.285100e-03	1.459714e-03	-1.788782e-03	3.217993e-04
## SPAC13D6.04c	1.690001e-04	2.927210e-04	3.274380e-04	8.539116e-04
## SPAC13D6.05	1.956393e-04	-5.308514e-04	8.629365e-04	1.086316e-03
## SPAC4G9.02	-2.613820e-04	-1.644675e-03	-5.061674e-04	1.565780e-03
## SPAC4G9.07	1.694412e-04	4.250829e-05	3.649734e-05	1.324066e-04
## SPAC4G9.08c	-2.093275e-03	-2.955723e-03	3.449625e-04	-3.098693e-03
## SPAC4G9.13c	-2.367233e-04	-1.670359e-03	7.673553e-04	1.314523e-03
## SPAC4G9.16c	3.394033e-02	-2.235388e-02	4.224844e-03	-2.069549e-02
## SPAC4G9.17c	5.953912e-04	-9.022076e-04	-9.843133e-04	1.313670e-03
## SPAC4G9.22	-6.242409e-04	-1.904146e-03	2.597990e-03	-6.873595e-03
## SPNCRNA.811	3.088829e-05	-6.122801e-05	-3.630730e-05	3.778067e-06
## SPNCRNA.190	-2.122223e-05	-2.775314e-04	5.365393e-05	-4.883739e-04
## SPAC13G7.07	1.388364e-04	-1.178722e-04	-1.094481e-04	1.087219e-04
## SPAC13G7.08c	-8.990193e-04	1.652239e-03	3.101331e-03	3.527751e-05
## SPAC13G7.09c	-1.943264e-04	-6.463011e-04	-6.658472e-04	2.061449e-03
## SPAC13G7.11	4.537620e-04	-1.496177e-03	-7.533426e-04	9.537394e-04
## SPAC6C3.02c	1.582199e-03	4.954668e-05	-2.971006e-03	5.769641e-03
## SPAC6C3.04	4.674251e-03	-2.533474e-05	-5.214410e-03	4.530966e-03
## SPNCRNA.814	1.645881e-04	2.214132e-05	-9.319982e-05	7.476826e-05
## SPAC6C3.06c	3.816232e-03	7.790632e-04	-8.158775e-03	1.485264e-02
## SPAC6C3.07	-1.985027e-04	-1.418573e-04	1.645643e-04	-6.997818e-05
## SPAC17G8.01c	3.021946e-05	1.469517e-03	-1.087407e-03	2.594167e-03
## SPAC17G8.02	1.448815e-03	1.359459e-03	-2.271166e-04	1.167535e-03
## SPAC17G8.05	-2.203301e-04	-5.740851e-04	-6.553451e-04	1.806028e-03
## SPAC17G8.07	-2.587086e-04	1.177683e-04	-2.434023e-03	1.856052e-03
## SPAC17G8.09	2.733905e-04	-1.373444e-04	-8.690303e-05	3.652605e-04
## SPAC17G8.10c	6.018426e-04	-6.664278e-04	-1.047566e-04	5.324203e-04
## SPNCRNA.817	-3.429093e-05	-3.482938e-05	-1.968625e-05	-3.012973e-05
## SPAC17G8.12	-1.683151e-03	-5.552642e-04	-9.036330e-04	3.574397e-03
## SPNCRNA.192	3.207417e-05	4.173569e-05	-6.363860e-05	2.765909e-05
## SPNCRNA.819	-8.541621e-05	9.008664e-05	-1.344107e-04	3.182608e-04
## SPAC22H10.03c	-6.562060e-04	2.138687e-03	-1.488368e-03	1.974975e-03

## SPNCRNA.821	-5.744119e-05	-2.078350e-04	-4.083433e-05	9.632209e-05
## SPAC22H10.13	-4.595343e-03	-3.161189e-03	-4.606781e-04	5.288309e-03
## SPAC22H10.09	-8.723750e-04	1.516246e-03	-2.342114e-03	5.972400e-03
## SPAC22H10.10	2.540028e-04	-2.596908e-04	-4.126338e-04	2.781604e-04
## SPAC15F9.02	1.485488e-04	-5.203200e-03	1.420808e-03	-4.459970e-04
## SPAC15F9.03c	1.115506e-03	-2.414713e-03	-1.003593e-04	4.377544e-03
## SPAC1B9.02c	3.594655e-03	-1.711144e-03	-1.617850e-03	3.289170e-03
## SPAC1B9.03c	-3.770284e-04	-8.394438e-04	1.674150e-03	-1.294870e-03
## SPAC6B12.03c	9.120061e-04	3.016326e-04	3.658313e-04	-6.987339e-05
## SPAC6B12.18	-1.053925e-03	-1.590263e-03	-5.875848e-04	2.220901e-03
## SPAC6B12.07c	1.667774e-03	-2.020388e-03	-6.391379e-04	-4.059201e-03
## SPAC6B12.08	1.559015e-03	-1.282282e-03	-6.740089e-04	1.336689e-03
## SPAC6B12.13	-1.662107e-03	-1.692999e-03	-7.448946e-05	2.249277e-04
## SPNCRNA.195	-1.225516e-04	-2.907564e-04	1.324157e-04	8.059884e-05
## SPAC6B12.15	6.488122e-03	-7.574951e-04	1.365141e-02	5.230051e-03
## SPATRNALYS.03	-5.926525e-04	-1.480930e-04	1.581600e-04	-5.249502e-04
## SPAC32A11.02c	3.051987e-02	-3.762985e-02	-3.115145e-02	-7.130223e-03
## SPNCRNA.828	-4.514124e-05	1.510315e-04	6.254423e-04	-2.842515e-03
## SPNCRNA.829	-1.792823e-04	-3.883191e-04	-3.898473e-05	-1.183163e-04
## SPAC19A8.13	3.197039e-04	-1.922722e-03	-1.120255e-03	2.405696e-03
## SPAC19A8.12	5.053443e-04	-5.787388e-04	-4.083057e-04	1.814583e-03
## SPAC19A8.11c	7.938472e-05	7.020042e-04	-5.120625e-04	-2.694124e-04
## SPAC19A8.10	-1.604592e-03	-7.876929e-04	3.381882e-04	-5.923661e-04
## SPAC19A8.09	-3.107106e-04	3.460480e-04	1.348592e-04	-3.175147e-04
## SPAC19A8.08	1.627003e-03	-8.030167e-04	-5.468904e-04	6.285626e-03
## SPNCRNA.286	-7.133112e-06	8.462588e-05	-5.322792e-06	-2.836129e-05
## SPAC19A8.07c	3.684081e-04	3.609861e-05	3.567584e-03	3.375943e-03
## SPAC19A8.05c	8.475059e-04	9.838885e-04	5.442138e-05	1.606567e-03
## SPAC19A8.04	2.886299e-03	-4.564300e-03	-2.917427e-03	5.363424e-03
## SPAC19A8.03	1.013662e-03	-1.310828e-03	-3.449909e-04	2.784938e-03
## SPAC19A8.02	1.531783e-03	-4.753395e-03	-1.126130e-03	6.447797e-03
## SPAC19A8.01c	-8.279576e-05	1.936526e-04	6.637180e-04	5.898664e-03
## SPAC23H3.04	-8.665865e-05	6.977885e-05	1.221507e-04	9.568357e-04
## SPAC23H3.05c	-1.686608e-04	1.300910e-03	-9.223818e-04	1.048335e-03
## SPAC23H3.06	-5.499598e-04	-6.519860e-04	5.140914e-04	2.587032e-03
## SPAC23H3.08c	-9.194537e-04	-5.983046e-04	-3.719343e-05	6.108364e-04
## SPAC23H3.13c	2.751744e-04	5.055506e-05	-1.976172e-03	3.358032e-03
## SPNCRNA.197	5.473471e-05	-2.337788e-05	-6.998333e-06	4.275497e-05
## SPNCRNA.831	2.132280e-05	-1.669676e-05	2.864892e-05	-4.786881e-05
## SPAC23H3.15c	1.771225e-01	-1.248591e-03	-6.408613e-02	1.007619e-01
## SPNCRNA.833	1.259141e-04	8.108257e-05	-3.857049e-04	-2.079404e-04
## SPAC25H1.04	5.582514e-04	1.553249e-06	1.466562e-04	-2.356140e-03
## SPAC25H1.05	-1.579813e-03	1.174036e-03	-2.348302e-04	2.181395e-03
## SPAC25H1.06	5.357987e-04	-1.156046e-03	-1.719341e-03	4.866101e-03
## SPAC25H1.07	5.163238e-04	7.138049e-03	-5.475372e-04	1.069515e-02
## SPAC25H1.08c	-9.376918e-05	-7.312837e-04	5.107705e-03	-1.678276e-03
## SPAC4A8.04	3.878444e-03	-5.556063e-04	-7.009391e-03	1.512096e-02
## SPAC4A8.05c	-4.967661e-03	-2.897458e-03	-2.783711e-04	1.727083e-02
## SPNCRNA.836	-8.418256e-05	7.296756e-04	-4.799147e-04	-6.038855e-04
## SPNCRNA.837	-1.548973e-03	5.921255e-04	2.986181e-04	5.129387e-04
## SPAC4A8.07c	9.714526e-04	3.071280e-03	-6.250790e-03	1.336343e-02
## SPAC4A8.08c	-7.444398e-04	-2.486454e-03	-3.406401e-04	2.056402e-03
## SPNCRNA.838	-5.473171e-04	4.088714e-04	-4.581476e-05	4.566916e-04
## SPSNRNA.06	1.324648e-02	-3.935732e-02	-2.756170e-02	-4.439323e-04

## SPAC4A8.10	4.700506e-03	-8.959640e-04	-3.450685e-03	2.928030e-03
## SPNCRNA.839	2.467076e-04	6.907501e-06	2.403474e-04	-3.253434e-04
## SPAC4A8.12c	-3.055214e-04	1.134508e-03	-4.736834e-04	2.824443e-04
## SPAC4A8.14	1.918655e-03	-7.942743e-04	-8.314994e-05	-2.799974e-03
## SPATRNAILE.02	5.160761e-03	-1.262007e-02	-6.752991e-04	-2.064075e-02
## SPAC823.03	6.561340e-04	-2.204267e-03	-1.783782e-03	1.257706e-03
## SPAC823.07	-1.095937e-03	7.795786e-04	-5.956069e-04	3.355105e-03
## SPNCRNA.199	1.331272e-06	-1.540346e-05	4.004345e-05	1.722340e-04
## SPAC823.11	1.669492e-03	3.555988e-03	-3.592176e-04	1.178390e-03
## SPAC823.12	-6.995817e-04	-1.266704e-03	1.514666e-03	-3.815101e-03
## SPAC823.13c	-4.900015e-04	-2.620104e-04	-2.839832e-04	1.900930e-03
## SPAC823.14	2.227523e-03	-4.481448e-04	-2.342618e-03	3.990787e-04
## SPNCRNA.841	2.448661e-04	-1.338099e-04	-5.412511e-04	5.821644e-04
## SPAC823.16c	1.961241e-04	2.841629e-05	3.066088e-04	1.664302e-03
## SPAC7D4.14c	9.759061e-04	-5.412278e-04	4.707289e-04	3.472277e-03
## SPAC7D4.11c	2.343719e-05	-1.565436e-04	-7.109200e-04	2.870359e-03
## SPAC7D4.09c	-2.312367e-04	2.795582e-04	1.625216e-05	1.393765e-03
## SPAC7D4.08	1.375536e-04	-1.986775e-04	1.318443e-04	-2.350487e-04
## SPAC7D4.06c	-7.309928e-04	1.282635e-03	-1.505393e-03	4.646037e-03
## SPAC7D4.04	2.202009e-03	-2.767432e-04	-2.684061e-03	1.052818e-02
## SPAC7D4.03c	1.269311e-03	-8.965384e-04	-2.891644e-03	5.056258e-04
## SPAC4F8.15	9.590891e-04	-2.956930e-04	-2.488545e-03	5.293432e-03
## SPAC4F8.14c	-3.840972e-03	-5.309759e-03	-2.646175e-03	7.234759e-03
## SPNCRNA.843	8.275044e-05	-6.570530e-05	7.092889e-05	8.410415e-05
## SPAC4F8.12c	-2.484240e-03	-4.602703e-03	4.168456e-04	9.317703e-03
## SPNCRNA.326	4.109451e-06	-5.409671e-06	-1.351518e-05	2.966782e-05
## SPAC4F8.10c	1.170037e-03	-8.074933e-04	-7.031787e-04	4.450078e-03
## SPNCRNA.200	3.953303e-05	-2.100463e-05	2.203563e-05	-1.776574e-05
## SPAC4F8.07c	-1.205776e-02	-1.171635e-02	2.143424e-02	5.267220e-03
## SPAC4F8.03	-4.520517e-04	-1.506683e-03	1.898680e-04	-3.429177e-04
## SPAC4F8.02c	-2.407872e-05	3.853122e-04	1.597224e-04	1.008188e-03
## SPAC4F8.01	-2.006315e-04	-2.352059e-04	1.866274e-04	1.248495e-03
## SPAC644.04	2.622902e-04	-1.076887e-03	-2.491502e-03	3.906626e-03
## SPAC644.05c	-2.489632e-03	-9.183578e-04	1.693619e-03	-8.676606e-04
## SPAC644.08	-1.579584e-03	-1.351600e-03	1.073355e-03	-2.486994e-04
## SPAC644.11c	-1.997040e-03	1.942338e-04	4.729653e-04	3.815768e-04
## SPNCRNA.202	-2.589763e-06	2.256171e-05	-9.366164e-06	-5.450592e-07
## SPAC644.14c	-6.554384e-04	-8.907287e-04	-5.702037e-04	2.338698e-03
## SPAC644.15	2.045809e-02	-2.441132e-02	-1.563362e-02	-8.372858e-03
## SPAC644.16	-3.467900e-03	-3.272925e-05	1.404786e-03	2.151823e-03
## SPNCRNA.845	9.765973e-05	-2.869967e-05	-5.047656e-05	7.103188e-05
## SPAPB2B4.02	6.164114e-04	5.101682e-05	-2.204485e-04	-3.582231e-03
## SPAPB2B4.03	-9.996706e-03	2.507274e-03	3.750824e-03	5.759223e-03
## SPAPB2B4.04c	2.144671e-03	-4.872344e-03	-5.884823e-03	1.257137e-02
## SPAC6F6.02c	6.700294e-04	-9.560029e-05	-1.017845e-03	7.734582e-04
## SPAC6F6.03c	-3.414148e-03	3.279350e-03	2.142231e-03	-2.900529e-03
## SPAC6F6.04c	4.359967e-04	1.749645e-03	-4.302150e-04	2.957745e-03
## SPNCRNA.848	-5.901840e-05	4.002949e-05	-3.813687e-05	1.065968e-04
## SPAC6F6.08c	-1.690422e-05	4.226347e-04	4.438403e-05	4.840011e-04
## SPAC6F6.09	-1.885118e-04	1.844284e-04	-7.962708e-04	1.813508e-03
## SPAC6F6.10c	-3.844308e-03	-1.773900e-03	-1.694913e-04	2.624066e-04
## SPAC6F6.11c	9.699847e-04	1.787157e-04	-5.153763e-04	8.142373e-04
## SPNCRNA.849	-7.740998e-05	-1.163010e-04	4.610172e-04	4.790041e-04
## SPAC6F6.13c	-6.378051e-04	-2.455299e-03	-1.852274e-04	2.209723e-03

## SPAC6F6.17	-8.174253e-04	-2.475073e-03	-1.778794e-03	8.279542e-03
## SPNCRNA.852	3.458928e-05	-7.432970e-06	-9.105600e-05	-1.803899e-04
## SPAC1805.03c	-4.174836e-04	-3.969646e-04	1.048057e-04	5.464052e-04
## SPAC1805.04	-7.832557e-05	-2.655217e-03	-2.832586e-03	5.275059e-03
## SPAC1805.05	2.147668e-03	-5.345787e-03	1.600928e-03	1.127646e-02
## SPSNORNA.52	-2.431258e-03	-5.772484e-04	2.033360e-03	6.351156e-03
## SPAC1805.11c	-7.805269e-03	-1.275584e-02	-9.926405e-03	3.354170e-03
## SPAC1805.14	-9.918201e-04	-8.720355e-04	-3.749465e-04	4.128311e-03
## SPAC1805.15c	-2.054205e-04	-8.772251e-04	-3.190347e-04	-4.744791e-04
## SPAC1805.16c	-6.910335e-04	-7.079126e-04	-9.697243e-04	-5.655308e-04
## SPNCRNA.208	1.709219e-05	-1.653815e-05	1.964894e-06	-1.663589e-06
## SPAC1805.17	-3.518976e-03	-3.344976e-03	-4.080774e-03	1.296442e-02
## SPAC1B2.06	6.025778e-04	2.161622e-05	-4.960747e-04	-1.271397e-04
## SPAC3F10.02c	2.379312e-03	-5.740760e-06	-2.643253e-03	8.238225e-03
## SPAC3F10.05c	-1.652781e-03	-1.090163e-03	-1.690200e-03	3.927718e-03
## SPAC3F10.07c	-3.990065e-05	-3.138662e-04	9.572767e-06	6.653295e-04
## SPAC3F10.19	2.173402e-04	-6.676203e-04	-5.028137e-04	1.257904e-03
## SPAC3F10.08c	-1.268313e-03	-6.117574e-04	-1.200423e-03	2.304711e-03
## SPAC3F10.10c	-2.397737e-04	1.205945e-04	-6.001420e-04	6.316808e-04
## SPAC3F10.12c	6.880690e-04	-3.501819e-04	-1.626743e-04	3.545437e-03
## SPAC8F11.02c	-1.306920e-03	-2.067686e-04	-1.130256e-03	2.344888e-03
## SPAC8F11.05c	-1.589006e-04	2.152195e-05	-4.849972e-07	-6.489770e-06
## SPAC8F11.06	1.182801e-04	-2.618840e-06	-6.943125e-04	1.113609e-03
## SPAC8F11.07c	1.066646e-04	-9.628706e-04	-5.362472e-04	2.594267e-04
## SPAC8F11.10c	2.258722e-03	-1.983051e-03	-1.991365e-03	1.738234e-02
## SPACUNK4.13c	4.805272e-05	-1.985285e-04	-6.061668e-04	-9.145194e-05
## SPACUNK4.10	-4.595027e-03	1.214709e-03	-1.159712e-03	-1.139114e-03
## SPNCRNA.858	-4.131343e-05	2.198073e-04	-2.101087e-04	1.256886e-04
## SPACUNK4.07c	3.403044e-03	-5.399174e-03	-4.743651e-04	-1.184002e-03
## SPACUNK4.06c	-1.616295e-04	-1.405871e-04	-6.148241e-03	1.085549e-02
## SPAC513.01c	5.999693e-03	-8.867952e-04	5.155329e-03	-2.350931e-03
## SPAC513.02	2.551486e-04	-1.251919e-03	-9.483845e-04	1.966882e-03
## SPAC513.03	-1.095966e-03	4.450084e-05	-2.061953e-03	1.705312e-03
## SPAC513.05	-4.232551e-03	-2.679608e-03	1.778420e-03	-1.263780e-03
## SPAC2E1P3.01	-3.920845e-03	-4.125052e-03	1.521912e-03	3.795953e-03
## SPNCRNA.859	2.724363e-04	-4.311276e-04	-2.613704e-04	4.628122e-04
## SPAC2E1P3.04	9.291692e-04	-7.495247e-04	2.818431e-04	8.595622e-04
## SPAPB2C8.01	-1.182802e-03	1.627587e-03	9.561701e-04	3.966722e-03
## SPNCRNA.864	1.970889e-04	4.419403e-04	-4.780846e-05	-9.416544e-05
## SPAPB24D3.05c	6.014571e-05	8.066141e-05	-2.489110e-04	2.997299e-04
## SPAPB24D3.06c	1.446019e-03	1.460684e-04	-1.125866e-03	1.656394e-03
## SPNCRNA.865	1.602911e-04	1.225259e-04	-2.153943e-04	2.888536e-04
## SPAPB24D3.08c	-1.404445e-02	1.529438e-03	5.651394e-03	-2.505749e-03
## SPNCRNA.866	-1.804804e-03	-2.379536e-05	-5.514457e-05	1.506675e-04
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	8.794624e-05	5.596329e-05	-6.514212e-05	3.141763e-04
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-3.019894e-05	-7.578622e-04	-1.168138e-04	6.188282e-04
## SPAPB1A11.03	-7.835964e-05	-1.432396e-03	-2.186025e-03	3.875467e-03
## SPAC31G5.01	1.802434e-03	-1.994177e-03	5.973363e-04	1.327757e-03
## SPAC31G5.03	5.064713e-03	-1.186403e-02	-1.297720e-03	-1.450719e-03
## SPAC31G5.05c	-3.565250e-03	-7.387258e-04	1.921669e-04	3.573260e-03
## SPAC31G5.07	2.071779e-04	3.027360e-04	2.846134e-04	1.439212e-04
## SPAC31G5.09c	-1.755844e-04	-3.956234e-04	4.197295e-05	5.498226e-04

## SPNCRNA.872	-4.701643e-05	-9.798958e-06	1.262443e-04	-1.264174e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-3.772720e-04	-1.070171e-03	1.208662e-04	4.813068e-04
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	1.068865e-04	-2.190973e-05	-7.424084e-06	2.076730e-04
## SPAC31G5.12c	8.848703e-04	2.391768e-04	1.845994e-04	3.151779e-05
## SPAC31G5.13	1.013839e-03	-5.653780e-03	-9.973947e-04	-1.602553e-03
## SPNCRNA.875	-1.839638e-04	1.616456e-04	-2.652995e-04	-8.744973e-06
## SPAC31G5.15	-6.104581e-04	-2.316375e-03	-1.551278e-03	2.018491e-03
## SPAC31G5.17c	6.948051e-03	-7.551190e-03	-5.397707e-03	5.265903e-03
## SPAC1786.01c	1.650951e-02	-1.194167e-02	-1.236369e-02	1.704197e-02
## SPAC1786.04	6.860168e-05	3.171927e-05	9.847355e-06	-8.551022e-05
## SPNCRNA.878	-1.465008e-04	1.038388e-04	-3.828199e-05	-1.026396e-04
## SPAC24C9.03	8.721973e-04	-2.763166e-03	6.301802e-04	3.625044e-04
## SPAC24C9.16c	-1.626916e-04	-1.846272e-04	1.620533e-04	5.122901e-04
## SPATRNASER.02	2.904009e-03	-6.701597e-04	1.079074e-03	-2.924056e-03
## SPAC24C9.06c	-2.829877e-02	-6.013290e-03	-7.306825e-03	-1.396043e-02
## SPNCRNA.879	-1.888483e-04	-1.143341e-04	-3.205554e-05	6.450011e-05
## SPNCRNA.880	1.242754e-04	-5.538545e-04	-1.618249e-04	-9.765597e-05
## SPNCRNA.212	-8.946258e-06	-5.599241e-05	4.026513e-05	-7.357984e-05
## SPAC24C9.09	-2.866789e-04	-1.985878e-03	-1.144350e-03	6.616119e-04
## SPAC24C9.13c	-7.440618e-05	-7.790685e-04	2.916874e-04	6.825819e-04
## SPAC24C9.14	-1.718625e-03	1.282342e-03	-4.131335e-04	2.603363e-03
## SPNCRNA.883	-8.465039e-05	6.287630e-07	9.048262e-05	-6.396970e-05
## SPAC24C9.15c	1.751536e-04	-1.674673e-05	2.345347e-04	1.059455e-04
## SPAC16A10.01	5.558779e-04	-2.785104e-03	-1.531693e-03	-9.228039e-04
## SPAC16A10.03c	-1.754376e-03	7.883687e-04	-6.141993e-04	4.263748e-03
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-9.118341e-05	-5.175165e-05	-5.318206e-06	-8.772590e-05
## SPAC16A10.04	-1.838946e-03	1.158004e-04	2.651012e-03	6.100790e-04
## SPAC589.02c	1.257680e-04	-9.907346e-04	-6.372290e-04	1.434963e-03
## SPNCRNA.886	-1.679388e-04	-2.186460e-05	2.884299e-04	-2.014786e-04
## SPAC589.04	-3.684187e-04	3.009872e-04	7.407585e-05	2.292099e-03
## SPAC589.05c	-2.511663e-06	-2.419247e-04	-2.272324e-04	1.159935e-03
## SPAC589.07c	4.134738e-04	1.738648e-04	-4.038477e-04	8.592786e-04
## SPNCRNA.560	2.306755e-04	2.917018e-04	-7.189503e-05	4.421638e-04
## SPAC589.09	5.607013e-03	-6.953043e-04	-1.010097e-03	3.444453e-03
## SPAC589.10c	-2.715113e-02	-2.690454e-02	-6.039090e-02	2.986667e-02
## SPAC589.12	1.603714e-03	2.542219e-04	2.319340e-03	3.421529e-03
## SPAC688.03c	-1.076713e-04	-5.321622e-04	-2.364568e-04	2.510741e-04
## SPAC688.04c	2.627161e-03	-1.392316e-03	-3.601899e-03	6.710946e-03
## SPNCRNA.887	-1.521177e-04	-2.055211e-04	-1.940998e-04	1.018283e-05
## SPAC688.10	-2.042369e-04	-4.241833e-04	-1.806881e-03	2.157634e-03
## SPAC688.11	-3.440896e-03	-3.314805e-03	-3.422214e-03	5.050957e-03
## SPAC688.12c	3.586647e-04	-1.216074e-03	-1.075598e-03	7.885147e-04
## SPAC3G9.16c	-9.493066e-06	1.178886e-04	-2.014005e-04	-8.580871e-05
## SPAC3G9.14	2.015047e-03	3.306944e-04	-1.638801e-03	1.148961e-02
## SPAC3G9.12	-4.823316e-05	-1.211416e-03	-1.126269e-03	8.330490e-03
## SPATRNAALA.03	4.113972e-04	-4.036402e-04	-1.323594e-03	-8.621969e-05
## SPAC3G9.10c	4.418099e-04	-2.307693e-04	-8.686036e-04	1.360691e-03
## SPRRNA.14	-1.155767e-03	-3.185558e-02	-2.842714e-03	-3.545592e-03
## SPAC3G9.08	4.898766e-04	-8.671303e-04	1.505901e-04	1.779967e-03
## SPAC3G9.05	-7.826847e-04	3.661355e-04	-2.252864e-03	4.189487e-03
## SPAC3G9.04	3.366649e-04	-6.500105e-04	-9.046070e-04	2.996677e-03

## SPNCRNA.893	-5.099375e-03	6.451044e-03	6.932531e-02	6.968383e-02
## SPNCRNA.87	-4.137544e-05	-1.003485e-04	1.946898e-04	-1.162846e-04
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	-1.023122e-03	-6.734528e-04	-5.390348e-04	5.747593e-04
## SPAC1486.02c	-7.733258e-04	7.960302e-04	2.749634e-04	1.668226e-03
## SPAC1486.03c	-1.039279e-03	-4.292502e-04	5.669125e-04	8.501016e-04
## SPNCRNA.14	-3.249712e-05	1.420967e-04	2.456914e-05	1.605485e-05
## SPAC1486.04c	3.211096e-03	-1.529256e-03	-4.281381e-03	1.501797e-02
## SPAC1486.06	-3.914902e-04	-6.048644e-04	5.940437e-04	1.678474e-03
## SPNCRNA.895	8.404857e-05	4.321556e-05	2.862205e-05	2.273808e-04
## SPAC1486.09	-2.893668e-03	-4.412334e-03	5.160629e-04	-2.954576e-03
## SPAC6G10.06	-1.500532e-05	-2.319472e-05	8.011626e-05	-1.214462e-04
## SPAC6G10.11c	-3.240902e-02	-7.712277e-02	-1.080216e-01	3.248116e-02
## SPAC6G10.12c	-2.845195e-03	-3.185226e-04	1.337618e-03	9.359072e-04
## SPNCRNA.897	5.062480e-07	1.669015e-04	2.678729e-05	-7.233927e-05
## SPAC6G9.01c	-5.025650e-04	-6.505581e-04	-1.486290e-03	2.815353e-03
## SPAC6G9.04	3.534240e-04	-2.668061e-06	-1.159514e-03	2.918307e-03
## SPAC6G9.05	1.082775e-03	8.529796e-04	-1.381054e-03	2.868359e-03
## SPAC6G9.06c	1.044693e-03	-2.470816e-03	-2.413653e-03	4.560923e-03
## SPNCRNA.898	1.531448e-05	1.128638e-04	-1.697496e-05	2.009110e-04
## SPAC6G9.07c	7.652030e-04	-1.110903e-03	-1.620374e-03	4.473384e-03
## SPAC6G9.08	9.557927e-04	-3.263706e-03	2.602449e-03	3.225569e-03
## SPAC6G9.10c	-7.354941e-04	-5.743649e-03	3.427699e-03	-7.504562e-03
## SPAC6G9.11	1.728206e-03	2.358448e-03	-1.288664e-03	1.337643e-03
## SPAC6G9.13c	3.665697e-05	-5.047022e-05	-1.821927e-04	2.018821e-05
## SPAC6G9.14	1.513971e-03	-4.188386e-06	-1.076399e-03	1.173121e-03
## SPAC6G9.16c	5.650379e-04	-1.092684e-03	-8.446699e-04	5.852787e-04
## SPAPB1E7.02c	-5.139203e-04	-6.861913e-05	-4.620619e-04	2.528340e-03
## SPAPB1E7.05	-2.349372e-03	1.781910e-03	7.227369e-03	1.945064e-03
## SPAPB1E7.08c	-1.901057e-03	-3.640743e-03	2.629301e-03	2.429188e-03
## SPAPB1E7.09	-4.144127e-03	-1.381416e-03	-2.186844e-03	5.391438e-03
## SPAPB1E7.11c	-8.113153e-04	-2.941397e-04	-1.529080e-03	2.313196e-03
## SPAPB1E7.12	9.179112e-03	-1.266027e-02	1.945133e-02	-1.998997e-02
## SPAPB1E7.14	-7.660901e-04	-1.126398e-03	1.326709e-05	6.620809e-04
## SPAC2E1P5.02c	-2.788739e-04	1.621706e-04	1.605089e-04	1.051870e-03
## SPAC2E1P5.04c	5.331217e-04	1.565850e-04	-5.519747e-04	2.765663e-03
## SPAC26A3.01	-1.410326e-02	-6.062612e-03	4.720039e-04	3.642352e-02
## SPAC26A3.03c	-1.190827e-04	-5.165766e-04	-4.710726e-04	7.490849e-04
## SPAC26A3.04	1.768597e-02	1.518313e-02	2.151189e-02	-3.655846e-03
## SPAC26A3.06	-7.477938e-04	1.537868e-04	-1.288203e-03	3.872174e-04
## SPAC26A3.07c	1.445104e-02	-2.242167e-02	-1.365240e-03	8.896935e-03
## SPAC26A3.12c	-1.794452e-03	-2.642916e-03	9.568211e-04	2.263066e-03
## SPAC26A3.11	-1.803134e-03	1.216434e-03	-6.326749e-04	6.437060e-04
## SPAC26A3.14c	-2.455020e-04	1.234468e-04	-3.445030e-04	4.390507e-04
## SPAC26A3.16	1.085675e-03	-6.167899e-03	5.624274e-04	7.278061e-03
## SPAC26A3.17c	-2.677535e-06	-7.739173e-04	1.308035e-03	-3.576742e-03
## SPNCRNA.902	-1.510226e-04	5.958128e-05	5.862110e-05	-3.454276e-05
## SPAC8E11.10	1.640113e-02	3.825560e-03	-8.625755e-03	2.874361e-02
## SPAC8E11.07c	7.828014e-04	-4.501930e-04	-2.917943e-04	1.107479e-03
## SPAC8E11.05c	2.602261e-03	3.489702e-04	-1.366633e-03	5.698787e-03
## SPNCRNA.905	3.474264e-05	1.547169e-04	9.034601e-05	2.713891e-04
## SPAC8E11.01c	-6.598977e-04	-1.842816e-03	-2.197955e-04	1.200929e-03
## SPAC959.04c	-2.262127e-04	-1.993058e-03	5.950018e-04	1.635815e-03
## SPAC959.10	-3.095121e-04	-6.108284e-04	5.089015e-04	1.440294e-04

## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-6.723073e-05	4.505229e-04	-2.962378e-05	1.080763e-05
## SPAC959.08	2.458648e-02	9.944221e-03	2.682183e-02	3.262437e-03
## SPNCRNA.907	-3.074484e-04	-5.463345e-04	-8.255456e-04	7.201865e-04
## SPAC3H5.12c	6.154300e-02	-8.939015e-03	1.405855e-02	-1.582778e-02
## SPAC3H5.11	4.753161e-05	1.713537e-04	3.074536e-04	1.752661e-03
## SPAC3H5.13	-3.433641e-04	-1.375360e-03	-5.337264e-04	1.053209e-04
## SPAC3H5.09c	2.267190e-03	-5.267499e-03	-2.548525e-03	2.363540e-02
## SPAC3H5.07	2.040571e-02	-8.736010e-03	1.216007e-03	-5.394265e-03
## SPAC3H5.04	-3.095265e-04	7.485706e-04	-5.772378e-04	-4.557453e-04
## SPAC3H5.05c	-9.745090e-03	-5.907200e-03	2.228353e-03	3.869143e-03
## SPAC3A11.14c	2.693184e-05	-2.611525e-04	-1.063085e-03	2.290531e-03
## SPNCRNA.561	5.957211e-05	-5.601720e-05	1.590657e-04	2.255682e-04
## SPATRNAARG.01	-1.836643e-03	-7.338536e-03	3.614480e-03	-8.890832e-03
## SPNCRNA.908	-1.053283e-04	8.511003e-05	-2.661225e-04	1.247422e-04
## SPAC3A11.11c	-9.310950e-04	-2.388582e-03	2.099439e-03	1.051699e-03
## SPAC3A11.08	1.100781e-03	6.888455e-04	-2.483233e-03	4.240510e-03
## SPAC3A11.07	5.568989e-03	-4.560423e-03	-1.228318e-03	7.987698e-03
## SPAC3A11.06	3.161515e-04	-1.266862e-03	-4.216582e-04	6.236394e-05
## SPAC328.01c	3.880951e-03	-2.536116e-03	1.002869e-03	7.381672e-03
## SPAC328.02	2.648753e-03	-2.293189e-03	1.811829e-03	-2.193244e-03
## SPNCRNA.911	3.794573e-04	2.466517e-04	-1.621889e-04	-1.289047e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	1.769736e-02	-4.216810e-03	-1.848870e-02	1.381659e-02
## SPAC328.07c	1.002763e-03	-1.891395e-03	-1.172262e-03	2.948040e-03
## SPAC328.09	1.016724e-03	8.160756e-05	-6.343373e-04	-1.185896e-03
## SPNCRNA.912	1.452827e-05	1.768996e-05	-1.065093e-05	2.028730e-05
## SPNCRNA.913	-1.405570e-04	5.492679e-05	-2.023888e-05	-4.986473e-05
## SPAC16E8.01	1.562592e-03	-6.621206e-03	-7.726190e-04	1.402814e-02
## SPAC16E8.04c	-2.934821e-04	8.433169e-04	4.455121e-04	4.194278e-03
## SPNCRNA.914	-2.571866e-04	-1.759371e-04	-3.458862e-04	1.575835e-04
## SPNCRNA.562	-1.570782e-05	1.177447e-04	-6.151385e-05	-4.319094e-05
## SPAC16E8.08	2.413290e-05	-4.590286e-05	-1.541493e-04	7.537289e-04
## SPAC16E8.10c	-3.065879e-05	-4.558988e-04	-1.573519e-03	1.874901e-03
## SPAC16E8.11c	-8.548972e-04	-5.976396e-04	-1.477692e-04	1.870838e-03
## SPAC16E8.18	-5.733689e-05	3.419447e-04	1.752980e-04	1.175183e-03
## SPAC16E8.12c	8.535644e-04	-6.293364e-04	-1.420516e-03	2.406251e-03
## SPAC16E8.14c	2.156065e-05	-3.616060e-04	-1.350427e-04	7.676907e-04
## SPAC16E8.16	-1.661882e-03	-1.826338e-03	1.666179e-03	3.676361e-03
## SPAC16E8.17c	-2.831399e-04	-2.678007e-03	-4.745181e-04	-9.639603e-04
## SPAC1B1.02c	6.312250e-04	8.062222e-04	-1.795855e-03	6.871000e-03
## SPAC1B1.03c	-3.880858e-04	-4.811213e-03	1.390841e-03	1.007469e-03
## SPAC1B1.04c	-3.623413e-04	-1.230163e-03	1.581826e-04	3.131230e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	7.286043e-05	1.045096e-04	-4.914077e-04	6.699356e-04
## SPAC17A2.03c	-1.541855e-05	-8.909413e-05	6.887389e-04	-2.636799e-04
## SPNCRNA.917	-2.368007e-06	2.355738e-07	8.590535e-06	1.679677e-05
## SPNCRNA.918	-1.263452e-04	1.263183e-04	5.343542e-06	-1.003855e-04
## SPAC17A2.12	9.383183e-04	-3.435648e-04	-8.654376e-05	3.691965e-03
## SPAC17A2.13c	-4.200228e-03	-1.442604e-03	-2.622106e-03	-4.334244e-03
## SPNCRNA.919	-6.989587e-05	8.530096e-05	-8.651131e-05	1.640716e-04
## SPAC17A2.14	-1.642409e-03	-4.500529e-04	-2.491131e-03	6.308444e-03
## SPNCRNA.600	-5.665749e-05	-1.646475e-04	8.014694e-05	2.336794e-04
## SPAC17G6.07c	-1.887077e-04	2.778421e-04	1.802854e-04	1.116895e-03

## SPAC17G6.09	-6.939933e-04	7.781513e-04	1.158150e-03	2.899639e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	-5.714558e-04	-3.090377e-03	-2.019328e-04	1.210219e-03
## SPNCRNA.922	8.197616e-05	1.427135e-04	-2.227155e-04	4.925937e-05
## SPAC1142.03c	-5.969772e-04	-1.528121e-03	-2.029108e-03	3.254804e-03
## SPRRNA.16	-5.043657e-04	-1.293674e-03	-2.500844e-03	-3.604887e-04
## SPNCRNA.924	-2.883950e-05	-4.612632e-06	-1.637557e-05	-9.554097e-06
## SPAC8C9.03	6.746261e-04	-6.015670e-03	-9.458692e-04	-3.159479e-03
## SPAC8C9.05	-6.649190e-04	-4.954581e-04	-2.205262e-04	6.858415e-04
## SPAC8C9.06c	-1.466417e-03	-3.019424e-03	-2.961485e-03	1.800560e-03
## SPAC8C9.10c	3.664620e-04	-2.687741e-03	4.726058e-04	-1.466623e-03
## SPAC8C9.16c	-3.877248e-04	-2.914318e-04	-1.187883e-03	8.967234e-04
## SPAC15A10.01	1.093197e-03	1.178204e-04	-5.091341e-04	3.385415e-03
## SPAC8C9.17c	-4.746839e-04	-2.914554e-04	-2.813044e-05	6.791856e-04
## SPAC15A10.02	-1.071312e-03	-4.051759e-03	1.616034e-04	2.856164e-03
## SPAC15A10.03c	-1.703364e-04	-2.183827e-04	-4.500830e-04	3.571615e-03
## SPAC15A10.04c	-1.051610e-03	-7.711853e-03	2.421665e-03	1.009887e-02
## SPAC15A10.05c	-6.223872e-04	1.342484e-04	5.778839e-05	7.573201e-04
## SPAC15A10.07	-5.718413e-04	-1.557646e-03	-6.755764e-04	6.121648e-04
## SPAC15A10.10	-9.487863e-04	-9.212413e-04	6.577102e-04	3.633899e-04
## SPATRNPAPHE.01	-3.451956e-03	1.197159e-02	2.855059e-03	-5.485473e-03
## SPATRNAVAL.04	-1.473179e-03	-5.206040e-03	1.978797e-03	-8.080486e-03
## SPNCRNA.929	6.307473e-05	-1.096183e-04	-1.235691e-04	2.484946e-04
## SPAC15A10.15	1.716735e-04	1.748389e-04	-1.788572e-03	6.274556e-03
## SPAC15A10.16	2.457815e-03	-4.671575e-03	-1.434344e-03	7.205015e-03
## SPAC15E1.02c	-1.232489e-03	1.210447e-03	-2.665419e-03	1.051743e-02
## SPAC15E1.04	-1.029416e-03	-1.436856e-03	-1.112464e-03	3.176488e-03
## SPAC15E1.06	-1.261686e-05	-1.169156e-03	-3.893838e-04	-1.629653e-05
## SPAC15E1.07c	-3.034815e-05	-7.942377e-07	-1.859633e-05	-2.384804e-05
## SPAC15E1.08	-7.500986e-05	-1.046003e-03	-2.371871e-03	3.736405e-03
## SPNCRNA.931	1.516591e-04	7.243329e-05	-6.311275e-05	7.427775e-05
## SPNCRNA.524	6.337876e-05	-4.420553e-05	1.628442e-05	3.705631e-05
## SPAP7G5.03	-8.957563e-05	1.419536e-03	-1.025605e-03	2.217064e-03
## SPAP7G5.04c	2.557788e-02	1.187846e-02	3.567087e-03	-1.967420e-02
## SPNCRNA.933	4.931504e-06	2.248590e-05	4.721823e-05	8.203458e-05
## SPAP7G5.06	6.350150e-04	-3.402811e-03	-3.519966e-03	1.253205e-02
## SPATRNPAPHE.02	-1.520149e-02	-1.147766e-02	-1.130081e-02	-2.816228e-02
## SPATRNPAPHE.04	1.235141e-04	-8.128155e-05	2.267996e-05	-3.534774e-04
## SPATRNPAGLU.03	6.525792e-03	5.307400e-03	-3.994634e-03	2.121029e-03
## SPATRNPAPHE.04	-6.707579e-05	1.214920e-05	1.196400e-05	-1.126924e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-2.061422e-05	1.823622e-05	1.993480e-05	-5.023440e-05
## SPAP4C9.02	6.799020e-04	-7.329098e-04	-1.604658e-04	1.362184e-03
## SPNCRNA.936	7.490028e-05	1.854591e-04	-1.000748e-04	-5.512629e-05
## SPAC1556.02c	-7.662475e-03	-9.420529e-03	-9.598528e-04	-8.373942e-03
## SPAC1556.06	2.500006e-04	-2.494143e-04	1.055539e-04	8.556115e-05
## SPAC1556.07	-5.155726e-03	-6.235517e-03	-6.006916e-03	-6.399919e-03
## SPAC1556.08c	-1.511596e-03	4.105711e-04	-2.654823e-03	3.485701e-03
## SPAC1F12.06c	-3.185949e-05	-1.148046e-04	-3.903718e-04	1.829572e-03
## SPAC1F12.08	-4.380034e-05	2.618633e-04	-1.408612e-04	1.041091e-03
## SPAC1F12.09	1.036835e-03	-1.258538e-03	4.610442e-04	5.070504e-03
## SPAC1F12.10c	5.694269e-04	-4.589052e-04	-7.637608e-04	-6.572750e-03
## SPAC4H3.17	4.945084e-05	-1.298669e-07	-5.736121e-05	-1.291724e-06

## SPAC4H3.02c	-2.008550e-04	-7.775425e-04	-5.364595e-04	6.278984e-04
## SPNCRNA.938	-8.798376e-05	-2.567219e-05	-1.460070e-04	-4.425627e-06
## SPRRNA.17	5.121967e-04	-5.588674e-03	-1.675059e-03	3.251622e-03
## SPAC4H3.04c	-1.327541e-04	-1.083818e-04	-1.226495e-04	8.448035e-05
## SPAC4H3.05	-7.462358e-04	-6.821488e-04	-1.078564e-03	3.291583e-03
## SPAC4H3.16	-1.143382e-03	-5.675765e-04	1.210883e-03	1.176833e-03
## SPNCRNA.939	-2.312992e-04	-4.352297e-04	-4.445822e-04	-3.700784e-04
## SPAC4H3.07c	9.787407e-04	-1.159642e-03	-1.452308e-03	1.539250e-03
## SPNCRNA.940	9.721630e-06	-1.920580e-04	-9.850599e-05	1.638224e-04
## SPAC4H3.08	-2.097642e-05	9.596496e-04	8.084213e-04	3.723812e-03
## SPAC4H3.10c	-7.356488e-02	-9.678018e-04	-9.001907e-03	2.123369e-02
## SPAC4H3.11c	2.854676e-04	-7.801808e-04	1.623642e-03	3.509069e-03
## SPAC4H3.13	-6.313249e-04	2.338100e-04	-9.308057e-04	1.033546e-03
## SPAC4H3.14c	-3.829040e-04	-7.134792e-04	4.787790e-04	3.483957e-03
## SPAC1071.04c	-1.664401e-04	-7.331518e-04	-4.596365e-04	8.341157e-04
## SPAC1071.07c	1.407615e-02	6.781594e-04	-2.552292e-02	2.827239e-02
## SPAC1071.09c	-3.671508e-04	-1.294102e-03	5.544403e-04	-2.552738e-03
## SPNCRNA.92	-1.491146e-06	1.984354e-06	9.904719e-07	-2.796269e-06
## SPNCRNA.944	2.790870e-04	-1.060588e-04	-2.042959e-04	-8.636000e-05
## SPAC1071.11	-3.312266e-04	1.976138e-04	-4.635853e-04	1.835176e-03
## SPNCRNA.947	-2.668822e-04	4.571554e-04	-3.470621e-04	2.347944e-04
## SPAC926.06c	5.406737e-04	-1.361534e-03	-3.254638e-03	7.611067e-03
## SPAC926.07c	-1.158858e-03	9.523808e-04	-3.880142e-04	1.428435e-04
## SPAC926.08c	-5.217701e-03	-5.598177e-03	1.928042e-03	-5.138649e-03
## SPAC323.02c	1.978407e-03	-1.464348e-03	-1.063767e-03	2.740300e-03
## SPAC323.03c	3.196004e-04	5.899692e-04	-5.867562e-04	1.687756e-03
## SPAC323.04	3.649993e-03	4.245509e-05	-2.239943e-03	5.186579e-03
## SPAC323.05c	-1.544818e-03	-1.826877e-03	-6.899486e-04	1.736154e-03
## SPAC323.08	-2.532097e-04	1.335109e-04	-7.870063e-05	6.349860e-04
## SPAC2F3.01	-1.317650e-04	-1.375246e-04	-5.948415e-04	2.188804e-03
## SPAC2F3.17c	-2.067050e-03	-2.351285e-03	-3.386372e-04	1.637286e-03
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	6.192992e-03	-1.081384e-03	-2.838889e-04	6.228506e-04
## SPAC2F3.10	-4.532263e-04	-4.816261e-04	-4.516955e-04	4.740112e-03
## SPAC2F3.13c	-3.807902e-04	-4.577715e-04	1.564739e-03	1.947017e-04
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	4.442911e-04	-3.031700e-04	-4.015792e-04	1.991633e-03
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	6.916276e-04	-4.135615e-04	-1.500925e-03	2.740222e-03
## SPAC2F3.16	2.114049e-03	-1.573967e-04	-1.108360e-03	1.710477e-03
## SPAC11G7.05c	-1.360511e-03	-4.261610e-04	4.782661e-04	7.702600e-05
## SPAC11G7.06c	-7.554225e-04	5.209921e-04	-2.082450e-04	1.324230e-03
## SPNCRNA.952	1.079792e-04	3.147155e-04	-4.121800e-04	3.525935e-04
## SPAPB18E9.02c	2.188796e-03	-9.790366e-04	-5.214641e-03	1.146738e-02
## SPNCRNA.953	1.081053e-03	-9.383617e-05	-6.126968e-04	3.129602e-04
## SPAPB18E9.04c	-2.039425e-04	3.529194e-04	3.888755e-04	1.899853e-04
## SPNCRNA.954	4.602900e-04	2.597181e-04	-5.139024e-04	3.368671e-04
## SPAPB15E9.06	-2.107589e-04	1.541521e-04	4.397811e-05	3.507702e-05
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-1.336714e-03	-2.151299e-03	3.267836e-04	2.946776e-03
## SPNCRNA.955	-3.820587e-04	2.000110e-04	-1.426753e-04	2.926847e-04
## SPAC27E2.03c	4.399503e-03	-6.248448e-03	-2.289076e-03	-1.504952e-03
## SPAC27E2.11c	-3.607899e-05	-1.233671e-05	2.070045e-05	8.628263e-06

## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	-2.905725e-05	2.119604e-05	-2.166653e-04	7.199391e-05
## SPAC27E2.12	5.797991e-05	3.460024e-05	4.297935e-05	-3.344610e-05
## SPAC27E2.06c	-1.065233e-03	-2.030307e-03	9.069690e-04	3.431867e-03
## SPAC27E2.07	2.949955e-04	4.129985e-04	-5.705840e-04	1.662650e-03
## SPAC27E2.08	-1.478174e-07	1.393728e-05	-4.985055e-06	2.528741e-05
## SPAPJ698.02c	8.792360e-04	-1.361198e-02	7.064464e-03	-4.081049e-03
## SPAC19G12.01c	5.473116e-04	-1.243799e-03	4.218706e-05	8.199613e-04
## SPAC19G12.03	-2.864531e-03	-1.508406e-03	-4.554367e-04	3.442178e-03
## SPNCRNA.956	3.415371e-05	1.191799e-04	-4.991276e-05	6.106944e-05
## SPAC19G12.05	2.211017e-03	-5.159656e-04	4.744485e-05	2.607963e-03
## SPAC19G12.10c	-1.530258e-02	-2.843896e-02	-2.046627e-02	5.086862e-02
## SPAC19G12.17	-3.398832e-04	3.596649e-04	-3.183373e-04	2.028519e-03
## SPAC19G12.11	-1.030735e-03	-1.236871e-04	2.543591e-03	-1.147045e-04
## SPAC19G12.12	-1.119625e-03	-8.530684e-04	2.029806e-04	2.431775e-03
## SPAC19G12.15c	-6.111365e-03	-1.502253e-02	-4.458118e-03	8.251473e-03
## SPAC19G12.16c	-7.071472e-03	-8.271948e-04	8.729278e-03	1.048221e-02
## SPAC23A1.02c	-9.109969e-04	-2.001525e-03	-8.666184e-04	4.467331e-04
## SPAC23A1.03	5.383150e-03	6.189810e-03	3.661772e-03	-7.732171e-03
## SPAC23A1.04c	-6.722159e-04	-1.979210e-03	-6.058102e-04	3.915969e-03
## SPAC23A1.05	-1.272894e-03	2.496891e-04	-9.928282e-04	4.508061e-03
## SPAC23A1.06c	8.973907e-04	-2.454346e-03	1.300970e-03	-1.349157e-03
## SPAC23A1.09	6.039765e-04	-3.787209e-04	-3.696060e-04	1.820766e-03
## SPNCRNA.957	-7.396479e-05	1.816118e-04	-1.167624e-04	-5.200646e-05
## SPAC23A1.11	6.112462e-03	-1.564006e-02	-2.750328e-03	2.942981e-04
## SPAC23A1.12c	7.480651e-04	-4.827450e-03	2.321619e-03	-6.224756e-03
## SPNCRNA.958	6.775406e-05	-3.013573e-04	-2.384350e-06	-6.093178e-05
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	-5.948974e-04	-8.102341e-04	-1.438367e-03	1.061709e-03
## SPAC23A1.17	3.020497e-03	-3.467781e-03	-8.957939e-04	5.259197e-03
## SPAC23A1.18c	-1.283940e-03	-1.566630e-03	-1.968742e-03	5.267397e-04
## SPAC23A1.19c	-4.268735e-04	1.337313e-03	-2.324804e-03	7.052675e-03
## SPAC26H5.02c	1.653106e-04	1.237020e-04	3.182993e-04	1.359306e-03
## SPAC26H5.03	-2.777408e-04	-1.559537e-03	-9.132682e-04	1.369942e-03
## SPNCRNA.959	3.933360e-05	4.430924e-04	-1.025175e-04	-1.444411e-06
## SPNCRNA.960	7.682154e-05	4.016797e-05	1.492858e-04	1.324821e-04
## SPAC26H5.05	-3.044235e-03	-2.764640e-03	-7.894544e-04	3.920667e-03
## SPAC26H5.06	4.185148e-04	-1.089530e-03	-7.553121e-04	1.908697e-04
## SPNCRNA.963	2.524040e-04	1.052785e-04	6.503146e-05	1.441451e-04
## SPAC26H5.11	-9.174814e-04	-1.819558e-03	-2.795191e-03	5.459944e-03
## SPAC26H5.12	4.669987e-04	-2.953682e-03	-6.196760e-04	2.559176e-03
## SPAC26H5.13c	1.096286e-04	4.377659e-04	5.198326e-04	1.890013e-03
## SPAC25B8.01	8.825312e-04	-1.087067e-03	4.996937e-05	7.120598e-04
## SPAC25B8.06c	-6.709412e-04	-9.275317e-04	4.788647e-04	-6.082500e-04
## SPAC25B8.08	2.488230e-03	-1.207664e-03	-5.955665e-04	3.159555e-03
## SPNCRNA.966	1.269641e-04	7.888735e-05	1.173583e-04	-9.043087e-05
## SPAC25B8.09	6.629435e-04	-1.157036e-05	2.201008e-04	-3.530350e-04
## SPAC25B8.12c	-1.458260e-02	-1.431231e-02	-4.799181e-04	-6.341916e-04
## SPAC25B8.17	-1.026028e-03	-1.807594e-03	5.976280e-04	2.161825e-03
## SPAC25B8.18	3.994512e-04	-5.721961e-04	-4.209436e-04	1.741003e-04
## SPAC25B8.19c	-9.671256e-06	-1.244263e-03	-1.013613e-03	2.984810e-03
## SPAC683.03	3.512507e-05	6.281237e-05	-2.358163e-05	5.363007e-05
## SPNCRNA.969	1.181874e-04	-5.341475e-04	1.330327e-04	4.708084e-04
## SPAC683.02c	-2.060288e-03	-1.015703e-03	-3.806106e-03	2.864407e-03

## SPAC694.02	1.691440e-03	-1.527807e-02	3.051385e-02	-2.621594e-02
## SPAC694.05c	-1.486712e-02	1.674784e-03	-1.995057e-02	2.021953e-02
## SPAC694.06c	-2.545560e-03	-1.927478e-03	1.364160e-03	5.104717e-03
## SPAC1F7.01c	7.922284e-04	-6.645856e-03	4.031985e-05	4.232810e-03
## SPAC1F7.14c	5.237990e-04	-6.445919e-04	6.769133e-04	-1.356203e-04
## SPAC1F7.04	-1.168022e-03	-3.095557e-03	-2.560088e-03	1.775212e-03
## SPAC1F7.05	-2.590055e-02	-7.135003e-04	1.987805e-02	3.924693e-03
## SPNCRNA.973	1.514093e-04	3.043407e-04	-1.984515e-04	1.518112e-04
## SPNCRNA.243	-8.175571e-05	-5.022847e-05	7.467526e-05	8.263623e-05
## SPAC1F7.08	4.419342e-02	-8.976244e-03	-1.303989e-02	6.263677e-02
## SPAC1F7.09c	1.043786e-04	2.148045e-04	-5.903494e-04	7.420335e-04
## SPAC1F7.13c	-1.462140e-02	-3.818503e-03	-1.988722e-02	1.304818e-02
## SPAC21E11.04	2.373838e-04	1.491165e-03	-1.688620e-04	2.740613e-04
## SPAC21E11.06	1.628131e-03	-5.214059e-03	1.285436e-03	5.787602e-03
## SPNCRNA.13	3.878466e-05	1.704291e-05	4.474000e-05	3.527777e-05
## SPAC21E11.07	-5.460704e-04	-7.355874e-04	-7.546558e-04	1.517997e-03
## SPAC2C4.03c	3.810622e-04	-1.257261e-03	-4.201827e-04	1.436589e-04
## SPAC2C4.04c	-4.000736e-04	-7.689109e-04	-7.692700e-04	1.095755e-03
## SPNCRNA.98	1.960773e-01	7.720996e-02	-1.024300e-01	-3.407875e-02
## SPAC2C4.07c	2.580899e-04	-1.502316e-03	-1.481320e-03	2.963573e-03
## SPAC2C4.09	-3.975393e-04	-4.120446e-04	-9.251579e-04	5.640318e-04
## SPAC2C4.10c	-1.339857e-03	-1.191298e-03	-1.449671e-03	2.844877e-03
## SPAC2C4.13	1.630590e-03	-1.219130e-03	-2.079654e-03	4.434786e-03
## SPAC2C4.17c	7.712165e-03	-1.869453e-03	-2.603809e-04	-1.131270e-02
## SPAC25G10.02	-7.273801e-04	-3.584160e-04	-1.028353e-05	1.110180e-04
## SPAC25G10.03	1.910478e-04	1.494250e-03	7.177730e-04	3.499206e-04
## SPAC25G10.04c	9.511991e-04	6.513794e-04	-1.431227e-04	8.362196e-04
## SPAC25G10.08	1.813560e-02	-1.542050e-02	9.266143e-03	-6.472239e-03
## SPAC27F1.05c	-1.384698e-04	-1.192446e-04	-1.146402e-04	6.547047e-04
## SPNCRNA.977	-1.161991e-04	-1.433566e-04	-1.651325e-04	8.194239e-04
## SPAC27F1.10	-9.475808e-06	1.427487e-04	-9.669901e-05	5.161747e-05
## SPNCRNA.978	3.716361e-05	-8.287821e-06	-1.358317e-04	2.731765e-04
## SPAC27F1.06c	3.017997e-03	-5.282321e-03	-1.686525e-04	-3.099017e-03
## SPAC23D3.04c	6.950644e-03	6.554832e-04	-6.169175e-03	4.127086e-03
## SPAC23D3.05c	-9.006612e-04	-8.312004e-04	1.455820e-05	1.811827e-04
## SPAC23D3.06c	-5.291896e-04	-5.062470e-03	-2.410098e-03	1.837031e-04
## SPAC23D3.07	2.603975e-03	-9.174246e-04	4.461491e-03	-7.267014e-05
## SPAC23D3.09	-8.646909e-04	1.310540e-03	-1.354283e-03	3.194984e-03
## SPAC23D3.10c	4.045681e-04	-1.080795e-03	1.217888e-03	2.988349e-03
## SPNCRNA.244	-4.376978e-05	-1.455493e-04	-4.183135e-05	1.137802e-04
## SPAC23D3.12	1.439911e-02	3.170622e-03	-1.500621e-02	3.637590e-02
## SPAC23D3.16	2.416446e-05	-8.604253e-04	-6.260864e-04	5.759645e-04
## SPAC23D3.13c	-1.665176e-04	-6.527525e-04	-3.660149e-03	7.599913e-03
## SPAC23D3.14c	2.698536e-04	-7.430121e-04	-4.066822e-05	2.813516e-04
## SPNCRNA.982	5.657608e-04	1.976807e-04	-2.729041e-04	7.427930e-04
## SPAC1527.01	9.567544e-04	8.185512e-04	-2.646587e-03	4.540210e-03
## SPAC1527.02	1.460777e-04	-2.226635e-04	5.627688e-06	2.081194e-03
## SPAC1527.03	-7.927996e-04	-1.103066e-03	-2.129098e-03	3.996279e-03
## SPAC30.03c	-1.053778e-03	7.175626e-04	5.558354e-05	2.015057e-03
## SPNCRNA.983	1.273632e-05	-3.328256e-05	-4.433770e-05	3.205023e-05
## SPNCRNA.984	-2.766950e-04	7.536088e-05	-2.352639e-04	3.931468e-05
## SPNCRNA.246	-1.011387e-05	6.992978e-06	1.343184e-05	2.645868e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	1.803162e-03	-1.692050e-03	-1.957430e-03	2.097957e-03

## SPAC29E6.06c	4.959615e-03	-6.621847e-03	1.091071e-03	9.314085e-03
## SPAC29E6.09	-5.610237e-04	2.676544e-04	-2.862106e-04	1.889545e-03
## SPAC29E6.10c	4.161635e-03	-3.237421e-03	-2.638985e-03	1.009660e-02
## SPAC16.02c	3.670956e-03	-5.331081e-03	-5.699773e-03	9.468226e-03
## SPNCRNA.247	2.891959e-05	1.215053e-05	1.957606e-06	2.555493e-05
## SPAC16.04	-1.475235e-03	-3.503437e-03	2.462208e-03	1.306207e-03
## SPNCRNA.99	-7.922792e-05	-1.670881e-04	1.216129e-04	-5.310015e-04
## SPAC9E9.02	4.496079e-04	1.150510e-04	-3.653845e-04	-1.889869e-05
## SPNCRNA.988	9.825762e-05	6.464494e-05	1.300291e-04	-2.193135e-04
## SPAC9E9.05	-2.236177e-04	-4.515199e-04	-1.823175e-05	5.054931e-04
## SPAC9E9.06c	8.801374e-03	1.166382e-03	3.061391e-03	-4.443743e-03
## SPAC9E9.07c	1.944538e-03	-1.939551e-03	-1.841988e-03	2.461783e-03
## SPAC9E9.08	6.924174e-04	1.359550e-03	-1.006264e-03	4.025666e-03
## SPNCRNA.990	8.284030e-06	-4.572150e-05	-3.699672e-04	4.738723e-04
## SPAC9E9.10c	2.676298e-03	-3.793988e-03	-9.350540e-04	2.365573e-03
## SPAC9E9.11	-1.993544e-02	3.362640e-03	-3.695623e-03	-4.547726e-03
## SPAC9E9.12c	-3.857184e-04	-8.797457e-04	-3.630636e-04	9.287459e-04
## SPAC9E9.13	3.825417e-02	-3.857625e-02	-2.355798e-02	-1.616819e-03
## SPAC9E9.14	1.963257e-03	-7.067324e-04	-1.788400e-03	4.591514e-03
## SPAC17C9.16c	-1.923337e-03	6.105688e-04	-1.253910e-03	5.780510e-03
## SPAC17C9.15c	1.565819e-03	-5.483742e-04	-1.791664e-03	2.636546e-03
## SPAC17C9.13c	-6.747490e-04	7.393521e-05	-2.977294e-03	8.570744e-03
## SPAC17C9.12	-1.835647e-03	-2.600406e-03	-7.824519e-04	6.476828e-04
## SPAC17C9.11c	5.341473e-05	-2.413802e-03	-2.159311e-04	4.583363e-04
## SPAC17C9.09c	2.485036e-03	-1.705584e-03	6.647008e-04	3.661232e-04
## SPAC17C9.08	6.678994e-04	-5.012495e-04	-3.249379e-04	2.802929e-03
## SPAC17C9.06	9.051752e-04	-1.998036e-04	2.362253e-04	4.686514e-03
## SPAC17C9.03	1.825162e-03	-3.519719e-02	-1.449157e-03	5.444467e-03
## SPAC17C9.02c	-4.317918e-04	-9.341458e-04	-1.022082e-04	1.338395e-03
## SPAC1851.02	2.566288e-03	-1.192642e-04	-1.848329e-04	2.906051e-03
## SPAC1851.03	-8.048723e-04	-1.006023e-03	-9.817263e-04	2.945096e-03
## SPNCRNA.992	3.963630e-05	4.665504e-04	-5.730255e-04	1.052943e-03
## SPAC27D7.03c	6.486116e-04	-1.640983e-04	-9.974115e-04	1.315134e-03
## SPAC27D7.04	2.844596e-04	2.693980e-04	-1.209945e-05	4.329044e-04
## SPAC27D7.05c	-5.058984e-04	6.268302e-04	-5.649709e-04	1.017753e-03
## SPAC27D7.07c	6.574202e-04	-2.342333e-03	8.964997e-04	-1.572258e-04
## SPAC27D7.08c	-6.652441e-04	-1.031430e-04	6.194156e-04	2.610198e-05
## SPAC27D7.09c	-3.004691e-02	-1.163652e-02	9.926935e-03	4.882348e-03
## SPAC27D7.11c	-7.956330e-04	-9.342951e-04	-8.731890e-03	1.058722e-02
##	[,17]	[,18]	[,19]	[,20]
## SPAC212.11	-2.677233e-04	-2.789710e-04	-5.201934e-05	3.905948e-04
## SPAC212.09c	6.327582e-04	-1.733909e-04	-1.174820e-04	2.686439e-04
## SPNCRNA.70	-3.252871e-06	4.012583e-06	-4.927499e-06	1.477159e-07
## SPAC212.12	2.895855e-05	-5.318032e-05	-1.277452e-05	-1.159914e-05
## SPAC212.04c	6.367445e-04	-1.668245e-05	6.619808e-04	-3.777940e-04
## SPAC212.03	-5.148245e-06	-1.798155e-06	-5.746277e-06	-2.072857e-05
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	1.893538e-05	-1.713975e-05	1.441756e-05	-3.387474e-05
## SPAC977.03	-5.462064e-07	8.387653e-07	6.094875e-07	-1.779137e-05
## SPAC977.04	8.329046e-06	-1.818816e-05	-1.372630e-05	-2.933161e-05
## SPAC977.05c	-2.653367e-05	3.250296e-05	-1.364715e-05	2.414257e-05
## SPNCRNA.136	-4.237198e-06	6.068234e-06	-3.708892e-06	-1.027823e-05
## SPNCRNA.601	-5.044395e-05	3.058874e-05	-2.299731e-04	-1.197530e-04
## SPAC977.07c	-1.835021e-05	-3.535784e-05	1.509008e-05	-3.268338e-06

## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	1.559619e-03	-1.627706e-04	4.663817e-04	-8.972614e-04
## SPAC977.13c	6.524054e-04	-5.308977e-04	-2.205542e-05	6.517383e-04
## SPAC977.15	-8.640736e-04	1.840906e-04	-8.403752e-04	1.035944e-04
## SPAC977.16c	-1.736056e-03	-6.306689e-04	-2.016400e-04	2.499787e-03
## SPNCRNA.37	-3.090584e-05	8.012471e-08	-3.894612e-05	-6.033431e-05
## SPAPJ695.01c	7.377554e-05	-2.842663e-05	-3.417475e-05	-2.445841e-05
## SPNCRNA.76	3.136230e-05	1.438069e-04	4.966891e-06	-5.054029e-05
## SPNCRNA.603	-4.347443e-05	-1.390852e-04	1.558856e-05	-4.152954e-05
## SPNCRNA.607	7.909646e-04	-5.125333e-04	-3.369320e-04	-1.946485e-04
## SPAC1F8.06	1.273984e-03	-3.374129e-04	1.914902e-03	-7.152236e-04
## SPAC1F8.08	6.796079e-04	-7.603018e-04	1.806903e-04	5.924980e-04
## SPAC11D3.19	4.648022e-04	3.306504e-04	-3.319264e-04	-3.727710e-05
## SPAC11D3.01c	-7.972424e-03	7.535349e-03	6.401880e-03	8.185945e-03
## SPNCRNA.608	2.285167e-04	2.135757e-04	-5.942616e-04	-1.045609e-04
## SPAC11D3.02c	-2.865577e-03	1.646408e-03	2.841566e-03	-9.281963e-03
## SPAC11D3.03c	-7.026956e-04	-1.289193e-04	4.723738e-04	-2.395886e-04
## SPAC11D3.05	-4.748708e-03	-2.034487e-03	2.210745e-03	-9.567903e-04
## SPAC11D3.07c	5.493925e-03	-9.022022e-04	-1.692764e-03	-9.594489e-04
## SPAC11D3.08c	3.759361e-03	2.973304e-03	-1.196983e-03	-1.177936e-03
## SPAC11D3.11c	1.435059e-03	8.064179e-04	-1.171374e-03	-1.033616e-03
## SPAC11D3.14c	4.269538e-04	1.427160e-03	-4.029198e-04	-1.097547e-03
## SPNCRNA.609	9.524398e-04	-6.830332e-04	2.378369e-04	-7.432223e-04
## SPNCRNA.147	-6.108689e-05	7.727701e-06	-5.737698e-05	3.685515e-05
## SPNCRNA.610	-4.422739e-06	-4.116219e-05	3.940475e-05	-6.888683e-05
## SPAC11D3.16c	1.476018e-03	-1.400708e-03	-5.162187e-04	-1.234207e-03
## SPAC11D3.18c	2.853680e-04	4.793155e-04	5.653910e-04	-2.846122e-04
## SPNCRNA.612	2.805641e-04	-4.227830e-04	-6.741095e-05	-1.104572e-03
## SPAC5H10.01	-4.287079e-04	7.309943e-05	1.196910e-04	3.570657e-04
## SPAC5H10.03	-2.751472e-02	-2.621010e-03	-1.872967e-02	-1.764209e-02
## SPAC5H10.04	6.745446e-06	-4.019985e-04	-6.449720e-04	-3.845824e-04
## SPAC5H10.06c	4.623849e-03	-1.209457e-04	1.375250e-03	-6.791505e-03
## SPAC5H10.08c	-2.261570e-03	-4.551126e-03	2.341423e-03	-1.659837e-03
## SPAC5H10.09c	5.297065e-04	4.906410e-05	6.349345e-04	-6.729355e-04
## SPAC5H10.10	-2.770441e-03	9.806476e-04	-3.440674e-03	-1.232339e-03
## SPAC5H10.11	-2.722553e-04	6.914137e-05	-8.529112e-05	1.326587e-05
## SPAC5H10.12c	5.137345e-03	-5.225795e-05	1.094225e-03	-1.441800e-03
## SPAC5H10.13c	6.041821e-03	1.589661e-03	4.574698e-03	-3.734292e-03
## SPNCRNA.617	3.611207e-04	4.238515e-06	1.090210e-04	4.075041e-04
## SPAC13G6.01c	2.028765e-03	-8.894582e-04	-1.433272e-03	-6.850112e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	9.139737e-04	2.126461e-03	-5.858484e-05	-1.891791e-04
## SPNCRNA.618	1.583320e-05	-2.268428e-04	3.369676e-04	1.306512e-04
## SPNCRNA.620	5.897749e-05	-6.986279e-05	-7.261720e-05	1.660842e-04
## SPAC13G6.14	1.867829e-03	1.623526e-03	-3.882909e-04	7.823998e-04
## SPAC13G6.15c	5.180192e-04	-1.174929e-03	9.942412e-04	-1.959246e-05
## SPNCRNA.621	5.625739e-04	-3.576592e-04	-6.225235e-05	1.135942e-04
## SPAC24B11.05	6.499792e-04	-2.106905e-03	3.811620e-04	-1.888880e-04
## SPAC24B11.08c	1.213676e-03	-1.596128e-03	-2.097076e-03	-2.311269e-03
## SPNCRNA.142	-5.894820e-06	8.281255e-06	8.548960e-06	2.827486e-05
## SPAC24B11.09	-2.656863e-04	1.025411e-03	5.203302e-05	-2.720116e-03
## SPAC24B11.11c	5.459265e-03	-2.573787e-03	1.467637e-03	-1.096241e-03
## SPAC24B11.12c	3.820509e-03	-4.783541e-04	-6.833646e-03	6.024414e-03

## SPNCRNA.624	1.750498e-04	4.455501e-04	-7.475090e-05	-5.856512e-04
## SPAC806.02c	-2.832315e-03	-4.229159e-03	1.996333e-03	3.210990e-03
## SPNCRNA.625	2.170386e-04	-6.582282e-05	-1.641769e-04	-1.810439e-05
## SPAC806.11	1.219986e-04	2.099359e-04	6.685283e-05	-1.734969e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-4.651550e-04	8.720216e-06	-1.678174e-04	-3.924518e-04
## SPNCRNA.627	-3.178789e-05	2.437213e-05	6.689286e-05	7.070996e-05
## SPNCRNA.628	9.147361e-05	-8.214751e-05	-3.806908e-05	-4.710193e-05
## SPAC806.06c	3.655579e-03	3.571883e-04	2.587793e-03	3.158134e-03
## SPAC806.07	-1.349706e-03	-1.392120e-03	-1.694612e-03	-1.675083e-03
## SPNCRNA.630	-1.310701e-04	-3.285405e-04	2.802816e-04	-2.827918e-04
## SPAC1F5.11c	7.217147e-03	-6.102669e-03	-5.719965e-03	-5.194093e-03
## SPNCRNA.632	4.363034e-05	-1.838866e-04	1.724999e-04	7.202792e-05
## SPNCRNA.633	-1.996726e-04	-9.546203e-05	-1.707037e-04	-1.576660e-04
## SPAC1F5.07c	-1.264757e-03	1.866735e-03	-1.228978e-03	-2.709514e-03
## SPAC1F5.04c	7.108360e-03	2.739813e-03	5.792366e-04	-3.578092e-03
## SPAC1F5.02	-1.756311e-02	-2.572770e-02	-9.400714e-03	1.651201e-02
## SPNCRNA.148	-2.603841e-05	4.279541e-05	5.588664e-05	4.216861e-06
## SPAC18B11.10	4.317828e-03	-6.797577e-04	-1.300391e-03	-1.354024e-03
## SPNCRNA.27	-2.567248e-05	-1.522614e-05	5.966980e-06	-7.031430e-08
## SPNCRNA.635	1.887749e-05	5.697510e-05	-5.892878e-05	1.803473e-05
## SPAC18B11.09c	-9.018051e-04	4.729128e-05	9.091749e-05	-1.713389e-04
## SPAC18B11.08c	-2.409703e-04	-1.237609e-03	-6.332232e-04	7.422389e-04
## SPAC18B11.07c	1.319152e-03	-3.087943e-04	-2.526965e-03	1.119712e-03
## SPAC18B11.04	-8.686124e-06	-1.742423e-03	-6.091883e-04	-1.279771e-03
## SPNCRNA.636	-1.690246e-04	-1.082373e-03	1.082009e-03	-1.931487e-04
## SPAC18B11.02c	-2.418968e-03	3.759284e-04	5.416360e-05	1.891839e-03
## SPAC12G12.15	-1.621571e-04	-2.949589e-04	-1.400678e-03	2.494242e-04
## SPNCRNA.637	2.310762e-04	-1.049870e-04	4.230693e-06	1.081203e-04
## SPAC12G12.14c	9.919862e-04	-1.238957e-03	2.925423e-04	-3.604554e-05
## SPNCRNA.638	-6.326483e-05	-7.229256e-05	-9.144647e-05	1.482250e-05
## SPAC12G12.10	2.913824e-03	-8.383104e-04	7.111642e-04	-1.022021e-03
## SPAC12G12.09	5.271705e-03	-2.804085e-03	1.291519e-03	-1.104488e-04
## SPAC12G12.06c	-7.822934e-03	-4.999376e-03	9.021127e-04	1.592995e-03
## SPNCRNA.639	-5.090227e-05	6.403910e-05	3.658290e-05	-6.446192e-05
## SPAC12G12.03	4.655685e-03	-1.144971e-03	1.907769e-03	-4.269319e-03
## SPAC630.05	2.625174e-03	-9.013047e-04	1.032550e-03	-9.718558e-04
## SPAC630.15	-1.113117e-04	-2.642456e-04	-6.568180e-04	-1.190642e-03
## SPATRNPAPRO.01	8.205404e-04	4.835883e-04	-3.602025e-03	-1.159185e-03
## SPAC630.11	2.024550e-03	-3.006249e-03	2.705858e-03	-6.913532e-04
## SPAC630.12	1.412723e-03	-5.090278e-04	9.083828e-04	-1.996862e-03
## SPAC630.13c	4.973286e-03	-3.560996e-03	-7.023088e-04	-3.601246e-03
## SPAC630.14c	2.719324e-03	5.110608e-04	-1.576070e-04	-2.613584e-03
## SPAC1751.01c	6.891347e-04	6.273119e-04	-5.493722e-04	9.092596e-04
## SPAC1751.04	1.700807e-03	-7.021046e-04	2.996214e-04	-1.902062e-03
## SPAC1751.02c	3.240592e-04	-1.557017e-03	-1.219382e-03	-1.023807e-03
## SPAC31A2.02	-1.027095e-03	-2.102046e-03	-1.639815e-03	4.963611e-04
## SPNCRNA.643	-5.144400e-05	2.670371e-04	7.698124e-05	-2.035068e-04
## SPAC31A2.03	-1.634974e-04	-1.541125e-03	1.917473e-03	3.389625e-04
## SPAC31A2.04c	-5.106352e-04	-5.610600e-03	8.340192e-04	-1.520359e-04
## SPAC31A2.06	1.828650e-03	-3.599139e-03	1.030668e-03	1.323803e-03
## SPAC31A2.07c	4.880269e-03	5.069889e-05	4.003082e-03	-2.025640e-03
## SPAC31A2.09c	5.788932e-04	-2.356862e-03	-1.128694e-03	-2.722717e-04
## SPAC31A2.11c	3.082426e-03	1.402995e-03	2.340100e-03	-8.633730e-04

## SPAC31A2.12	2.532759e-03	2.280692e-03	-5.756991e-04	2.868503e-04
## SPAC31A2.13c	1.751755e-03	-9.656915e-04	-7.320748e-04	8.731561e-04
## SPAC31A2.14	5.530227e-03	-2.810354e-04	4.686467e-04	1.244877e-04
## SPAC31A2.16	4.094546e-03	-5.916768e-05	2.206220e-03	8.194527e-05
## SPAC13C5.01c	1.435536e-03	-4.084600e-03	-3.150257e-03	1.129557e-03
## SPNCRNA.644	3.193105e-05	4.722100e-05	2.095858e-04	-1.033312e-04
## SPAC13C5.04	3.283153e-03	-9.640665e-04	-2.920096e-03	4.322892e-03
## SPNCRNA.645	-1.563950e-04	-1.068253e-05	-4.037947e-04	-4.498817e-04
## SPAC13C5.05c	-1.180453e-03	-1.906551e-03	-7.666465e-04	1.086237e-03
## SPAC13C5.06c	2.282470e-03	-1.109522e-03	-9.628136e-04	5.463114e-04
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	3.243762e-02	4.321745e-02	-8.414724e-05	7.995242e-02
## SPAC23E2.02	3.211543e-03	-4.090381e-05	-1.478891e-03	-7.996728e-04
## SPRRNA.11	4.789292e-03	-9.170674e-03	1.039168e-02	9.289745e-03
## SPAC24H6.12c	5.682138e-03	-1.299604e-03	-1.969528e-03	3.837842e-03
## SPAC24H6.11c	5.392545e-03	1.764937e-04	-2.613218e-03	-1.638900e-03
## SPNCRNA.652	3.378283e-04	-5.026796e-04	7.141995e-04	-7.204295e-04
## SPAC24H6.09	7.188949e-04	-2.576415e-03	-4.752636e-04	-1.643260e-03
## SPAC24H6.07	-1.250962e-02	-1.137465e-02	1.273770e-02	3.079786e-03
## SPAC24H6.06	1.650879e-03	-9.870985e-04	2.937551e-04	-7.784860e-04
## SPAC24H6.04	-1.009242e-02	9.523759e-03	-5.362891e-03	-2.354423e-03
## SPNCRNA.653	3.990385e-05	-1.342404e-04	-6.454250e-05	-4.111195e-05
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	7.727674e-04	-6.145722e-04	8.262540e-05	1.874616e-05
## SPNCRNA.654	-1.355299e-05	6.526020e-05	-4.129119e-05	8.877911e-05
## SPAC24H6.01c	4.585066e-04	-7.243818e-04	-3.437712e-04	-1.491137e-03
## SPAC227.19c	6.370030e-04	-6.310860e-04	-4.029553e-05	-1.772607e-04
## SPNCRNA.655	1.879320e-04	-1.521897e-03	6.671919e-04	-1.496408e-03
## SPAC227.05	7.462431e-04	-1.497399e-03	-3.899578e-04	1.351669e-04
## SPAC227.06	-6.844502e-04	-1.974545e-03	9.537285e-04	1.220578e-03
## SPAC227.07c	1.767444e-03	-8.205430e-04	-4.761203e-04	6.363234e-04
## SPNCRNA.657	6.478637e-04	-1.218895e-03	-7.052198e-05	-5.978344e-04
## SPAC227.08c	-3.976826e-04	-9.131436e-04	8.954232e-04	-2.476992e-04
## SPAC227.09	-3.250056e-04	-1.086351e-03	-4.114611e-04	9.705929e-04
## SPAC227.10	-7.914864e-04	-8.223939e-04	1.588015e-03	1.252553e-04
## SPAC227.11c	-8.191184e-05	-1.080684e-03	-9.912759e-04	-1.041724e-03
## SPAC227.12	1.649786e-03	1.057607e-03	5.750481e-04	-1.369679e-03
## SPAC227.13c	-3.127750e-04	-5.599365e-03	3.218085e-03	2.916343e-04
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	1.140775e-03	9.704147e-05	9.863789e-04	-5.136876e-04
## SPAC2F7.04	2.540884e-03	-1.237174e-03	5.763756e-04	-6.157628e-04
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	2.087079e-04	-1.180348e-04	3.200629e-05	7.007425e-05
## SPNCRNA.661	2.766903e-04	6.604336e-04	-4.177835e-04	-1.550781e-04
## SPAC2F7.13c	-7.302273e-03	2.913972e-03	-7.031940e-05	6.235390e-03
## SPAC2F7.15	3.537489e-04	-1.768268e-03	-2.283441e-03	5.309535e-04
## SPAC13A11.01c	2.311912e-03	-4.998830e-03	-2.417942e-04	1.859810e-03
## SPAC13A11.03	-9.964317e-03	1.824062e-03	2.657348e-03	1.565286e-02
## SPAC13A11.04c	5.864299e-06	9.692924e-04	1.767771e-03	-1.525142e-03
## SPAC13A11.05	-3.259963e-03	-3.428749e-03	7.896579e-04	-5.282804e-03
## SPAC3H8.02	9.150162e-04	-3.498104e-04	6.929316e-05	-9.046391e-04

## SPAC3H8.03	6.620253e-04	-7.651756e-04	-7.664870e-04	4.599656e-04
## SPNCRNA.663	2.238598e-04	-5.799519e-06	-1.795132e-04	-2.101443e-04
## SPAC3H8.04	2.179395e-03	-5.887802e-03	3.143946e-03	-1.240316e-04
## SPNCRNA.156	-4.870947e-06	3.163609e-05	6.843099e-08	-1.554764e-05
## SPAC3H8.08c	3.160294e-03	2.972885e-04	1.509990e-03	4.161173e-04
## SPNCRNA.667	4.494280e-04	-1.130510e-04	-3.512919e-04	-1.210292e-04
## SPAC3H8.10	6.737540e-03	-6.137989e-03	-3.560515e-04	3.633162e-03
## SPAC1F3.01	6.683993e-04	-3.371066e-03	1.512025e-03	1.433148e-03
## SPAC1F3.02c	4.407670e-03	-4.325024e-04	-3.185055e-03	-5.529675e-04
## SPAC1F3.03	2.930161e-03	1.858502e-03	-2.024193e-03	-1.335743e-03
## SPAC1F3.04c	5.685420e-04	-1.084459e-03	-5.620404e-04	-2.344393e-03
## SPAC1F3.05	8.943638e-04	8.413267e-04	-1.381889e-03	7.016048e-04
## SPAC1F3.06c	9.012366e-03	4.199708e-03	-9.659535e-03	3.084855e-03
## SPAC1D4.01	8.201971e-04	6.873698e-04	-1.401604e-03	-9.810828e-04
## SPAC1D4.02c	1.878092e-04	1.307681e-03	-4.962089e-04	-1.383596e-03
## SPAC1D4.03c	-1.947766e-04	-5.014341e-04	-4.637232e-04	-8.531588e-04
## SPNCRNA.670	4.085215e-04	-1.796221e-04	-2.659418e-05	-3.230910e-04
## SPAC1D4.05c	1.617727e-03	-1.136105e-03	5.712270e-04	-6.695507e-04
## SPAC1D4.07c	-1.054865e-04	-1.233841e-04	-1.259332e-04	1.983916e-04
## SPAC1D4.10	2.111784e-04	-1.349211e-03	2.079090e-03	-1.846976e-03
## SPNCRNA.671	3.493727e-05	-5.240146e-04	1.050575e-04	-4.029181e-04
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	2.160340e-03	-1.426011e-03	3.364142e-04	-1.853253e-03
## SPAC1D4.14	2.632844e-03	-8.480467e-04	2.101287e-03	-2.046058e-03
## SPAC22F3.13	1.917146e-03	2.193662e-03	-1.539676e-03	-2.063684e-03
## SPNCRNA.675	-3.025769e-05	-1.388735e-04	-1.316418e-04	-1.973805e-04
## SPNCRNA.158	1.375451e-05	-3.451909e-05	8.213757e-05	2.726293e-05
## SPAC22F3.11c	1.283400e-03	-1.035608e-04	5.175206e-04	-1.615133e-04
## SPAC22F3.10c	-2.605375e-03	-2.242041e-03	-3.528347e-03	-1.291422e-03
## SPAC22F3.08c	1.414274e-03	-3.693896e-04	-6.778327e-04	-7.273377e-04
## SPAC22F3.07c	-8.561458e-04	-3.406219e-03	-6.928480e-04	3.630483e-04
## SPAC22F3.05c	2.467495e-03	-1.398990e-03	-1.210424e-05	-6.350810e-04
## SPNCRNA.676	1.003233e-04	-2.996470e-05	-5.464490e-05	2.380441e-04
## SPAC22F3.03c	4.743124e-05	-3.886620e-04	-2.754051e-04	-5.367454e-04
## SPAC1296.03c	6.162322e-04	-3.610232e-04	2.736072e-04	-8.382566e-04
## SPAC1296.04	1.865136e-03	7.545498e-04	-2.717373e-04	-4.260107e-04
## SPAC1296.05c	-1.279869e-03	9.903388e-04	1.489732e-03	4.717804e-04
## SPAPJ696.02	1.848113e-03	-9.553445e-04	-2.821821e-03	2.438308e-03
## SPAC22G7.01c	-9.380894e-03	9.423029e-04	-5.492400e-03	-7.218062e-04
## SPNCRNA.677	9.523216e-04	-3.239821e-04	2.140640e-04	3.453085e-04
## SPAC22G7.03	9.284298e-05	5.912184e-05	5.700759e-05	2.119454e-04
## SPNCRNA.678	1.691225e-04	-5.780163e-05	1.108629e-04	-4.631612e-05
## SPAC22G7.05	-3.112260e-03	1.017208e-04	-3.955756e-03	-1.691661e-03
## SPAC22G7.09c	4.585920e-03	1.504048e-03	5.323273e-04	-9.187085e-04
## SPAC22G7.10	1.853759e-03	-1.438518e-03	2.131966e-03	-1.151627e-03
## SPAC4G8.02c	-2.537783e-04	-3.917923e-03	-1.200181e-03	3.814629e-03
## SPAC4G8.03c	-4.190033e-04	1.404990e-03	-7.009892e-04	1.070438e-04
## SPAC4G8.06c	-3.682418e-04	-2.894992e-04	-2.080357e-03	-2.552549e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	2.407412e-04	-6.864559e-04	-5.283961e-06	-4.247093e-04
## SPAC4G8.11c	6.380784e-04	-6.274873e-04	-4.798136e-04	4.169884e-04
## SPAC4G8.12c	1.760201e-03	-6.457204e-04	-9.758342e-05	1.593015e-04
## SPAC4G8.13c	4.303381e-03	1.081633e-04	3.853463e-03	-1.234652e-03
## SPAC16C9.05	-3.527422e-04	-4.547502e-05	2.325879e-03	-7.545986e-04

## SPAC2G11.02	2.362907e-03	-4.845585e-03	7.701275e-05	-3.807690e-03
## SPAC2G11.03c	2.022056e-03	-3.887347e-04	1.707952e-04	-2.903229e-04
## SPAC2G11.06	-7.347955e-04	-9.637617e-04	-2.654238e-03	-3.476148e-04
## SPNCRNA.688	3.176589e-04	3.436869e-04	-1.114066e-04	3.662240e-04
## SPAC2G11.07c	-2.224892e-02	-9.358621e-03	3.365926e-03	2.627028e-03
## SPAC2G11.09	3.218899e-03	-3.489067e-03	9.432863e-04	-5.513202e-03
## SPAC2G11.12	5.928951e-03	1.958040e-03	-9.249710e-04	-3.474251e-03
## SPNCRNA.691	-2.064388e-04	-3.171992e-05	2.131291e-05	-1.861769e-04
## SPNCRNA.692	2.229144e-05	-1.467185e-04	-6.371959e-05	2.544684e-04
## SPAC521.02	1.590762e-03	-1.893294e-03	-6.482917e-04	-1.284849e-03
## SPAC521.03	7.177488e-03	-2.512423e-02	3.106404e-03	-1.062686e-02
## SPAC521.05	2.504843e-02	3.158887e-02	3.009746e-02	2.271180e-02
## SPAC23G3.01	-1.578118e-05	-1.059102e-02	-1.168595e-02	5.118715e-03
## SPNCRNA.694	3.756569e-05	-7.828589e-05	-2.311248e-04	2.094549e-04
## SPAC23G3.04	3.385587e-04	7.206232e-04	-1.751271e-04	-2.598057e-04
## SPAC23G3.06	-3.213615e-03	-1.400767e-02	1.375708e-02	2.160828e-02
## SPAC23G3.07c	1.672695e-03	-1.048152e-04	2.448048e-04	2.635012e-04
## SPAC23G3.08c	4.583777e-03	-1.532416e-03	1.996323e-03	-2.322174e-03
## SPAC23G3.10c	2.448534e-03	-9.018055e-04	9.453263e-05	-3.605413e-05
## SPAC22H12.01c	-2.890213e-05	-3.361382e-03	-2.975025e-05	1.524048e-03
## SPAC22H12.02	3.013894e-03	-2.944734e-03	4.387303e-04	8.624485e-04
## SPAC22H12.05c	1.783496e-03	8.376005e-05	1.669473e-04	9.641768e-04
## SPAC1687.01	1.360014e-03	-1.856238e-03	8.208905e-04	2.127470e-04
## SPAC1687.04	-4.648573e-04	-9.814442e-04	-5.802881e-04	-9.448884e-04
## SPAC1687.05	3.637695e-03	1.222595e-03	-5.202601e-04	-1.454314e-03
## SPAC1687.06c	1.054701e-02	-5.077610e-03	2.452825e-04	-8.409253e-03
## SPNCRNA.696	-9.065257e-05	-1.668110e-04	8.987860e-05	9.527676e-05
## SPAC1687.11	-2.152170e-03	-2.974135e-04	-4.121502e-03	-3.468189e-03
## SPAC1687.12c	2.086879e-04	6.077117e-04	-2.798355e-03	-1.108597e-03
## SPAC1687.14c	-8.100329e-04	-1.868435e-03	4.686626e-04	4.371617e-04
## SPAC1687.16c	8.780234e-04	-3.317283e-04	-8.572149e-04	-5.202174e-04
## SPNCRNA.160	4.348947e-05	1.897788e-05	-5.853491e-06	-6.130886e-05
## SPATRNAALA.01	3.020974e-04	-8.640801e-04	4.911979e-05	-3.736840e-04
## SPAC1687.17c	1.035140e-03	-7.476749e-04	-4.771670e-04	-8.792574e-04
## SPAC1687.18c	2.340074e-04	1.290384e-03	-3.501389e-03	-6.749092e-04
## SPAC1687.19c	-4.794047e-03	5.311058e-04	-4.214303e-04	6.240293e-03
## SPAC1687.20c	2.212038e-03	6.903286e-04	-2.974106e-04	2.276839e-04
## SPAC222.03c	1.074986e-03	-3.050047e-03	9.125457e-04	-1.473793e-03
## SPAC222.19	-1.425019e-04	3.088807e-04	-2.700950e-04	3.683111e-04
## SPAC222.04c	8.855258e-04	1.437584e-04	-1.712217e-03	-2.837155e-03
## SPAC222.06	-4.470760e-03	1.643301e-03	2.916970e-03	-1.151996e-04
## SPAC222.07c	2.242070e-03	-4.476658e-03	3.670179e-03	-7.659438e-04
## SPAC222.08c	2.554588e-03	-1.494455e-03	-4.346032e-04	-1.704618e-04
## SPSNRNA.02	1.483389e-01	-1.899424e-01	1.456131e-01	-1.055318e-01
## SPAC222.17	3.163259e-04	-2.221218e-05	-6.057717e-04	8.607960e-04
## SPNCRNA.701	2.519300e-04	3.237624e-04	-1.175888e-04	-9.743880e-05
## SPAC222.15	-3.389497e-06	-2.623066e-04	-6.835024e-05	-1.394143e-04
## SPAC222.18	5.562142e-04	7.481152e-04	9.630943e-04	-6.696110e-04
## SPAC222.16c	2.573919e-04	-4.067814e-04	5.702904e-04	-4.090011e-04
## SPAC821.05	3.208821e-03	-1.549080e-02	6.241174e-03	4.708928e-03
## SPNCRNA.702	-2.956924e-04	-2.379108e-04	-1.010663e-04	1.859006e-04
## SPAC821.06	-1.590924e-04	-2.666835e-04	-2.248699e-03	-5.825804e-04
## SPNCRNA.703	1.152898e-04	-3.156338e-04	-7.443970e-04	3.283344e-04
## SPAC821.08c	1.497809e-02	4.687200e-03	1.058235e-02	6.493444e-03

## SPAC821.09	3.951760e-02	2.627223e-02	1.632278e-02	2.291070e-02
## SPAC821.10c	4.321094e-02	-6.763927e-02	4.380168e-02	2.633656e-02
## SPAC821.12	2.146875e-03	-3.403994e-03	-2.783235e-03	-1.270832e-04
## SPNCRNA.220	-4.379410e-05	-4.590263e-05	3.478139e-05	-2.410849e-06
## SPAC139.01c	1.820695e-03	3.070754e-04	-1.089648e-03	3.313841e-03
## SPNCRNA.704	-1.842137e-04	-9.112766e-05	4.339530e-04	3.318281e-04
## SPAC139.02c	-1.664303e-03	-1.108891e-03	3.607709e-03	-5.847404e-03
## SPAC23C4.03	2.065936e-03	6.302140e-04	1.497515e-03	4.268266e-03
## SPAC23C4.05c	1.786654e-03	-1.166355e-03	6.722178e-04	-2.014527e-03
## SPAC23C4.06c	-1.213630e-03	7.690968e-04	-7.382937e-04	-2.552220e-03
## SPAC23C4.09c	-2.779155e-03	1.394716e-03	-2.835872e-03	1.797784e-04
## SPAC23C4.10	2.175647e-03	-9.620454e-04	6.376772e-04	1.607292e-04
## SPAC23C4.11	-4.568244e-04	-1.719202e-03	6.448199e-05	2.098284e-03
## SPAC23C4.13	-1.385516e-03	5.145399e-04	-4.361948e-04	8.912286e-04
## SPAC23C4.14	1.405772e-03	1.823975e-04	5.243561e-04	-8.248476e-04
## SPAC23C4.15	3.335610e-03	8.072743e-04	1.889253e-03	-1.180699e-04
## SPAC23C4.17	-9.824092e-04	-1.346303e-03	1.284889e-03	-7.084856e-04
## SPAC23C4.18c	1.957139e-03	-3.657945e-06	2.030941e-03	-2.206765e-04
## SPAC1A6.01c	-1.524072e-03	-1.085098e-03	-1.562319e-03	5.564145e-04
## SPAC1A6.02	-7.021417e-04	7.279593e-04	-8.880407e-04	-1.518098e-03
## SPAC1A6.03c	1.316992e-02	-7.525217e-03	-6.295265e-03	4.045444e-03
## SPAC1A6.04c	4.053563e-02	-6.840066e-03	5.876858e-03	-3.090341e-02
## SPNCRNA.710	4.446641e-04	2.498184e-05	-1.397800e-04	5.038511e-05
## SPAC1A6.06c	-1.664828e-04	-5.931824e-04	-2.568987e-05	-3.780561e-04
## SPAC1A6.08c	-7.268102e-04	-7.870427e-05	1.135285e-05	7.122122e-05
## SPAC30D11.14c	2.384021e-04	-2.414674e-04	-2.071875e-03	-8.784208e-05
## SPATRNASER.01	3.757433e-03	-1.061621e-03	-2.802341e-03	-8.546573e-04
## SPATRNAMET.01	1.012428e-03	-3.546601e-04	-2.683913e-04	1.229369e-04
## SPNCRNA.711	3.563009e-04	2.440182e-04	-1.701793e-04	-2.407936e-04
## SPAC30D11.07	5.835571e-04	2.847712e-04	-1.145774e-06	-7.506562e-04
## SPAC30D11.06c	1.768607e-03	-1.617998e-03	4.940349e-05	-1.661476e-03
## SPAC30D11.05	1.428869e-03	-4.071361e-04	7.761642e-04	-1.627283e-03
## SPAC30D11.02c	-7.678815e-05	-2.388569e-04	3.162487e-05	-1.276546e-05
## SPAC56F8.02	6.713731e-03	-4.098297e-04	-2.100376e-03	8.065927e-04
## SPAC56F8.04c	-1.352572e-05	-9.749034e-04	-2.429084e-03	1.114691e-03
## SPAC56F8.06c	2.100263e-03	-5.071183e-04	-2.853048e-04	3.752742e-04
## SPAC56F8.09	-2.555412e-03	-2.741649e-03	-4.213422e-04	-1.733746e-04
## SPNCRNA.716	1.428490e-03	-4.331167e-04	-2.016200e-03	2.001317e-04
## SPAC56F8.12	1.504010e-07	-7.017647e-05	-2.293628e-05	5.076816e-05
## SPAC56F8.16	8.823123e-03	1.297296e-04	6.499927e-04	-3.445165e-04
## SPAC22A12.02c	3.730099e-05	1.037089e-04	-1.062355e-04	1.019362e-04
## SPAC22A12.04c	-1.612572e-02	-1.230591e-02	1.483424e-02	5.427225e-03
## SPNCRNA.717	1.650116e-04	-3.239801e-05	-1.172492e-04	-4.351746e-05
## SPAC22A12.07c	5.145717e-03	-1.301437e-02	1.365501e-03	-5.331073e-05
## SPAC22A12.08c	-1.361896e-03	-4.502516e-04	-7.672050e-04	6.529906e-04
## SPAC22A12.10	-5.393169e-03	-8.707376e-04	1.141033e-03	4.705262e-03
## SPAC22A12.09c	1.285418e-03	4.876984e-04	-1.738940e-05	-3.381020e-04
## SPAC22A12.11	1.239684e-03	3.419363e-03	-8.583445e-03	-8.621264e-05
## SPAC22A12.12c	2.044471e-03	5.592416e-04	-1.198968e-03	-1.034598e-03
## SPAC22A12.14c	3.678276e-04	-1.261672e-03	-1.491333e-03	1.909692e-03
## SPNCRNA.719	4.139187e-05	-1.215219e-04	5.027451e-05	4.798226e-05
## SPAC22A12.17c	2.014935e-02	-2.026737e-02	-4.468759e-03	4.676738e-03
## SPNCRNA.168	6.952900e-05	-7.206563e-05	2.807746e-05	-1.428344e-04
## SPNCRNA.720	3.314273e-04	5.778433e-05	1.625309e-04	2.413242e-04

## SPNCRNA.721	9.482839e-04	-7.488611e-04	5.675773e-05	1.030086e-04
## SPAC4C5.02c	-8.889892e-05	-2.490189e-03	-6.605934e-04	-5.243163e-04
## SPAC4C5.03	3.005867e-03	-6.327768e-04	1.485128e-03	2.787784e-04
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	8.599707e-03	9.327409e-03	-2.377465e-02	-9.016290e-03
## SPNCRNA.724	9.367900e-04	5.119123e-04	6.307057e-04	-4.237080e-04
## SPAC10F6.02c	6.639678e-04	-2.538596e-03	1.442469e-04	1.235391e-03
## SPAC10F6.05c	-1.337026e-03	-3.944115e-03	2.138859e-03	-3.199896e-04
## SPNCRNA.725	9.055740e-04	-2.439414e-04	6.133653e-04	1.249204e-04
## SPAC10F6.10	-1.094548e-03	3.351334e-04	5.705779e-04	-2.856126e-04
## SPNCRNA.726	-7.237160e-06	8.721447e-05	7.584013e-05	-2.382942e-04
## SPAC10F6.15	-1.860521e-04	6.200237e-05	-1.202684e-04	1.815060e-04
## SPNCRNA.432	-6.697372e-05	-4.245500e-06	5.273867e-05	-3.509414e-05
## SPAC10F6.17c	-1.237680e-03	1.418875e-03	-7.718818e-04	-1.927672e-04
## SPAC56E4.03	-1.336661e-03	-4.774690e-03	2.793498e-03	-1.518838e-02
## SPAC56E4.07	9.326976e-04	-1.072216e-03	-2.787347e-03	1.352543e-03
## SPNCRNA.730	-2.732923e-04	-2.511107e-04	-3.471183e-05	1.124006e-05
## SPAC1420.02c	-1.172490e-02	3.300930e-04	-4.833485e-03	3.871954e-03
## SPAC1420.03	4.294938e-03	-6.329168e-03	6.390422e-04	-4.882661e-05
## SPAC1420.04c	4.632292e-04	-3.618667e-04	4.164638e-04	-4.432088e-04
## SPNCRNA.731	1.844448e-04	-5.554590e-05	-5.677427e-05	3.573253e-05
## SPAPB17E12.02	-5.859557e-05	-3.093188e-04	1.206237e-04	2.434598e-04
## SPAPB17E12.03	9.268285e-04	-1.116464e-03	-5.086878e-04	-2.799112e-04
## SPAPB17E12.05	-9.231949e-03	4.183899e-03	1.456435e-02	8.638431e-03
## SPAPB17E12.11	-9.136731e-04	-2.097385e-03	1.554294e-03	-3.614305e-05
## SPNCRNA.732	-1.249040e-04	-4.869668e-04	1.748096e-04	-2.818504e-04
## SPNCRNA.733	-1.436334e-04	1.261039e-04	-2.572489e-04	-3.187225e-04
## SPAC1565.03	2.877126e-04	-5.766026e-04	-3.710469e-05	1.426646e-04
## SPAC1565.05	2.676464e-03	-4.402279e-03	3.776881e-03	7.959283e-04
## SPAC1565.06c	1.613113e-03	-2.683953e-03	-3.159238e-04	1.056776e-03
## SPAC1565.07c	2.800934e-03	-1.264385e-03	-2.263574e-03	7.376468e-04
## SPATRNAPRO.02	3.955329e-02	7.894432e-02	3.658414e-02	-6.988186e-02
## SPSNORNA.53	-2.097694e-02	3.117514e-03	-1.877875e-03	3.419631e-03
## SPAC6F12.06	-9.192175e-06	-6.600545e-03	-1.187360e-03	-1.002193e-04
## SPAC6F12.07	-1.923652e-03	-9.404677e-04	2.372194e-03	-1.516966e-04
## SPAC6F12.08c	2.928366e-03	-5.242565e-04	7.929795e-04	-7.376256e-04
## SPAC6F12.09	5.228332e-03	6.918707e-04	-1.397953e-03	-3.445641e-04
## SPAC6F12.12	3.149891e-03	-9.314818e-04	-6.929291e-04	-3.678837e-04
## SPAC6F12.13c	-4.661408e-03	-5.725596e-03	-2.818889e-03	3.556830e-03
## SPAC6F12.15c	1.430629e-03	1.908639e-03	-3.919881e-04	3.706423e-04
## SPAC19E9.01c	-1.417924e-03	-7.333697e-04	3.900287e-04	7.402954e-04
## SPAC19E9.02	1.532564e-03	2.583738e-03	1.582337e-03	2.368844e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	1.310017e-04	2.907942e-05	-1.606068e-04	1.772061e-04
## SPAC19E9.03	3.513846e-03	8.058225e-04	-2.073160e-03	-4.372436e-03
## SPAC57A10.03	-4.865716e-04	5.949212e-04	-1.236059e-03	1.131524e-03
## SPAC57A10.05c	3.402310e-03	2.389895e-03	4.265205e-04	-1.277452e-03
## SPAC57A10.06	-5.012654e-05	1.270121e-04	-4.046388e-04	1.302069e-04
## SPAC57A10.07	1.772255e-03	-1.246895e-03	-1.221123e-03	-1.013710e-03
## SPAC57A10.08c	1.722152e-04	2.719260e-04	-4.167997e-04	-3.744966e-04
## SPAC57A10.09c	-7.605659e-03	-5.479976e-03	3.044394e-03	7.533409e-05
## SPAC57A10.12c	-9.353680e-03	-1.053861e-02	1.051796e-02	-6.467549e-03
## SPAC20G8.04c	1.796734e-03	2.375042e-03	-5.500980e-03	-1.034072e-02

## SPAC20G8.05c	-2.096497e-03	-6.116943e-04	7.264473e-04	4.236201e-03
## SPAC20G8.06	2.339573e-02	-7.249661e-03	2.399965e-04	-1.546999e-03
## SPAC20G8.08c	3.715023e-03	1.145439e-03	-1.715201e-03	-3.019979e-03
## SPAC20G8.09c	-2.139809e-03	1.424644e-04	3.647433e-03	5.879866e-03
## SPAC20G8.10c	-9.164228e-05	-1.894816e-05	-1.427353e-04	-9.477692e-05
## SPAC3A12.04c	-2.706236e-03	-8.787311e-04	1.321274e-03	5.931039e-04
## SPAC3A12.19	3.111317e-04	9.815398e-04	-2.317201e-04	5.921634e-04
## SPAC3A12.07	2.541934e-03	-2.825693e-03	1.180936e-03	-4.308735e-04
## SPNCRNA.741	-1.579465e-04	-1.780743e-04	-1.506115e-05	-1.117558e-04
## SPAC3A12.11c	2.971587e-03	-7.276792e-05	5.810847e-04	2.184355e-03
## SPAC3A12.14	-6.763429e-03	-1.204586e-02	6.825268e-04	2.124765e-04
## SPAC3A12.15	2.140934e-03	-2.196262e-03	2.518031e-04	1.558829e-03
## SPSNORNA.48	3.770014e-06	7.623501e-06	-1.746214e-05	4.582391e-06
## SPAC3A12.18	-6.287423e-03	-9.270283e-03	-2.128372e-03	-1.214893e-02
## SPAC9.03c	1.807547e-04	-9.075694e-03	-5.136789e-03	-2.736460e-03
## SPAC9.05	1.249926e-03	-5.928240e-04	-4.632883e-04	8.406284e-04
## SPAC9.06c	2.495740e-04	-2.328292e-04	-8.397693e-04	-3.670693e-04
## SPAC9.08c	2.591009e-03	6.244670e-04	2.155778e-03	3.044111e-04
## SPAC9.09	5.837552e-03	1.091826e-02	-3.998730e-04	-2.881905e-02
## SPNCRNA.743	5.763528e-04	-9.224059e-05	7.612939e-04	2.700880e-04
## SPAC9.10	1.368287e-03	-3.753619e-04	1.702796e-04	-1.192669e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	3.579025e-03	-1.306823e-03	-1.251706e-03	2.304939e-04
## SPAC5D6.10c	7.882618e-06	-5.440350e-05	-9.509582e-06	-5.993241e-06
## SPAC5D6.09c	2.173917e-03	6.298976e-04	1.405233e-03	-5.826414e-04
## SPAC5D6.07c	1.029011e-03	-1.163222e-03	3.941915e-04	8.689980e-05
## SPAC5D6.04	3.065184e-03	-2.807145e-03	-2.871744e-05	-1.682619e-04
## SPAC5D6.02c	7.431847e-04	3.196117e-04	-2.982329e-04	-2.912246e-04
## SPAC57A7.10c	1.745450e-03	-2.605429e-03	-4.247214e-03	-1.556103e-03
## SPNCRNA.174	-2.745097e-05	-1.359412e-06	5.870403e-05	2.247424e-05
## SPAC57A7.08	2.734181e-03	-1.748159e-04	1.655715e-04	-7.473067e-04
## SPAC57A7.06	1.565428e-03	1.318126e-03	2.927934e-04	-3.446263e-03
## SPAC57A7.04c	-1.792623e-03	-1.695351e-02	-2.990482e-02	1.749149e-02
## SPAC167.07c	3.443149e-03	-2.216985e-03	1.762160e-03	6.883608e-04
## SPAC167.05	1.951623e-03	-8.641802e-04	-1.414718e-03	2.901274e-04
## SPAC167.04	-3.871747e-05	-2.581573e-03	9.149202e-04	3.400264e-04
## SPAC167.09	1.049082e-04	-8.280126e-05	6.879166e-04	6.750425e-05
## SPAC167.08	2.549381e-05	1.352316e-04	-7.791557e-05	-5.207888e-05
## SPAC1705.03c	4.943990e-02	9.254185e-03	2.039781e-02	1.142760e-03
## SPNCRNA.80	-2.542675e-05	4.343342e-05	-5.658684e-05	4.686471e-05
## SPNCRNA.745	-2.806662e-05	-6.032795e-05	-1.323898e-04	1.133355e-04
## SPNCRNA.81	-1.332598e-07	4.182252e-06	9.716423e-06	-5.321181e-06
## SPAC23H4.17c	-2.117792e-04	1.532347e-04	7.471121e-04	-5.529676e-05
## SPAC23H4.16c	1.051801e-03	-1.235389e-03	-8.326071e-04	1.766089e-04
## SPAC23H4.15	2.557317e-03	-2.875056e-03	-2.317196e-03	-1.593659e-03
## SPAC23H4.21	1.015210e-03	-2.614224e-04	9.350259e-05	-2.595973e-04
## SPAC23H4.13c	1.005787e-03	2.445675e-04	-8.621369e-04	-1.076000e-03
## SPAC23H4.12	-7.332852e-04	4.328803e-04	-5.696300e-04	-1.213542e-03
## SPAC23H4.08	-1.783033e-03	-8.026329e-04	3.658859e-04	-5.527690e-04
## SPAC23H4.07c	2.634818e-03	-1.846844e-03	3.247897e-04	-1.276004e-03
## SPAC23H4.05c	1.458526e-04	2.827676e-04	-8.163464e-05	-3.709877e-05
## SPNCRNA.746	-1.357986e-04	1.002764e-05	-3.261250e-04	5.110606e-05
## SPAC23H4.04	2.928185e-03	6.765292e-04	1.295839e-03	-6.733247e-04
## SPATRNATHR.01	1.655097e-03	7.942355e-03	1.143019e-02	-1.113975e-02

## SPNCRNA.747	2.466402e-04	-8.929971e-05	1.095071e-04	1.415906e-05
## SPAP27G11.03	8.607617e-04	-1.043675e-04	-1.985724e-03	-5.808551e-05
## SPAP27G11.05c	2.180543e-03	1.038747e-03	9.439044e-04	4.287091e-04
## SPNCRNA.749	4.464369e-04	-6.569854e-05	1.729196e-04	3.820984e-04
## SPAP27G11.09c	1.276807e-04	-3.370157e-04	-2.128213e-03	-2.107022e-03
## SPAP27G11.14c	2.568794e-03	-4.989764e-04	-7.622798e-05	-4.986495e-05
## SPAP27G11.15	3.591756e-04	-7.528595e-04	-7.595115e-04	-1.712484e-04
## SPAC343.01c	1.761371e-03	2.042113e-03	7.928585e-04	-6.287227e-04
## SPAC343.03	2.223676e-04	-6.001059e-04	-1.358712e-04	-3.115538e-04
## SPAC343.04c	2.813753e-03	-2.439435e-03	-1.878865e-03	-1.424537e-03
## SPAC343.05	-7.049320e-04	-1.018275e-03	-6.672199e-04	3.059523e-03
## SPAC343.08c	4.636664e-03	-1.520333e-03	-1.459407e-03	-2.927926e-03
## SPAC343.07	1.131813e-06	-1.208976e-04	-2.653406e-04	-1.297083e-04
## SPNCRNA.752	-2.048133e-04	3.374302e-04	-6.501619e-04	-1.548313e-04
## SPAC343.10	-2.258132e-03	-1.371411e-03	-2.164853e-03	1.456511e-03
## SPAC343.11c	4.913681e-03	2.800501e-03	-1.247513e-03	-1.644364e-03
## SPAC343.20	-5.460237e-03	4.213455e-03	-1.924093e-03	1.647151e-03
## SPAC343.17c	1.433501e-03	3.985513e-05	-5.189235e-04	-1.128614e-04
## SPAC343.15	1.212786e-03	-1.037698e-04	-1.293964e-03	-1.307386e-03
## SPNCRNA.754	2.260305e-06	1.863471e-07	1.045773e-06	-7.020376e-06
## SPAC824.04	1.228572e-03	-1.769931e-03	5.218744e-04	-1.041292e-04
## SPAC824.05	2.481403e-03	-9.050879e-04	-1.716854e-03	-1.082087e-03
## SPAC824.07	-8.373027e-04	-2.774980e-04	-3.694524e-04	3.262772e-03
## SPAC824.08	2.414038e-03	3.026104e-04	-8.693661e-04	2.421319e-03
## SPATRNLALYS.01	4.942223e-03	-2.028544e-03	-2.711680e-03	5.091738e-03
## SPAC664.03	1.580820e-03	-1.241399e-03	-1.378656e-03	-1.458551e-04
## SPAC664.04c	5.115703e-03	1.663397e-03	-6.711482e-03	1.058783e-03
## SPAC664.07c	8.170398e-04	-1.110044e-04	5.356570e-05	-5.502443e-04
## SPAC664.08c	-5.076019e-03	-2.269174e-03	1.549697e-03	-1.958138e-03
## SPAC664.09	2.146873e-03	-1.455810e-03	-1.230116e-03	-3.439967e-03
## SPAC664.10	3.721675e-03	6.947512e-04	6.214118e-04	3.954167e-04
## SPAC664.11	-3.496714e-02	4.826092e-02	-5.105382e-02	-2.931106e-02
## SPAC664.12c	1.088161e-03	3.796316e-04	-5.831558e-04	7.764419e-04
## SPAC664.14	3.152890e-03	-1.208296e-03	6.208675e-03	-4.169931e-03
## SPNCRNA.758	-5.129427e-05	1.148820e-05	2.528585e-05	-5.363594e-06
## SPACUNK12.02c	4.287217e-04	7.519793e-04	-6.310385e-04	8.202331e-04
## SPAC105.01c	2.526129e-03	9.513860e-05	-7.566527e-04	-1.387554e-03
## SPAC17A5.18c	-2.727713e-04	-7.466085e-04	-1.414775e-04	-8.773954e-06
## SPAC17A5.02c	-1.041255e-03	-5.587067e-04	-5.548077e-04	9.060892e-04
## SPAC17A5.03	1.291866e-02	-5.904502e-03	1.137058e-02	1.367228e-03
## SPAC17A5.04c	8.742702e-04	1.092309e-03	3.929168e-04	-9.103549e-04
## SPAC17A5.19	8.646413e-04	2.875437e-04	2.701438e-04	-8.095963e-05
## SPAC17A5.06	2.393225e-03	3.086641e-04	-1.512671e-03	1.150371e-03
## SPAC17A5.08	1.533723e-04	-1.925517e-03	-3.782639e-03	9.372755e-04
## SPAC17A5.10	-1.078280e-04	-1.071325e-04	2.947901e-06	1.811509e-04
## SPAC17A5.11	6.712398e-04	-2.411458e-04	2.419413e-04	6.044385e-05
## SPAC17A5.12	3.719463e-03	9.572567e-04	-1.592513e-03	-1.396309e-03
## SPAC17A5.14	-5.751926e-03	-7.945920e-03	1.161115e-04	-1.244682e-03
## SPAC17A5.16	3.104929e-03	-2.340756e-03	-9.473518e-04	-3.555646e-03
## SPAC1610.01	-5.604686e-04	-1.402499e-03	2.541288e-04	-9.590569e-04
## SPAC1610.02c	1.098223e-03	-1.433504e-03	-9.058629e-04	1.437700e-03
## SPAC1610.03c	2.620563e-04	-1.532055e-04	-1.093333e-04	-3.550555e-05
## SPAC1610.04	1.374535e-03	-1.018399e-03	1.156147e-03	-1.070561e-03
## SPAC1002.02	1.064078e-04	-2.484977e-04	-5.999528e-04	3.149999e-04

## SPAC1002.03c	2.265889e-03	-1.112059e-03	6.280909e-03	1.126128e-03
## SPAC1002.04c	2.074263e-04	1.148258e-04	1.722753e-03	-1.453569e-04
## SPAC1002.05c	2.602763e-03	1.179016e-04	5.667244e-05	1.277333e-03
## SPAC1002.09c	-2.116704e-02	3.686363e-04	-1.219511e-02	-2.347866e-02
## SPAC1002.12c	-1.879894e-03	-7.521119e-04	-1.384307e-05	2.122080e-04
## SPAC1002.20	-8.463000e-04	-2.507608e-04	-2.501345e-05	2.171284e-04
## SPAC1002.19	1.487647e-02	-2.677503e-02	-6.292724e-03	-1.926402e-02
## SPAC1399.04c	2.939625e-03	3.110815e-04	7.991126e-04	-2.490031e-03
## SPAC1399.03	4.569099e-03	-2.232416e-04	4.405436e-03	-3.963139e-04
## SPAC1399.01c	1.402853e-03	2.566700e-04	8.398845e-05	-1.494097e-03
## SPAP11E10.02c	7.621669e-04	1.673804e-04	-3.057116e-04	-2.308711e-04
## SPAPB1A10.02	1.372193e-03	-2.595009e-04	8.846299e-04	4.936780e-04
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	4.076274e-03	-2.890945e-03	-2.286206e-03	1.140699e-03
## SPAPB1A10.07c	3.578060e-03	-1.962259e-03	1.727040e-03	-1.053115e-03
## SPNCRNA.767	4.794822e-04	5.018025e-04	4.967103e-04	-2.193927e-04
## SPNCRNA.768	-4.315715e-04	-1.340438e-04	2.176124e-04	5.868249e-04
## SPAPB1A10.08	3.288660e-04	4.548100e-04	7.079990e-04	-4.898372e-04
## SPAPB1A10.10c	1.024236e-03	-1.611243e-03	1.084657e-03	-2.282381e-04
## SPAPB1A10.11c	5.843476e-04	-1.034062e-03	-1.498803e-04	4.475322e-04
## SPAPB1A10.12c	1.308599e-03	1.803488e-04	-6.669849e-04	-2.984371e-03
## SPNCRNA.769	1.906320e-05	-3.093883e-04	-8.247181e-04	4.433209e-04
## SPNCRNA.770	-8.960925e-06	8.206064e-05	-9.890578e-05	-2.477071e-04
## SPAC140.02	-4.153524e-02	1.059428e-02	5.214625e-02	2.464065e-02
## SPNCRNA.771	-8.690362e-05	-7.390143e-04	1.556284e-04	4.988916e-04
## SPAC140.04	-2.068814e-04	-2.271758e-04	4.187518e-04	-2.654481e-04
## SPAC110.02	2.026135e-03	-1.369552e-03	1.429312e-03	9.100205e-04
## SPNCRNA.773	-1.415450e-04	1.407866e-04	1.838075e-04	9.964590e-05
## SPAC110.04c	4.122778e-04	-1.311249e-02	-1.487474e-02	-1.998419e-03
## SPAP14E8.02	3.673500e-03	1.003518e-02	1.002452e-03	4.337232e-03
## SPAP14E8.03	-4.053355e-04	-7.921904e-04	9.562156e-05	-1.211754e-03
## SPAP14E8.04	4.808213e-04	1.711753e-04	-3.946027e-04	-6.106379e-04
## SPAP14E8.05c	2.895820e-03	-5.818121e-03	-5.914318e-04	3.952267e-04
## SPAC3H1.03	1.404730e-03	-1.701806e-04	-3.961506e-04	-5.640394e-04
## SPNCRNA.775	1.509776e-04	5.700473e-05	-7.337921e-05	-2.530481e-04
## SPAC3H1.08c	9.913798e-04	-1.667583e-03	5.735277e-04	2.548664e-04
## SPNCRNA.776	1.704090e-04	7.436646e-05	-1.400675e-05	-6.181130e-04
## SPAC3H1.10	1.434726e-03	-2.347303e-04	-2.958669e-03	-2.449398e-03
## SPNCRNA.778	-6.667421e-05	-2.878287e-04	4.134418e-05	-6.432044e-05
## SPNCRNA.779	1.325762e-04	4.475419e-04	1.012677e-04	-8.783289e-05
## SPNCRNA.780	-1.022268e-04	-3.448961e-04	1.725948e-04	7.166413e-05
## SPNCRNA.782	3.078984e-04	3.709724e-04	-3.071620e-04	-4.406043e-04
## SPAC3H1.11	1.551052e-02	1.025335e-02	-2.016170e-04	-4.292928e-03
## SPAC3H1.14	9.620304e-04	-5.323687e-04	-5.642377e-05	1.529792e-04
## SPAC9G1.05	-5.643051e-03	-7.966898e-03	-1.321537e-03	5.545676e-03
## SPAC9G1.06c	3.078053e-03	-9.722959e-05	-2.838160e-03	-1.323497e-03
## SPAC9G1.07	1.026050e-03	-3.273713e-04	-3.817387e-04	-2.528450e-04
## SPAC9G1.11c	2.150872e-03	1.963551e-03	8.844130e-04	-1.836705e-03
## SPAC9G1.12	2.687510e-03	-2.009336e-03	-1.292890e-04	-1.245577e-03
## SPAC767.01c	-5.892110e-04	-1.490520e-02	-3.896213e-03	1.126116e-03
## SPNCRNA.786	-2.144449e-04	3.649986e-05	7.684329e-05	7.556645e-05
## SPAC17H9.01	3.298704e-03	2.808899e-04	-4.225821e-04	-5.288267e-04
## SPAC17H9.05	-4.213313e-03	-4.734807e-03	-1.647197e-03	-3.713180e-03
## SPAC17H9.06c	1.316060e-03	4.996037e-04	1.241428e-03	5.833138e-04

## SPAC17H9.07	3.402723e-04	-2.138260e-03	-1.583922e-03	6.478668e-04
## SPAC17H9.08	6.935783e-04	1.016800e-03	-5.271740e-04	-1.139741e-03
## SPAC17H9.11	-1.567737e-03	-2.252358e-03	1.676750e-03	-3.695657e-04
## SPNCRNA.788	9.001383e-05	-1.364402e-04	1.657391e-05	1.698347e-04
## SPAC17H9.18c	-3.192127e-05	-7.960299e-05	2.086375e-05	-7.359844e-06
## SPAC17H9.19c	-9.013214e-05	-2.495256e-05	-5.172060e-04	-3.188913e-05
## SPAC607.02c	1.706543e-03	1.061517e-04	3.755658e-04	9.887618e-04
## SPNCRNA.789	-3.816756e-04	8.147502e-05	5.040776e-04	6.100765e-05
## SPAC607.07c	2.524964e-03	-1.515427e-03	1.860626e-03	1.740306e-03
## SPAC607.08c	1.857297e-03	9.334877e-04	1.951766e-03	8.012998e-05
## SPNCRNA.186	6.118036e-05	-3.558425e-05	1.962476e-05	-1.334220e-04
## SPAC607.10	4.582309e-04	3.807080e-04	-1.181426e-03	-7.286388e-04
## SPNCRNA.790	-2.146058e-05	6.477811e-05	4.600010e-05	2.850037e-05
## SPAC3C7.01c	9.699599e-04	-3.164304e-03	-1.316174e-03	-1.189911e-03
## SPAC3C7.03c	2.322836e-03	-5.261187e-04	-5.658582e-04	-1.119819e-03
## SPAC3C7.04	6.091549e-03	-1.257222e-03	2.687850e-03	-1.741650e-03
## SPAC3C7.05c	9.510045e-03	-9.147220e-03	1.248456e-03	1.704518e-03
## SPAC3C7.06c	2.141178e-03	9.465345e-04	-4.412514e-04	4.993721e-04
## SPAC3C7.07c	2.943961e-03	-4.951198e-04	-9.317831e-04	-1.277090e-03
## SPAC3C7.10	1.322622e-03	-1.225555e-03	6.676359e-04	2.422699e-03
## SPAC3C7.11c	-1.421756e-02	-2.457536e-03	-1.652683e-02	-2.579405e-02
## SPAC3C7.12	4.382647e-03	2.512868e-04	3.180905e-03	-2.203152e-03
## SPAC3C7.13c	-1.748680e-03	6.180240e-04	-1.721230e-03	1.648482e-03
## SPNCRNA.792	-1.141758e-04	-3.122395e-04	6.600887e-06	4.666785e-04
## SPAC3C7.14c	1.358252e-02	-7.843814e-03	3.490492e-02	-3.285394e-02
## SPAC25A8.01c	5.343494e-03	-5.311369e-03	3.318138e-03	-1.132167e-03
## SPAC631.01c	1.785227e-03	4.474899e-04	-1.800276e-03	-1.028934e-03
## SPAC20H4.01	1.559292e-03	-1.704721e-03	-4.052943e-04	-2.302665e-03
## SPNCRNA.795	1.979661e-04	-1.009990e-05	6.961748e-04	1.995484e-04
## SPAC20H4.05c	4.711984e-04	5.307371e-04	-1.496993e-03	-4.560905e-06
## SPAC20H4.06c	-3.445692e-05	5.912333e-04	4.999561e-04	9.638417e-04
## SPAC20H4.07	5.098572e-05	1.887961e-04	-1.164817e-04	-5.400799e-04
## SPNCRNA.796	-1.404041e-04	4.333537e-05	-2.845596e-04	2.208169e-05
## SPAC20H4.11c	2.882422e-05	-6.395190e-04	5.048893e-05	-4.246611e-04
## SPAC23C11.02c	-5.852590e-03	6.035179e-03	-2.001656e-02	-2.108789e-02
## SPAC23C11.06c	1.186437e-03	5.218482e-03	-3.396299e-03	3.193662e-03
## SPNCRNA.798	1.140490e-03	-3.358483e-04	1.543264e-04	8.205669e-05
## SPAC23C11.07	1.500568e-04	2.239369e-05	1.060533e-04	-1.324724e-04
## SPAC23C11.12	7.098832e-04	3.376108e-04	-7.141256e-04	1.897989e-05
## SPAC23C11.13c	1.399650e-03	-2.332556e-03	1.386019e-03	1.794642e-03
## SPNCRNA.187	-3.401523e-05	-1.128190e-04	-8.869353e-06	-4.032201e-05
## SPAC23C11.16	1.479033e-03	-1.920779e-03	-1.119981e-04	-2.253485e-03
## SPAC13F5.03c	1.148503e-03	1.256831e-05	2.059855e-04	2.531649e-04
## SPAC13F5.04c	2.490071e-04	6.270723e-04	2.245718e-04	7.243120e-04
## SPAC13F5.05	1.986066e-03	-1.583399e-04	2.223566e-04	-1.609425e-03
## SPAC1783.01	-8.643366e-04	-1.901399e-03	2.607616e-03	-1.103755e-03
## SPAC1783.03	-7.449171e-05	-7.309209e-04	-5.191995e-04	9.364617e-05
## SPAC1783.05	3.553634e-03	-5.859351e-04	-1.370493e-03	-1.993102e-03
## SPAC18G6.03	1.542072e-03	-3.272403e-03	2.893420e-03	4.810834e-03
## SPNCRNA.805	-6.681219e-06	7.067358e-06	-3.214288e-05	-1.039432e-05
## SPNCRNA.188	-6.801213e-05	1.278088e-04	6.261630e-05	3.380466e-06
## SPAC18G6.15	-2.195181e-04	-5.365886e-04	2.652090e-03	-1.942721e-04
## SPAC13D6.01	-5.229209e-04	-3.210103e-04	1.362776e-03	-1.243011e-04
## SPNCRNA.807	-2.141663e-03	-1.302830e-03	-5.936969e-05	1.112895e-03

## SPAC13D6.03c	-3.199619e-04	3.601827e-04	-1.720155e-03	-2.409333e-03
## SPAC4G9.04c	1.855697e-03	-8.404132e-04	-5.962893e-04	-1.882350e-03
## SPAC4G9.03	-1.607706e-02	-7.657644e-03	-4.962746e-03	4.355080e-03
## SPAC4G9.05	2.896507e-04	-1.404447e-04	1.937462e-04	-3.704806e-04
## SPAC4G9.06c	1.519092e-03	-1.735472e-03	-6.889095e-04	-7.893417e-04
## SPNCRNA.808	-2.910655e-05	-3.768754e-04	-1.621089e-04	6.863198e-05
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	-9.123032e-03	-3.969763e-03	-7.927091e-04	-6.954409e-03
## SPAC4G9.10	-4.453410e-03	7.906081e-04	1.249233e-03	-4.852288e-03
## SPAC4G9.11c	-4.031065e-04	-8.505776e-04	-7.584002e-04	1.845183e-03
## SPAC4G9.12	-2.614404e-03	-5.984915e-03	3.442433e-04	-1.574565e-03
## SPAC4G9.14	1.367127e-03	-3.320695e-04	9.239721e-04	1.077023e-03
## SPAC4G9.15	-6.236391e-03	-2.008539e-03	-4.675180e-03	5.210267e-03
## SPNCRNA.809	1.521654e-04	1.339400e-04	-4.184279e-05	-3.816905e-04
## SPAC4G9.19	3.191577e-04	3.247469e-05	-3.314347e-04	2.497371e-04
## SPAC4G9.20c	1.787744e-03	1.451796e-04	5.053155e-05	-1.116017e-03
## SPNCRNA.810	-4.305509e-04	-3.029465e-04	5.028461e-04	4.550434e-04
## SPAC13G7.01c	-3.516713e-04	-3.956731e-04	-3.425168e-03	2.902990e-03
## SPAC13G7.02c	-9.579670e-03	-3.776604e-02	3.153431e-02	-3.768772e-03
## SPAC13G7.03	7.417373e-04	-4.782085e-05	5.432682e-04	4.818079e-04
## SPAC13G7.04c	3.093500e-03	-1.122981e-03	-1.365066e-03	-1.176310e-03
## SPAC13G7.05	2.059712e-03	-1.015739e-05	-2.011696e-04	8.490180e-04
## SPAC13G7.06	1.081739e-03	-4.326178e-03	-1.441151e-03	-7.004978e-04
## SPAC13G7.10	1.180145e-03	-1.316171e-03	-1.324937e-04	7.871147e-04
## SPAC13G7.12c	2.215473e-03	-3.687432e-04	-1.692271e-03	-1.537262e-03
## SPAC13G7.13c	2.031313e-03	-7.529249e-04	2.621320e-04	-5.624804e-04
## SPNCRNA.812	-2.707978e-04	-7.604829e-04	4.754341e-04	-1.094061e-03
## SPNCRNA.813	9.663644e-05	-4.150999e-04	-1.731101e-04	7.128318e-04
## SPAC6C3.03c	-8.065031e-05	-5.558954e-05	-3.513187e-05	-2.429873e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-6.156323e-05	-4.786473e-05	-1.276564e-04	2.178836e-04
## SPNCRNA.815	-5.210993e-05	2.391964e-04	-6.984082e-04	-4.699444e-04
## SPAC6C3.08	1.251594e-03	-1.258687e-03	-1.306815e-03	9.151455e-04
## SPAC6C3.09	4.063734e-04	-2.169987e-03	6.750112e-04	2.128819e-04
## SPNCRNA.816	-3.367317e-04	-2.003413e-04	-2.469324e-05	2.594132e-05
## SPAC17G8.03c	6.649295e-04	-1.443443e-03	-2.828564e-04	-1.262231e-03
## SPAC17G8.15	3.248280e-04	-6.994828e-05	6.753104e-04	2.194109e-04
## SPAC17G8.04c	1.297253e-04	-2.206278e-03	3.113292e-04	-1.847278e-03
## SPAC17G8.06c	-2.103514e-02	2.070713e-02	-1.686743e-02	-8.920544e-03
## SPAC17G8.08c	3.962771e-04	-7.990741e-03	3.517205e-03	-2.211927e-03
## SPAC17G8.11c	4.364129e-03	-7.809711e-04	4.468508e-04	-1.345656e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	2.609174e-03	1.121590e-03	-1.362994e-03	-1.515184e-03
## SPAC17G8.14c	-1.457276e-03	-1.518922e-03	-3.246617e-03	-7.932074e-04
## SPNCRNA.818	3.943928e-06	-2.094745e-05	1.002106e-05	-8.503237e-06
## SPAC22H10.02	7.868394e-04	-7.925981e-04	-4.599808e-04	-7.386768e-04
## SPNCRNA.820	-6.528337e-05	4.754245e-05	1.641304e-04	6.048594e-05
## SPAC22H10.04	8.686232e-05	7.964543e-04	1.751902e-03	1.268366e-03
## SPAC22H10.05c	-3.962781e-03	-7.844776e-04	-6.640395e-04	-2.779988e-03
## SPAC22H10.06c	-4.821127e-05	-2.456092e-05	1.462605e-05	7.010813e-05
## SPAC22H10.07	2.490707e-03	-2.505297e-04	-1.222171e-04	-9.372977e-04

## SPAC22H10.08	3.812608e-04	2.311060e-03	1.212954e-03	3.960244e-05
## SPAC22H10.11c	2.473819e-05	-3.794879e-03	-4.446375e-03	5.845512e-04
## SPAC22H10.12c	-2.075295e-03	-8.518955e-03	-4.317124e-03	7.049191e-03
## SPAC15F9.01c	1.039084e-06	9.189015e-05	-1.914294e-04	2.553796e-05
## SPNCRNA.822	-6.190715e-05	4.788960e-06	4.539060e-05	-2.211085e-05
## SPNCRNA.193	-1.176687e-05	4.850535e-05	4.385351e-05	-3.653721e-05
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	3.996738e-03	1.411831e-03	1.884501e-03	1.401328e-03
## SPAC6B12.04c	-2.930264e-05	-2.563062e-04	-1.400830e-03	-2.075462e-04
## SPNCRNA.824	-1.098990e-05	-2.598049e-04	1.068237e-04	2.628872e-04
## SPAC6B12.05c	1.814306e-03	-1.492060e-03	-2.621491e-03	-2.652010e-03
## SPAC6B12.06c	8.569292e-04	-4.708811e-04	2.607129e-04	2.113535e-04
## SPNCRNA.194	6.265428e-05	-6.711427e-05	-3.942882e-05	1.177389e-05
## SPNCRNA.825	8.996705e-05	-4.061410e-04	-2.290153e-04	1.681268e-04
## SPAC6B12.19	-4.869421e-04	-5.112818e-04	-5.460799e-04	1.427397e-04
## SPAC6B12.09	-1.427983e-04	-1.548732e-03	8.707434e-04	-3.526806e-04
## SPAC6B12.10c	1.735750e-04	7.717137e-04	-8.551504e-04	-8.062568e-04
## SPAC6B12.11	1.269771e-03	-5.365116e-04	-2.376695e-04	-6.142680e-04
## SPNCRNA.43	8.077571e-06	-5.384890e-06	1.968781e-05	3.438330e-05
## SPATRNATHR.02	1.279050e-03	-3.552030e-03	-1.266417e-03	1.927239e-03
## SPAC6B12.12	-9.635740e-03	-7.233001e-03	-9.709108e-03	5.319641e-03
## SPAC6B12.14c	-9.546019e-04	7.559664e-04	1.594102e-03	5.842457e-04
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	-9.903943e-06	5.421113e-05	-2.498328e-05	-1.744072e-05
## SPAC6B12.16	-1.813709e-04	-2.299375e-05	-2.063512e-04	1.871973e-05
## SPNCRNA.827	-3.914727e-04	-2.955361e-04	-2.107988e-04	1.337226e-04
## SPAC32A11.04c	-4.813825e-03	-1.809824e-03	-6.290761e-03	1.381568e-02
## SPAC32A11.01	5.870641e-04	-1.617508e-03	1.108096e-03	1.326023e-04
## SPAC32A11.03c	7.749338e-03	-1.250399e-03	3.052773e-03	-2.013114e-03
## SPAC19A8.15	-2.768490e-02	1.650702e-03	-9.698391e-03	-1.289258e-02
## SPAC19A8.14	5.003711e-04	7.252042e-04	-2.653796e-03	-7.033419e-05
## SPAC19A8.16	6.133879e-03	-2.659587e-03	3.203099e-04	4.565305e-03
## SPAC19A8.06	-8.586961e-04	-3.083145e-03	-1.147619e-03	-1.707967e-03
## SPAC23H3.02c	1.425460e-03	7.159761e-06	1.244777e-03	-4.625771e-04
## SPAC23H3.03c	-1.506234e-03	2.498060e-04	-1.206635e-03	-2.040549e-03
## SPNCRNA.558	-1.119695e-05	-3.564037e-06	-1.201400e-05	-3.189624e-05
## SPNCRNA.830	8.670394e-05	4.039499e-04	2.913023e-04	2.861171e-04
## SPAC23H3.07c	8.421280e-04	-9.773942e-04	-7.007960e-04	3.147928e-03
## SPAC23H3.09c	-2.184689e-02	-9.239278e-03	1.136789e-02	-1.661553e-02
## SPATRNACYS.02	1.009799e-03	-5.055389e-03	-5.182615e-04	-1.782299e-03
## SPAC23H3.10	4.643761e-03	-2.450871e-03	2.400770e-03	-1.380003e-03
## SPAC23H3.11c	1.356675e-03	1.183256e-03	-4.800629e-04	-1.037912e-03
## SPAC23H3.12c	7.297601e-04	-1.359321e-04	-2.314916e-04	-6.630510e-04
## SPAC23H3.14	1.050753e-03	2.623274e-03	7.714925e-04	-4.664571e-04
## SPNCRNA.832	-3.367015e-04	4.810833e-04	-2.006837e-04	3.147571e-04
## SPAC25H1.02	3.752567e-05	1.995371e-03	-1.109948e-04	6.102845e-04
## SPAC25H1.03	-1.679824e-04	-1.787099e-04	-9.617756e-04	5.472794e-04
## SPAC25H1.10c	2.717855e-04	-2.278498e-03	-5.949980e-04	2.850980e-03
## SPAC25H1.09	-3.488070e-04	6.340378e-04	5.811231e-04	4.501004e-04
## SPAC4A8.02c	-8.410935e-04	-3.040808e-04	2.422724e-03	-1.307791e-06
## SPAC4A8.03c	2.218907e-03	1.222359e-03	5.789929e-05	-5.376478e-05
## SPNCRNA.834	-3.152128e-04	-2.938349e-04	-1.079209e-04	-2.108353e-04
## SPNCRNA.835	2.251382e-06	-4.500119e-07	-1.441302e-05	-9.050584e-06
## SPAC4A8.06c	1.016964e-02	1.062185e-04	5.522513e-03	2.741007e-03

## SPAC4A8.09c	8.993702e-04	3.912761e-04	-8.540301e-04	-2.996044e-03
## SPAC4A8.11c	-4.538607e-02	2.714879e-02	-6.515126e-02	1.914361e-02
## SPAC4A8.13c	2.249392e-03	-1.164431e-02	6.922465e-04	7.015712e-03
## SPAC4A8.15c	-2.733002e-03	-1.300481e-03	-5.688774e-03	-2.688864e-03
## SPAC4A8.16c	-6.049871e-02	-1.470915e-02	1.496852e-02	2.215267e-03
## SPNCRNA.840	-1.424724e-03	-4.847894e-04	-1.012671e-04	6.060053e-06
## SPAC823.02	9.829103e-04	-2.903391e-03	1.590112e-03	1.464376e-03
## SPAC823.04	-1.940184e-03	-1.964432e-03	-5.915112e-04	-1.145679e-03
## SPAC823.05c	5.249052e-03	-7.972239e-04	5.172371e-03	-2.754546e-03
## SPAC823.06	-2.163873e-04	-9.267878e-05	2.412619e-04	-4.462250e-04
## SPAC823.08c	6.431904e-04	-1.893649e-03	-1.430543e-03	-2.537000e-03
## SPAC823.09c	-6.482191e-04	1.198643e-03	-5.089529e-04	1.985243e-04
## SPAC823.10c	4.083900e-04	-1.121796e-03	4.257106e-04	1.595631e-03
## SPAC823.15	-2.622957e-04	-5.235850e-04	-1.042457e-03	-7.433807e-04
## SPAC7D4.13c	3.160798e-03	-1.894273e-04	6.585149e-04	-1.111621e-03
## SPAC7D4.12c	3.257108e-04	-1.027509e-03	-8.580301e-04	-1.307897e-04
## SPAC7D4.10	2.191964e-03	1.286927e-03	-8.856692e-04	-6.610375e-04
## SPNCRNA.842	-1.302077e-04	-9.187498e-06	-4.617232e-05	2.473551e-05
## SPAC7D4.15c	6.823139e-04	-1.435493e-04	8.384519e-04	-4.151330e-04
## SPAC7D4.07c	-1.028611e-02	-2.848014e-02	3.321432e-03	3.668361e-03
## SPSNORNA.12	-4.952234e-02	-8.707932e-03	-1.024556e-02	4.997577e-02
## SPAC7D4.05	-8.606287e-05	-1.549437e-03	-8.570873e-04	-2.094982e-04
## SPAC7D4.02c	2.137782e-03	-8.127335e-04	4.371695e-04	2.369708e-04
## SPAC4F8.13c	1.199553e-02	1.101550e-03	2.683924e-03	-1.243089e-03
## SPAC4F8.11	5.561211e-03	-1.633212e-04	-1.966895e-03	2.055835e-03
## SPAC4F8.08	-1.999609e-04	-1.720912e-04	-1.302452e-04	7.948219e-05
## SPNCRNA.201	-4.587407e-05	-1.349839e-05	-1.099553e-04	-5.802319e-05
## SPAC4F8.06	-3.423983e-04	8.373689e-04	5.325716e-04	4.127203e-04
## SPAC4F8.05c	-3.414310e-04	-1.716986e-04	1.144619e-03	1.631719e-04
## SPAC4F8.04	1.416412e-03	-4.252309e-04	3.823856e-04	-7.847079e-04
## SPAC644.06c	1.410089e-03	-5.961824e-04	3.061178e-03	-3.816677e-04
## SPNCRNA.844	-5.695186e-04	4.373966e-04	4.160995e-04	8.830390e-04
## SPATRNLALYS.04	3.439825e-04	-1.336067e-03	8.415528e-04	-2.345000e-04
## SPAC644.07	8.676822e-04	-6.851127e-04	8.797632e-05	-4.199290e-04
## SPAC644.09	1.147776e-03	-1.292682e-03	1.102553e-03	-1.379329e-03
## SPAC644.10	8.569479e-04	-8.261391e-05	-4.346840e-04	-1.161409e-03
## SPAC644.12	2.605870e-03	2.418668e-03	-7.787664e-04	-2.202121e-03
## SPAC644.13c	1.935468e-03	-2.465031e-03	3.633753e-04	-2.592224e-03
## SPAC644.17c	-1.309186e-04	-1.571620e-04	-2.650864e-03	-2.014143e-03
## SPNCRNA.198	3.546038e-05	1.086389e-05	3.919031e-05	-2.843303e-05
## SPAC644.18c	2.097345e-04	-1.841721e-03	-1.753518e-03	-2.458425e-03
## SPAPB2B4.01c	5.727687e-04	6.742483e-04	-1.044584e-03	-5.484062e-04
## SPSNORNA.54	-1.564243e-02	2.496023e-03	-7.350340e-03	8.918052e-03
## SPNCRNA.846	-3.601948e-04	-4.497325e-04	3.830590e-04	-1.391720e-04
## SPAPB2B4.05	-1.242126e-03	-4.426431e-03	-8.366802e-04	-8.331583e-04
## SPAPB2B4.06	4.272259e-04	-4.960643e-04	-4.336159e-05	6.413344e-04
## SPAPB2B4.07	2.769598e-03	-1.112488e-03	6.215358e-04	-5.223389e-04
## SPAC6F6.01	4.855874e-03	-2.806382e-03	3.366733e-04	3.024954e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	7.542399e-05	-9.154740e-05	8.253174e-05	2.365057e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-6.538374e-05	-5.298010e-06	-9.404195e-05	1.099665e-04
## SPAC6F6.05	-2.971687e-04	-4.277377e-03	2.471836e-03	3.473005e-04
## SPAC6F6.06c	7.696553e-03	-7.804478e-04	6.305923e-03	2.793207e-03

## SPAC6F6.07c	-1.836794e-02	-2.653782e-02	1.791121e-02	-9.706177e-03
## SPAC6F6.12	2.468898e-03	-4.060827e-03	1.167185e-03	-3.498644e-04
## SPNCRNA.850	-3.153279e-04	-2.892668e-04	-8.297331e-06	1.435152e-05
## SPNCRNA.851	1.269531e-04	-2.579348e-04	-3.042018e-04	1.117679e-04
## SPAC6F6.19	6.879183e-04	4.495846e-05	4.789212e-04	-3.366397e-04
## SPAC6F6.15	-1.241835e-03	-2.481479e-03	-2.021612e-03	-3.830662e-04
## SPAC6F6.16c	7.929861e-04	5.362334e-04	1.361050e-03	6.399225e-05
## SPAC1805.01c	1.796638e-03	-1.301932e-03	2.501434e-03	5.056184e-04
## SPAC1805.02c	-4.279865e-03	-1.233706e-04	1.626205e-03	1.692514e-03
## SPAC1805.06c	-2.408436e-03	-2.690077e-03	4.788548e-04	3.006342e-03
## SPNCRNA.853	-1.448982e-05	-4.615184e-04	-1.247075e-04	2.567140e-04
## SPAC1805.07c	-2.373649e-04	4.035060e-04	-6.560508e-04	-4.873397e-04
## SPNCRNA.854	6.672049e-04	-4.446575e-04	5.803054e-04	7.076712e-04
## SPAC1805.08	-1.320196e-03	-2.175677e-04	-1.256858e-03	-6.477900e-06
## SPAC1805.18	-8.234354e-05	-7.381461e-04	5.188110e-04	1.271759e-04
## SPAC1805.09c	-1.072072e-03	5.658044e-05	-1.154282e-04	-1.748242e-04
## SPAC1805.10	2.153157e-03	-8.273892e-04	-1.173650e-03	-7.914238e-04
## SPAC1805.12c	-2.022548e-02	-1.240878e-02	5.107173e-03	1.562169e-02
## SPAC1805.13	-1.911404e-02	3.681175e-03	2.448829e-02	1.149790e-02
## SPATRNALEU.02	-6.985972e-03	-2.339891e-03	-1.693367e-03	-9.607613e-03
## SPAC1B2.02c	3.324766e-04	-1.892119e-04	1.893892e-04	2.683863e-03
## SPAC1B2.03c	2.008859e-02	-1.569860e-02	3.835296e-02	3.447989e-03
## SPAC1B2.04	-4.946379e-03	-5.360644e-03	1.033022e-03	2.899846e-03
## SPAC1B2.05	1.354731e-03	-1.058464e-03	1.180735e-04	-7.267153e-07
## SPAC3F10.03	-4.921636e-04	3.736069e-03	-1.186722e-02	5.365682e-04
## SPAC3F10.04	-2.062347e-03	9.527286e-04	-3.569176e-03	-4.648979e-06
## SPAC3F10.06c	2.358098e-03	-3.169629e-04	-2.913559e-04	-1.578404e-03
## SPNCRNA.855	2.854819e-05	-1.593349e-04	8.870000e-05	-6.713194e-05
## SPAC3F10.09	-6.782983e-04	-3.307829e-04	6.328367e-04	-4.096066e-03
## SPAC3F10.11c	9.235866e-03	-5.798726e-03	5.555036e-03	6.397793e-03
## SPATRNNATHR.03	-2.344586e-03	1.667497e-03	5.853304e-04	-9.326241e-04
## SPAC3F10.15c	6.735657e-04	6.151912e-04	-1.790828e-04	-1.024966e-03
## SPAC3F10.13	2.122918e-03	-3.217822e-04	3.747016e-04	2.648294e-04
## SPAC3F10.16c	-3.425402e-03	-3.259981e-03	-1.854746e-03	-3.761550e-03
## SPAC3F10.17	-2.260136e-03	-9.199832e-04	3.510850e-03	-5.806585e-04
## SPAC3F10.18c	3.558175e-02	-2.838817e-02	3.816228e-02	-1.021589e-02
## SPAC8F11.03	1.967905e-03	-1.826022e-03	4.716520e-04	-2.643385e-03
## SPNCRNA.856	1.806320e-04	9.685497e-06	-1.861477e-05	-1.157466e-04
## SPAC8F11.04	-2.918359e-03	-2.986765e-03	-5.228748e-04	-2.415571e-03
## SPAC8F11.08c	-3.565314e-04	7.903203e-03	-8.946964e-03	1.236351e-02
## SPAC8F11.09c	-2.827648e-03	9.669545e-04	1.246253e-03	2.195941e-03
## SPNCRNA.857	-7.853704e-05	-1.862309e-04	-1.426718e-03	-4.938623e-04
## SPACUNK4.17	-3.825798e-02	6.109596e-02	-2.886702e-02	4.784428e-02
## SPACUNK4.19	-9.137441e-05	1.688159e-04	2.586323e-05	9.365554e-05
## SPACUNK4.16c	6.902167e-03	-7.614845e-03	-6.061402e-03	9.620568e-03
## SPACUNK4.15	-6.979974e-04	-8.963265e-03	5.425563e-04	-3.407377e-05
## SPACUNK4.14	2.906381e-04	3.188830e-05	-1.443934e-04	2.451591e-04
## SPNCRNA.56	1.440705e-04	1.231439e-07	-7.799543e-05	-1.503760e-06
## SPACUNK4.12c	4.120487e-03	-5.046243e-03	-7.434455e-04	8.870273e-04
## SPACUNK4.11c	2.291508e-04	6.102735e-04	4.534317e-04	-7.434710e-04
## SPACUNK4.20	-3.043876e-04	-5.612898e-05	-1.827433e-04	-2.886014e-04
## SPACUNK4.09	3.599692e-04	9.734085e-04	-2.022079e-03	-9.400764e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	6.905410e-03	-1.504110e-03	1.249742e-03	4.124849e-04

## SPAPYUK71.03c	1.040842e-02	-8.280538e-03	-7.770818e-04	-1.423569e-03
## SPNCRNA.209	9.862418e-05	1.094396e-05	-8.729785e-05	3.632365e-05
## SPAC513.04	2.748581e-05	-1.172086e-04	-1.110647e-05	6.429317e-05
## SPAC513.06c	4.928460e-04	-2.929151e-03	1.273479e-03	2.739993e-03
## SPAC513.07	-3.296288e-03	-2.249680e-02	1.255288e-02	-6.464417e-03
## SPAC2E1P3.02c	-3.801115e-04	5.962421e-05	7.742983e-05	-2.021384e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-1.548038e-04	-1.689834e-04	-4.905335e-05	-7.048358e-05
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-3.758221e-03	2.224091e-03	-1.277083e-03	2.690106e-03
## SPNCRNA.861	-8.426898e-04	-2.053349e-04	-1.347907e-04	-1.516410e-04
## SPNCRNA.862	1.595292e-03	-1.601362e-03	7.870720e-04	-9.214950e-04
## SPNCRNA.863	-1.545440e-03	2.270543e-03	6.696216e-04	-3.574000e-03
## SPAPB24D3.01	4.341646e-03	-4.400330e-05	-1.435557e-03	-2.692198e-04
## SPAPB24D3.02c	5.230569e-03	1.164418e-03	9.118220e-04	-2.100038e-03
## SPAPB24D3.03	-1.863099e-04	1.050768e-03	2.101259e-03	2.023117e-04
## SPAPB24D3.04c	1.842737e-03	1.235333e-03	1.212199e-03	-7.592107e-04
## SPAPB24D3.07c	1.129252e-02	-8.271831e-03	-7.855029e-03	-4.927250e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	7.870442e-03	2.048647e-03	2.505896e-03	1.721901e-03
## SPAPB24D3.10c	1.842976e-03	6.483523e-04	-8.337749e-04	9.078332e-05
## SPNCRNA.867	-1.246821e-04	2.727140e-04	4.760253e-05	-1.372674e-04
## SPNCRNA.868	-6.688144e-05	2.543129e-05	-5.899241e-05	1.073406e-05
## SPNCRNA.869	-1.591611e-05	-1.036785e-04	3.559964e-06	-3.057158e-05
## SPAPB1A11.04c	5.550362e-03	1.349705e-03	2.088762e-03	-4.385616e-04
## SPAC31G5.02	3.558162e-03	-4.253326e-03	-6.369191e-04	-1.578759e-03
## SPNCRNA.870	-6.208966e-05	1.623335e-05	-5.028501e-05	5.305347e-05
## SPAC31G5.04	-6.596400e-03	1.399681e-03	3.685601e-03	-1.019729e-02
## SPAC31G5.06	-9.773285e-05	6.741944e-05	-4.648631e-04	2.752463e-04
## SPNCRNA.871	5.657328e-05	5.236307e-05	-2.684243e-04	1.580855e-04
## SPAC31G5.08	1.886346e-03	-1.114596e-04	-1.756087e-03	-2.693272e-03
## SPNCRNA.71	1.631796e-04	-1.538395e-04	-2.353275e-04	-3.227063e-05
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	2.178183e-03	-4.939885e-04	-1.218285e-03	9.098929e-04
## SPAC31G5.11	1.256899e-02	2.716305e-03	5.459455e-03	-1.703562e-03
## SPAC31G5.21	1.818899e-04	4.246990e-04	-8.004194e-04	2.987548e-04
## SPNCRNA.874	-2.018087e-04	-2.365977e-05	1.955490e-05	-1.426602e-04
## SPAC31G5.14	1.336967e-04	4.034662e-03	1.324436e-03	-5.794827e-03
## SPAC31G5.16c	-5.603917e-03	4.394518e-05	-1.410742e-03	-1.569873e-03
## SPAC31G5.18c	2.996199e-04	-1.591036e-03	2.530638e-04	2.537019e-04
## SPAC31G5.19	5.084316e-03	1.537695e-03	-5.854237e-04	-2.585001e-03
## SPNCRNA.876	4.000215e-04	1.892669e-05	4.905697e-04	-4.232475e-04
## SPNCRNA.877	-4.614254e-05	1.020601e-04	-8.169665e-05	-1.997030e-04
## SPAC1786.02	1.022288e-02	4.952471e-03	-4.922118e-03	-1.045452e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	3.875500e-03	2.088982e-04	1.168116e-03	-1.380919e-03
## SPAC24C9.02c	4.149787e-04	-1.699695e-03	-4.200536e-04	7.574201e-04
## SPAC24C9.04	2.885165e-03	-2.243898e-03	2.355785e-03	-8.041466e-04
## SPAC24C9.05c	-1.112029e-03	-5.592273e-04	-2.715901e-03	9.296284e-04
## SPAC24C9.07c	1.971873e-03	-5.654841e-04	-7.085098e-05	-4.900420e-04
## SPNCRNA.881	-2.546239e-04	4.198330e-05	2.405293e-04	3.858300e-05
## SPNCRNA.882	1.709600e-05	4.605772e-06	4.429091e-05	7.988040e-05
## SPAC24C9.08	7.207544e-03	-1.850552e-03	-1.357167e-04	-2.714273e-03
## SPAC24C9.10c	5.429931e-04	-7.603036e-04	-6.448296e-04	-1.484890e-03

## SPAC24C9.11	-1.485787e-03	-2.859721e-03	-6.580105e-04	2.185027e-03
## SPAC24C9.12c	2.998562e-03	-2.885654e-03	7.669803e-03	-1.633290e-03
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	-1.538842e-03	-3.551697e-03	-2.877268e-03	-2.026928e-03
## SPNCRNA.884	-3.934084e-05	-2.765823e-05	-1.632714e-06	-1.598988e-05
## SPATRNLAYS.05	-2.361317e-04	-3.390887e-04	2.329384e-04	-1.677481e-04
## SPAC16A10.05c	-7.527443e-05	-8.587089e-04	7.147633e-04	1.974207e-04
## SPAC16A10.06c	-1.030596e-03	-7.612164e-04	1.218993e-03	4.915186e-04
## SPAC16A10.07c	4.688209e-03	4.201399e-04	1.009262e-03	-2.256896e-03
## SPNCRNA.885	7.358183e-04	3.420311e-05	5.871324e-04	2.050949e-04
## SPAC16A10.08c	3.169604e-04	2.548726e-04	4.301148e-04	-4.166530e-04
## SPAC589.03c	8.110330e-05	-8.578122e-04	-1.414360e-04	2.330348e-04
## SPAC589.06c	-2.635901e-03	-8.145392e-03	1.146910e-02	7.582706e-03
## SPAC589.08c	2.877116e-04	-7.264590e-04	1.708843e-04	-1.449751e-04
## SPAC589.11	2.834624e-04	-4.219751e-04	-8.836551e-06	-8.813884e-05
## SPAC688.02c	9.231655e-04	1.745740e-04	-7.962319e-05	-7.787013e-04
## SPAC688.06c	3.483178e-04	-2.005428e-04	-1.209324e-04	-2.456469e-04
## SPAC688.07c	7.440294e-03	-3.055892e-03	-1.830057e-03	-9.708693e-04
## SPAC688.08	5.080794e-03	3.108825e-03	2.512627e-03	-6.301220e-04
## SPAC688.09	-3.460651e-04	1.583179e-03	-4.380854e-03	8.092526e-04
## SPNCRNA.888	-1.150023e-04	-1.534027e-04	-2.846258e-04	-6.318790e-04
## SPNCRNA.889	-1.363780e-04	-2.769677e-04	-1.424603e-04	-2.279292e-04
## SPAC688.13	-3.116084e-04	-7.618167e-04	3.422255e-04	5.765585e-05
## SPNCRNA.890	6.145430e-05	-1.913713e-04	-2.937529e-04	3.313192e-04
## SPAC688.14	-2.772261e-04	3.162287e-04	-1.401983e-03	1.433922e-03
## SPAC688.16	3.730912e-04	-2.000090e-03	-8.194399e-04	-7.219827e-04
## SPNCRNA.891	1.938844e-04	-4.053569e-04	-1.427833e-05	-1.589776e-04
## SPAC3G9.15c	4.068908e-04	-9.268408e-04	-1.144064e-03	-1.913618e-04
## SPNCRNA.216	7.612415e-06	-3.690568e-06	-2.255668e-05	-1.944240e-06
## SPAC3G9.13c	2.553264e-03	-1.250635e-04	1.492913e-03	5.668205e-04
## SPNCRNA.217	4.747822e-05	8.276272e-05	9.331724e-05	6.457717e-05
## SPAC3G9.11c	3.310088e-04	-1.454383e-04	-5.631370e-04	-9.286826e-05
## SPAC3G9.17	1.324011e-04	-3.569569e-04	-1.891862e-04	1.528010e-04
## SPATRNLATHR.04	-5.392680e-03	3.120020e-02	-1.932163e-02	5.429755e-03
## SPNCRNA.218	7.419803e-05	9.083208e-05	-6.044152e-04	-2.471693e-04
## SPNCRNA.892	5.473763e-04	-7.747995e-04	-4.666603e-04	8.297041e-04
## SPAC3G9.09c	-2.615631e-02	-7.653594e-03	-6.291200e-03	8.508050e-05
## SPAC3G9.07c	1.995194e-03	7.582662e-04	1.895320e-03	1.244486e-03
## SPAC3G9.06	-1.248131e-02	2.288205e-03	-1.086866e-03	8.539530e-04
## SPAC3G9.03	-9.161950e-03	7.476997e-03	-1.328903e-02	3.082914e-02
## SPAC3G9.01	5.731154e-04	1.352942e-04	-1.518215e-04	-2.936371e-04
## SPAC1486.01	2.795133e-03	-6.074699e-03	1.005785e-03	7.761747e-03
## SPAC1486.05	2.867182e-02	8.151049e-03	1.005692e-02	7.339248e-03
## SPNCRNA.894	1.723619e-04	-5.492192e-04	7.069896e-06	-1.390010e-04
## SPAC1486.11	-1.983722e-04	-3.478195e-04	4.800129e-04	2.409274e-04
## SPAC1486.07c	6.047933e-04	-2.520002e-04	9.576981e-04	-1.754168e-03
## SPAC1486.08	2.051064e-03	-1.210694e-03	3.944840e-04	-1.007227e-03
## SPAC1486.10	6.060055e-03	1.847597e-05	1.665008e-03	-2.285679e-03
## SPAC6G10.02c	1.058020e-02	2.844389e-03	1.968906e-03	-5.962159e-03
## SPAC6G10.03c	-6.527168e-04	-2.051402e-03	3.709251e-04	-1.039075e-03
## SPAC6G10.04c	-8.224161e-03	-3.963552e-03	-6.222585e-03	-6.835417e-04
## SPAC6G10.05c	4.415285e-03	8.383852e-04	4.913215e-03	-2.392055e-03
## SPNCRNA.896	6.972435e-04	9.486943e-05	1.086589e-03	1.007509e-04
## SPAC6G10.07	4.015158e-03	-4.169107e-03	3.554231e-04	2.265682e-03

## SPAC6G10.08	-8.441513e-03	-8.036960e-03	5.067253e-03	-5.570662e-03
## SPAC6G10.09	-4.173370e-03	6.596650e-04	-4.656784e-03	6.686690e-03
## SPAC6G10.10c	-1.159379e-04	2.698001e-04	1.976682e-04	-8.203602e-04
## SPAC6G9.02c	-2.604783e-03	-9.630414e-03	-3.615220e-03	-1.712946e-03
## SPAC6G9.03c	1.548996e-03	-2.562208e-04	-1.160582e-03	1.869800e-04
## SPAC6G9.09c	-1.821217e-04	-6.287957e-03	-2.419557e-04	5.084773e-03
## SPAC6G9.12	-1.138483e-03	-2.348835e-03	-4.157361e-03	-8.494750e-04
## SPNCRNA.899	1.190897e-04	1.396681e-05	-7.882599e-05	-1.006377e-04
## SPAC6G9.15c	1.641532e-03	1.604686e-03	-1.096556e-03	-2.895750e-04
## SPAPB1E7.01c	-7.482066e-04	1.231707e-03	-4.673862e-04	-8.086340e-04
## SPAC652.01	1.564457e-03	-8.742032e-04	1.024539e-03	5.056249e-04
## SPAPB1E7.03	4.439002e-04	-1.601317e-03	-1.390351e-03	1.215779e-03
## SPAPB1E7.04c	1.799810e-02	1.356882e-02	1.472179e-02	1.423984e-02
## SPAPB1E7.06c	1.554405e-03	-7.511782e-05	-7.781671e-04	-6.907709e-04
## SPNCRNA.900	2.625468e-04	-3.378567e-04	-6.983582e-05	8.178715e-07
## SPAPB1E7.07	-1.917970e-02	3.919284e-02	-9.932771e-03	-4.541077e-02
## SPNCRNA.901	-1.710553e-04	-1.926585e-04	-1.625914e-04	2.164121e-04
## SPSNORNA.43	-5.749560e-06	-9.515051e-08	1.485567e-06	1.139592e-06
## SPAPB1E7.10	4.780651e-04	3.619166e-04	1.122333e-04	-1.017339e-03
## SPAC2E1P5.01c	4.095329e-03	-8.717895e-04	2.553124e-03	-3.108851e-03
## SPAC2E1P5.03	-2.284847e-03	3.392078e-03	-1.486052e-03	-9.962678e-04
## SPAC2E1P5.05	-1.781255e-04	8.663643e-05	-2.362831e-05	-1.176413e-03
## SPAC26A3.02	5.150597e-03	1.295591e-03	2.006826e-03	9.300738e-04
## SPAC26A3.05	-4.507639e-02	-3.162983e-02	-6.473827e-03	1.864478e-02
## SPAC26A3.08	-2.929570e-03	-1.827319e-03	1.212669e-03	-2.091548e-03
## SPAC26A3.09c	2.822894e-03	-2.224641e-03	8.427955e-04	-2.027844e-03
## SPAC26A3.10	8.306987e-03	2.021619e-03	1.850074e-03	-1.578958e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	3.392601e-03	9.194534e-04	3.971843e-05	-2.136035e-03
## SPAC8E11.12	-1.840890e-04	-8.627194e-05	6.548269e-06	6.755436e-05
## SPNCRNA.903	1.246549e-04	1.046379e-04	-9.136013e-05	-4.851345e-06
## SPAC8E11.08c	-7.396917e-05	-1.328994e-05	-4.811006e-04	-5.318447e-04
## SPAC8E11.06	1.161266e-04	-1.361839e-04	-4.642474e-05	-2.754641e-04
## SPAC8E11.04c	-2.430204e-03	-3.120978e-03	5.386503e-04	3.159680e-04
## SPNCRNA.904	5.176839e-04	-6.195853e-05	-9.370779e-05	7.083442e-04
## SPAC8E11.03c	-1.514338e-05	5.531697e-05	-2.001078e-04	4.624514e-06
## SPAC8E11.02c	-7.053168e-03	-7.406154e-03	-8.418134e-03	-1.174075e-02
## SPAC959.02	-2.897818e-03	-1.363098e-03	-3.329148e-03	3.508049e-04
## SPAC959.03c	-3.474367e-03	-4.095413e-03	-5.735930e-04	7.770317e-04
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	1.659858e-04	-4.177498e-04	-1.041559e-03	8.662122e-04
## SPAC959.05c	9.753887e-04	-5.078461e-04	1.710733e-04	-3.846906e-04
## SPAC959.07	-7.787870e-03	-1.990253e-02	1.462521e-02	2.023303e-02
## SPAC959.09c	8.176774e-06	-6.689311e-04	-1.865490e-04	1.429977e-04
## SPAP32A8.02	-9.773648e-04	2.478001e-04	5.610100e-04	2.792390e-04
## SPAP32A8.03c	3.941801e-03	-4.264760e-04	-1.354873e-03	2.124252e-04
## SPAC3H5.10	-4.534001e-02	-5.514624e-02	-2.983246e-02	1.008296e-02
## SPAC3H5.08c	4.847260e-03	-4.948908e-05	2.752555e-05	-2.323744e-03
## SPAC3H5.06c	3.336365e-03	1.323454e-04	-1.539631e-03	2.355975e-04
## SPAC3A11.13	5.804669e-04	-1.211215e-03	-1.178972e-05	-1.282166e-04
## SPAC3A11.12c	-3.749671e-03	-9.257578e-03	-1.467533e-03	-4.061653e-03
## SPAC3A11.10c	2.531540e-03	3.136574e-04	-5.419783e-04	-8.436518e-04
## SPAC3A11.09	4.580101e-03	-2.934906e-03	3.751553e-04	-2.586448e-04
## SPNCRNA.909	-4.896821e-04	-1.401656e-04	-2.932665e-04	-2.024368e-04

## SPNCRNA.910	1.307342e-05	3.937182e-04	2.317744e-04	9.191349e-05
## SPAC3A11.05c	4.811319e-04	4.998222e-04	2.798271e-05	2.589832e-04
## SPAC3A11.04	-2.829418e-04	-7.465011e-04	2.859138e-04	6.090940e-04
## SPAC3A11.03	2.591904e-04	-1.112715e-03	4.122586e-04	-9.988839e-04
## SPAC3A11.02	7.665922e-04	-1.481500e-03	4.649664e-03	-1.242647e-03
## SPAC328.04	2.463266e-03	3.086468e-03	8.533347e-04	-2.514437e-04
## SPAC328.05	1.711862e-03	-6.731262e-04	2.760246e-04	-2.711998e-04
## SPAC328.06	2.730137e-03	-3.140654e-03	-5.863422e-03	4.376339e-03
## SPAC328.08c	2.742654e-04	4.839552e-04	2.968554e-04	-2.391514e-04
## SPAC328.10c	7.549338e-03	-1.119653e-02	-1.173511e-02	5.063511e-03
## SPNCRNA.222	-2.909187e-05	5.807302e-05	1.656469e-05	-4.316575e-05
## SPAC16E8.02	6.348978e-04	-9.616597e-04	-8.560485e-04	1.462341e-04
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	2.064372e-05	-3.417290e-04	-3.044518e-04	2.642350e-04
## SPAC16E8.06c	-2.819536e-03	-2.430597e-03	6.369202e-04	-3.965687e-03
## SPAC16E8.07c	-4.699112e-03	-1.051436e-02	5.829323e-03	3.968075e-03
## SPAC16E8.09	2.539517e-03	-2.691792e-03	7.570257e-04	-1.764575e-04
## SPAC16E8.13	2.689479e-04	2.128571e-04	-4.778338e-04	8.127282e-06
## SPAC16E8.15	-5.473474e-03	-2.200148e-03	-8.489827e-05	8.545027e-05
## SPAC16E8.18c	1.384180e-03	-2.318631e-04	8.315789e-04	-5.089115e-04
## SPAC1B1.01	1.635942e-03	-2.592908e-03	1.227377e-04	-1.494952e-03
## SPNCRNA.915	1.500472e-04	9.001608e-05	-1.041083e-04	-1.122733e-04
## SPAC17A2.01	1.219091e-03	9.196303e-04	1.887737e-04	-5.050613e-04
## SPAC17A2.02c	-5.952903e-05	-7.348466e-03	3.090451e-03	-4.614874e-03
## SPAC17A2.04c	3.002686e-03	-1.947035e-03	-1.104712e-03	-5.389256e-04
## SPNCRNA.124	1.503453e-06	3.577332e-05	8.764368e-06	-4.072328e-05
## SPATRNNATRP.01	5.576401e-04	3.460021e-04	-9.260347e-05	4.809181e-04
## SPAC17A2.05	-3.313379e-05	-5.132917e-03	1.315022e-03	-6.477060e-05
## SPAC17A2.06c	4.836934e-03	-4.455994e-03	2.482339e-03	1.308576e-03
## SPAC17A2.07c	-1.700499e-04	5.148876e-06	2.290628e-04	-1.045042e-03
## SPAC17A2.08c	8.454297e-04	-2.046539e-04	-9.119399e-04	-4.835453e-04
## SPAC17A2.09c	1.308752e-02	5.413803e-03	2.514056e-03	-5.957433e-03
## SPAC17A2.10c	4.123242e-04	-1.890210e-04	1.104050e-04	-6.239145e-04
## SPAC17A2.11	3.447847e-05	5.809309e-05	1.187889e-04	-4.260692e-05
## SPNCRNA.920	3.262340e-04	-8.298205e-04	2.549217e-04	-2.076814e-06
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	1.031086e-03	2.193895e-04	1.423536e-03	-5.418982e-04
## SPATRNNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	4.523933e-03	-1.207183e-03	-1.784346e-03	-8.726077e-04
## SPAC17G6.05c	2.323582e-03	4.667005e-04	-2.668316e-04	9.859272e-04
## SPAC17G6.06	-2.922711e-03	-5.697700e-03	-1.120467e-02	7.886980e-04
## SPAC17G6.08	1.806402e-03	2.890395e-04	1.249825e-04	9.702101e-04
## SPAC17G6.10	3.196754e-03	-1.581892e-03	4.956684e-04	-1.464455e-03
## SPAC17G6.11c	2.288488e-03	-4.561081e-03	2.043312e-03	-1.727138e-03
## SPNCRNA.921	1.883007e-06	-4.488088e-05	-1.530554e-06	7.542717e-05
## SPAC17G6.13	-1.620227e-03	-1.118858e-02	4.503088e-03	7.556682e-03
## SPAC17G6.14c	-1.434533e-02	-1.197557e-02	-5.040566e-03	-2.187314e-05
## SPAC17G6.15c	1.039543e-03	-2.039858e-03	-7.565509e-04	-1.739635e-03
## SPAC17G6.16c	1.085374e-03	-3.886064e-03	-2.623055e-03	6.524245e-04
## SPAC17G6.17	2.557951e-03	8.909498e-04	1.576254e-03	4.055765e-04
## SPAC1142.01	1.510373e-03	-1.251923e-03	4.649725e-04	-2.906530e-03
## SPAC1142.02c	-3.658684e-03	-4.001821e-03	-2.301334e-03	1.388308e-03
## SPAC1142.04	3.417860e-03	-4.269101e-03	-1.319460e-03	1.276779e-03

## SPNCRNA.923	-4.627694e-05	6.003595e-05	4.337982e-05	-4.337639e-05
## SPAC1142.05	-3.126948e-03	5.237011e-03	-1.120199e-03	-6.185014e-03
## SPAC1142.06	-1.606770e-03	-3.085487e-03	-1.368785e-03	-3.043184e-04
## SPAC1142.07c	2.112288e-03	-6.056845e-04	2.445425e-04	2.750568e-04
## SPAC1142.08	-8.042388e-04	4.200334e-04	-1.045215e-04	-5.110486e-06
## SPAC1142.09	9.471558e-06	1.014920e-04	-4.727669e-05	-2.047952e-05
## SPNCRNA.925	-4.964259e-04	-7.595484e-05	-2.262304e-04	-9.262160e-04
## SPAC8C9.04	3.967571e-03	6.659259e-03	-5.946377e-03	-4.792333e-03
## SPAC8C9.07	-2.296265e-03	-1.714816e-03	-4.741053e-04	9.799574e-04
## SPAC8C9.08	6.882399e-03	-1.642988e-02	2.473382e-02	5.162961e-03
## SPAC8C9.09c	2.501946e-03	4.828580e-04	3.999778e-04	4.654071e-05
## SPAC8C9.11	1.036673e-03	-4.440791e-04	-3.374134e-04	-8.173098e-04
## SPNCRNA.228	-2.182242e-04	-3.147975e-04	3.742298e-04	4.504112e-04
## SPAC8C9.19	5.982813e-05	7.810736e-05	4.086483e-04	2.334235e-04
## SPAC8C9.12c	4.124961e-03	-3.457061e-03	3.366617e-03	-2.377540e-03
## SPAC8C9.14	6.847772e-03	6.416645e-04	4.915770e-03	-5.233825e-04
## SPAC8C9.15c	-2.003613e-03	-2.644292e-04	-6.475207e-03	1.950668e-03
## SPNCRNA.926	3.737413e-04	-8.515558e-05	1.120213e-03	-7.030657e-04
## SPAC15A10.17	4.288967e-04	-1.525386e-05	5.766254e-04	5.757914e-05
## SPAC15A10.06	5.298940e-04	8.854611e-05	1.500315e-04	9.030620e-05
## SPNCRNA.927	2.284010e-05	-9.469248e-05	6.682897e-05	-7.345334e-05
## SPAC15A10.08	-3.495021e-03	-1.148366e-04	-9.065508e-05	5.523493e-04
## SPAC15A10.09c	-7.783849e-05	8.492937e-05	2.562751e-03	8.409540e-04
## SPNCRNA.928	-1.052696e-04	3.646270e-04	-8.790412e-05	-6.350727e-04
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	5.984563e-03	3.405564e-03	7.585559e-03	2.914488e-03
## SPAC15A10.11	1.076887e-02	-5.923234e-03	-2.549186e-03	2.477056e-03
## SPAC15A10.12c	1.483906e-04	-2.058954e-04	-1.265973e-03	-2.686535e-03
## SPAC15A10.13	4.613775e-03	2.709950e-04	4.051214e-04	-1.764593e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	1.985795e-04	4.487636e-04	1.663250e-04	-7.403532e-04
## SPAC15E1.03	-3.390395e-02	-8.509195e-03	1.480378e-02	1.013448e-02
## SPAC15E1.05c	-3.083265e-05	1.240099e-04	3.083281e-04	-7.176361e-04
## SPAC15E1.09	1.578955e-03	-1.742355e-03	5.207078e-04	-9.359092e-04
## SPAC15E1.10	4.381055e-04	-8.523238e-04	2.025334e-04	8.883418e-04
## SPNCRNA.932	2.078051e-04	-9.009383e-05	-1.369504e-04	2.842598e-04
## SPAP7G5.02c	-2.028590e-02	-9.614573e-03	1.345059e-02	5.445728e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	-1.140090e-02	-7.235028e-03	2.864594e-03	7.120678e-03
## SPNCRNA.934	2.191452e-03	-8.827791e-04	2.603118e-04	-2.062982e-03
## SPNCRNA.935	-3.285980e-04	4.435268e-04	1.168127e-03	-3.459037e-04
## SPNCRNA.84	-1.168330e-05	-1.136626e-05	2.385158e-05	1.763137e-05
## SPNCRNA.230	-1.845833e-05	4.118723e-06	-1.682061e-05	-1.413206e-05
## SPNCRNA.231	2.103586e-05	-4.063525e-05	-1.739994e-05	1.926780e-05
## SPNCRNA.232	8.561935e-06	-1.659023e-07	1.940900e-05	-1.418240e-05
## SPATRNAILE.03	1.382310e-04	-1.205275e-04	-1.203203e-03	-3.213800e-04
## SPNCRNA.233	-4.627937e-06	5.462817e-06	-7.290657e-06	-1.740870e-05
## SPATRNAGLU.04	1.052491e-02	1.119472e-02	8.145988e-03	4.185316e-03
## SPATRNAALA.05	2.307245e-04	-9.016174e-04	3.098468e-04	5.969296e-05
## SPNCRNA.234	-1.584384e-05	9.852799e-06	5.252718e-05	3.725694e-05
## SPAC1556.01c	1.784119e-03	-1.289542e-03	-1.028565e-03	-4.792019e-04
## SPAC1556.03	2.550388e-03	6.112804e-04	-1.718672e-03	-1.124597e-03
## SPAC1556.04c	2.461262e-04	3.078102e-04	-1.924889e-04	1.413067e-04
## SPAC1556.05c	2.898880e-04	-1.187866e-03	-4.288794e-05	4.107505e-04

## SPAC1F12.02c	-2.811693e-02	-6.192690e-02	-9.607695e-02	2.223339e-02
## SPAC1F12.03c	1.099565e-03	2.249503e-05	-2.836967e-05	4.201682e-04
## SPAC1F12.04c	2.201253e-03	-1.701754e-03	9.898198e-04	-1.104009e-03
## SPAC1F12.05	4.188865e-03	-9.201941e-04	2.435906e-03	-3.682403e-04
## SPAC1F12.07	-4.248043e-03	-5.268767e-03	3.572138e-04	-1.894051e-03
## SPNCRNA.937	7.473868e-04	-4.139294e-04	2.254967e-04	3.474547e-04
## SPAC4H3.01	1.722877e-05	2.453223e-03	-9.526668e-04	-3.064674e-03
## SPAC4H3.03c	5.098351e-04	-6.314737e-03	1.283964e-03	4.441322e-04
## SPAC4H3.06	3.452877e-04	8.145311e-04	-1.113309e-03	-3.300385e-04
## SPAC4H3.09	1.047655e-03	4.998196e-04	2.520264e-04	5.057032e-04
## SPNCRNA.941	2.240439e-05	-5.526930e-05	8.651365e-05	7.898540e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-3.012686e-04	-5.715795e-05	1.543247e-04	-2.306582e-05
## SPNCRNA.942	2.936351e-04	7.621675e-05	-3.405927e-05	5.699194e-05
## SPAC4H3.12c	-8.253701e-05	-3.586116e-04	-4.977201e-06	1.246585e-04
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	1.194022e-03	-5.265546e-03	-2.459743e-04	-2.025575e-03
## SPAC1071.02	-2.730482e-03	-5.779476e-03	6.986577e-04	-3.171405e-04
## SPAC1071.03c	8.278156e-04	-2.487023e-03	-5.609975e-04	6.404750e-04
## SPNCRNA.237	1.547824e-04	1.809507e-05	-9.544344e-05	-3.424336e-06
## SPNCRNA.943	-2.158292e-04	-1.454805e-04	-2.228355e-05	7.754024e-05
## SPAC1071.05	8.711623e-04	1.282454e-03	2.436383e-03	-2.280536e-03
## SPAC1071.06	7.837837e-04	-1.738549e-03	8.730556e-04	5.000626e-05
## SPAC1071.08	3.998332e-03	6.060803e-03	8.898397e-03	-5.944451e-04
## SPAC1071.10c	1.509648e-01	-7.214400e-02	1.768571e-02	-1.710524e-02
## SPNCRNA.93	-6.485416e-07	-9.668785e-06	-2.935620e-05	-1.109105e-04
## SPAC1071.13	6.260373e-04	-6.935264e-05	-2.050753e-04	-8.463382e-04
## SPNCRNA.945	-2.927437e-04	-2.289194e-04	-3.338236e-05	-5.625778e-05
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	8.861646e-04	3.778005e-05	-7.101376e-04	1.019876e-04
## SPAC926.02	-1.089614e-04	3.436366e-04	-5.126218e-04	-7.701968e-05
## SPNCRNA.946	2.781159e-04	-1.063717e-04	-6.227666e-04	9.334079e-05
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	4.461031e-04	-1.011263e-04	-3.263964e-04	-6.702166e-04
## SPAC926.04c	1.303595e-02	-1.838259e-01	7.739223e-02	-8.622758e-02
## SPRRNA.18	-1.683495e-02	-1.128340e-02	-1.578018e-02	1.797911e-03
## SPAC926.05c	-1.096124e-04	-4.366897e-04	-2.749436e-04	8.351458e-04
## SPAC926.09c	-4.200241e-02	2.262866e-02	-3.416835e-02	1.528683e-02
## SPAC323.01c	1.528111e-04	2.412802e-04	7.340756e-04	-1.144441e-04
## SPNCRNA.948	2.527275e-04	7.002574e-05	-3.411668e-04	-3.092882e-05
## SPAC323.06c	9.096556e-04	-7.730098e-04	-1.311982e-04	-6.698815e-04
## SPAC323.07c	6.519429e-03	-1.655568e-04	3.506305e-03	-2.549976e-03
## SPAC2F3.02	8.706769e-04	-1.878438e-03	-3.393186e-04	1.299474e-03
## SPAC2F3.03c	-1.357440e-03	-4.468069e-03	1.851961e-03	-4.356439e-03
## SPAC2F3.04c	1.602675e-03	-1.318499e-03	6.954808e-04	-2.386075e-03
## SPAC2F3.05c	3.856406e-03	2.428198e-04	-3.756329e-04	-1.470858e-03
## SPAC2F3.06c	-5.736274e-03	-1.237424e-02	1.580382e-03	-3.427854e-03
## SPAC2F3.08	4.259238e-04	1.938564e-03	-1.274962e-03	1.820801e-03
## SPNCRNA.949	7.292739e-04	1.806220e-03	-4.471703e-05	-9.793847e-04
## SPNCRNA.950	-7.310751e-06	2.426996e-05	-1.958675e-05	-1.637156e-05
## SPAC2F3.18c	4.220092e-04	-4.433349e-03	4.301790e-03	2.175156e-03
## SPAC2F3.11	6.892404e-06	-1.820772e-03	1.500597e-04	-3.284766e-03
## SPNCRNA.240	5.906149e-05	1.704168e-05	5.894224e-06	-3.317120e-05
## SPAC11G7.01	8.084415e-03	-1.482749e-03	1.710689e-03	-4.753154e-03

## SPAC11G7.02	-1.926627e-03	-2.859385e-03	-2.240467e-03	-2.841463e-03
## SPAC11G7.03	1.334174e-03	-1.924840e-03	-3.550420e-03	1.535380e-03
## SPAC11G7.04	-4.313869e-03	-1.071546e-02	-7.903143e-03	3.495977e-03
## SPAPB18E9.01	-2.211446e-04	-2.159437e-03	4.749429e-04	-1.770962e-04
## SPAPB18E9.05c	9.786169e-03	-5.999668e-04	-1.556118e-03	-1.082186e-03
## SPAPB15E9.01c	1.334768e-01	-1.723511e-02	2.244326e-02	-2.307774e-02
## SPAPB15E9.02c	1.421561e-03	-4.497446e-04	2.251809e-04	5.360370e-05
## SPAC27E2.02	2.223283e-03	-3.000766e-04	-1.033105e-03	4.507233e-04
## SPNCRNA.53	7.929581e-06	-3.060499e-06	-7.863688e-06	5.593405e-06
## SPAC27E2.14	2.179059e-04	-6.589947e-04	-2.970170e-04	-5.278838e-04
## SPAC27E2.05	2.442910e-03	1.716766e-03	-1.739998e-03	-1.403833e-03
## SPAC27E2.09	5.633829e-03	-5.490680e-03	-4.273816e-03	-2.517389e-03
## SPAC27E2.10c	7.812679e-04	2.271639e-04	7.462369e-04	7.171102e-04
## SPAPJ698.03c	-7.484677e-04	-1.900760e-03	-7.403875e-04	-2.463141e-03
## SPAC19G12.02c	9.945914e-04	1.476554e-06	9.523163e-04	1.293018e-04
## SPAC19G12.04	-1.929723e-04	-1.389997e-04	1.648955e-04	2.728014e-04
## SPAC19G12.06c	-7.719728e-04	7.739757e-03	3.343979e-03	6.447663e-03
## SPAC19G12.07c	2.386177e-03	1.631106e-03	9.942612e-04	-1.354394e-03
## SPAC19G12.08	5.569668e-03	-9.642930e-04	2.782358e-04	-4.238115e-03
## SPATRNALEU.04	1.474158e-02	1.398773e-02	2.338747e-02	5.218780e-02
## SPAC19G12.09	2.326925e-03	-4.404995e-03	1.694145e-03	3.312950e-03
## SPAC19G12.13c	1.505807e-03	-6.805189e-04	-7.690342e-04	-3.526767e-04
## SPAC19G12.14	3.562542e-03	-5.061068e-04	9.561037e-04	-2.071299e-04
## SPAC23A1.07	7.828343e-04	4.574589e-04	1.009575e-03	-9.695070e-06
## SPAC23A1.08c	-9.009287e-03	-1.004962e-02	1.450951e-02	3.126236e-02
## SPAC23A1.10	2.399694e-02	-1.642142e-02	8.324051e-02	1.974258e-02
## SPAC23A1.15c	-1.883782e-03	-1.665320e-03	-5.750520e-04	1.358616e-03
## SPAC23A1.16c	-3.415675e-05	2.939518e-05	-1.323465e-04	-1.516032e-04
## SPNCRNA.341	-4.696110e-05	-3.140007e-05	-6.300309e-06	-5.529539e-07
## SPAC26H5.04	3.346218e-05	1.194334e-03	1.549571e-03	2.006760e-03
## SPNCRNA.961	2.235502e-05	4.759806e-04	-3.496415e-04	-1.855449e-04
## SPAC26H5.07c	8.627423e-03	-8.340466e-03	3.052812e-03	-6.002050e-03
## SPAC26H5.08c	3.823402e-03	2.122915e-03	-6.594888e-04	-2.904295e-03
## SPNCRNA.962	-6.048709e-06	-1.765882e-06	-6.267724e-06	-1.116767e-05
## SPNCRNA.306	-5.270091e-06	1.708430e-05	-4.112099e-06	9.812917e-06
## SPAC26H5.09c	-4.849220e-03	-3.041673e-04	-7.292769e-03	-5.359641e-03
## SPAC26H5.10c	5.541300e-04	2.357806e-02	4.568380e-02	6.623940e-03
## SPNCRNA.964	-1.665607e-04	-7.309595e-05	2.766306e-04	-1.689054e-04
## SPNCRNA.965	3.052827e-04	-3.476943e-04	-2.501094e-05	4.253365e-04
## SPNCRNA.242	-6.643367e-02	1.609324e-01	1.198164e-01	2.357558e-01
## SPSNORNA.13	-8.331130e-02	8.588288e-02	7.035419e-02	1.563846e-01
## SPAC25B8.02	2.076171e-03	-5.069844e-04	1.961375e-04	-9.506516e-04
## SPAC25B8.03	5.337375e-03	-2.569252e-03	-8.233066e-04	-4.023555e-03
## SPAC25B8.04c	1.245522e-03	6.509980e-04	-9.580967e-05	1.452101e-04
## SPAC25B8.05	-4.002506e-05	2.769207e-04	5.424732e-04	7.626517e-04
## SPAC25B8.07c	2.712697e-04	-2.046985e-03	7.323113e-04	-1.473341e-04
## SPAC25B8.20	-1.469988e-04	-8.197417e-04	-2.474681e-04	-1.164189e-04
## SPNCRNA.967	4.312294e-04	-4.013261e-04	-2.598487e-04	3.292780e-05
## SPAC25B8.10	-3.105073e-03	-2.031998e-04	-1.747082e-03	-1.368955e-04
## SPAC25B8.11	4.799242e-03	-3.510896e-03	-4.809193e-04	-1.173822e-03
## SPNCRNA.968	5.281125e-04	6.099327e-04	-1.292639e-04	9.733345e-04
## SPAC25B8.13c	1.000396e-02	5.022569e-03	-2.750017e-03	-2.469532e-03
## SPRRNA.19	-4.622828e-05	-9.539485e-04	6.000867e-04	-2.773075e-04
## SPAC25B8.14	1.069671e-04	-3.209459e-04	4.879485e-04	2.132054e-03

## SPAC25B8.15c	-5.320249e-04	-5.872913e-04	1.701000e-04	-7.304632e-04
## SPAC25B8.16	4.074426e-03	2.828067e-03	-8.149275e-04	-2.011837e-03
## SPNCRNA.970	-2.047098e-04	-2.013721e-05	-1.806305e-04	1.598881e-04
## SPNCRNA.971	-2.345175e-04	-1.083867e-04	-3.076262e-04	2.006621e-04
## SPAC694.03	1.475599e-04	1.411315e-04	-1.340006e-03	-2.486755e-05
## SPAC694.04c	-7.935968e-04	-1.324579e-03	1.146823e-03	1.715682e-03
## SPNCRNA.972	-1.114914e-04	-4.716994e-04	6.538078e-04	-5.498469e-04
## SPAC1F7.02c	-2.004803e-03	-4.557608e-03	2.019946e-03	4.605465e-04
## SPAC1F7.03	1.087373e-02	3.576992e-04	6.818633e-03	3.719654e-03
## SPAC1F7.06	1.122917e-04	-3.786238e-05	-9.693136e-05	1.146808e-04
## SPAC1F7.07c	8.695465e-03	-9.560801e-03	8.478984e-03	2.895323e-03
## SPSNORNA.14	-5.362271e-06	9.006545e-06	9.074899e-06	2.602085e-05
## SPRRNA.20	-2.189527e-02	-3.983888e-03	-2.828407e-02	-3.661897e-02
## SPAC1F7.10	1.462631e-03	1.776135e-04	2.447320e-05	-6.314286e-04
## SPAC1F7.11c	1.985064e-03	-4.058834e-04	1.372485e-03	-3.813963e-04
## SPAC1F7.12	6.185339e-04	-3.619285e-03	1.153100e-03	4.155556e-03
## SPAC21E11.03c	-6.067793e-03	9.278616e-05	-1.612746e-03	8.900901e-04
## SPAC21E11.05c	8.622129e-04	-6.971666e-04	7.536626e-04	6.847782e-04
## SPAC21E11.08	4.560352e-03	-3.133175e-03	-4.476045e-03	6.199332e-04
## SPATRNASER.03	1.164050e-03	-5.290666e-04	2.243863e-03	1.091361e-03
## SPATRNAMET.03	1.230745e-03	-3.092961e-04	9.255112e-04	-1.127668e-03
## SPAC2C4.05	2.720231e-03	-5.374974e-03	6.229263e-03	-1.529746e-03
## SPAC2C4.06c	1.959357e-04	6.958347e-04	1.651778e-03	-1.330195e-03
## SPAC2C4.08	2.298491e-04	-2.595029e-05	-8.003673e-05	-2.284915e-05
## SPAC2C4.11c	-1.831957e-03	-9.010088e-04	9.042606e-04	-1.937816e-03
## SPAC2C4.12c	-1.989552e-03	-1.125046e-03	1.974978e-03	3.318407e-03
## SPAC2C4.14c	-1.747506e-03	-2.487129e-03	-8.187308e-05	-2.240555e-03
## SPAC2C4.15c	5.272027e-06	-1.020487e-03	-3.804471e-03	2.468024e-03
## SPAC2C4.16c	1.429331e-02	6.590076e-03	-4.788892e-02	4.466661e-02
## SPNCRNA.974	-1.123888e-03	-9.725818e-04	-5.217781e-04	5.139370e-04
## SPNCRNA.975	4.939401e-04	2.921951e-06	-3.306866e-04	-1.141654e-04
## SPNCRNA.976	1.865385e-04	-3.856480e-04	2.211986e-04	-3.274202e-04
## SPAC25G10.01	-1.019495e-03	-2.223483e-03	2.260533e-03	-1.431763e-03
## SPAC25G10.05c	-8.232820e-03	-9.269291e-03	3.706017e-03	-5.723006e-03
## SPAC25G10.06	9.212217e-03	-5.102727e-03	-2.588221e-02	-5.114125e-03
## SPAC25G10.07c	2.342482e-03	-2.839470e-05	1.478297e-04	9.194804e-04
## SPAC25G10.09c	1.890366e-02	5.478894e-04	-4.783049e-03	-5.840669e-03
## SPAC27F1.02c	-2.064223e-03	2.130538e-03	-6.432858e-03	-4.300846e-03
## SPAC27F1.03c	6.667630e-04	-4.285004e-04	-1.122694e-03	-1.100897e-03
## SPAC27F1.04c	3.563695e-04	-4.553939e-04	-7.506857e-04	-1.873092e-04
## SPAC27F1.07	3.606336e-03	-8.479939e-03	3.494254e-03	-2.062357e-05
## SPAC27F1.08	3.007532e-03	-2.952653e-03	2.433621e-03	-1.756036e-03
## SPAC27F1.09c	5.281758e-03	-2.494477e-03	-1.092563e-03	-1.938737e-03
## SPAC23D3.01	3.724905e-03	1.063532e-03	1.218263e-03	-3.318598e-04
## SPAC23D3.02	2.345288e-03	3.511590e-04	4.469515e-04	-4.924110e-04
## SPAC23D3.03c	1.961258e-03	-2.648077e-03	2.977270e-03	-4.237724e-03
## SPNCRNA.979	-4.888746e-04	5.103280e-04	1.058506e-03	-1.104881e-03
## SPAC23D3.08	2.146100e-03	4.696655e-04	-2.926206e-03	-2.167192e-03
## SPAC23D3.11	7.038573e-04	-1.360569e-03	1.857245e-03	1.963178e-03
## SPNCRNA.980	5.452880e-04	-1.130788e-04	-2.207555e-04	-1.375876e-04
## SPAC23D3.17	-2.974415e-04	8.888104e-04	-6.111112e-04	-4.989763e-04
## SPNCRNA.981	-1.267520e-04	3.751741e-04	3.380967e-04	1.914319e-07
## SPAC30.01c	1.103523e-02	-6.461064e-03	-1.523129e-03	1.356134e-04
## SPAC30.02c	7.487650e-04	-1.264974e-03	8.585651e-04	1.940769e-03

## SPAC30.04c	1.018729e-02	-2.459960e-03	7.706065e-04	1.183818e-03
## SPAC29E6.01	1.493684e-03	-1.333759e-03	-5.239437e-04	-1.346087e-03
## SPAC29E6.03c	3.293557e-03	-5.514037e-04	3.521006e-03	1.236390e-04
## SPAC29E6.05c	1.587166e-03	-6.937914e-05	5.427245e-04	-4.456144e-05
## SPAC29E6.04	9.329650e-04	-1.548326e-03	-5.545855e-04	-7.953324e-04
## SPAC29E6.07	2.786302e-04	-1.290754e-04	-1.700793e-04	-2.614367e-05
## SPAC29E6.08	-1.057698e-02	-4.692881e-03	5.446186e-03	2.055411e-03
## SPAC16.01	1.556010e-03	-8.028710e-04	-1.254310e-03	1.290713e-03
## SPNCRNA.986	-2.195444e-04	-7.290523e-05	-4.520907e-04	-2.218652e-04
## SPAC16.03c	-1.568801e-03	6.399489e-04	-1.010205e-03	1.706312e-03
## SPAC16.05c	-1.395402e-02	-6.847417e-03	1.473002e-03	-2.231860e-04
## SPAC9E9.01	-3.999420e-05	5.521743e-05	1.187522e-04	-1.846801e-04
## SPAC9E9.17c	-5.321290e-07	-2.811252e-05	-1.397215e-05	5.968175e-05
## SPNCRNA.987	-1.021568e-05	3.001544e-05	-9.323475e-05	-7.734846e-05
## SPNCRNA.12	-1.136521e-05	-4.738605e-06	-1.566585e-05	-5.456414e-05
## SPAC9E9.03	1.736401e-02	3.661484e-02	-1.080762e-02	-4.997928e-02
## SPAC9E9.04	-7.358702e-04	-2.426461e-03	-2.051237e-03	2.644703e-03
## SPAC9E9.09c	2.377054e-02	-8.395995e-04	8.882015e-02	-2.483721e-02
## SPNCRNA.989	2.595945e-04	6.258554e-04	1.824158e-04	6.351127e-05
## SPAC9E9.15	1.475320e-03	-1.206881e-03	-9.698586e-04	1.537326e-04
## SPNCRNA.311	-4.152128e-05	-3.537794e-05	1.997740e-05	8.317578e-05
## SPNCRNA.991	-6.324706e-05	-1.328492e-04	-1.004400e-04	2.191214e-04
## SPAC17C9.14	-4.622144e-04	-6.046156e-04	-3.037682e-04	3.999770e-04
## SPAC17C9.10	2.414763e-03	-3.025854e-03	-2.451590e-03	-2.484644e-03
## SPAC17C9.07	1.668230e-03	-4.276164e-04	1.295491e-03	-1.412695e-03
## SPAC17C9.05c	4.040999e-04	-2.740967e-04	1.861582e-04	-3.667949e-04
## SPAC17C9.01c	1.446200e-03	1.087430e-03	-2.131838e-03	-2.482868e-03
## SPAC1851.04c	-1.337005e-04	-1.483456e-03	-1.753304e-03	-7.274431e-05
## SPAC27D7.02c	2.458972e-03	-6.881008e-04	-4.118241e-04	-7.027475e-04
## SPNCRNA.993	-7.551476e-05	8.278229e-06	-1.376859e-04	2.322396e-05
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-3.901947e-03	9.865864e-04	-3.061794e-03	-1.127184e-03
## SPNCRNA.995	-5.250864e-05	3.195241e-04	-1.077326e-03	5.513868e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	-2.136983e-04	-3.687719e-04	2.946219e-04	-1.965665e-04
## SPAC637.03	-1.229085e-03	4.642039e-03	-3.287370e-04	-4.153982e-04
## SPAC637.04	2.044792e-03	-2.241264e-04	-7.292930e-04	2.036927e-03
## SPAC637.05c	3.966035e-05	-8.613347e-04	-2.560031e-03	-1.810306e-03
## SPAC637.06	2.980890e-03	5.151136e-03	2.101976e-03	7.812569e-03
## SPAC637.09	-1.777607e-03	9.982101e-04	-3.869638e-03	-5.990612e-03
## SPNCRNA.999	-4.269819e-05	-2.965693e-04	-2.331661e-05	1.078334e-04
## SPAC637.11	2.296666e-03	-1.483074e-03	3.258876e-04	-8.295975e-04
## SPAC637.12c	2.255603e-03	-1.387186e-03	1.154704e-05	-2.387894e-04
## SPNCRNA.1000	-1.741680e-04	-1.524916e-04	-1.649371e-04	1.825981e-04
## SPAC637.13c	-6.867928e-04	-5.788371e-04	-8.807320e-05	7.003280e-04
## SPNCRNA.249	-3.772067e-04	-1.713795e-04	-1.258503e-04	-4.537896e-05
## SPAC31F12.01	5.819902e-03	-2.167310e-04	-1.629413e-03	-4.243860e-03
## SPAC12B10.02c	-2.452551e-04	-2.540387e-03	-1.239451e-03	-2.584619e-03
## SPAC12B10.03	3.322308e-03	-6.946832e-04	2.205286e-03	-5.329087e-04
## SPNCRNA.1001	-2.285781e-05	-1.748683e-04	-2.244321e-04	-6.567888e-04
## SPAC12B10.04	1.484260e-03	-1.489312e-03	-3.478560e-04	6.812110e-04
## SPAC12B10.07	-3.595483e-03	-2.859179e-03	-2.341141e-03	2.883792e-03
## SPAC12B10.08c	8.769069e-04	-3.195281e-04	9.204152e-04	1.955866e-05

## SPAC12B10.09	-5.591138e-04	1.099870e-03	-9.715884e-04	-3.493257e-04
## SPAC12B10.10	5.895742e-04	8.509155e-04	-7.708740e-05	8.878856e-04
## SPNCRNA.1003	-8.341431e-05	1.575850e-04	-1.241592e-04	-3.146337e-04
## SPAC12B10.15c	3.150343e-05	-2.438275e-05	-5.890982e-04	-8.517297e-04
## SPNCRNA.1004	4.175218e-06	-4.277977e-04	-1.886239e-04	3.037676e-04
## SPAC1093.07	1.011702e-03	5.999241e-04	-4.512393e-05	-3.677262e-04
## SPAC1093.01	1.409501e-02	-1.173695e-02	1.204357e-02	-6.951041e-03
## SPAC1093.02	2.038252e-03	-4.938770e-03	3.504444e-03	-2.672712e-03
## SPAC1093.03	1.787760e-03	-2.538978e-03	1.302130e-03	-8.062202e-04
## SPAC1093.04c	-1.505891e-04	-1.222078e-03	-7.363518e-04	2.533893e-04
## SPAC1093.06c	1.014433e-02	4.515290e-04	1.143934e-05	-4.364375e-03
## SPNCRNA.1006	2.179452e-05	1.750089e-06	-1.139757e-04	-2.240541e-04
## SPAC30C2.02	-7.162905e-04	-2.541730e-03	-1.217970e-03	-3.484011e-04
## SPAC30C2.04	-1.008761e-02	4.513876e-03	-4.953942e-04	5.465672e-03
## SPAC30C2.05	1.597036e-03	-1.601035e-03	-1.100302e-04	8.823985e-04
## SPAC30C2.07	1.765018e-03	8.607525e-04	2.990693e-03	1.175275e-03
## SPNCRNA.1008	1.082779e-03	2.206655e-04	-9.709384e-05	-5.525105e-04
## SPAC1635.01	-5.502622e-04	6.871090e-05	-5.617448e-03	-4.532559e-03
## SPNCRNA.1009	9.061837e-05	-6.490375e-05	-1.470743e-04	1.859847e-05
## SPAC144.02	2.579834e-03	4.304347e-04	1.443371e-04	1.118677e-03
## SPAC144.03	-9.008126e-03	-2.527936e-03	-1.006459e-02	-5.620149e-03
## SPAC144.04c	6.966554e-04	-6.978966e-03	-1.122989e-04	2.538100e-03
## SPAC144.05	3.660873e-03	-2.635044e-04	-1.253942e-03	1.348787e-03
## SPAC144.10c	-1.634376e-03	-4.236337e-03	5.592002e-05	2.716231e-03
## SPNCRNA.1013	-7.694751e-05	1.426731e-04	-8.641723e-05	-9.176738e-05
## SPNCRNA.1014	-2.011675e-04	-4.017414e-04	9.104205e-05	2.505665e-04
## SPAC144.12	1.551115e-03	-1.331810e-03	1.725556e-03	-1.339491e-03
## SPAC144.13c	1.256577e-03	1.462345e-03	9.486124e-04	-1.226996e-03
## SPAC144.16	1.107676e-03	-1.327207e-03	1.582571e-05	-2.038162e-04
## SPNCRNA.1016	-4.422610e-04	1.636226e-05	1.584294e-04	3.827796e-04
## SPNCRNA.1017	2.286710e-05	6.002065e-05	-2.921557e-05	-9.478629e-05
## SPAC1834.03c	3.517446e-04	1.120678e-02	9.225143e-03	1.079472e-02
## SPAC1834.04	-2.239778e-02	8.267645e-03	-2.614614e-03	9.927792e-03
## SPAC1834.05	4.321818e-03	6.806364e-04	4.439209e-03	3.833165e-03
## SPAC1834.08	7.598154e-03	-5.160000e-03	-4.480297e-03	-1.514460e-03
## SPATRNATHR.05	2.750824e-03	-3.468832e-03	4.873350e-04	-6.276736e-04
## SPAC1834.10c	2.496053e-03	-3.393004e-04	1.056943e-03	2.275510e-04
## SPAC1834.13	4.290654e-05	-2.930412e-05	-2.641101e-05	5.413165e-06
## SPAC17D4.01	5.738450e-03	1.353453e-02	-7.188521e-04	8.532988e-03
## SPAC17D4.02	6.396063e-04	-1.067374e-03	7.484709e-04	2.136323e-04
## SPAC17D4.04	-1.274195e-03	8.349221e-04	-3.307750e-04	-1.912960e-03
## SPAC458.02c	-5.060204e-03	-1.073376e-03	-8.771403e-03	-3.382631e-04
## SPNCRNA.1019	4.658529e-05	-1.152232e-04	5.525195e-05	-1.436566e-04
## SPAC458.03	3.220143e-03	-2.590449e-03	7.157087e-05	-6.131346e-05
## SPNCRNA.1020	1.824936e-05	-2.656997e-04	2.448110e-04	1.260906e-04
## SPAC458.07	1.595737e-04	9.838187e-04	-7.445017e-04	4.425932e-05
## SPAPYUG7.02c	1.711039e-03	-2.833533e-03	1.529853e-03	-2.857218e-03
## SPNCRNA.1022	-1.120507e-04	-4.503579e-05	9.092175e-05	-4.618773e-04
## SPAC1782.01	4.936206e-03	-2.626066e-03	-3.621208e-03	1.328796e-04
## SPAC1782.03	2.073599e-04	-2.016305e-04	-4.810599e-04	-7.105569e-04
## SPAC1782.06c	-2.169347e-03	-3.712701e-03	1.000914e-03	1.009592e-03
## SPNCRNA.1023	-1.422860e-04	2.758831e-04	2.243980e-04	-5.934587e-05
## SPAC1782.09c	9.135260e-04	9.050390e-04	6.491002e-04	3.766831e-04
## SPAC1782.10c	-6.349160e-03	-1.247629e-02	-1.764988e-04	-6.101310e-04

## SPAC1782.11	1.146889e-03	-4.709709e-03	-1.288023e-03	2.334684e-03
## SPAC11H11.02c	1.856217e-03	-6.232999e-05	-1.163575e-03	4.459212e-04
## SPAC11H11.01	-6.019743e-04	2.012982e-04	-7.183117e-04	1.419713e-04
## SPAC11H11.03c	3.833398e-04	-6.319267e-04	-9.817777e-04	-8.526765e-04
## SPAC11H11.04	2.411493e-05	-4.941363e-05	5.045693e-05	-3.158203e-04
## SPAC11H11.06	3.967902e-04	-1.286369e-02	-8.838931e-03	-8.326406e-05
## SPAC22F8.03c	-1.097774e-05	-6.231042e-06	2.618246e-05	3.613674e-05
## SPAC22F8.07c	1.548030e-03	2.133811e-04	5.012690e-04	-2.438376e-03
## SPAC22F8.08	6.474329e-03	-7.747720e-03	4.605260e-03	-3.056476e-03
## SPAC22F8.11	8.067444e-03	-1.329103e-03	-1.175573e-03	5.481489e-04
## SPAC22F8.12c	1.202528e-03	-1.607531e-04	4.502224e-05	-1.507924e-03
## SPAC20G4.02c	2.543133e-03	-1.343930e-03	1.513045e-03	7.246130e-04
## SPAC20G4.03c	2.699351e-03	-5.078714e-03	-2.152712e-03	-1.583364e-03
## SPAC20G4.04c	7.326488e-04	-1.247083e-03	-5.929311e-04	8.988023e-04
## SPNCRNA.1027	1.017330e-04	1.124672e-03	7.387511e-05	-2.135292e-04
## SPAC20G4.09	1.152771e-04	8.180547e-05	3.697462e-04	7.852840e-05
## SPAC20G4.07c	1.734913e-03	-4.463518e-04	2.894561e-04	-2.430758e-03
## SPAC4F10.03c	2.803239e-03	3.719420e-04	2.350957e-03	-3.098486e-03
## SPAC4F10.04	4.236203e-04	1.952246e-04	2.067225e-05	3.866264e-04
## SPNCRNA.1028	3.536761e-04	-1.679488e-04	-4.056748e-04	-3.078130e-04
## SPAC4F10.08	2.023250e-04	-7.286296e-04	-2.418068e-04	-5.071377e-05
## SPAC4F10.12	2.430017e-03	-5.432378e-05	1.121419e-03	-1.252512e-03
## SPAC4F10.13c	2.175596e-02	5.696816e-03	8.139963e-03	-2.056134e-03
## SPNCRNA.1030	1.683800e-04	-1.433788e-04	2.815063e-04	-5.202455e-05
## SPAC4F10.15c	1.700552e-03	-6.513640e-04	-4.409220e-04	-6.165862e-04
## SPAC4F10.16c	6.263302e-03	-2.473019e-03	4.159437e-03	-3.006226e-03
## SPAC4F10.18	3.392746e-03	1.456310e-03	-3.851935e-04	-1.259150e-03
## SPAC4F10.19c	3.418001e-04	1.138204e-04	3.651802e-04	1.869258e-08
## SPAC19B12.01	-9.440007e-03	-5.191258e-03	3.420720e-04	2.898951e-03
## SPNCRNA.255	6.271211e-05	3.470019e-05	-3.386921e-05	1.160056e-04
## SPAC19B12.03	2.356076e-02	-8.336779e-03	4.036465e-03	-2.163097e-03
## SPNCRNA.1034	-4.367466e-05	-5.945131e-04	-3.523785e-04	-1.855649e-04
## SPAC19B12.04	-1.338669e-02	-2.018360e-02	3.909896e-03	1.761061e-02
## SPAC19B12.07c	9.490827e-04	-7.280575e-04	8.412457e-04	3.513832e-04
## SPAC19B12.10	4.336082e-06	3.037023e-04	-5.037679e-04	-5.645032e-04
## SPAC19B12.12c	8.297592e-04	-4.632979e-04	1.297055e-04	4.069348e-05
## SPAC19B12.13	2.980064e-04	-2.522196e-04	1.192696e-04	7.833983e-05
## SPNCRNA.1035	-9.289746e-05	-3.190628e-04	-2.837164e-04	2.493877e-04
## SPAPB8E5.04c	2.880064e-03	-2.132600e-03	-4.672760e-04	6.250138e-04
## SPAPB8E5.06c	1.817063e-03	-4.790977e-03	1.569901e-02	1.162518e-02
## SPAC1B3.01c	-3.984943e-03	-6.667597e-03	4.443403e-03	4.244386e-03
## SPAC1B3.02c	-2.526288e-03	-2.430203e-03	-1.299674e-03	5.919401e-03
## SPNCRNA.1036	-1.344841e-04	-5.853033e-05	-1.927489e-04	1.423867e-04
## SPAC1B3.03c	5.796806e-04	-3.457626e-02	7.870492e-03	-1.233043e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	-5.017610e-04	-5.843166e-05	2.047844e-04	8.066664e-05
## SPNCRNA.1038	-1.869515e-02	6.593347e-03	-1.945728e-03	3.790847e-02
## SPAC1B3.07c	1.728317e-03	-1.139869e-03	9.595897e-04	8.321123e-06
## SPAC1B3.08	3.361774e-04	-1.784391e-03	1.777523e-03	-7.453738e-04
## SPAC1B3.10c	2.855958e-03	-4.322354e-04	3.803222e-04	5.279933e-04
## SPAC1B3.11c	2.346807e-05	-3.353222e-04	-7.612915e-05	5.054054e-05
## SPAC1B3.20	1.360831e-04	6.946924e-04	-4.955939e-04	5.605579e-04
## SPAC1B3.13	-4.323319e-03	-2.885945e-03	7.267046e-04	-2.816254e-03
## SPAC1B3.15c	-9.393643e-05	-1.134197e-03	2.652363e-04	-3.142391e-04

## SPAC1B3.16c	-1.055314e-02	1.982107e-03	2.694395e-02	-4.851891e-02
## SPNCRNA.1039	5.913539e-05	-7.569918e-06	6.101535e-05	-3.054297e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	2.434335e-03	-2.706490e-04	1.012314e-03	1.387575e-03
## SPAC1952.05	2.291725e-03	-1.529680e-03	2.297769e-03	-1.181395e-04
## SPAC1952.06c	1.997798e-03	7.705827e-04	-1.128429e-05	-1.327262e-03
## SPAC1952.08c	-6.106230e-04	7.796201e-04	-2.253513e-04	-1.220165e-03
## SPAC1952.11c	7.355163e-04	9.928259e-04	-6.630258e-04	-8.046116e-04
## SPAC1952.13	-8.754200e-04	-1.999305e-03	-9.248666e-04	-1.349408e-03
## SPAC1952.14c	1.576106e-03	5.372444e-04	7.154565e-05	2.569520e-04
## SPAC1952.15c	-5.552967e-04	-3.313082e-04	-1.561394e-04	4.365094e-04
## SPAC890.02c	1.224139e-03	-1.034229e-03	-1.636745e-03	5.669350e-04
## SPAC890.05	-1.466122e-04	-6.666500e-04	-1.967827e-03	-2.193439e-04
## SPAC890.07c	-7.858657e-04	-8.851135e-04	3.089821e-03	1.156682e-03
## SPAC890.08	2.025156e-02	2.065285e-03	-1.425966e-03	1.483339e-02
## SPNCRNA.258	-4.248238e-06	1.604488e-04	-2.914373e-05	1.654342e-04
## SPAC22E12.01	1.769981e-03	-3.367259e-04	8.914978e-05	6.413489e-04
## SPAC22E12.02	1.826591e-04	-1.027622e-03	-1.150450e-03	6.512921e-04
## SPAC22E12.03c	2.627478e-03	1.037649e-03	-2.683447e-04	1.456876e-03
## SPAC22E12.05c	6.740329e-04	-5.606135e-03	1.434296e-03	1.793943e-03
## SPAC22E12.06c	4.414025e-03	-6.320236e-04	7.214862e-04	-1.209856e-04
## SPAC22E12.07	-7.847160e-03	-6.886380e-03	1.332477e-03	-2.816116e-03
## SPAC22E12.08	1.788045e-04	-7.002127e-04	-3.280228e-04	-2.504063e-04
## SPAC22E12.11c	4.171289e-03	3.045286e-04	-2.515601e-03	-3.318310e-03
## SPAC22E12.14c	1.534684e-03	-5.180319e-04	6.720247e-03	-5.114950e-04
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	4.301920e-04	4.603185e-06	1.357447e-03	-9.397681e-04
## SPAC1006.05c	8.176800e-04	6.644839e-04	9.245245e-04	2.479994e-03
## SPAC1006.06	5.550391e-03	-7.350338e-04	-2.236001e-03	-3.041570e-03
## SPAC1006.07	-4.328470e-02	-7.652163e-02	4.768959e-02	8.008839e-02
## SPAC1006.08	-1.299495e-03	-7.985258e-04	-8.148052e-04	2.147352e-03
## SPAC1006.09	6.542815e-03	7.712415e-04	-1.451781e-05	-9.921881e-04
## SPAC1250.05	2.170206e-03	-1.458430e-03	-2.568650e-03	-3.551062e-03
## SPAC1250.04c	-1.875633e-04	6.696621e-04	-1.059805e-04	-8.578327e-04
## SPAC1250.03	1.459265e-04	-6.215693e-04	-6.671781e-04	-4.426518e-04
## SPAC1250.02	-8.895662e-05	8.599684e-05	2.970569e-04	-9.276439e-05
## SPNCRNA.1046	-7.302756e-05	7.490100e-07	-4.182149e-05	-2.221581e-05
## SPAC29A4.20	1.464376e-04	-1.084097e-03	-5.377130e-04	8.733322e-04
## SPAC29A4.19c	2.908063e-03	-3.222561e-03	3.101632e-03	-2.201682e-03
## SPAC29A4.17c	-6.155193e-04	-2.887958e-05	-2.369677e-06	5.950097e-05
## SPAC29A4.16	1.470806e-02	-1.835532e-03	7.243012e-03	4.182116e-03
## SPAC29A4.15	-4.884199e-03	-4.623027e-03	-5.393709e-03	8.616753e-03
## SPNCRNA.1047	3.090818e-04	-5.552004e-06	-1.490529e-04	-1.861643e-04
## SPAC29A4.12c	5.223703e-05	2.832016e-04	8.908711e-05	-1.276639e-04
## SPAC29A4.09	7.499302e-04	2.823480e-04	-1.309722e-03	1.769794e-04
## SPAC29A4.08c	-3.177622e-03	-2.104168e-03	-4.124599e-04	-2.157077e-03
## SPAC29A4.07	1.148192e-03	-2.407045e-04	-7.296889e-04	-1.303217e-03
## SPAC29A4.06c	1.442014e-03	8.250017e-05	1.642889e-04	-7.622227e-04
## SPAC29A4.04c	-8.906908e-03	-8.435818e-03	-1.791617e-03	8.218990e-03
## SPAC29A4.02c	1.078401e-02	-3.002547e-03	-3.665053e-03	1.445296e-03
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	3.178912e-04	2.724012e-03	-2.084971e-03	4.936419e-03
## SPSNORNA.16	9.248076e-03	-5.625634e-02	-3.063222e-02	3.029993e-02
## SPAC26F1.13c	-1.383834e-02	-3.164661e-03	1.857385e-03	6.173817e-03

## SPAC26F1.11	-2.816999e-04	5.008582e-05	-1.966401e-04	3.543453e-04
## SPAC26F1.07	-1.783437e-02	-2.891895e-02	1.622461e-02	4.732187e-03
## SPAC26F1.05	-5.635098e-04	5.800453e-04	1.927238e-04	-4.969720e-04
## SPNCRNA.1056	1.203332e-04	-4.007074e-05	-2.729896e-05	-1.528685e-04
## SPAC26F1.04c	-5.506109e-04	-4.389749e-03	1.535641e-03	5.664721e-05
## SPAC26F1.03	-2.202774e-02	3.978446e-03	-1.062296e-02	4.418639e-03
## SPAC26F1.01	2.987030e-03	4.088519e-04	1.556034e-03	-4.856810e-04
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	9.078992e-05	-7.021150e-05	-7.427657e-05	2.251656e-04
## SPAC19D5.01	-2.608353e-02	-5.865802e-03	-8.107487e-03	1.300001e-02
## SPAC19D5.02c	8.913880e-04	-1.587567e-03	9.208842e-04	1.961570e-03
## SPAC19D5.04	1.676091e-02	-1.327917e-02	1.153323e-03	-5.837518e-03
## SPAC19D5.05c	6.781729e-04	-1.171856e-03	-5.422422e-04	-8.088290e-04
## SPAC19D5.11c	-9.797025e-05	-1.142602e-04	1.387668e-05	3.577840e-05
## SPNCRNA.1060	-6.116144e-04	-2.227241e-04	-1.452180e-04	-1.210965e-04
## SPAC14C4.01c	8.178331e-04	1.320926e-03	-1.815492e-03	-8.970682e-04
## SPAC19D5.07	9.107998e-05	-5.331322e-05	-3.099836e-04	-4.357450e-04
## SPNCRNA.1062	-4.976269e-06	-6.426547e-05	-2.492281e-04	-2.661445e-04
## SPAC14C4.03	1.311482e-04	1.728462e-04	-1.394189e-04	-3.141204e-04
## SPAC14C4.04	6.445381e-04	-1.997042e-03	-5.560554e-04	-1.757970e-03
## SPAC14C4.05c	4.809470e-04	5.579757e-04	-2.578859e-05	-1.044205e-03
## SPAC14C4.07	6.610287e-03	1.607753e-04	1.804767e-03	-9.419137e-05
## SPAC14C4.08	-1.410398e-04	2.773532e-04	6.030481e-04	-6.732935e-05
## SPAC14C4.09	5.300462e-03	6.171584e-03	2.895221e-03	2.504414e-03
## SPAC14C4.10c	1.006929e-04	-1.618683e-04	2.352872e-04	-6.586130e-04
## SPAC14C4.11	-6.889118e-03	-1.116023e-02	2.090866e-03	5.433108e-03
## SPNCRNA.261	-7.928639e-05	4.268407e-04	-1.515849e-04	2.619052e-04
## SPAC14C4.13	3.658029e-03	7.569037e-04	-1.302090e-05	6.822381e-04
## SPAC14C4.14	8.400596e-03	-1.044638e-02	-3.873144e-03	-4.243472e-03
## SPAC14C4.15c	2.372304e-03	1.278639e-03	1.509095e-03	-1.784129e-03
## SPAPJ760.03c	-7.661512e-04	-4.227564e-04	1.976234e-03	2.232839e-03
## SPNCRNA.1064	-2.128090e-05	-5.761406e-05	1.323922e-04	-2.052437e-04
## SPAC2H10.02c	1.700849e-04	7.872908e-04	4.225222e-04	1.863071e-04
## SPAC11E3.03	1.109659e-03	3.400431e-04	-5.338393e-04	8.672316e-05
## SPAC11E3.04c	-1.573719e-03	-3.692934e-04	4.875862e-04	-9.199981e-04
## SPAC11E3.07	4.296240e-03	-1.436105e-03	-4.472773e-04	-7.735880e-03
## SPAC11E3.08c	-5.125819e-05	-7.468085e-04	-8.269564e-05	2.610330e-04
## SPAC11E3.12	1.348916e-03	1.184016e-03	1.003106e-03	-1.502580e-03
## SPAC11E3.13c	2.609233e-03	3.054720e-03	-2.500205e-03	2.186995e-03
## SPNCRNA.1068	1.907564e-04	1.485130e-04	-3.044629e-04	-7.823536e-05
## SPAC11E3.15	-2.083977e-02	-6.004247e-02	8.734707e-03	1.686097e-02
## SPNCRNA.1070	3.476069e-04	-1.616837e-04	-2.404644e-05	-7.379161e-05
## SPAP8A3.05	1.267664e-03	6.703620e-04	-1.196993e-03	7.830464e-04
## SPAP8A3.06	-6.334934e-04	-4.343329e-03	-6.012190e-04	-3.205210e-03
## SPNCRNA.525	-5.916118e-05	-6.686805e-05	2.961865e-04	-7.886119e-05
## SPNCRNA.1073	1.271607e-05	4.515964e-04	-2.492242e-04	-3.208633e-04
## SPAP8A3.10	3.805551e-03	-6.383572e-04	-1.639967e-04	-9.010458e-04
## SPAP8A3.12c	-2.803477e-04	-2.580133e-03	-3.468836e-03	1.651832e-02
## SPAP8A3.13c	4.613858e-03	1.997182e-04	2.234952e-03	-7.472934e-04
## SPAC4D7.01c	-1.719720e-05	-3.976402e-03	-3.214425e-04	-2.208474e-03
## SPNCRNA.1075	9.587103e-05	-1.681922e-04	-1.111690e-04	1.470930e-04
## SPAC4D7.04c	9.385518e-04	-3.905623e-03	-2.194194e-03	-1.530795e-03
## SPAC4D7.05	-9.964956e-03	-8.901284e-03	6.298921e-03	1.061519e-02

## SPAC4D7.06c	5.049305e-04	-1.754166e-03	-1.009117e-03	1.939483e-04
## SPNCRNA.1077	1.864435e-04	1.639342e-04	3.620789e-04	-1.628413e-04
## SPAC4D7.07c	2.275142e-03	-8.128913e-04	2.020279e-04	-9.608468e-04
## SPAC4D7.08c	5.377251e-03	-8.845773e-03	6.387068e-03	9.290616e-03
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	-1.990595e-04	-6.441216e-05	-3.414841e-05	-2.177682e-05
## SPAC4D7.09	-5.107893e-03	-6.542920e-04	1.120153e-03	3.408460e-03
## SPAC4D7.14	1.532835e-04	3.727139e-04	2.262427e-04	-3.707055e-04
## SPAC3G6.04	1.808357e-03	-5.140854e-04	-9.483492e-04	-8.091478e-04
## SPAC3G6.06c	9.445851e-04	5.682857e-04	-1.625324e-03	5.307781e-04
## SPAC3G6.07	9.831897e-04	-5.919823e-04	-1.070266e-04	1.820395e-04
## SPAC3G6.11	2.709456e-03	1.529536e-03	2.616141e-03	9.767343e-04
## SPAC3G6.13c	4.442764e-02	-3.884200e-02	1.997833e-02	-1.382549e-02
## SPNCRNA.267	1.857220e-04	-6.563522e-06	-3.278032e-05	-1.310946e-04
## SPAC29B12.02c	6.272381e-03	1.924123e-03	6.932424e-04	-8.492100e-04
## SPAC29B12.04	-1.315942e-02	7.236645e-03	4.153861e-03	-1.438125e-02
## SPAC29B12.05c	2.681692e-04	2.568827e-04	-3.519631e-04	-4.324269e-04
## SPNCRNA.1081	-2.027505e-04	-7.396500e-04	-1.487222e-04	2.328484e-04
## SPAC29B12.06c	3.141432e-03	-1.805550e-05	2.255156e-03	-1.317035e-04
## SPAC29B12.07	1.193885e-02	-2.783042e-03	-4.316387e-04	-1.544687e-03
## SPNCRNA.1082	1.953587e-04	-3.402280e-04	-1.132795e-04	-3.545432e-04
## SPNCRNA.270	1.956989e-05	-4.396909e-05	-6.160518e-05	-3.417658e-05
## SPAC29B12.08	5.830241e-03	-9.239084e-04	1.437931e-03	-1.267993e-03
## SPAC29B12.10c	1.838541e-02	2.925901e-04	9.411466e-03	-7.272941e-05
## SPAC29B12.11c	3.364420e-03	-3.806070e-04	1.625889e-03	-2.854297e-03
## SPATRNASER.04	3.802372e-03	-6.190512e-03	3.009937e-03	3.590448e-03
## SPAC29B12.13	-2.489313e-05	6.415139e-04	-2.140682e-04	3.441673e-04
## SPNCRNA.271	2.674438e-05	5.019773e-05	1.522735e-05	-4.233305e-06
## SPNCRNA.272	-1.559141e-05	3.031837e-05	-3.017176e-05	-3.293008e-05
## SPAC1039.01	2.945645e-03	1.177771e-03	-1.686580e-05	-3.731581e-04
## SPAC1039.02	7.349918e-03	1.098484e-02	1.378263e-02	1.382447e-02
## SPAC1039.03	1.946573e-03	5.640900e-04	3.542659e-04	-1.221151e-03
## SPAC1039.05c	1.460859e-03	2.495743e-03	1.813717e-03	5.219319e-04
## SPNCRNA.1084	8.013127e-05	1.066219e-04	-7.757079e-05	-4.881802e-05
## SPAC1039.06	6.203842e-05	-1.655345e-03	-9.944754e-04	-7.416426e-04
## SPNCRNA.1085	6.597996e-05	3.176675e-05	-7.223245e-05	-1.629247e-05
## SPAC1039.08	3.996232e-04	2.898048e-05	-7.234136e-04	-7.165690e-04
## SPNCRNA.1086	4.137601e-05	-8.705154e-05	-9.167427e-05	-2.350239e-04
## SPNCRNA.275	-5.498689e-07	5.452463e-05	9.894679e-05	-6.863109e-05
## SPAC1039.09	5.341833e-04	-7.906868e-04	-2.426745e-04	-1.276815e-04
## SPAC1039.11c	-1.976611e-04	6.912878e-04	-9.315103e-04	-1.941357e-04
## SPNCRNA.1087	3.197477e-04	2.348031e-04	-1.254933e-03	3.500348e-04
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-2.037109e-04	7.893553e-05	-1.604037e-06	-5.155656e-04
## SPNCRNA.1089	3.927898e-05	8.832501e-05	-2.238029e-04	4.969857e-05
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	2.072477e-02	7.749466e-04	9.901874e-03	1.100579e-02
## SPNCRNA.278	-2.490963e-05	2.201032e-04	2.127344e-04	-3.631193e-05
## SPAC922.06	-1.449148e-05	-1.000895e-03	-4.338078e-05	2.120399e-04
## SPAC922.07c	-3.798597e-04	-9.249337e-04	-7.180563e-04	-1.171534e-03
## SPNCRNA.1090	3.090532e-04	-1.786779e-04	-6.699733e-05	-2.581702e-04
## SPNCRNA.1091	1.275777e-04	1.940099e-04	-3.185067e-04	-7.131137e-05
## SPNCRNA.1093	-8.682358e-05	2.713890e-05	5.171791e-06	4.973584e-05
## SPAC869.06c	8.527793e-05	6.448587e-05	-4.109229e-04	7.823859e-04

## SPNCRNA.279	-3.752977e-05	1.991381e-05	-4.291627e-06	-3.476492e-05
## SPAC869.05c	-4.508208e-04	1.295397e-03	-9.366598e-04	2.319742e-04
## SPAC869.04	3.147568e-06	1.208370e-05	-2.685405e-05	-1.964787e-05
## SPAC869.03c	-9.123029e-05	5.677383e-05	-4.482685e-05	1.375910e-04
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	9.051174e-05	-1.578064e-04	2.425406e-05	7.752987e-05
## SPAC869.02c	-6.640953e-03	5.363026e-05	5.853936e-04	6.700487e-03
## SPAC869.01	-1.242762e-04	2.774628e-05	1.191694e-05	1.216375e-04
## SPAC186.01	-3.642425e-04	9.053512e-04	6.970571e-04	7.305846e-04
## SPNCRNA.96	1.238888e-05	-1.477841e-05	-2.617730e-05	2.598045e-05
## SPAC186.03	-1.818831e-06	-1.657525e-05	1.864464e-06	9.087227e-05
## SPAC186.04c	2.587236e-04	-8.962136e-05	-1.630138e-04	-8.007513e-06
## SPAC186.06	9.015700e-05	-7.740781e-05	2.373107e-04	1.608224e-05
## SPNCRNA.310	1.245610e-06	-1.590693e-06	-7.446202e-06	-9.982124e-06
## SPAC750.01	-9.408647e-04	-1.313226e-03	6.219662e-04	-1.101600e-04
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	4.877354e-05	2.597007e-05	-4.945265e-05	1.561620e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	-4.161897e-05	3.674180e-05	-4.730149e-05	4.261529e-05
## SPAC212.08c	6.031805e-05	-4.139935e-05	-6.481738e-05	1.835425e-04
## SPAC212.07c	-1.825853e-04	-6.727722e-05	5.098962e-05	6.846553e-05
## SPAC212.06c	-9.088315e-05	1.657309e-05	5.353536e-05	-3.581479e-05
## SPAC212.05c	1.465249e-05	2.179621e-05	1.021705e-05	-4.935947e-05
## SPAC977.01	1.199231e-05	1.229135e-05	-1.376987e-05	-2.175420e-05
## SPAC977.18	2.436145e-05	-9.170922e-06	1.214687e-05	2.568824e-05
## SPAC977.02	-4.066481e-05	2.966936e-05	-2.154326e-05	6.079796e-05
## SPAC977.06	2.573772e-05	4.332115e-05	5.578360e-05	2.704266e-05
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	2.483876e-04	-5.995152e-04	-1.629240e-04	6.989182e-04
## SPAC977.10	1.065994e-03	-4.597591e-03	-1.942930e-03	2.042147e-03
## SPAC977.12	2.549464e-03	-1.087872e-03	5.098512e-03	1.703203e-03
## SPAC977.14c	-1.314918e-02	-7.189270e-03	1.483926e-03	-2.570614e-03
## SPAC977.17	1.053847e-03	1.502535e-03	-6.925845e-04	5.090043e-04
## SPNCRNA.137	1.343041e-05	2.863376e-05	-5.029759e-05	-4.441988e-05
## SPNCRNA.83	3.788300e-04	-4.512418e-04	-3.036589e-04	3.451939e-04
## SPAPJ695.02	7.053871e-06	-8.485823e-05	-1.528531e-04	1.063154e-06
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-2.074463e-05	1.500473e-04	-6.716985e-05	2.988054e-04
## SPAC1F8.02c	-8.715035e-05	-2.585657e-05	-1.460375e-05	3.250432e-05
## SPAC1F8.03c	5.516962e-03	-1.197501e-02	1.078873e-02	7.642276e-03
## SPNCRNA.604	-3.321622e-05	-5.744658e-04	5.536188e-05	2.790531e-05
## SPNCRNA.139	-2.561188e-06	-3.858980e-06	-6.897982e-06	1.769991e-06
## SPNCRNA.605	3.150666e-03	-1.171974e-04	7.571953e-04	3.449568e-04
## SPAC1F8.04c	-4.194643e-04	-7.869664e-05	-4.627777e-04	2.123569e-04
## SPNCRNA.606	1.339384e-05	-4.748769e-05	7.661314e-05	-2.771382e-04
## SPAC1F8.05	5.180735e-04	-3.042746e-04	1.173053e-04	9.826558e-04
## SPAC1F8.07c	1.655567e-01	-4.264972e-02	-1.634436e-02	2.736484e-02
## SPAC11D3.04c	-7.292605e-04	-3.084160e-03	-2.624929e-03	9.798899e-04
## SPAC11D3.06	-5.112670e-04	9.687776e-04	-4.014638e-04	-1.072220e-03
## SPAC11D3.09	-2.590011e-04	4.005785e-04	7.291317e-04	-1.281612e-03
## SPAC11D3.10	6.229142e-04	-4.065700e-04	-8.376443e-04	1.465512e-04
## SPAC11D3.13	1.731978e-03	-4.008804e-03	2.507214e-03	8.939899e-04
## SPAC11D3.15	6.272623e-03	-3.018210e-03	-1.326892e-03	-2.358981e-03
## SPAC11D3.17	1.900689e-03	5.977487e-04	-1.573665e-04	-1.501994e-03

## SPNCRNA.611	7.329377e-04	2.403133e-04	-5.704095e-04	3.367320e-04
## SPAC5H10.02c	2.481665e-04	1.720708e-04	-1.708483e-04	7.959549e-04
## SPNCRNA.613	-2.552453e-04	-8.192556e-05	1.332632e-04	-1.972983e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-1.084409e-03	-6.339513e-05	-4.133799e-04	-6.496997e-04
## SPAC5H10.07	-1.930447e-04	-2.708766e-06	2.414531e-04	-5.531278e-05
## SPNCRNA.614	-2.391797e-04	1.460934e-04	-2.351847e-04	-2.868607e-04
## SPNCRNA.615	6.715080e-05	2.883240e-05	-1.925512e-05	-1.290809e-04
## SPNCRNA.616	-3.622103e-04	-1.282514e-04	3.682844e-04	1.927745e-04
## SPAC13G6.02c	-3.255688e-02	-3.068388e-02	2.413549e-02	1.831950e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-8.471205e-04	-3.082975e-03	3.243852e-04	-1.211962e-03
## SPAC13G6.05c	-3.083815e-04	2.544541e-04	2.065702e-05	-8.482286e-04
## SPAC13G6.06c	6.045603e-03	4.568245e-04	2.074692e-03	1.554270e-04
## SPAC13G6.07c	-5.103363e-02	9.305891e-03	8.673327e-03	1.410961e-03
## SPAC13G6.08	4.096624e-04	-1.007255e-04	-8.227190e-05	8.907842e-04
## SPNCRNA.619	-2.656340e-04	-1.166993e-04	-7.154525e-04	-5.259648e-04
## SPAC13G6.09	1.377753e-03	-3.687278e-04	2.485720e-03	-1.702494e-03
## SPAC13G6.10c	4.441288e-02	-6.642871e-03	5.566171e-03	-1.357954e-02
## SPAC13G6.11c	2.421789e-03	2.824248e-03	9.300645e-04	-1.689771e-03
## SPAC13G6.12c	-5.846675e-04	-1.295003e-03	1.707870e-03	-1.819618e-03
## SPAC13G6.13	1.953442e-05	-3.341668e-05	2.265375e-05	-1.165597e-05
## SPAC24B11.06c	3.166061e-03	-2.814336e-03	-1.828991e-03	-2.275976e-03
## SPNCRNA.622	1.226812e-03	-2.171691e-03	-7.567335e-04	2.202271e-04
## SPAC24B11.07c	3.161226e-03	-1.348625e-03	1.544472e-04	-1.659527e-03
## SPNCRNA.623	5.962384e-04	4.847389e-04	9.849013e-05	5.368689e-04
## SPAC24B11.10c	3.599469e-03	7.366982e-04	7.678924e-04	-1.973096e-03
## SPAC24B11.14	2.985581e-04	-1.672057e-04	1.844038e-04	6.395507e-04
## SPAC24B11.13	3.516161e-03	7.163556e-04	-1.167353e-03	2.678566e-03
## SPAC806.03c	-2.534731e-03	-8.291789e-03	3.062335e-03	-7.887989e-04
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	3.357643e-04	2.368163e-03	-4.862597e-03	-1.402558e-03
## SPAC806.05	4.947426e-05	2.304026e-03	-1.481237e-03	-1.198705e-03
## SPNCRNA.629	-2.457550e-04	-2.696067e-04	1.273849e-04	6.451209e-05
## SPAC806.08c	2.081130e-03	-2.164511e-04	2.113308e-04	-5.976767e-04
## SPAC1639.01c	6.869922e-03	-5.026346e-03	3.599858e-04	2.625837e-03
## SPAC1639.02c	4.445132e-03	6.491825e-04	4.576968e-03	4.754145e-04
## SPNCRNA.631	-9.141540e-06	2.351753e-05	-1.174072e-05	-1.499673e-05
## SPAC1F5.10	-1.490957e-03	-3.166621e-05	-1.304188e-03	3.379839e-03
## SPNCRNA.634	2.760156e-04	3.245395e-04	-3.741478e-04	-6.393025e-04
## SPAC1F5.09c	-2.781539e-04	-5.946641e-05	7.282304e-05	8.204958e-05
## SPAC1F5.08c	1.256358e-03	-1.020308e-03	1.618401e-03	-1.672207e-03
## SPAC1F5.06	4.696292e-03	-2.380061e-04	-1.244955e-03	-3.222055e-03
## SPAC1F5.05c	-2.831686e-04	-9.362416e-04	-1.685116e-04	1.044308e-04
## SPAC1F5.03c	3.057325e-03	-5.355088e-03	1.171825e-03	-5.047298e-04
## SPAC18B11.11	5.235442e-03	2.114438e-04	3.529387e-04	8.528188e-04
## SPAC18B11.06	2.594914e-04	-2.057094e-03	-2.914520e-03	-1.136645e-03
## SPAC18B11.05	1.726574e-03	-1.265210e-03	-7.567142e-04	-8.045692e-04
## SPAC18B11.03c	5.655390e-04	-7.296661e-04	-6.444637e-05	3.469346e-04
## SPAC12G12.16c	1.005038e-03	-1.043582e-03	-6.341357e-04	-3.890233e-04
## SPAC12G12.13c	2.313046e-03	-1.008437e-03	-4.882261e-04	-1.299629e-03
## SPAC12G12.12	1.579906e-03	-2.020785e-03	1.967571e-03	9.072295e-04

## SPAC12G12.11c	1.308957e-03	-1.401784e-03	1.024942e-03	-1.565800e-03
## SPAC12G12.17	1.219099e-03	8.474436e-04	1.414681e-03	1.250031e-05
## SPAC12G12.08	6.321998e-05	-3.936811e-04	-6.111701e-04	-1.766295e-03
## SPAC12G12.07c	1.620065e-04	-6.897221e-03	-3.750034e-03	2.480555e-03
## SPAC12G12.05c	1.106778e-03	-2.461610e-03	1.417848e-03	2.603720e-05
## SPSNORNA.29	-1.689229e-02	8.254778e-03	-7.038599e-03	-5.821618e-03
## SPAC12G12.04	-2.963408e-02	-5.202950e-02	2.431307e-02	-3.259980e-02
## SPAC12G12.02	-5.770931e-04	1.177538e-04	4.367587e-04	-1.960692e-03
## SPNCRNA.640	1.796607e-04	-2.443189e-04	-3.584427e-05	1.931915e-04
## SPAC12G12.01c	2.578687e-03	-5.204642e-04	-3.358335e-03	1.442016e-04
## SPAC630.04c	2.221403e-04	-7.473316e-04	2.775259e-04	-7.425094e-04
## SPAC630.03	4.212108e-04	-3.433380e-03	-3.797630e-03	-3.479366e-03
## SPAC630.06c	3.494222e-04	1.324895e-03	1.336788e-03	-8.209455e-04
## SPAC630.07c	3.820765e-04	-6.051651e-04	2.323605e-04	1.251748e-03
## SPNCRNA.641	1.408370e-04	-5.393270e-06	-1.793751e-04	2.571805e-04
## SPAC630.08c	1.363678e-02	-1.153829e-02	-2.877930e-04	2.664341e-03
## SPNCRNA.642	-1.308100e-04	-1.053085e-04	-1.400647e-05	-1.804988e-04
## SPAC630.09c	-8.060595e-04	-5.548660e-04	-1.961138e-03	3.005659e-04
## SPAC630.10	8.974080e-04	-8.648687e-04	5.661001e-04	-9.720088e-04
## SPAC1751.03	-6.716369e-03	-6.298038e-03	9.075606e-03	4.922886e-03
## SPAC31A2.05c	-1.522227e-06	-8.901296e-04	-7.363706e-04	2.889620e-04
## SPAC31A2.08	1.633119e-04	-2.139471e-03	4.638521e-04	-1.851384e-03
## SPAC31A2.10	7.751127e-07	-1.493913e-03	-5.136344e-04	6.165942e-04
## SPAC31A2.15c	1.758399e-03	-2.623572e-03	-2.386998e-03	-1.186120e-03
## SPAC13C5.02	1.001818e-03	-3.050129e-04	-1.266858e-03	-1.119268e-03
## SPAC13C5.03	8.403011e-04	2.928127e-05	2.616380e-04	2.398893e-04
## SPSNORNA.01	-1.241154e-02	-1.187514e-02	-5.367698e-03	2.493708e-02
## SPNCRNA.646	-4.117392e-04	-1.189901e-03	-2.638586e-04	5.141572e-04
## SPAC13C5.07	-1.084528e-02	1.714086e-03	1.487346e-03	7.794218e-03
## SPNCRNA.647	-9.199872e-05	3.711946e-04	-6.204216e-04	-9.576964e-04
## SPNCRNA.648	6.815523e-04	-3.030338e-04	1.523976e-04	-9.900571e-05
## SPAC23E2.01	1.727033e-03	3.849143e-03	-2.166772e-04	-6.242221e-03
## SPNCRNA.649	-1.444438e-04	2.689787e-05	-5.858340e-05	1.537641e-04
## SPAC23E2.03c	7.663122e-04	3.519263e-04	-2.574740e-04	-3.925604e-04
## SPNCRNA.650	1.307052e-04	1.353921e-04	8.637502e-07	8.840453e-05
## SPAC24H6.13	1.689927e-02	9.334924e-03	1.029366e-02	9.162660e-04
## SPNCRNA.651	1.502894e-04	-3.228133e-04	4.521754e-04	2.001853e-04
## SPAC24H6.10c	1.314720e-02	-9.774130e-03	5.103724e-03	1.415237e-03
## SPAC24H6.08	3.935892e-05	7.869774e-04	-7.485021e-05	-4.065698e-04
## SPAC24H6.05	3.216544e-03	1.125083e-03	1.530246e-03	-3.009254e-03
## SPAC24H6.03	8.440711e-04	-4.642281e-04	-1.076550e-03	-9.829971e-04
## SPNCRNA.47	2.560948e-04	1.352349e-04	1.983649e-04	-1.111342e-04
## SPAPB21F2.02	8.889623e-03	-6.197142e-04	3.447552e-03	1.945039e-03
## SPAPB21F2.03	8.906322e-04	-1.601238e-03	8.486448e-05	5.330836e-05
## SPAC227.01c	1.655309e-03	-1.723885e-03	-2.017391e-04	-3.509657e-05
## SPAC227.02c	2.340119e-03	1.841343e-04	1.490159e-03	-1.703801e-04
## SPAC227.03c	1.261094e-03	3.642375e-04	6.680607e-04	-6.840235e-04
## SPNCRNA.656	-2.725027e-05	-5.457253e-05	-4.746440e-05	-2.489712e-04
## SPAC227.04	3.063074e-05	8.432915e-05	5.756020e-04	-3.129253e-04
## SPNCRNA.658	-5.297542e-04	-2.379505e-04	-1.514950e-05	5.808047e-05
## SPAC227.14	1.712448e-04	1.586808e-03	1.411456e-03	-4.987379e-04
## SPAC227.15	5.359385e-03	-1.925445e-03	1.029399e-03	-4.753695e-03
## SPNCRNA.659	7.288464e-04	7.564307e-04	-4.049949e-04	3.430568e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC227.17c	-9.064046e-04	2.532920e-03	-7.277476e-04	-3.136437e-03
## SPAC227.18	-3.292899e-03	-7.167505e-06	-2.276790e-03	-1.098375e-02
## SPAC2F7.02c	3.866222e-03	1.384983e-04	2.406531e-04	7.931921e-05
## SPAC2F7.03c	3.502690e-03	-6.203385e-04	-1.109950e-03	2.388717e-05
## SPAC2F7.05c	-2.067424e-02	-3.942036e-03	-2.260861e-02	-5.218368e-03
## SPAC2F7.06c	2.383586e-04	-9.522834e-05	-1.684530e-04	-9.356706e-05
## SPAC2F7.07c	2.610106e-03	-2.168840e-03	-1.795596e-03	1.582387e-03
## SPAC2F7.08c	2.241910e-03	1.630526e-03	4.593841e-04	-3.170531e-04
## SPAC2F7.09c	2.886035e-03	9.098599e-05	4.997546e-04	-1.551593e-03
## SPAC2F7.10	1.075701e-03	-2.716351e-03	6.977064e-04	-2.083811e-03
## SPAC2F7.11	4.595498e-03	-3.441369e-03	-2.839186e-03	-1.828542e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-2.083993e-04	2.208591e-04	-1.980439e-03	-5.112329e-05
## SPAC2F7.16c	7.380746e-03	2.284544e-04	1.229275e-03	6.987496e-04
## SPAC2F7.17	-9.596668e-04	1.712828e-03	-4.418672e-04	7.232864e-04
## SPAC13A11.02c	-2.740492e-03	-7.430882e-03	-6.344777e-03	4.752884e-04
## SPNCRNA.155	8.641688e-05	2.480080e-05	-6.881765e-05	-4.609006e-05
## SPNCRNA.662	1.263621e-04	1.434633e-06	-4.375346e-05	5.427724e-05
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-3.589831e-04	5.078433e-04	8.474488e-04	-1.458976e-04
## SPAC3H8.05c	4.427303e-03	-2.417933e-03	-2.067411e-03	-2.250240e-03
## SPNCRNA.664	2.414557e-04	1.862481e-04	-3.864134e-05	-3.531843e-04
## SPNCRNA.665	-2.016297e-04	-2.140602e-04	-5.358444e-05	7.301744e-05
## SPAC3H8.06	9.860391e-04	-5.807291e-03	2.031473e-03	-1.632038e-03
## SPAC3H8.07c	3.778950e-04	3.345716e-04	-7.675510e-04	-1.256712e-04
## SPNCRNA.666	1.012719e-03	5.160398e-05	1.777254e-03	-1.235213e-04
## SPAC3H8.09c	5.033897e-03	-3.661401e-03	1.459889e-04	-3.904652e-04
## SPAC1F3.07c	2.630395e-03	1.081227e-03	-7.007792e-04	-8.019056e-04
## SPNCRNA.668	1.436788e-04	-3.865723e-06	4.925577e-04	-3.607415e-04
## SPAC1F3.08c	-9.391187e-07	1.113311e-05	-2.381604e-06	-1.933957e-05
## SPAC1F3.09	7.475397e-03	-4.632974e-03	9.669347e-03	2.762808e-03
## SPNCRNA.669	2.639245e-04	-2.051318e-04	-1.363751e-04	-5.918347e-04
## SPAC1F3.10c	1.021129e-03	7.559593e-04	5.977924e-04	5.784601e-04
## SPAC1D4.04	-2.276053e-03	1.453852e-05	-8.511306e-04	1.293163e-03
## SPAC1D4.06c	-1.851254e-04	2.679556e-04	1.435505e-04	1.079774e-04
## SPAC1D4.08	4.607131e-03	-3.374315e-03	4.376096e-03	-2.505878e-03
## SPAC1D4.09c	9.955550e-04	-7.441281e-04	1.342818e-04	-6.437984e-04
## SPAC1D4.11c	7.822347e-03	8.509987e-04	-3.582782e-05	-1.328319e-03
## SPNCRNA.672	4.629968e-04	3.036024e-04	2.950225e-04	1.848235e-04
## SPNCRNA.673	-1.575846e-05	1.780181e-04	6.100531e-06	-1.304318e-04
## SPAC1D4.13	1.470423e-03	1.434108e-04	2.291249e-04	9.263580e-04
## SPNCRNA.674	4.748614e-04	4.002533e-04	-3.840316e-05	9.556129e-05
## SPAC22F3.12c	5.939527e-04	1.860793e-04	-1.148362e-03	-2.102167e-04
## SPAC22F3.09c	-5.328350e-04	2.056162e-04	-1.648031e-04	6.064143e-04
## SPAC22F3.15	-1.945021e-04	-7.395634e-04	5.587165e-04	-2.061066e-04
## SPAC22F3.06c	6.877175e-03	2.941043e-03	-7.346851e-03	-8.763996e-04
## SPAC22F3.04	-1.022034e-04	5.073072e-05	2.313240e-05	8.654634e-05
## SPATRNAVAL.02	5.805973e-03	-9.687355e-03	8.667996e-02	4.634201e-02
## SPAC22F3.02	-4.514839e-04	9.144947e-05	-2.779714e-04	-2.407137e-04
## SPAC1296.01c	2.470459e-04	-4.566899e-03	-6.968022e-04	3.172600e-04
## SPAC1296.02	-3.001633e-04	-3.576966e-03	2.413008e-03	3.756703e-03
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	2.619086e-03	1.525922e-03	3.276497e-05	3.099717e-05
## SPAC1296.06	-3.612298e-04	-4.835579e-04	-8.019765e-04	3.189189e-05

## SPAC22G7.02	2.625170e-03	2.390232e-03	1.719374e-03	1.993815e-03
## SPAC22G7.04	-1.274108e-03	-1.518658e-03	-3.944318e-04	3.191234e-03
## SPAC22G7.06c	-4.899246e-02	-4.891084e-02	3.356629e-02	1.434287e-02
## SPAC22G7.07c	2.574357e-04	-8.791351e-05	-1.198904e-04	-5.221495e-04
## SPAC22G7.08	-9.735247e-04	-3.885323e-04	-2.587734e-04	-7.132794e-04
## SPAC22G7.11c	7.578352e-04	-1.227540e-05	6.364262e-04	4.887664e-04
## SPNCRNA.679	1.996244e-04	-1.386424e-04	-3.297402e-04	1.778363e-05
## SPNCRNA.680	3.137239e-04	1.590546e-04	-2.949562e-04	-2.190666e-04
## SPAC4G8.04	-2.490067e-03	-1.001050e-03	1.652424e-04	6.888930e-04
## SPAC4G8.05	-5.856242e-04	-1.928697e-03	-1.026522e-03	-1.906446e-03
## SPAC4G8.07c	-6.712531e-04	7.991010e-04	-1.323450e-03	1.168490e-03
## SPNCRNA.681	4.973185e-06	7.763904e-07	-6.199871e-06	-2.145205e-05
## SPNCRNA.682	3.709440e-04	-1.333708e-04	1.654923e-04	-3.486651e-04
## SPAC4G8.09	2.035037e-03	-8.349127e-04	1.247750e-03	-2.209719e-03
## SPNCRNA.683	1.844779e-07	2.807489e-05	2.308917e-04	3.468528e-04
## SPAC4G8.10	-7.581019e-04	-7.339789e-04	1.017517e-03	5.164304e-04
## SPNCRNA.684	-1.900726e-04	-3.082909e-04	2.321333e-04	-9.001879e-05
## SPAC16C9.01c	-8.557444e-05	-1.914013e-03	8.546438e-04	-3.037159e-04
## SPNCRNA.685	-2.595347e-04	-6.487293e-05	1.143249e-04	8.697652e-05
## SPNCRNA.686	-4.182433e-04	-7.335222e-04	3.648029e-04	-1.556033e-04
## SPAC16C9.02c	-3.026577e-04	-4.517049e-03	3.731714e-03	-5.633206e-03
## SPAC16C9.03	-3.622707e-03	-2.928992e-03	-5.405711e-03	2.240432e-03
## SPAC16C9.04c	1.339555e-03	-3.760930e-04	4.400738e-04	-1.714915e-03
## SPNCRNA.687	-9.050069e-05	-4.614070e-04	1.466215e-04	-5.227137e-05
## SPAC16C9.06c	-1.184572e-03	-3.080155e-03	1.013592e-03	-5.584083e-03
## SPAC16C9.07	5.750482e-03	-1.470630e-03	1.949230e-03	1.369075e-03
## SPAC2G11.04	1.865548e-05	3.052484e-04	-6.711441e-04	-1.241394e-03
## SPAC2G11.05c	-7.357386e-04	-4.590127e-04	1.740136e-04	-9.439079e-04
## SPAC2G11.08c	8.388964e-04	3.060144e-04	-1.806229e-04	-4.345615e-04
## SPAC2G11.10c	9.700587e-04	4.923052e-05	2.956494e-04	5.180975e-04
## SPNCRNA.689	2.073934e-04	1.760182e-04	4.870688e-04	-2.054858e-04
## SPAC2G11.11c	3.113499e-03	-4.816748e-04	1.368499e-03	-1.023260e-03
## SPNCRNA.690	-1.145133e-05	2.483866e-04	-9.635637e-05	-2.012046e-04
## SPAC2G11.13	2.746304e-03	4.598567e-04	1.544861e-03	-1.132803e-03
## SPAC2G11.14	5.995206e-03	5.008502e-03	-5.875725e-03	6.697565e-04
## SPAC2G11.15c	4.207826e-04	7.763880e-05	5.921806e-04	-1.721978e-04
## SPAC521.04c	2.373698e-03	-3.139518e-04	4.127400e-03	-4.836433e-03
## SPNCRNA.693	-6.655254e-06	5.173935e-05	-3.965932e-05	-1.654459e-05
## SPAC23G3.02c	3.802371e-03	-4.506494e-03	2.143296e-03	-6.411718e-03
## SPAC23G3.03	1.437827e-04	2.265684e-04	-7.599956e-04	2.222133e-04
## SPAC23G3.05c	9.140284e-04	-1.642065e-04	-2.104798e-04	-2.405394e-04
## SPAC23G3.09	1.509149e-03	6.941553e-04	1.753943e-03	8.061367e-04
## SPAC23G3.11	5.091772e-03	-6.240383e-03	-1.116466e-03	2.487797e-03
## SPAC23G3.12c	1.722587e-03	-1.758067e-03	-3.787074e-03	4.128949e-03
## SPAC22H12.03	-8.736248e-05	-2.736015e-04	-8.703396e-04	-4.539040e-04
## SPAC22H12.04c	-9.956448e-02	-5.794874e-02	-4.084695e-02	-6.695991e-03
## SPAC1687.02	4.327898e-04	4.066077e-04	6.131926e-05	7.652159e-04
## SPAC1687.03c	-1.352799e-03	-2.132171e-03	8.315396e-04	3.615220e-03
## SPNCRNA.695	3.315901e-04	3.836579e-04	3.914318e-05	-1.829469e-04
## SPRRNA.12	-1.809305e-01	1.438415e-01	9.199651e-03	6.611656e-02
## SPAC1687.07	4.706420e-04	-1.562061e-04	1.720363e-05	2.167785e-04
## SPAC1687.08	-3.809429e-04	-1.960829e-04	2.806664e-04	4.905836e-04
## SPAC1687.09	3.020298e-03	2.068158e-03	7.840460e-04	-4.738418e-03
## SPAC1687.10	3.655212e-04	-9.379452e-05	6.232161e-04	1.279494e-03

## SPAC1687.13c	7.152771e-04	-7.714768e-04	-1.149488e-04	3.022097e-04
## SPAC1687.23c	2.284795e-06	-5.217184e-07	1.690768e-05	-1.223841e-05
## SPAC1687.15	3.006175e-03	1.769018e-04	1.292514e-04	-2.510926e-03
## SPNCRNA.697	-2.663368e-07	-8.673118e-05	-4.480813e-04	5.081459e-05
## SPAC1687.21	-1.384200e-04	-1.488898e-03	-3.100790e-03	-1.720600e-03
## SPAC1687.22c	1.030125e-03	-1.969560e-03	-1.251764e-03	2.927351e-04
## SPNCRNA.698	4.172225e-04	-4.001519e-05	5.889034e-05	-2.410941e-04
## SPNCRNA.699	-2.543025e-04	-2.673392e-04	-4.439272e-04	-6.870694e-04
## SPAC222.05c	3.100851e-04	-9.562881e-04	-2.639339e-04	-9.423831e-04
## SPNCRNA.700	2.134524e-04	1.925152e-04	1.129332e-04	-3.638904e-04
## SPATRNAGLU.02	1.327048e-02	1.706650e-01	1.868368e-01	-3.098634e-01
## SPAC222.09	3.445787e-03	2.228584e-04	4.199262e-04	-3.450761e-03
## SPAC222.10c	2.370912e-03	1.121714e-03	-1.117063e-03	1.588417e-03
## SPAC222.11	-5.088580e-03	1.820922e-03	-4.159089e-03	1.664995e-03
## SPAC222.12c	-5.166352e-03	-2.946824e-02	-8.611046e-03	6.523164e-03
## SPAC222.13c	7.916769e-04	-1.282533e-03	1.520830e-03	-9.409427e-04
## SPAC222.14c	5.117950e-04	-3.340464e-03	-3.652098e-03	1.414575e-03
## SPNCRNA.50	-1.036372e-06	3.029155e-06	6.458869e-05	-1.067575e-04
## SPAC821.03c	1.800417e-03	4.450982e-05	4.781894e-03	-1.745212e-03
## SPAC821.04c	2.139371e-03	1.131649e-03	-1.529169e-04	1.888167e-04
## SPSNRNA.03	-3.751724e-02	-3.875779e-02	7.490451e-02	-3.675863e-02
## SPAC821.07c	3.112632e-03	-2.624532e-03	2.776887e-03	-5.391288e-04
## SPNCRNA.163	8.711459e-05	1.088772e-04	8.413057e-05	3.314049e-05
## SPNCRNA.164	6.278195e-06	6.460421e-06	-8.075388e-06	2.764791e-05
## SPAC821.11	-1.056032e-02	1.746140e-03	-1.977473e-03	-6.960832e-03
## SPAC821.13c	7.536073e-03	7.110795e-04	-1.962308e-04	-2.145520e-03
## SPAC139.03	8.165932e-04	7.945812e-04	-9.947201e-04	5.340790e-04
## SPAC139.04c	-3.911394e-04	-5.464101e-04	1.326064e-03	7.571101e-04
## SPNCRNA.705	7.842983e-05	-1.235656e-04	-4.802193e-05	-1.191032e-04
## SPAC139.05	-3.957473e-04	2.783342e-02	-1.112860e-02	1.460986e-02
## SPNCRNA.706	4.745290e-04	6.055285e-04	-1.320230e-04	-1.197387e-03
## SPAC139.06	8.688170e-04	1.939083e-04	3.519003e-04	-2.063334e-03
## SPNCRNA.707	-7.324929e-06	1.500035e-04	2.941343e-04	6.280987e-05
## SPAC23C4.02	4.558076e-03	4.568710e-03	-6.423392e-03	-1.643747e-04
## SPAC23C4.04c	4.105775e-04	2.031251e-04	-5.293497e-04	-1.045740e-03
## SPAC23C4.07	4.187338e-04	5.697337e-04	6.427399e-04	-1.231834e-04
## SPAC23C4.08	9.036843e-04	-1.292456e-03	3.328611e-03	2.185374e-03
## SPNCRNA.708	5.832623e-04	-5.174472e-04	-3.564509e-04	-2.351967e-04
## SPAC23C4.12	9.982758e-04	-1.349946e-03	-3.728365e-04	-9.309500e-04
## SPAC23C4.16c	-4.856360e-04	2.237700e-03	-9.992398e-04	9.614554e-04
## SPNCRNA.709	3.546405e-04	-3.248033e-04	-1.213756e-04	2.488389e-04
## SPNCRNA.166	-1.676788e-05	-4.093714e-05	-2.143105e-04	-1.065620e-04
## SPAC23C4.19	3.250485e-03	-1.828919e-03	-2.871522e-03	-4.738022e-03
## SPAC1A6.11	-5.054675e-05	1.055444e-04	3.243450e-05	1.291211e-04
## SPAC1A6.05c	2.082065e-03	-8.812581e-04	-3.272452e-03	2.939266e-04
## SPAC1A6.07	3.556858e-03	1.740787e-03	-2.132775e-03	4.068691e-04
## SPAC1A6.09c	7.902541e-03	-3.752509e-03	3.337539e-03	-1.711589e-03
## SPAC1A6.10	-4.867624e-03	-4.961467e-03	7.776049e-04	-1.550058e-03
## SPAC30D11.13	8.455957e-04	-2.522114e-03	4.482739e-04	-1.835119e-03
## SPAC30D11.12	-5.326378e-03	-1.856088e-03	-7.222100e-03	-8.696050e-03
## SPAC30D11.11	3.310655e-03	-5.248989e-04	1.981259e-03	-4.648171e-05
## SPAC30D11.10	3.421668e-03	3.629178e-04	-1.182444e-03	-8.348712e-04
## SPNCRNA.712	1.362984e-04	-2.101949e-04	-3.549387e-04	-1.290948e-04
## SPAC30D11.09	1.067103e-03	1.249711e-04	-2.059728e-04	-9.594515e-04

## SPAC30D11.08c	1.204268e-04	-8.383567e-04	-6.823685e-05	-1.708191e-04
## SPAC30D11.04c	1.272431e-02	1.687855e-03	-8.167883e-04	-6.555364e-03
## SPAC30D11.03	-1.066640e-03	-2.377588e-03	1.271523e-05	-2.868907e-03
## SPAC30D11.01c	2.309370e-03	-1.892441e-03	-1.066131e-03	-1.004889e-03
## SPNCRNA.713	3.072629e-04	1.778352e-04	-1.932882e-04	-5.361647e-05
## SPNCRNA.714	2.530210e-05	-4.195579e-05	-2.720190e-05	1.834880e-05
## SPAC56F8.03	-9.000207e-03	7.470804e-03	-2.306233e-03	5.540365e-03
## SPAC56F8.05c	-7.261883e-04	-5.461160e-03	-3.432518e-03	-1.310355e-02
## SPNCRNA.715	-1.318444e-04	1.080782e-04	-1.078733e-04	4.387524e-04
## SPAC56F8.07	-2.134043e-04	-9.927084e-05	1.139438e-03	-1.608537e-03
## SPAC56F8.08	-4.914460e-05	4.817439e-04	-2.877191e-03	2.871753e-03
## SPAC56F8.10	-4.338696e-03	-3.547616e-03	1.076449e-03	2.655139e-03
## SPAC56F8.11	1.631092e-03	-5.234578e-04	4.653083e-04	2.160898e-03
## SPAC56F8.14c	-4.199658e-05	6.730093e-04	1.735404e-03	-8.155047e-04
## SPAC56F8.13	-3.684313e-04	-4.368025e-04	3.300390e-04	5.523486e-04
## SPAC56F8.15	9.169293e-04	2.892728e-04	-1.003830e-04	-3.514645e-04
## SPAC22A12.01c	3.718683e-03	-1.031369e-03	1.628686e-03	-6.439924e-04
## SPAC22A12.03c	9.152544e-04	-2.242263e-03	1.308994e-03	1.462754e-03
## SPAC22A12.05	1.462959e-03	-1.483494e-03	2.358825e-03	-2.392166e-04
## SPAC22A12.06c	-1.295141e-05	-9.105859e-05	-8.092329e-04	-1.609850e-03
## SPNCRNA.718	3.040135e-04	-1.006937e-04	2.715979e-04	-7.247536e-05
## SPAC22A12.13	1.213865e-03	3.416910e-04	9.788351e-04	3.552643e-04
## SPAC22A12.15c	-3.186985e-02	-1.673943e-01	9.967998e-02	1.277883e-02
## SPAC22A12.16	-2.913661e-02	2.071892e-02	-1.032908e-02	-6.999192e-03
## SPAC4C5.01	8.945614e-04	1.221268e-03	5.713266e-04	-1.638385e-03
## SPATRNAALA.02	1.484328e-03	-8.536498e-05	5.848322e-04	-1.615544e-04
## SPNCRNA.722	8.271126e-04	4.743286e-04	-5.084510e-05	-1.131899e-05
## SPAC4C5.04	-6.076702e-04	-5.635424e-04	8.813824e-04	-6.551101e-04
## SPNCRNA.723	6.262757e-04	-1.089477e-04	-2.585339e-05	-2.316792e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-6.879611e-03	-3.498990e-02	1.446608e-02	1.893614e-02
## SPAC10F6.04	2.642899e-03	3.606792e-04	7.387286e-04	-1.651775e-03
## SPAC10F6.06	1.749692e-03	-2.975009e-02	3.242101e-03	4.737235e-03
## SPAC10F6.07c	7.674915e-04	-2.172805e-04	-4.921883e-04	2.494809e-04
## SPNCRNA.554	1.655299e-04	-2.046360e-04	-1.845527e-04	6.161493e-05
## SPAC10F6.08c	6.967309e-05	-6.527461e-04	-3.768274e-04	-1.773615e-04
## SPAC10F6.09c	1.319241e-03	3.048202e-03	-2.570838e-03	-1.036527e-03
## SPAC10F6.11c	2.707239e-03	-1.031492e-04	-8.074897e-04	-2.879607e-04
## SPAC10F6.12c	-4.707633e-04	-6.136707e-04	1.413472e-03	1.428826e-03
## SPAC10F6.13c	-8.606598e-03	-6.372117e-03	-1.522182e-03	-3.731529e-05
## SPAC10F6.14c	-1.798425e-04	-1.065200e-03	-1.774485e-03	3.513340e-04
## SPNCRNA.82	-5.744586e-06	5.399235e-06	-2.334606e-05	3.752707e-05
## SPNCRNA.727	-7.359847e-05	-4.898530e-04	-6.409970e-05	1.621252e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-4.216244e-04	6.015391e-05	-5.196457e-04	-1.662141e-03
## SPNCRNA.729	1.135085e-05	1.236615e-05	-3.854701e-05	1.012800e-04
## SPAC10F6.16	4.525060e-03	-1.154851e-03	-1.029953e-04	3.871883e-03
## SPAC56E4.02c	6.107076e-04	-3.975840e-04	-2.969579e-04	-4.419677e-05
## SPAC56E4.04c	-7.508543e-02	-7.416059e-02	-2.944981e-02	1.094495e-02
## SPAC56E4.05	1.047068e-03	-3.580647e-03	1.915621e-03	5.579282e-05
## SPAC56E4.06c	1.515011e-03	-9.276834e-04	1.132216e-03	-4.656785e-04
## SPAC1420.01c	6.275111e-03	-3.019778e-04	-1.350483e-03	-2.966993e-03
## SPAPB17E12.04c	5.955038e-04	-5.322231e-04	-1.848133e-03	5.682251e-04
## SPAPB17E12.06	7.533470e-04	-2.599724e-04	3.961991e-04	-4.200301e-04

## SPAPB17E12.07c	2.762264e-04	-9.801467e-04	-4.916248e-04	-1.242622e-03
## SPAPB17E12.08	7.372122e-04	-8.915189e-04	8.144013e-04	-5.141844e-04
## SPAPB17E12.10c	3.699680e-04	6.787523e-04	-2.991412e-04	3.595266e-04
## SPAPB17E12.09	-1.209771e-05	-3.339452e-06	-1.726980e-05	-4.787698e-05
## SPAPB17E12.12c	1.675982e-05	-1.835771e-03	6.276508e-04	-5.983870e-05
## SPAPB17E12.14c	2.316549e-03	-5.038041e-04	1.720945e-03	-2.372634e-04
## SPAPB17E12.13	-7.622118e-05	-1.141017e-02	7.328341e-03	-4.727470e-03
## SPAC1565.01	2.523266e-03	-2.684533e-03	2.186891e-03	3.022693e-03
## SPAC1565.02c	9.301900e-04	6.107474e-04	-2.086661e-03	-3.558274e-04
## SPAC1565.04c	1.520320e-04	-3.646667e-04	-2.128880e-04	2.320556e-04
## SPNCRNA.169	1.825552e-05	2.117424e-05	-1.234998e-05	-3.381669e-05
## SPAC1565.08	-3.111868e-02	-3.878616e-02	9.237119e-03	-1.114537e-02
## SPAC6F12.02	3.323226e-03	1.044873e-03	1.800061e-03	-1.116539e-03
## SPAC6F12.03c	3.573816e-04	-3.428094e-04	-1.012260e-03	-1.787228e-03
## SPAC6F12.04	2.519898e-03	-4.542286e-03	1.488394e-03	3.140101e-03
## SPAC6F12.05c	-2.184205e-03	-2.119257e-03	8.534511e-04	1.551450e-03
## SPAC6F12.10c	-2.390438e-02	-2.660443e-03	1.337719e-02	-9.304935e-03
## SPNCRNA.734	-3.737245e-05	-9.232025e-06	-1.993048e-05	1.248957e-07
## SPAC6F12.11c	2.511381e-03	-7.520208e-04	-7.372550e-04	-5.582940e-04
## SPAC6F12.14	2.028505e-03	-2.994672e-03	1.545216e-03	5.850653e-04
## SPNCRNA.735	2.163327e-04	3.044560e-04	6.558250e-05	-1.690982e-04
## SPAC6F12.16c	-2.343500e-03	-4.519436e-03	-3.995691e-03	8.445510e-05
## SPAC6F12.17	5.422942e-03	7.766624e-04	1.403767e-04	-2.773584e-06
## SPNCRNA.736	1.177567e-03	-4.433227e-04	-3.421011e-04	-3.040515e-04
## SPNCRNA.737	-5.125230e-05	-1.495342e-04	-1.127172e-04	3.958108e-05
## SPAC57A10.02	3.814760e-03	-2.054283e-03	-2.755913e-04	-2.911399e-03
## SPNCRNA.739	-1.816642e-04	-1.125223e-04	-1.651955e-05	2.297383e-04
## SPAC57A10.04	1.286902e-04	-5.174069e-04	4.067404e-04	2.357053e-04
## SPAC57A10.14	1.145372e-03	-7.058139e-04	-4.929391e-05	-2.852428e-04
## SPAC57A10.10c	-3.348403e-03	3.191320e-03	-6.596578e-04	2.617792e-03
## SPAC57A10.11c	1.224292e-03	-2.322069e-03	-2.186583e-03	-1.005690e-03
## SPAC20G8.01	-4.162446e-04	3.225695e-04	-7.345604e-04	-1.770429e-03
## SPAC20G8.02	4.832837e-03	2.537690e-03	1.226157e-04	-1.631699e-04
## SPNCRNA.58	-9.100470e-05	-5.634622e-04	-5.830014e-04	-5.687442e-04
## SPAC20G8.03	4.587307e-04	2.921673e-03	-6.614715e-03	-5.634737e-03
## SPNCRNA.740	-3.184499e-04	2.544016e-04	7.866775e-04	4.260232e-04
## SPAC20G8.07c	1.954343e-04	7.297383e-04	2.231452e-03	5.089323e-03
## SPATRNCACYS.01	3.960479e-03	1.887428e-03	2.834648e-03	2.782684e-04
## SPAC3A12.02	-6.207186e-05	-1.086108e-03	-5.236688e-04	-1.478455e-03
## SPAC3A12.03c	5.316634e-04	-2.164586e-03	1.447222e-03	1.932315e-04
## SPAC3A12.05c	2.231953e-03	-3.265807e-03	2.784053e-04	-6.073646e-04
## SPAC3A12.06c	3.073684e-03	1.209716e-03	-1.401182e-03	-1.802067e-03
## SPAC3A12.08	-1.107541e-05	7.224179e-05	-1.394055e-03	4.314311e-04
## SPAC3A12.09c	1.446061e-03	-2.232058e-04	1.384640e-03	5.887308e-04
## SPAC3A12.10	-3.460457e-03	-3.792079e-03	4.383187e-03	1.998924e-02
## SPAC3A12.12	2.488186e-04	1.835204e-04	5.634336e-04	2.764500e-04
## SPAC3A12.13c	3.915704e-03	1.273212e-03	2.926509e-03	3.272204e-03
## SPATRNCAPRO.03	1.946923e-03	-1.408319e-04	5.233235e-03	6.282626e-04
## SPAC3A12.16c	3.111782e-03	-2.249950e-03	2.834245e-03	1.108534e-03
## SPAC3A12.17c	9.060517e-04	-9.377849e-04	2.159250e-03	4.346740e-06
## SPAC9.02c	-1.248350e-03	-1.104014e-03	-3.908928e-04	-6.647321e-04
## SPAC9.04	2.362160e-05	2.190273e-05	-2.652935e-05	-5.337069e-05
## SPAC9.07c	6.621640e-03	-1.324448e-02	6.290179e-03	-3.378743e-03
## SPNCRNA.742	4.426082e-05	3.778670e-04	-5.368176e-04	-6.740886e-04

## SPATRNAMET.02	-1.233510e-02	-3.890170e-02	2.905343e-02	1.725511e-02
## SPAC9.11	6.895341e-04	-4.880567e-04	5.270849e-05	-2.061304e-04
## SPAC9.12c	9.628059e-04	9.550469e-04	9.829459e-04	-2.701937e-04
## SPAC9.13c	1.955173e-03	-5.065912e-04	5.223693e-04	-4.325121e-04
## SPAC5D6.13	-1.414166e-03	-1.036569e-03	7.455542e-04	-1.580428e-03
## SPAC5D6.08c	1.061455e-03	1.759692e-04	5.812628e-04	4.953417e-05
## SPAC5D6.06c	1.437449e-03	-4.353096e-04	1.001735e-03	1.033471e-03
## SPAC5D6.05	-2.047479e-03	-1.069526e-03	2.428176e-04	-8.229076e-05
## SPAC5D6.01	1.191449e-02	-4.009058e-03	3.079967e-04	7.374664e-03
## SPNCRNA.173	3.213611e-05	1.468009e-04	-3.592082e-05	3.338559e-05
## SPAC57A7.13	2.911454e-03	8.141338e-04	1.003495e-03	-1.040330e-03
## SPAC57A7.12	-3.252221e-02	-1.317521e-02	5.181979e-03	1.748863e-02
## SPAC57A7.11	7.624244e-03	5.081242e-04	4.721309e-04	-2.148386e-05
## SPAC57A7.09	1.258002e-03	9.694158e-04	-1.655500e-04	-1.234758e-03
## SPATRNALEU.01	5.290070e-03	-9.802135e-03	-2.885720e-04	2.916121e-03
## SPAC57A7.07c	2.054012e-03	3.730129e-04	1.650043e-03	-1.265698e-04
## SPNCRNA.744	1.546141e-05	1.265731e-04	-1.276270e-04	2.016201e-04
## SPAC57A7.05	-2.916935e-03	9.006468e-03	-2.713322e-03	4.387566e-03
## SPAC57A7.15c	-2.191190e-04	-7.426976e-04	-5.325707e-05	-3.420416e-05
## SPAC167.06c	2.147524e-03	-1.577171e-03	-5.709846e-04	2.374144e-04
## SPAC167.02	2.121566e-03	2.481451e-05	-6.026081e-04	8.528930e-04
## SPAC167.03c	-5.237002e-04	-1.935778e-03	1.596746e-05	-2.673448e-04
## SPAC167.01	3.137338e-03	-1.465739e-03	1.844545e-03	-2.943842e-03
## SPNCRNA.555	8.288039e-06	7.904580e-05	-5.640957e-05	-5.704940e-05
## SPRRNA.53	-3.236125e-02	-9.647325e-02	-2.207109e-01	-2.225643e-01
## SPAC1705.02	-3.142467e-04	-2.140443e-04	-4.266285e-04	5.923982e-04
## SPNCRNA.175	5.836327e-06	-8.183583e-05	-6.232211e-05	-6.505869e-05
## SPAC23H4.18c	-1.684172e-04	-2.590698e-03	-1.090400e-03	-2.386417e-05
## SPAC23H4.14	2.070211e-03	-8.611002e-04	-2.112094e-04	-2.842517e-04
## SPAC23H4.11c	3.392255e-04	-5.359746e-04	3.291796e-04	-4.137447e-04
## SPAC23H4.10c	-2.678304e-03	-6.400062e-04	-2.455647e-03	-1.718466e-03
## SPAC23H4.09	-1.283059e-03	-1.722997e-02	3.442134e-03	-3.803000e-03
## SPAC23H4.06	1.312481e-02	-1.843709e-03	-1.714235e-03	-8.387846e-03
## SPAC23H4.03c	4.297379e-03	-6.478585e-04	5.564700e-04	-1.799966e-04
## SPAC23H4.02	1.174069e-03	-4.612257e-04	-9.502834e-04	3.027310e-04
## SPAC23H4.01c	1.297713e-03	-6.381006e-04	5.506278e-04	7.598551e-04
## SPAP27G11.02	1.308368e-03	7.325643e-04	-1.512842e-03	1.076246e-03
## SPNCRNA.748	-4.951047e-05	2.409799e-05	8.976435e-05	-4.217373e-05
## SPAP27G11.04c	1.367377e-03	-2.281821e-03	-9.825883e-04	-4.839119e-04
## SPAP27G11.06c	-1.210651e-03	-1.875041e-03	-5.424695e-04	1.139847e-03
## SPAP27G11.07c	-1.036507e-03	-3.897782e-04	8.441048e-04	-5.059364e-04
## SPAP27G11.08c	-2.543018e-04	-1.656785e-04	-1.412131e-04	5.314669e-04
## SPAP27G11.10c	9.584502e-03	-5.454303e-03	3.001217e-03	7.710669e-05
## SPAP27G11.11c	-3.940144e-05	-3.038048e-05	-1.960246e-05	7.912857e-06
## SPNCRNA.750	1.703905e-04	-6.295296e-05	5.627956e-05	-4.927178e-05
## SPAP27G11.16	9.997141e-04	-6.915902e-04	-5.234543e-04	4.660940e-05
## SPAP27G11.12	5.890726e-03	1.964574e-03	2.733832e-03	-2.282402e-03
## SPAP27G11.13c	-2.849736e-03	-7.372670e-03	2.995058e-04	-3.178537e-04
## SPAC343.02	-1.037039e-04	-4.513322e-04	-6.764927e-04	1.254153e-03
## SPATRNAGLY.01	5.146805e-03	-2.636180e-03	6.303637e-03	-1.391876e-02
## SPNCRNA.751	7.188673e-05	8.060689e-05	-1.020581e-04	-1.527789e-04
## SPAC343.06c	1.909754e-03	-1.054608e-03	2.113946e-03	9.672444e-05
## SPAC343.09	-4.628118e-04	-5.727294e-03	2.411826e-03	-3.220854e-05
## SPNCRNA.753	-1.445698e-04	1.777692e-06	4.443625e-05	-1.828585e-05

## SPAC343.21	-1.311277e-04	4.013691e-04	-1.644521e-04	-1.921442e-04
## SPAC343.12	5.602218e-03	4.549166e-02	-7.328410e-03	2.056076e-02
## SPAC343.13	-1.018743e-03	1.346068e-03	-3.882457e-04	1.962786e-04
## SPAC343.14c	-1.661971e-03	-3.073137e-03	-5.384745e-04	9.234162e-04
## SPAC343.16	-9.315886e-03	6.968141e-03	8.298710e-03	-1.067861e-02
## SPAC343.18	-2.657513e-04	-2.098537e-03	2.297392e-03	3.282306e-04
## SPAC343.19	5.698364e-03	1.072135e-03	2.377242e-03	-1.331909e-03
## SPAC824.02	7.829095e-03	-1.974220e-03	-1.764714e-03	-2.563154e-03
## SPAC824.03c	1.302778e-03	-2.095371e-03	2.589365e-04	-8.050178e-04
## SPNCRNA.755	3.066618e-04	-6.244141e-05	5.535489e-05	3.761342e-05
## SPAC824.06	1.686359e-03	-9.507143e-04	-2.495505e-03	-5.022049e-04
## SPAC824.09c	1.387196e-03	-1.190437e-03	1.646318e-03	4.397569e-04
## SPNCRNA.177	3.584406e-05	1.156068e-04	-2.333536e-05	-1.610561e-04
## SPAC664.01c	1.423376e-03	2.502132e-03	-9.698924e-05	-1.692127e-03
## SPAC664.02c	-6.628805e-04	-2.762730e-03	-2.624326e-04	-1.123570e-03
## SPAC664.05	4.057367e-03	-4.775012e-03	5.201539e-03	-1.752645e-02
## SPNCRNA.756	6.404276e-04	5.744915e-04	3.287270e-04	-5.794176e-04
## SPAC664.06	-4.600644e-03	-1.004158e-02	1.646868e-03	-2.832188e-03
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	7.910378e-06	5.963489e-05	-1.811912e-04	-5.870216e-06
## SPAC664.13	1.411129e-04	-6.404580e-04	2.686170e-04	-7.256783e-04
## SPATRNLALYS.02	1.023140e-03	-2.864529e-05	3.027206e-04	1.267112e-03
## SPAC664.15	-2.311840e-05	7.494113e-04	-4.670786e-04	-1.333505e-03
## SPAC105.02c	2.129883e-03	-7.834566e-03	-1.276154e-03	7.986865e-04
## SPATRNLATYR.01	2.431891e-03	3.380833e-03	-4.819670e-03	7.682651e-03
## SPAC105.03c	2.916305e-03	-2.358650e-03	1.172529e-03	-1.826114e-03
## SPAC17A5.01	2.020744e-03	-1.389733e-03	5.659981e-05	-6.355890e-04
## SPNCRNA.759	8.946611e-05	3.318815e-05	2.603002e-04	4.159627e-04
## SPNCRNA.556	1.781683e-04	1.029800e-04	-1.406479e-04	-1.915285e-04
## SPAC17A5.05c	8.080577e-04	-3.581842e-04	-2.489038e-04	-5.819212e-04
## SPAC17A5.07c	1.572392e-03	-1.616991e-03	-2.377234e-03	-1.178960e-03
## SPAC17A5.09c	3.363065e-04	-2.220627e-03	-1.119912e-03	1.572425e-03
## SPATRNAILE.01	-4.021966e-04	-1.077399e-03	-1.815397e-04	-8.072901e-04
## SPNCRNA.760	8.575320e-05	3.257863e-04	1.432077e-05	-3.634307e-04
## SPNCRNA.761	1.951422e-04	2.032008e-04	-1.364009e-04	-6.446276e-04
## SPAC17A5.13	-1.652684e-03	-4.123104e-04	5.191709e-04	-1.034651e-03
## SPAC17A5.15c	-1.441631e-02	-1.496520e-03	-3.035225e-03	1.181821e-02
## SPNCRNA.762	3.038519e-03	-1.286869e-03	-5.288503e-05	7.658281e-05
## SPAC1002.01	8.972810e-05	-2.124981e-04	-9.374304e-06	-3.027850e-04
## SPAC1002.06c	1.996387e-05	-6.829469e-05	-7.177234e-05	9.381146e-05
## SPAC1002.07c	-1.945292e-04	-2.366448e-04	-1.504874e-03	-3.238248e-03
## SPAC1002.08c	2.636760e-03	-1.831739e-03	1.155346e-03	4.995117e-04
## SPNCRNA.763	-4.341019e-05	2.463729e-04	-4.950741e-04	-1.055866e-03
## SPAC1002.10c	6.655822e-04	-3.135596e-04	4.497861e-04	-6.665471e-04
## SPAC1002.11	3.351846e-03	-9.467523e-05	3.255387e-03	4.386637e-04
## SPAC1002.13c	7.461429e-02	-2.382844e-02	3.146441e-02	-3.097129e-02
## SPAC1002.15c	-1.843499e-04	-6.803198e-04	-3.255949e-04	-1.457829e-03
## SPAC1002.14	-4.583636e-03	-3.782748e-03	-1.005864e-03	-1.626098e-03
## SPAC1002.16c	-1.498870e-04	-1.990659e-04	-5.256228e-04	-3.390113e-04
## SPAC1002.17c	9.711101e-03	-1.659166e-02	-3.453317e-03	-1.216365e-02
## SPAC1002.18	6.252822e-03	-1.267035e-02	1.122320e-03	-8.363616e-03
## SPAC1399.05c	1.143604e-03	3.272696e-05	-3.491218e-04	-1.770017e-03
## SPNCRNA.764	1.951927e-04	-1.082796e-04	8.977812e-05	-1.862075e-04
## SPNCRNA.178	2.543000e-04	2.964668e-04	-1.762476e-04	-1.901815e-04

## SPAC1399.02	2.645394e-03	-6.789195e-04	-2.910286e-05	-1.279266e-03
## SPAC1399.06	4.166003e-04	1.359512e-04	-3.998064e-04	-1.142469e-04
## SPAP11E10.01	1.541545e-03	-1.676021e-03	-3.960815e-04	9.343831e-04
## SPAPB1A10.03	-1.089601e-03	9.440235e-05	-2.150410e-05	-2.065972e-04
## SPAPB1A10.16	-2.273432e-04	-1.525303e-04	-4.258442e-04	5.939671e-04
## SPAPB1A10.04c	-1.207836e-03	-1.746949e-03	3.511591e-04	-4.704336e-04
## SPNCRNA.765	3.306773e-04	-6.742344e-04	4.212192e-04	2.152792e-04
## SPAPB1A10.05	1.162207e-03	-1.000872e-03	8.992389e-04	-9.674586e-04
## SPNCRNA.766	7.545811e-04	1.352980e-04	1.147087e-04	-3.270099e-04
## SPAPB1A10.09	1.477922e-03	5.151515e-06	-1.488208e-03	-2.762606e-03
## SPAPB1A10.13	1.160590e-03	-3.306400e-04	-2.483280e-03	-3.348050e-04
## SPAPB1A10.14	7.094939e-04	6.979445e-04	-1.376380e-04	-2.356241e-04
## SPAPB1A10.15	2.158751e-04	6.891521e-04	3.390132e-04	-9.280736e-04
## SPAC140.01	8.269262e-05	3.204285e-03	-9.124993e-03	-4.014469e-03
## SPAC140.03	3.569194e-04	9.370289e-04	1.608434e-04	-1.005494e-03
## SPNCRNA.182	6.155135e-06	8.596286e-06	2.695070e-06	3.009189e-07
## SPNCRNA.772	4.646038e-04	4.802495e-04	-2.061458e-04	-4.884322e-05
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	1.872467e-04	-2.235793e-05	-9.001813e-05	-2.533207e-04
## SPAC110.01	9.151498e-03	3.691223e-03	1.333635e-03	1.979331e-03
## SPAC110.03	2.116482e-03	-4.700516e-03	-2.060607e-04	2.835436e-03
## SPNCRNA.774	-6.571850e-05	-4.516094e-04	5.808380e-04	-4.912005e-05
## SPAC3H1.01c	4.095741e-03	-2.963040e-03	7.000974e-04	4.788414e-04
## SPAC3H1.02c	3.448095e-03	-1.513809e-03	-2.391224e-03	-1.265449e-03
## SPAC3H1.04c	2.421871e-03	-1.868112e-03	5.668552e-05	-2.860791e-03
## SPAC3H1.05	8.237624e-03	-3.054609e-03	7.339843e-04	-3.145544e-03
## SPAC3H1.06c	4.180413e-03	1.969612e-03	7.791991e-04	-3.189649e-03
## SPAC3H1.07	-3.631674e-03	3.971541e-03	2.883711e-02	-5.568397e-03
## SPAC3H1.09c	-3.213620e-04	4.660123e-04	-5.529313e-04	-3.648248e-05
## SPNCRNA.777	1.918019e-04	4.486566e-04	-4.161717e-05	6.676849e-05
## SPNCRNA.781	2.603312e-04	5.969969e-04	-1.708311e-04	-6.836472e-04
## SPNCRNA.783	-1.790722e-04	3.056266e-04	-3.632831e-04	-5.666589e-04
## SPNCRNA.784	2.220163e-05	2.792468e-04	-4.145642e-05	-1.672812e-04
## SPAC3H1.12c	2.208603e-03	-7.198963e-04	-6.150637e-04	1.958735e-04
## SPAC3H1.13	-8.892690e-04	8.550685e-04	6.271787e-04	-2.394129e-04
## SPNCRNA.530	-2.398614e-03	-3.804784e-03	3.833223e-03	1.257639e-02
## SPAC9G1.14	-2.923411e-05	1.378342e-04	-1.479503e-04	-2.099830e-04
## SPAC9G1.02	1.582617e-02	-5.716653e-03	1.099206e-03	-6.719420e-03
## SPAC9G1.03c	-2.387513e-03	3.032893e-03	6.498495e-03	1.690869e-02
## SPAC9G1.04	1.736892e-03	6.247477e-04	3.036183e-03	1.644859e-03
## SPAC9G1.08c	9.194040e-04	3.642237e-04	-3.079054e-04	5.542083e-05
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	-9.025778e-04	-4.182720e-04	9.451364e-05	-6.094343e-04
## SPAC9G1.10c	1.622297e-03	-8.398507e-04	-2.812863e-03	-7.120079e-04
## SPAC9G1.13c	-4.805577e-04	-7.571707e-04	7.446361e-04	-4.978980e-04
## SPNCRNA.785	4.509120e-04	-5.189961e-04	3.510490e-04	-4.078878e-04
## SPAC17H9.02	2.503450e-03	6.529007e-04	-1.935001e-03	-1.081369e-03
## SPAC17H9.03c	4.550696e-04	-8.699489e-04	-1.011612e-03	-5.696188e-04
## SPAC17H9.04c	-3.020481e-03	-6.409290e-03	3.692614e-03	-1.582672e-03
## SPNCRNA.787	-4.431373e-05	-1.813856e-06	2.850777e-05	-6.427213e-06
## SPAC17H9.09c	-1.441478e-05	5.828927e-04	-1.207069e-04	2.123408e-03
## SPAC17H9.10c	4.685721e-03	-3.377601e-03	5.760787e-04	2.042477e-03
## SPAC17H9.12c	-1.285156e-03	-1.874806e-03	-1.399747e-03	-1.746371e-03
## SPAC17H9.13c	-3.056940e-04	-1.769747e-03	3.650951e-03	7.106219e-04

## SPAC17H9.14c	7.992201e-03	-1.495325e-02	-4.624465e-03	-2.312911e-03
## SPAC17H9.184	1.769186e-04	-9.072248e-05	1.283507e-04	-1.307271e-04
## SPAC17H9.16	2.262250e-03	-6.183899e-03	1.580862e-03	-5.261365e-04
## SPAC17H9.17c	3.144029e-04	-6.470614e-05	-7.468178e-04	-4.488441e-04
## SPAC17H9.20	2.993270e-03	-1.039349e-03	-6.170302e-04	5.769354e-04
## SPAC607.03c	-6.227999e-03	-1.416184e-02	1.334035e-03	1.335903e-02
## SPAC17H9.185	1.733720e-05	6.051527e-05	3.468496e-05	-6.165164e-05
## SPAC607.04	1.737047e-04	2.058750e-04	-1.070532e-03	-1.708321e-03
## SPAC607.05	-3.839445e-03	-7.772521e-03	1.450079e-03	3.718087e-03
## SPAC607.06c	3.606940e-04	-5.449587e-04	1.735251e-03	2.951154e-06
## SPAC607.09c	1.107412e-03	-1.016394e-03	1.448403e-03	2.297699e-04
## SPAC732.01	8.839841e-05	-1.715653e-03	9.096092e-04	1.234618e-03
## SPAC732.02c	-5.499055e-04	-2.440457e-03	-1.338846e-03	-1.657788e-03
## SPAC3C7.02c	2.232201e-03	-3.679883e-04	1.401562e-03	-8.812761e-04
## SPAC17H9.791	5.519747e-05	-1.261641e-04	1.863338e-05	-8.253962e-06
## SPAC3C7.08c	-5.501367e-03	-5.560875e-03	-9.010885e-04	1.009461e-04
## SPAC3C7.09	-3.964192e-04	4.927324e-04	-4.534386e-04	-2.719098e-04
## SPAC17H9.793	1.028302e-04	3.139230e-04	-6.233365e-04	-2.094999e-05
## SPAC17H9.794	-3.166702e-05	-8.232928e-05	-6.107854e-04	-3.663045e-04
## SPAC25A8.03c	9.539243e-04	-3.439431e-04	-7.857456e-05	-1.187039e-03
## SPAC25A8.02	5.938650e-04	-5.200829e-04	3.535882e-04	1.882655e-04
## SPAC631.02	-1.248971e-02	-4.396312e-03	-4.781074e-03	6.895752e-03
## SPAC20H4.02	5.276538e-04	-2.349920e-03	3.278229e-03	-6.838780e-04
## SPAC20H4.03c	4.354446e-03	1.465416e-04	4.328206e-04	-8.576170e-04
## SPAC20H4.04	2.048653e-03	-7.972919e-04	-2.224439e-04	-5.570765e-04
## SPAC20H4.08	7.046114e-04	-6.081630e-04	2.787002e-03	-4.338275e-04
## SPAC20H4.09	-2.273146e-05	-8.288996e-04	2.136717e-03	1.433878e-03
## SPAC17H9.797	1.423673e-04	-2.303752e-04	-1.826943e-04	1.663607e-04
## SPAC20H4.10	2.701318e-04	-6.808334e-03	-3.962752e-03	-6.649143e-04
## SPAC23C11.01	3.487667e-03	1.282737e-03	2.885915e-03	-9.647118e-04
## SPAC23C11.03	2.365363e-03	1.786390e-04	9.928422e-04	-2.774129e-03
## SPAC23C11.04c	1.277629e-03	-9.063769e-04	-5.286910e-04	-4.037037e-04
## SPAC23C11.05	-1.747010e-02	-7.178810e-03	3.099211e-03	-5.034046e-03
## SPAC23C11.08	5.271728e-04	-8.210221e-04	-1.020564e-04	-8.097555e-04
## SPAC17H9.799	3.635402e-05	5.371664e-05	-2.729133e-04	-1.697034e-04
## SPAC23C11.09	-1.462208e-02	-1.490948e-02	-1.282273e-03	2.927649e-03
## SPAC23C11.10	-1.941778e-04	-3.301877e-04	-3.818481e-05	3.332062e-04
## SPAC23C11.11	9.856481e-05	-3.815183e-03	-3.060166e-05	-1.396387e-03
## SPAC17H9.800	8.070545e-04	6.507717e-04	3.758530e-04	-5.613434e-04
## SPAC23C11.14	6.125295e-03	-1.291069e-03	1.547484e-02	-5.184464e-04
## SPAC23C11.15	3.735333e-03	-1.214160e-03	-3.429855e-04	1.445016e-04
## SPAC23C11.17	-2.622787e-03	-5.776796e-03	-5.969635e-03	-1.450368e-03
## SPAC13F5.01c	2.652320e-03	-2.033924e-04	7.889098e-05	-2.191224e-03
## SPAC13F5.02c	-1.122466e-03	6.266913e-04	3.856130e-04	-1.420925e-03
## SPAC17H9.801	4.967500e-05	-2.783729e-04	3.913520e-04	1.361776e-04
## SPAC13F5.06c	4.392887e-03	-2.981064e-04	1.378614e-03	-7.976194e-04
## SPAC17H9.802	1.966296e-04	8.066068e-05	-1.290463e-04	-4.564233e-04
## SPAC13F5.07c	-3.519628e-04	-7.955097e-04	1.176072e-04	-1.073294e-04
## SPAC1783.02c	-1.112591e-04	-2.911641e-04	8.924405e-04	-8.653491e-04
## SPAC1783.04c	3.116507e-03	-1.465532e-03	-1.039725e-03	6.950006e-04
## SPAC1783.803	2.018693e-04	-2.168997e-04	-1.504811e-04	-1.791565e-04
## SPAC1783.06c	-5.062360e-05	-6.345540e-05	-6.300732e-04	-7.491775e-04
## SPAC1783.804	-1.631478e-04	-1.825365e-04	2.557910e-04	1.664931e-05
## SPAC1783.07c	9.011411e-03	-2.109873e-03	6.562955e-03	-3.348682e-03

## SPAC1783.08c	-9.396983e-03	-4.470845e-03	6.484721e-03	2.367065e-02
## SPAC1327.01c	6.637971e-03	-3.361965e-04	3.834205e-04	-1.160721e-03
## SPAC18G6.01c	1.264604e-04	-1.883019e-03	6.541841e-06	4.838238e-04
## SPAC18G6.02c	2.548942e-03	-9.700953e-04	-1.247002e-03	1.449769e-04
## SPATRNAVAL.03	1.368929e-02	-1.162354e-03	5.314845e-03	1.070753e-03
## SPAC18G6.04c	-6.306486e-03	2.583527e-03	-2.840399e-03	-3.126143e-03
## SPAC18G6.05c	-9.441577e-04	-4.908835e-03	-3.081492e-03	-7.572847e-03
## SPAC18G6.06	2.942425e-03	4.399967e-04	-2.465868e-04	-1.399529e-03
## SPAC18G6.07c	-2.546155e-03	-7.527400e-03	1.553161e-03	-2.170481e-03
## SPAC18G6.09c	2.554048e-03	-3.392331e-04	-3.949386e-05	-2.433601e-03
## SPAC18G6.10	1.537300e-03	5.726190e-04	6.397794e-04	8.159826e-05
## SPAC18G6.11c	4.411796e-03	-7.396329e-03	7.565680e-03	-2.224350e-03
## SPAC18G6.12c	7.311073e-04	-3.005829e-04	6.148287e-04	-1.034539e-03
## SPNCRNA.806	1.241381e-04	3.821441e-04	-6.986534e-05	-4.375548e-04
## SPAC18G6.13	2.447674e-04	-3.434459e-04	4.572357e-04	5.459675e-04
## SPAC18G6.14c	1.865205e-02	5.804689e-04	1.990458e-02	-1.136190e-02
## SPAC13D6.02c	7.904136e-04	-1.446012e-03	7.043529e-03	7.797143e-04
## SPNCRNA.189	-7.402291e-06	-2.979307e-04	-6.840869e-05	2.466735e-04
## SPATRNNAGLY.02	8.429069e-04	-1.189805e-03	3.007410e-03	-4.680309e-03
## SPAC13D6.04c	7.569879e-05	-7.070207e-04	-4.465147e-04	4.227414e-04
## SPAC13D6.05	3.901637e-04	1.972467e-04	-2.078587e-04	1.582255e-03
## SPAC4G9.02	7.117170e-04	-2.281939e-04	7.301402e-04	-1.532123e-03
## SPAC4G9.07	3.572025e-04	-2.875790e-04	-1.010390e-04	1.685118e-04
## SPAC4G9.08c	-5.345540e-03	-3.378665e-03	-1.318752e-03	-1.128299e-03
## SPAC4G9.13c	1.292175e-03	-1.077475e-03	-1.119341e-03	1.736224e-04
## SPAC4G9.16c	-2.452653e-02	-2.451683e-02	1.525534e-03	1.404734e-02
## SPAC4G9.17c	-4.204110e-04	-1.431562e-03	-9.448391e-04	1.038136e-03
## SPAC4G9.22	-7.716709e-03	-2.890364e-03	-1.473739e-03	8.239863e-04
## SPNCRNA.811	-3.164631e-06	3.989001e-05	2.135714e-04	-8.737139e-06
## SPNCRNA.190	6.083448e-05	-8.012132e-05	4.996961e-04	6.113347e-05
## SPAC13G7.07	-1.900235e-04	-2.992321e-04	2.801085e-04	-3.068538e-04
## SPAC13G7.08c	-3.945071e-03	-2.041905e-03	4.077654e-03	1.331274e-04
## SPAC13G7.09c	2.144131e-03	-6.171425e-05	-8.937405e-04	5.994296e-04
## SPAC13G7.11	5.129276e-04	-7.974799e-04	1.534661e-03	-2.442802e-03
## SPAC6C3.02c	2.344476e-03	5.274354e-03	1.657119e-03	2.830849e-03
## SPAC6C3.04	1.441729e-03	3.598852e-04	-1.058534e-03	-9.135762e-03
## SPNCRNA.814	2.217402e-04	-2.125001e-04	-1.928065e-05	3.011324e-04
## SPAC6C3.06c	3.957240e-03	1.907240e-03	4.090523e-03	-1.952284e-04
## SPAC6C3.07	1.990156e-04	8.115873e-06	8.893089e-05	-7.670525e-05
## SPAC17G8.01c	1.624084e-03	-2.900289e-04	-7.893735e-04	-6.705092e-04
## SPAC17G8.02	-2.645645e-04	-2.393797e-03	-8.400109e-05	-8.466276e-04
## SPAC17G8.05	8.015826e-04	-4.564324e-04	-3.371176e-04	-2.026139e-04
## SPAC17G8.07	2.939775e-04	3.136014e-03	8.192506e-04	-2.412234e-04
## SPAC17G8.09	1.232822e-04	-9.597475e-05	8.103056e-05	-2.791022e-05
## SPAC17G8.10c	1.267215e-03	-1.305995e-04	5.619758e-04	-1.313016e-03
## SPNCRNA.817	5.944772e-05	7.844646e-05	-6.584779e-05	3.295676e-05
## SPAC17G8.12	1.238202e-03	-3.076194e-03	1.942087e-03	-7.031541e-04
## SPNCRNA.192	-1.008944e-04	-6.540332e-05	7.471805e-05	9.564980e-06
## SPNCRNA.819	-2.089534e-04	2.928327e-05	-1.672589e-04	-3.182506e-04
## SPAC22H10.03c	-2.697375e-03	-4.124215e-03	2.345714e-03	3.483372e-04
## SPNCRNA.821	-6.058706e-05	4.690101e-05	-3.890387e-05	1.899343e-04
## SPAC22H10.13	2.338158e-03	-6.289185e-04	-4.573661e-03	-2.529920e-04
## SPAC22H10.09	2.960164e-03	-1.612144e-03	3.346625e-04	-1.976554e-03
## SPAC22H10.10	-1.234325e-04	1.061770e-03	3.731384e-04	-4.185761e-04

## SPAC15F9.02	-1.267282e-08	1.809949e-03	-2.377592e-03	-1.943972e-03
## SPAC15F9.03c	-7.686050e-04	-4.121676e-03	-1.105823e-03	-4.271968e-04
## SPAC1B9.02c	-1.647078e-03	-1.230818e-03	-4.233723e-03	5.384233e-04
## SPAC1B9.03c	-8.442883e-03	-5.015215e-03	-4.197885e-04	-1.968830e-03
## SPAC6B12.03c	5.923279e-04	-8.245100e-04	1.492161e-04	2.915842e-04
## SPAC6B12.18	1.523805e-03	-2.384726e-04	-7.119401e-04	-1.924338e-03
## SPAC6B12.07c	-3.692348e-03	-3.405563e-03	-2.538845e-03	-1.500914e-03
## SPAC6B12.08	7.247774e-04	6.958989e-04	3.933064e-04	-7.452228e-04
## SPAC6B12.13	1.049276e-03	-1.603228e-03	-1.627714e-03	-1.327906e-03
## SPNCRNA.195	-6.429760e-05	-1.599943e-05	-3.990382e-05	-6.509935e-05
## SPAC6B12.15	1.549812e-02	-2.891616e-02	3.338406e-02	-5.050660e-03
## SPATRNLALYS.03	3.215643e-03	-1.367890e-03	1.551519e-03	-8.549764e-04
## SPAC32A11.02c	-3.149176e-02	1.045582e-02	-2.484175e-02	2.467663e-02
## SPNCRNA.828	-1.281599e-03	-1.299600e-03	4.067299e-04	1.174164e-04
## SPNCRNA.829	7.692141e-07	1.938640e-04	-2.464367e-04	-4.763423e-04
## SPAC19A8.13	-8.709282e-04	-1.041468e-04	1.564586e-03	-4.567795e-04
## SPAC19A8.12	1.901124e-03	-1.244575e-03	-1.227746e-03	2.358339e-04
## SPAC19A8.11c	-5.367766e-04	-2.326943e-03	6.995445e-04	-5.496226e-04
## SPAC19A8.10	9.433293e-04	-2.010152e-03	1.319901e-03	9.046154e-04
## SPAC19A8.09	-4.424302e-06	-4.729420e-04	1.112843e-03	-7.575720e-04
## SPAC19A8.08	3.843329e-03	1.245903e-03	-1.814745e-03	-7.495990e-04
## SPNCRNA.286	-7.331892e-05	-1.084703e-04	7.581450e-06	5.566386e-06
## SPAC19A8.07c	3.328087e-03	-2.466748e-03	-1.534399e-04	2.502387e-03
## SPAC19A8.05c	-5.294162e-04	9.344814e-04	1.280156e-03	3.598070e-04
## SPAC19A8.04	-6.327826e-03	-1.205012e-03	5.631977e-04	-4.907860e-03
## SPAC19A8.03	1.354975e-03	1.763004e-04	7.352453e-04	-4.203160e-04
## SPAC19A8.02	3.851990e-03	1.162351e-03	-3.794008e-03	-1.742107e-03
## SPAC19A8.01c	2.767458e-03	-7.235696e-04	-1.679926e-03	-2.216939e-03
## SPAC23H3.04	5.270416e-04	-7.696316e-05	1.190869e-04	7.789272e-04
## SPAC23H3.05c	1.657002e-03	7.183266e-05	2.945909e-04	-9.691574e-04
## SPAC23H3.06	2.669618e-03	-2.639059e-03	-1.522496e-04	9.240893e-04
## SPAC23H3.08c	1.376226e-03	-4.945026e-04	-1.287160e-03	-7.895447e-04
## SPAC23H3.13c	2.427471e-03	2.419795e-03	-1.995992e-03	-1.006598e-03
## SPNCRNA.197	4.565876e-05	-1.784065e-05	2.183816e-05	-4.607579e-07
## SPNCRNA.831	4.826582e-06	9.704600e-07	-3.132821e-05	-4.731966e-06
## SPAC23H3.15c	7.651696e-02	1.502790e-02	-3.057261e-02	-1.464996e-02
## SPNCRNA.833	3.988022e-05	-6.034529e-06	-7.364732e-05	2.151600e-04
## SPAC25H1.04	-7.778600e-04	-3.507255e-04	-8.368385e-04	1.958706e-03
## SPAC25H1.05	2.629846e-03	-6.740617e-04	3.378801e-03	5.574469e-04
## SPAC25H1.06	1.484459e-03	-1.405486e-04	3.097253e-03	1.221723e-03
## SPAC25H1.07	-1.011278e-03	-7.225528e-03	6.147981e-03	7.042346e-03
## SPAC25H1.08c	-2.131586e-03	3.981423e-03	-4.797756e-03	5.996924e-04
## SPAC4A8.04	2.830712e-03	8.345063e-03	-2.649260e-03	3.536784e-03
## SPAC4A8.05c	1.118228e-02	3.071000e-03	-1.814192e-03	4.452220e-04
## SPNCRNA.836	8.501752e-04	-2.911821e-04	-1.931526e-03	5.484300e-04
## SPNCRNA.837	-5.279523e-04	5.818233e-04	2.702884e-04	4.863226e-04
## SPAC4A8.07c	4.443014e-03	2.586395e-03	2.445875e-03	-1.872737e-03
## SPAC4A8.08c	3.421895e-03	2.121190e-03	-2.903507e-03	6.665015e-04
## SPNCRNA.838	2.244650e-04	-1.678215e-04	1.949600e-04	-9.112739e-04
## SPSNRNA.06	2.248595e-02	-1.766641e-03	-1.150105e-02	-3.157253e-02
## SPAC4A8.10	3.121897e-03	-3.637197e-03	-1.021890e-03	-4.899676e-03
## SPNCRNA.839	3.524785e-04	-5.222336e-05	-2.472007e-04	1.960280e-04
## SPAC4A8.12c	3.858892e-05	-1.184306e-03	-6.934261e-05	6.396777e-04
## SPAC4A8.14	3.394338e-04	-5.188508e-03	5.672058e-04	5.367635e-04

## SPATRNAILE.02	1.032122e-02	-1.758824e-02	-4.689658e-03	1.983378e-02
## SPAC823.03	-1.600806e-03	7.933846e-04	-2.460781e-03	-4.222285e-03
## SPAC823.07	1.381232e-03	-1.878016e-03	1.407136e-04	-1.301725e-03
## SPNCRNA.199	-1.868904e-04	-2.713953e-05	-8.354198e-05	-3.206010e-04
## SPAC823.11	-1.080074e-03	-4.867907e-03	3.744853e-03	1.284016e-03
## SPAC823.12	-1.073971e-03	-3.316704e-03	5.991272e-03	6.839971e-04
## SPAC823.13c	1.453805e-03	1.247598e-03	-4.258861e-04	-2.662646e-03
## SPAC823.14	-3.744359e-03	-2.579579e-03	-1.208781e-03	6.647573e-04
## SPNCRNA.841	2.770474e-04	-3.755406e-05	6.497618e-04	4.289412e-04
## SPAC823.16c	-4.358342e-04	-7.294910e-04	-6.285289e-04	-1.854786e-04
## SPAC7D4.14c	2.509377e-03	-6.112181e-04	-4.178018e-05	-1.782827e-03
## SPAC7D4.11c	2.718463e-03	6.268306e-04	-1.148087e-03	-1.374219e-04
## SPAC7D4.09c	7.288646e-04	2.983153e-04	1.507620e-03	2.131398e-04
## SPAC7D4.08	-1.422414e-04	1.191635e-04	-1.235267e-04	-1.370373e-04
## SPAC7D4.06c	2.676430e-03	-2.879049e-04	8.118663e-05	-1.827657e-03
## SPAC7D4.04	5.560746e-03	1.666582e-03	1.665209e-03	-1.889463e-03
## SPAC7D4.03c	2.472616e-03	-1.691619e-03	-7.879780e-04	2.915933e-03
## SPAC4F8.15	1.809554e-03	2.071591e-03	-1.847534e-03	-2.696359e-03
## SPAC4F8.14c	-6.060935e-03	-3.259108e-03	-7.752919e-03	-4.625260e-03
## SPNCRNA.843	8.840514e-05	-1.554226e-04	1.518802e-06	-3.803427e-05
## SPAC4F8.12c	1.349427e-02	-1.064267e-02	-2.625801e-03	-3.287575e-05
## SPNCRNA.326	-1.025206e-05	3.988122e-05	2.740074e-05	2.775456e-05
## SPAC4F8.10c	1.122125e-03	-2.432289e-03	-2.434745e-03	1.943681e-04
## SPNCRNA.200	1.355848e-05	-7.351584e-06	4.112747e-05	6.846514e-05
## SPAC4F8.07c	1.957261e-04	-2.457643e-03	-2.871485e-03	4.857308e-03
## SPAC4F8.03	1.311907e-03	-1.768249e-03	-6.067145e-04	-9.437550e-04
## SPAC4F8.02c	2.263010e-03	-7.643645e-04	-1.440023e-03	-6.908688e-04
## SPAC4F8.01	5.428769e-05	-3.570106e-04	1.855934e-05	1.589485e-04
## SPAC644.04	3.713607e-03	6.121175e-04	-5.503442e-04	-4.258866e-04
## SPAC644.05c	-2.919153e-03	1.420118e-03	-1.603484e-03	3.434838e-03
## SPAC644.08	-1.008879e-03	-2.124590e-03	-2.738720e-04	1.355315e-04
## SPAC644.11c	2.387801e-03	4.960814e-04	2.235796e-03	1.271913e-03
## SPNCRNA.202	1.347127e-05	-1.289192e-05	-3.733298e-05	-9.592376e-06
## SPAC644.14c	1.847711e-03	-1.065359e-03	4.207275e-04	7.026461e-04
## SPAC644.15	-1.432270e-03	3.049002e-02	1.259881e-02	-3.769655e-03
## SPAC644.16	-1.465022e-03	-1.089122e-03	1.737626e-03	-3.184135e-03
## SPNCRNA.845	-7.644560e-05	-1.838923e-05	-3.897353e-05	-1.637326e-04
## SPAPB2B4.02	1.648847e-03	-1.647165e-03	-4.078399e-03	-3.256037e-03
## SPAPB2B4.03	7.895133e-03	3.780196e-03	5.793498e-03	1.175843e-03
## SPAPB2B4.04c	3.248479e-03	4.822783e-03	-6.183515e-03	2.968674e-03
## SPAC6F6.02c	1.104741e-03	-8.571547e-04	5.791873e-04	-8.652765e-04
## SPAC6F6.03c	5.497860e-03	-1.207965e-02	-4.602496e-04	-6.219985e-03
## SPAC6F6.04c	1.594462e-03	1.231142e-03	1.252649e-03	-7.875768e-04
## SPNCRNA.848	7.785693e-05	-4.967535e-05	-3.509342e-04	-2.933985e-04
## SPAC6F6.08c	7.029773e-05	-8.577753e-04	3.221029e-04	-1.523728e-04
## SPAC6F6.09	3.738149e-04	-1.203061e-03	-1.749869e-04	-1.304643e-03
## SPAC6F6.10c	-6.623861e-04	-9.651510e-04	-3.858783e-03	2.427334e-03
## SPAC6F6.11c	-3.515159e-04	-7.130629e-05	7.028366e-04	6.912504e-04
## SPNCRNA.849	6.673017e-04	-1.476651e-04	-2.189859e-04	5.265798e-05
## SPAC6F6.13c	3.118808e-03	2.779046e-03	9.465479e-04	8.357922e-05
## SPAC6F6.17	5.980132e-03	-1.359611e-03	1.950758e-03	-3.619391e-04
## SPNCRNA.852	-5.665614e-05	-1.136380e-04	1.157499e-06	3.753514e-05
## SPAC1805.03c	2.726247e-04	5.969093e-04	6.339780e-04	-8.574754e-05
## SPAC1805.04	4.257836e-03	-5.142103e-03	1.875675e-04	1.270821e-03

## SPAC1805.05	5.503641e-03	-4.662568e-03	-2.760997e-03	1.042558e-03
## SPSNORNA.52	1.290068e-03	-1.080090e-03	5.605607e-03	2.851565e-03
## SPAC1805.11c	-1.539900e-03	-7.084180e-03	6.935130e-03	-1.072379e-02
## SPAC1805.14	5.372285e-03	1.039909e-03	1.858512e-03	-2.159509e-03
## SPAC1805.15c	7.831468e-04	4.355557e-05	-4.789128e-04	-1.756506e-04
## SPAC1805.16c	2.893333e-03	-2.043038e-04	1.080577e-03	-1.228536e-03
## SPNCRNA.208	1.249290e-05	1.334571e-05	6.071188e-06	-2.120995e-05
## SPAC1805.17	6.887916e-03	-1.185261e-02	9.459344e-04	-5.565924e-03
## SPAC1B2.06	1.029511e-04	-2.924235e-04	4.248355e-04	7.731708e-05
## SPAC3F10.02c	7.792210e-03	-5.701339e-05	1.467583e-03	-3.103760e-03
## SPAC3F10.05c	3.013269e-03	-6.465760e-04	-1.545158e-03	-3.253619e-03
## SPAC3F10.07c	3.106385e-04	1.229084e-04	-1.685092e-04	-6.018119e-05
## SPAC3F10.19	9.747573e-04	-2.041780e-03	2.272549e-04	-1.343139e-03
## SPAC3F10.08c	-1.810644e-03	-1.252285e-03	-8.006655e-04	6.614791e-04
## SPAC3F10.10c	1.510961e-04	5.857706e-05	1.092124e-04	1.797879e-04
## SPAC3F10.12c	4.410532e-03	-1.277474e-03	1.956187e-03	-2.271561e-03
## SPAC8F11.02c	2.745127e-03	-2.760424e-03	-8.489447e-05	-2.285970e-04
## SPAC8F11.05c	4.251900e-05	-1.420896e-04	-6.218013e-05	4.138237e-06
## SPAC8F11.06	4.638233e-04	-8.137801e-04	-1.613187e-04	7.816094e-04
## SPAC8F11.07c	1.139747e-03	-5.620291e-04	1.692816e-03	-2.663101e-04
## SPAC8F11.10c	1.463040e-02	-5.376556e-03	7.770055e-03	5.957104e-04
## SPACUNK4.13c	-9.610913e-04	-1.787156e-04	8.793219e-05	2.194714e-04
## SPACUNK4.10	-7.383558e-04	3.192076e-03	-4.735250e-03	1.931451e-04
## SPNCRNA.858	1.599304e-04	-2.223980e-04	-6.452328e-05	2.793885e-06
## SPACUNK4.07c	-9.387620e-04	-4.363373e-03	-3.634079e-03	-2.402563e-03
## SPACUNK4.06c	9.776211e-04	-2.053066e-03	3.562391e-03	-5.646529e-04
## SPAC513.01c	-1.355228e-03	-9.750978e-03	1.045766e-03	2.061047e-03
## SPAC513.02	-2.397616e-04	1.451437e-03	-1.327443e-03	3.166996e-03
## SPAC513.03	-1.523088e-03	1.056233e-03	1.048350e-04	1.204660e-03
## SPAC513.05	2.537354e-03	8.504506e-04	-5.882174e-03	2.812144e-04
## SPAC2E1P3.01	6.744338e-04	-1.414301e-03	-2.353253e-04	1.973390e-03
## SPNCRNA.859	-8.843978e-05	1.775753e-05	-4.438613e-04	3.636006e-04
## SPAC2E1P3.04	-1.164124e-03	-2.000308e-04	-3.728106e-03	-1.089208e-03
## SPAPB2C8.01	3.387640e-03	3.372522e-03	2.111173e-03	-1.016341e-03
## SPNCRNA.864	2.318576e-04	1.842754e-04	5.512835e-04	4.241910e-04
## SPAPB24D3.05c	6.265174e-05	-1.938027e-04	-9.417411e-05	1.345365e-04
## SPAPB24D3.06c	1.277044e-04	8.122183e-04	-1.989537e-03	6.465612e-04
## SPNCRNA.865	1.156994e-04	-1.291906e-04	-2.754333e-04	-1.114924e-04
## SPAPB24D3.08c	1.679411e-04	7.532902e-03	3.035715e-03	2.123675e-03
## SPNCRNA.866	6.620575e-04	7.972965e-04	-6.637731e-04	-3.219700e-04
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-4.443868e-04	-4.937663e-05	-3.386484e-05	-2.718370e-04
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-8.384596e-05	2.018193e-04	-5.653534e-04	2.435559e-04
## SPAPB1A11.03	3.335050e-04	1.035590e-03	-6.816277e-04	1.198763e-03
## SPAC31G5.01	1.639320e-05	-9.242651e-04	-7.687322e-04	1.219142e-03
## SPAC31G5.03	2.172296e-04	4.476646e-04	3.904383e-03	8.500001e-03
## SPAC31G5.05c	-3.279001e-03	8.670603e-04	-3.801819e-03	3.869155e-03
## SPAC31G5.07	-4.876605e-04	2.895895e-04	8.891006e-05	8.110235e-05
## SPAC31G5.09c	-6.481289e-05	-5.015634e-04	-6.223761e-04	5.366768e-04
## SPNCRNA.872	7.127853e-05	2.665481e-04	-7.939375e-05	3.912979e-05
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-3.601443e-04	-4.102979e-04	-3.369885e-05	-1.143056e-03
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPNCRNA.873	-1.616861e-04	-4.077773e-05	-3.822889e-05	2.110736e-04
## SPAC31G5.12c	3.078475e-04	-1.084757e-03	-2.130049e-04	9.713692e-05
## SPAC31G5.13	-1.130438e-03	-1.508016e-02	4.651517e-03	2.983285e-03
## SPNCRNA.875	1.482512e-04	-1.083298e-05	3.986576e-05	-7.161013e-05
## SPAC31G5.15	1.248188e-03	-4.716140e-05	-1.623440e-04	5.287230e-04
## SPAC31G5.17c	3.177554e-03	-9.078683e-03	1.401067e-02	4.639709e-03
## SPAC1786.01c	5.495001e-03	-9.490094e-03	8.780503e-03	-3.836206e-03
## SPAC1786.04	-5.141484e-05	-6.338951e-05	-8.473010e-05	5.001610e-05
## SPNCRNA.878	4.065990e-05	-2.150177e-04	5.146539e-05	-1.282225e-04
## SPAC24C9.03	-2.003601e-03	-1.674741e-04	-4.417746e-03	-1.276698e-03
## SPAC24C9.16c	1.317705e-04	-7.936331e-04	-5.659079e-04	-1.931207e-04
## SPATRNASER.02	1.423625e-03	-5.191573e-03	4.684323e-03	1.437243e-03
## SPAC24C9.06c	-1.524452e-02	1.349657e-02	-5.110659e-02	-2.756493e-02
## SPNCRNA.879	4.803105e-05	-6.000760e-05	-1.031323e-04	4.813288e-05
## SPNCRNA.880	3.980594e-04	6.480761e-05	8.949026e-04	-6.081421e-06
## SPNCRNA.212	5.314565e-06	4.119286e-05	3.643517e-06	1.260815e-05
## SPAC24C9.09	1.531762e-03	-2.399595e-03	1.079025e-03	-8.906777e-04
## SPAC24C9.13c	-2.742890e-04	-1.586842e-04	1.145965e-03	-3.782473e-04
## SPAC24C9.14	1.623994e-03	-4.517978e-04	1.203353e-03	-2.003293e-03
## SPNCRNA.883	1.940235e-04	-1.541780e-05	-1.609050e-04	-1.326226e-04
## SPAC24C9.15c	-1.199050e-04	-3.880139e-04	1.051908e-05	1.019420e-04
## SPAC16A10.01	-2.059108e-03	-7.026330e-04	-1.396134e-03	1.479016e-03
## SPAC16A10.03c	1.088659e-03	-2.128295e-03	-1.161080e-03	-4.714519e-03
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-1.642782e-05	8.585322e-05	3.932229e-05	2.832697e-05
## SPAC16A10.04	1.707543e-03	-2.994515e-04	-1.459938e-03	-6.815617e-04
## SPAC589.02c	1.339957e-03	6.221756e-04	-3.841911e-04	-6.463847e-04
## SPNCRNA.886	1.588093e-04	1.156409e-04	-8.714956e-05	-4.163274e-04
## SPAC589.04	1.548751e-03	-2.704118e-03	-3.475179e-04	9.001443e-05
## SPAC589.05c	-3.355426e-04	2.794043e-04	-4.685794e-04	-2.795413e-04
## SPAC589.07c	1.492105e-04	-9.177403e-06	-4.514394e-05	-2.241051e-04
## SPNCRNA.560	4.825613e-04	-3.070597e-04	3.023352e-04	2.369650e-04
## SPAC589.09	1.086749e-04	-5.102172e-03	-1.505806e-03	-1.977930e-03
## SPAC589.10c	-3.910948e-03	-4.789771e-02	-1.639362e-02	1.363747e-02
## SPAC589.12	-2.253426e-04	-8.396869e-03	2.770000e-03	1.046192e-02
## SPAC688.03c	-2.762246e-04	-4.844899e-04	6.951943e-05	-4.153437e-04
## SPAC688.04c	4.604420e-04	-1.646588e-03	-6.592910e-04	-1.738125e-04
## SPNCRNA.887	2.937642e-04	-6.094628e-04	3.279133e-04	7.553800e-05
## SPAC688.10	6.652235e-04	2.852634e-04	3.036632e-04	-6.965968e-04
## SPAC688.11	6.216869e-03	-6.454437e-03	-7.060905e-03	-9.050020e-04
## SPAC688.12c	-3.280761e-04	-1.118369e-03	7.109328e-04	2.156777e-03
## SPAC3G9.16c	-2.584827e-04	-2.306421e-04	1.361475e-04	-2.462662e-04
## SPAC3G9.14	8.599645e-03	-1.703284e-03	5.650161e-04	-3.576917e-03
## SPAC3G9.12	2.724200e-03	-2.230388e-03	-2.061324e-03	-1.477386e-03
## SPATRNAALA.03	1.909728e-03	7.508021e-04	-9.656194e-06	-7.037615e-04
## SPAC3G9.10c	3.785412e-04	1.148830e-04	6.882670e-04	-1.023061e-03
## SPRRNA.14	-1.700817e-02	-1.133938e-02	1.013814e-03	-3.090640e-02
## SPAC3G9.08	2.529521e-03	2.472572e-04	6.936963e-04	-5.286873e-05
## SPAC3G9.05	3.814344e-03	4.248872e-04	6.463872e-04	2.842927e-04
## SPAC3G9.04	1.874653e-03	3.318867e-04	-7.652619e-05	8.041694e-04
## SPNCRNA.893	5.953944e-03	-2.664450e-02	2.614579e-02	2.223802e-02
## SPNCRNA.87	-3.867550e-05	-1.780282e-04	-8.824761e-05	-4.851860e-05
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	9.405081e-04	4.121730e-05	1.993422e-04	-9.451915e-04

## SPAC1486.02c	1.704124e-03	-2.762780e-03	4.524955e-04	2.991806e-04
## SPAC1486.03c	-2.830854e-04	-7.139285e-04	-1.903328e-03	-2.503204e-04
## SPNCRNA.14	-5.068749e-05	2.987644e-05	3.482612e-05	-3.374342e-05
## SPAC1486.04c	9.314466e-03	-7.536752e-04	-4.942189e-03	-1.616097e-03
## SPAC1486.06	-5.883556e-04	-5.801122e-03	-5.629706e-04	5.997347e-04
## SPNCRNA.895	7.170833e-05	-7.817566e-06	-4.380253e-05	8.945817e-05
## SPAC1486.09	-3.189634e-03	-3.013679e-03	6.038258e-04	-4.276437e-03
## SPAC6G10.06	1.353172e-04	-5.560402e-05	-7.258542e-05	-1.034427e-04
## SPAC6G10.11c	9.163723e-03	-4.469769e-02	-3.764045e-02	3.767044e-02
## SPAC6G10.12c	3.491866e-03	-2.263111e-03	1.078631e-03	-5.210840e-04
## SPNCRNA.897	2.084844e-04	-9.548008e-05	-8.753985e-05	4.781247e-05
## SPAC6G9.01c	1.742531e-03	-1.462824e-03	5.635412e-04	-8.082108e-04
## SPAC6G9.04	2.689754e-03	-1.085687e-03	-1.810199e-04	-9.444372e-04
## SPAC6G9.05	1.422543e-03	-5.514939e-04	1.448539e-03	-3.471976e-04
## SPAC6G9.06c	4.158269e-03	1.348807e-04	5.947811e-04	-1.333512e-03
## SPNCRNA.898	-9.981938e-05	-1.325718e-04	-6.924028e-06	1.590452e-04
## SPAC6G9.07c	7.655887e-04	-5.223818e-03	-5.796169e-04	2.390178e-03
## SPAC6G9.08	-1.926420e-03	-2.702116e-03	6.135049e-04	-1.667721e-03
## SPAC6G9.10c	-9.071415e-05	-7.115791e-03	9.464612e-04	-2.485476e-04
## SPAC6G9.11	1.565802e-04	-3.090634e-03	-5.328366e-03	2.621585e-03
## SPAC6G9.13c	1.271326e-04	-1.156277e-05	-3.994837e-05	1.422962e-04
## SPAC6G9.14	-5.574824e-04	-1.030378e-03	1.345690e-04	1.073400e-03
## SPAC6G9.16c	8.873952e-04	-2.307178e-04	1.262730e-04	5.300336e-05
## SPAPB1E7.02c	-1.755035e-04	-7.540068e-04	-3.164445e-03	7.240371e-04
## SPAPB1E7.05	-3.522318e-03	-2.712102e-03	-2.184584e-03	6.348125e-03
## SPAPB1E7.08c	6.081745e-03	-1.714610e-03	-2.180100e-04	-8.019554e-04
## SPAPB1E7.09	2.806256e-03	-8.609163e-03	4.735955e-03	-3.636052e-03
## SPAPB1E7.11c	2.118617e-03	4.269148e-04	-3.912150e-04	-7.240328e-04
## SPAPB1E7.12	-4.882598e-02	-4.179636e-03	1.944619e-02	6.250987e-03
## SPAPB1E7.14	6.852361e-04	-3.912278e-04	5.638459e-04	1.247340e-03
## SPAC2E1P5.02c	-7.465351e-04	-2.710938e-04	1.314510e-04	1.298202e-04
## SPAC2E1P5.04c	6.028420e-04	-1.648125e-03	1.126550e-03	-7.871266e-04
## SPAC26A3.01	2.410390e-02	-2.778780e-03	7.620876e-03	1.157843e-04
## SPAC26A3.03c	-2.319181e-04	1.641798e-04	5.423868e-04	-5.399209e-04
## SPAC26A3.04	-8.661839e-03	-2.119395e-02	1.267324e-02	1.921144e-02
## SPAC26A3.06	1.814730e-05	-9.042042e-04	2.497704e-04	-5.786463e-04
## SPAC26A3.07c	3.526990e-03	2.135360e-03	3.537350e-03	1.080227e-02
## SPAC26A3.12c	2.905221e-03	-2.646741e-03	1.831146e-03	1.494329e-03
## SPAC26A3.11	-1.071927e-03	-1.952704e-03	1.535809e-03	1.967181e-03
## SPAC26A3.14c	1.245366e-03	-4.601542e-04	-5.307931e-04	-8.394266e-04
## SPAC26A3.16	3.418790e-03	-4.586856e-03	1.475740e-03	-2.449289e-03
## SPAC26A3.17c	-5.623446e-03	7.548929e-04	-2.739204e-03	1.058368e-03
## SPNCRNA.902	4.903208e-05	3.571276e-05	-5.947834e-05	-1.033562e-04
## SPAC8E11.10	1.960329e-02	1.003798e-02	7.728089e-03	-3.974304e-03
## SPAC8E11.07c	1.215627e-03	-6.155188e-04	-6.177813e-04	7.411776e-04
## SPAC8E11.05c	2.436205e-03	-4.443845e-03	-1.275712e-03	-3.549318e-04
## SPNCRNA.905	-3.758210e-04	2.772216e-04	-2.008983e-04	-5.743859e-04
## SPAC8E11.01c	1.407481e-03	-9.534922e-04	-8.087099e-04	-4.745933e-04
## SPAC959.04c	2.505221e-03	-5.111703e-04	-1.893886e-04	3.420063e-04
## SPAC959.10	1.673083e-05	-9.665851e-04	-5.466855e-04	-4.298673e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-7.166914e-05	-7.445555e-04	-6.385391e-04	5.130659e-04
## SPAC959.08	-2.768019e-02	-1.359593e-02	3.465948e-03	4.189827e-02
## SPNCRNA.907	1.401615e-03	6.344700e-04	4.248039e-05	-6.977461e-04

## SPAC3H5.12c	-1.256943e-03	-1.461930e-02	1.639729e-03	2.642599e-03
## SPAC3H5.11	4.499050e-04	7.227461e-04	1.848080e-05	5.928760e-04
## SPAC3H5.13	3.847949e-04	2.189541e-04	-7.965492e-05	-1.625543e-03
## SPAC3H5.09c	1.367875e-02	2.920493e-03	-8.236909e-04	-2.071949e-03
## SPAC3H5.07	-1.300363e-02	-1.478427e-02	1.952563e-02	3.434084e-02
## SPAC3H5.04	1.043326e-03	-1.757675e-03	1.995341e-04	-1.851070e-04
## SPAC3H5.05c	8.056280e-03	3.058582e-03	4.904775e-03	8.339023e-03
## SPAC3A11.14c	2.453081e-03	-6.447765e-04	-3.497852e-04	-1.361303e-03
## SPNCRNA.561	9.007113e-05	-1.418449e-04	8.500311e-05	3.192542e-05
## SPATRNAARG.01	-2.190479e-03	3.467851e-03	1.346062e-04	3.968122e-03
## SPNCRNA.908	-4.020616e-05	7.248579e-05	-5.153574e-04	2.910182e-04
## SPAC3A11.11c	1.405787e-03	-1.459464e-03	8.112503e-05	1.490216e-05
## SPAC3A11.08	3.064990e-03	5.002218e-04	1.374210e-03	-3.246289e-05
## SPAC3A11.07	2.449227e-03	-1.114808e-03	-8.075746e-03	4.148557e-03
## SPAC3A11.06	7.922737e-04	-7.905601e-04	-8.399073e-04	-3.568289e-04
## SPAC328.01c	8.058730e-03	-1.241972e-03	2.283890e-04	-1.878909e-04
## SPAC328.02	-2.033602e-03	9.506846e-04	1.247721e-03	-2.224813e-03
## SPNCRNA.911	-3.168831e-04	7.144973e-06	-1.368316e-04	7.121495e-05
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	-3.895801e-03	-1.937049e-04	4.777204e-04	6.484844e-03
## SPAC328.07c	3.375245e-05	-5.941963e-04	1.380366e-03	-1.028490e-03
## SPAC328.09	-4.874539e-04	-9.378897e-05	-2.227800e-04	-2.756595e-03
## SPNCRNA.912	7.856671e-06	-7.433472e-06	-2.290636e-05	-6.716905e-06
## SPNCRNA.913	-7.862207e-05	3.562678e-05	-7.751348e-05	-1.693006e-05
## SPAC16E8.01	1.765990e-02	-1.642421e-03	-6.499133e-03	-6.005144e-04
## SPAC16E8.04c	1.266185e-03	-2.258652e-03	-1.061442e-03	1.393862e-03
## SPNCRNA.914	4.811604e-04	5.495761e-05	7.944434e-04	2.725747e-04
## SPNCRNA.562	6.477627e-06	2.529973e-05	-8.178610e-06	4.653565e-05
## SPAC16E8.08	9.580548e-04	-4.604796e-04	3.787299e-04	-1.758667e-05
## SPAC16E8.10c	-1.700064e-03	-6.799678e-04	-5.053992e-04	1.511026e-03
## SPAC16E8.11c	6.127371e-04	-2.231057e-03	-1.878078e-03	3.848477e-05
## SPAC16E8.18	1.657144e-03	4.705791e-04	-9.188966e-05	8.221591e-04
## SPAC16E8.12c	2.365980e-03	-9.339705e-04	9.686570e-05	1.320949e-03
## SPAC16E8.14c	3.042990e-05	1.805930e-04	4.939060e-04	9.535074e-04
## SPAC16E8.16	3.222556e-03	2.916217e-03	-9.243328e-04	-2.850196e-03
## SPAC16E8.17c	4.436074e-04	-4.377513e-04	1.769182e-03	-1.531810e-03
## SPAC1B1.02c	3.420424e-03	-1.634935e-03	1.623074e-03	-1.188047e-03
## SPAC1B1.03c	-8.410800e-03	-9.294224e-04	-3.377078e-03	5.247278e-03
## SPAC1B1.04c	2.270301e-03	-6.963520e-04	-1.002872e-03	-1.255400e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	1.232216e-04	-2.059039e-04	-8.482028e-05	-1.375146e-04
## SPAC17A2.03c	-2.191450e-03	-5.807955e-03	3.921538e-03	4.732368e-04
## SPNCRNA.917	-3.885837e-06	-6.847930e-06	6.960221e-07	3.339007e-06
## SPNCRNA.918	-1.155159e-04	-6.175475e-05	-4.267897e-05	-3.804586e-05
## SPAC17A2.12	2.638577e-03	4.982282e-04	-1.301720e-03	-1.457641e-03
## SPAC17A2.13c	7.678115e-04	2.098841e-03	1.670288e-03	2.190424e-04
## SPNCRNA.919	-8.943104e-05	-7.630008e-05	-7.619550e-05	-8.039842e-05
## SPAC17A2.14	4.511723e-03	-4.358371e-03	2.228636e-03	-1.072390e-03
## SPNCRNA.600	-1.979440e-05	-2.869505e-05	-1.163272e-04	2.505916e-04
## SPAC17G6.07c	2.710383e-03	-9.362831e-04	1.797838e-03	-8.145949e-04
## SPAC17G6.09	2.132611e-03	-1.280824e-03	2.224557e-03	3.034993e-04
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	1.049442e-03	-1.549337e-03	-4.581847e-04	-1.443949e-03
## SPNCRNA.922	2.068604e-04	-1.756171e-04	-1.332291e-04	8.684091e-05

## SPAC1142.03c	-4.244350e-04	-7.157643e-04	8.435645e-04	9.151127e-04
## SPRRNA.16	5.478246e-04	-1.143890e-03	-6.029705e-04	-2.044333e-03
## SPNCRNA.924	3.424928e-06	2.326926e-06	3.447237e-05	-2.028954e-05
## SPAC8C9.03	-1.008823e-02	1.958009e-03	-4.543547e-03	4.958873e-03
## SPAC8C9.05	3.810336e-04	-8.406600e-05	-6.384865e-04	7.908829e-04
## SPAC8C9.06c	4.786584e-03	-2.608039e-03	7.982260e-04	-2.532035e-03
## SPAC8C9.10c	-1.556043e-03	2.107174e-03	-7.159750e-04	4.575746e-04
## SPAC8C9.16c	1.119805e-03	-5.333569e-05	-3.771616e-04	-2.799534e-04
## SPAC15A10.01	1.442454e-03	2.363066e-04	3.864454e-04	-7.619248e-04
## SPAC8C9.17c	1.095483e-03	6.087836e-04	7.330961e-04	-2.658003e-04
## SPAC15A10.02	2.413162e-03	-1.336549e-03	-1.014624e-03	-2.449178e-03
## SPAC15A10.03c	2.093304e-03	4.583392e-04	2.258678e-06	-9.933919e-04
## SPAC15A10.04c	-4.199685e-03	-1.009647e-02	8.528434e-03	4.307366e-03
## SPAC15A10.05c	3.015974e-04	6.842843e-04	-3.836335e-04	8.455452e-05
## SPAC15A10.07	3.063371e-03	-3.023391e-04	2.457233e-04	-5.830535e-04
## SPAC15A10.10	3.977635e-04	1.593913e-03	-1.822371e-03	-9.849821e-04
## SPATRNPAPHE.01	1.417829e-02	-1.498189e-02	-6.237050e-03	-2.776858e-04
## SPATRNAVAL.04	8.254260e-03	2.660765e-04	2.429012e-03	6.866829e-03
## SPNCRNA.929	2.324805e-04	2.021425e-04	-1.508871e-04	-3.052943e-04
## SPAC15A10.15	3.809895e-03	1.694793e-03	1.502846e-03	-4.129985e-04
## SPAC15A10.16	6.671009e-03	3.158455e-04	9.392994e-04	-3.997133e-04
## SPAC15E1.02c	2.134214e-05	-4.407455e-03	4.521795e-03	5.630360e-03
## SPAC15E1.04	1.793516e-03	-1.247732e-03	-4.048505e-03	-4.416710e-04
## SPAC15E1.06	3.455901e-04	-1.101812e-04	7.874987e-04	-1.794727e-03
## SPAC15E1.07c	8.402390e-05	-3.859066e-05	-1.379821e-04	-2.175910e-04
## SPAC15E1.08	2.639302e-03	-2.375780e-03	2.315318e-03	1.066732e-03
## SPNCRNA.931	-1.177323e-04	4.185874e-05	-4.231026e-05	-4.244655e-05
## SPNCRNA.524	-3.654732e-05	-6.877347e-05	-2.624088e-05	-4.689963e-05
## SPAP7G5.03	2.329327e-03	1.608575e-03	1.640970e-04	-1.272702e-03
## SPAP7G5.04c	-3.463903e-02	1.280154e-02	4.876936e-03	-4.430975e-02
## SPNCRNA.933	-1.263747e-04	-6.015478e-05	2.330392e-04	2.587923e-04
## SPAP7G5.06	8.485427e-03	-4.690718e-03	-1.269535e-03	-2.221380e-03
## SPATRNPAPHE.02	-9.793102e-03	2.881196e-02	3.199928e-02	6.833205e-02
## SPATRNAALA.04	-2.074995e-04	-3.548906e-04	-3.059593e-04	2.088452e-05
## SPATRNPAGLU.03	2.726836e-03	1.040184e-02	2.607477e-03	-4.623934e-03
## SPATRNPAILL.04	-9.250620e-05	1.165359e-04	-7.127158e-04	4.768509e-05
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-7.673807e-05	4.301687e-06	7.361702e-05	3.613687e-05
## SPAP4C9.02	5.820373e-04	-7.376652e-04	2.905115e-04	-8.338938e-05
## SPNCRNA.936	-3.429454e-05	1.957237e-04	-1.551774e-04	-1.225204e-04
## SPAC1556.02c	-1.249756e-02	5.023745e-03	-7.961446e-03	-1.072536e-02
## SPAC1556.06	4.131594e-04	8.572262e-05	-2.477507e-04	3.008797e-04
## SPAC1556.07	-5.040261e-03	4.533323e-03	-1.245572e-02	2.678691e-03
## SPAC1556.08c	-3.402866e-04	-2.735663e-03	1.611051e-03	7.335683e-04
## SPAC1F12.06c	2.668305e-03	-9.605480e-04	1.978152e-04	-2.964491e-04
## SPAC1F12.08	-2.779558e-04	-6.146135e-04	-8.242707e-04	-1.652062e-05
## SPAC1F12.09	1.472150e-03	-1.766566e-03	1.671177e-04	1.824781e-03
## SPAC1F12.10c	-3.366378e-03	-5.275309e-03	3.471407e-03	-5.413644e-04
## SPAC4H3.17	1.071751e-04	-9.868260e-05	-5.245002e-05	-1.340182e-05
## SPAC4H3.02c	5.405492e-04	-2.253116e-04	8.207795e-05	2.236040e-04
## SPNCRNA.938	-2.702241e-05	7.764924e-06	1.173962e-05	4.005721e-05
## SPRRNA.17	-2.155006e-03	-5.210779e-03	-5.338836e-03	-6.486349e-03
## SPAC4H3.04c	2.241961e-05	-1.192385e-03	-3.084589e-04	-1.652235e-04

## SPAC4H3.05	8.843362e-04	-1.673775e-03	-7.939408e-04	-1.285116e-03
## SPAC4H3.16	1.845995e-03	-1.000944e-03	-6.054051e-05	-9.767293e-04
## SPNCRNA.939	1.364930e-04	2.349185e-04	-5.170221e-04	-9.473087e-04
## SPAC4H3.07c	-5.624265e-04	6.945911e-04	-1.756491e-03	-1.917350e-03
## SPNCRNA.940	-1.704348e-05	-2.385438e-05	5.601025e-05	6.452482e-05
## SPAC4H3.08	2.905926e-03	4.487808e-04	3.801126e-04	1.474584e-03
## SPAC4H3.10c	-2.834419e-02	4.955843e-02	3.645044e-02	-4.726284e-02
## SPAC4H3.11c	5.742523e-04	7.187150e-04	-7.300683e-04	2.933397e-04
## SPAC4H3.13	9.874007e-04	-1.326791e-03	-7.752723e-04	-1.051734e-04
## SPAC4H3.14c	2.469821e-03	-2.715702e-03	-4.537876e-04	-9.149688e-04
## SPAC1071.04c	2.262928e-04	-3.220662e-04	2.990455e-05	1.429354e-04
## SPAC1071.07c	3.977982e-02	3.899909e-03	8.286790e-03	1.174042e-02
## SPAC1071.09c	-2.763388e-03	5.497195e-04	-5.743395e-04	-1.226357e-03
## SPNCRNA.92	-6.118986e-07	-6.195657e-06	5.715905e-06	1.856924e-06
## SPNCRNA.944	-2.180468e-06	-2.999339e-07	-1.688433e-04	-8.290330e-05
## SPAC1071.11	4.303286e-04	-8.041848e-05	4.345173e-04	-5.683653e-04
## SPNCRNA.947	-1.226981e-04	-3.932594e-04	3.137256e-04	3.237082e-04
## SPAC926.06c	4.592755e-03	1.053863e-03	1.374215e-03	-3.201314e-03
## SPAC926.07c	1.096648e-03	-1.227252e-03	-1.192704e-03	-1.302187e-03
## SPAC926.08c	-1.833394e-03	-2.678006e-03	5.679696e-03	-3.594350e-03
## SPAC323.02c	-3.193235e-03	3.677887e-04	3.953157e-03	4.342095e-03
## SPAC323.03c	9.351508e-04	-1.818643e-04	2.374511e-04	4.219865e-06
## SPAC323.04	5.149720e-04	1.557272e-03	9.953206e-04	-1.370042e-03
## SPAC323.05c	1.038317e-03	3.216504e-04	-1.366747e-04	-1.028256e-03
## SPAC323.08	-1.968225e-04	4.453631e-04	-1.992821e-04	-5.226865e-04
## SPAC2F3.01	1.681031e-03	-4.256982e-04	2.722145e-04	6.325551e-05
## SPAC2F3.17c	2.029731e-03	5.318166e-04	5.318887e-04	1.144589e-03
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-2.361236e-03	-1.962441e-03	-6.868116e-03	-1.579998e-03
## SPAC2F3.10	3.656721e-03	1.118057e-03	6.554316e-04	1.765913e-03
## SPAC2F3.13c	1.386094e-03	-1.965590e-04	4.437156e-04	5.459740e-05
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	1.341128e-03	-2.066460e-04	1.235637e-04	6.709153e-04
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	3.523920e-03	-1.934385e-04	-1.991916e-05	-7.345004e-06
## SPAC2F3.16	2.285790e-03	-2.279559e-04	4.975351e-04	-6.211145e-04
## SPAC11G7.05c	1.543622e-03	-1.121749e-03	-1.500436e-04	-7.135125e-04
## SPAC11G7.06c	-6.427421e-05	2.611579e-04	3.047953e-04	-1.180656e-03
## SPNCRNA.952	-2.831076e-04	1.680397e-04	-1.831395e-04	-4.339751e-05
## SPAPB18E9.02c	7.891009e-03	5.312672e-04	3.438920e-03	-6.467622e-03
## SPNCRNA.953	-3.807875e-05	-1.476062e-04	-5.579175e-05	-1.514339e-03
## SPAPB18E9.04c	-6.976203e-04	-8.208371e-04	4.777683e-05	-5.632439e-04
## SPNCRNA.954	1.941380e-04	1.276330e-04	-1.704361e-04	-1.729657e-05
## SPAPB15E9.06	3.820134e-04	-9.539170e-05	-2.349829e-04	1.849516e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	1.733475e-03	2.955452e-04	-1.700476e-05	-6.715709e-05
## SPNCRNA.955	-2.026058e-04	-1.045151e-04	1.076722e-06	-5.419509e-05
## SPAC27E2.03c	2.193071e-03	-1.502773e-02	-1.312982e-02	1.765021e-03
## SPAC27E2.11c	-4.476967e-06	-1.960568e-05	4.538977e-05	3.341735e-05
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	1.975756e-04	-2.218247e-04	5.882664e-05	-1.820411e-05
## SPAC27E2.12	-1.250529e-04	-4.308653e-05	3.763898e-05	3.078763e-05
## SPAC27E2.06c	1.362257e-03	-2.112007e-04	-4.845817e-06	-9.747091e-04

## SPAC27E2.07	1.942189e-03	-9.208494e-04	-1.020367e-04	-3.744583e-04
## SPAC27E2.08	-1.932866e-05	1.459522e-05	2.152880e-05	3.519437e-05
## SPAPJ698.02c	-3.153626e-03	-1.782846e-02	1.977488e-03	-7.323995e-03
## SPAC19G12.01c	2.007960e-03	-7.913877e-04	-7.645574e-04	-2.809584e-04
## SPAC19G12.03	-3.340637e-04	-7.765023e-04	1.696257e-03	-1.501688e-03
## SPNCRNA.956	2.796352e-04	-2.693035e-04	-2.566912e-04	-4.789686e-05
## SPAC19G12.05	2.583706e-03	-3.469545e-04	1.657428e-03	-8.168916e-04
## SPAC19G12.10c	-4.612160e-03	1.473642e-02	-5.807140e-03	3.490805e-02
## SPAC19G12.17	2.461581e-04	-1.576235e-04	2.782289e-04	6.652120e-04
## SPAC19G12.11	6.584658e-04	-2.590618e-03	-9.513169e-05	1.742333e-03
## SPAC19G12.12	2.110124e-03	1.719270e-03	5.094546e-04	-2.608411e-03
## SPAC19G12.15c	-1.178682e-04	-1.091283e-02	-6.391415e-03	-8.797556e-03
## SPAC19G12.16c	1.170446e-02	9.341238e-03	4.225061e-03	6.622571e-03
## SPAC23A1.02c	1.907344e-03	2.604525e-03	1.260479e-03	1.952386e-04
## SPAC23A1.03	-7.554194e-03	-1.498640e-03	4.113316e-03	5.384761e-03
## SPAC23A1.04c	2.456172e-03	-3.295307e-04	-3.302600e-04	6.839645e-04
## SPAC23A1.05	1.674488e-03	-3.328290e-03	2.359862e-03	9.494904e-04
## SPAC23A1.06c	2.105899e-03	-2.302889e-03	1.373629e-03	-1.391417e-03
## SPAC23A1.09	2.087543e-03	-1.290530e-04	1.809567e-03	2.053868e-03
## SPNCRNA.957	-3.740029e-05	-3.642958e-06	7.559568e-05	-6.882938e-05
## SPAC23A1.11	7.427536e-03	-4.917253e-03	-1.046530e-02	-6.725729e-03
## SPAC23A1.12c	-9.805238e-03	3.830803e-04	-2.088401e-03	7.149934e-04
## SPNCRNA.958	-7.013865e-05	-4.966416e-04	-4.681512e-04	-7.932986e-04
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	5.945100e-04	7.597275e-04	-1.462187e-03	-4.776450e-04
## SPAC23A1.17	3.701048e-03	-1.586746e-03	-4.140761e-03	-2.261787e-03
## SPAC23A1.18c	2.609788e-03	3.959739e-04	4.579817e-04	-1.911156e-03
## SPAC23A1.19c	4.046402e-03	1.258587e-03	-3.041055e-04	-1.692099e-03
## SPAC26H5.02c	4.817918e-04	9.670702e-04	3.221062e-04	4.079412e-04
## SPAC26H5.03	1.016648e-03	-6.873082e-05	-5.764559e-04	1.045223e-04
## SPNCRNA.959	3.651864e-04	1.926318e-04	-2.278924e-05	-2.955492e-04
## SPNCRNA.960	1.182260e-05	-1.165353e-04	-2.384895e-04	1.123308e-04
## SPAC26H5.05	1.691196e-03	-3.017347e-03	-3.155228e-03	-2.660862e-03
## SPAC26H5.06	4.561872e-04	-1.501314e-04	-6.285164e-04	3.424369e-04
## SPNCRNA.963	3.303307e-05	2.379732e-04	1.114148e-04	3.761299e-04
## SPAC26H5.11	5.130119e-03	3.415934e-03	-2.179379e-03	-4.781863e-03
## SPAC26H5.12	8.379253e-04	-4.275987e-03	-2.609615e-03	9.551347e-04
## SPAC26H5.13c	2.707935e-03	-2.413815e-04	1.300194e-03	1.078703e-03
## SPAC25B8.01	-2.190561e-03	-2.548216e-04	-1.422540e-03	1.489232e-03
## SPAC25B8.06c	8.002512e-04	-1.381109e-04	-9.460128e-04	1.502969e-03
## SPAC25B8.08	2.455289e-03	-1.134925e-03	1.648574e-03	-4.128170e-04
## SPNCRNA.966	-7.741231e-05	-7.430176e-05	1.074152e-04	1.544271e-05
## SPAC25B8.09	-2.730052e-04	-4.200885e-04	-1.850373e-03	-1.192351e-03
## SPAC25B8.12c	5.769109e-04	-9.966998e-03	3.310061e-03	1.511737e-02
## SPAC25B8.17	3.300145e-03	-8.995820e-04	1.842304e-03	-9.258259e-04
## SPAC25B8.18	9.116988e-04	-1.597927e-04	-2.117258e-04	-4.505296e-04
## SPAC25B8.19c	2.586299e-03	-2.494854e-04	-4.220638e-05	6.322421e-05
## SPAC683.03	-8.957292e-06	-6.840289e-07	2.124223e-05	1.564407e-05
## SPNCRNA.969	1.022946e-03	2.166983e-05	6.891919e-05	-1.953603e-04
## SPAC683.02c	1.215271e-03	-5.509446e-04	-7.992336e-04	-2.416644e-03
## SPAC694.02	-8.067677e-03	-7.670980e-03	1.460903e-02	1.518499e-02
## SPAC694.05c	-3.069311e-02	-9.032855e-03	-8.827992e-03	3.404951e-02
## SPAC694.06c	-2.086057e-03	4.514040e-03	-1.293694e-03	2.567121e-03
## SPAC1F7.01c	9.076878e-03	-3.886441e-03	-3.863657e-03	-2.408102e-03

## SPAC1F7.14c	3.055397e-04	4.013371e-04	-8.256723e-04	-3.265023e-04
## SPAC1F7.04	4.358969e-03	-5.315806e-03	-2.648539e-03	-5.078910e-03
## SPAC1F7.05	-1.221294e-02	9.227988e-03	-6.119151e-03	6.747486e-03
## SPNCRNA.973	1.779299e-04	-1.116334e-04	1.635614e-04	-6.349386e-05
## SPNCRNA.243	3.517494e-05	-1.625455e-05	8.080650e-05	-1.021115e-04
## SPAC1F7.08	1.616405e-02	-3.979732e-02	5.221749e-02	2.209056e-02
## SPAC1F7.09c	8.348223e-04	-3.700305e-04	-3.417010e-05	5.688850e-04
## SPAC1F7.13c	-3.510945e-02	-9.105114e-03	-1.389088e-02	3.738590e-02
## SPAC21E11.04	6.890272e-04	-3.085667e-04	3.713419e-04	-3.084562e-03
## SPAC21E11.06	3.642149e-03	1.383597e-04	-1.460589e-03	-3.250976e-03
## SPNCRNA.13	4.729652e-05	3.261657e-05	2.911265e-06	-5.425769e-05
## SPAC21E11.07	-9.878843e-04	-1.872968e-05	-1.800521e-05	1.936991e-05
## SPAC2C4.03c	7.046488e-04	-3.081849e-04	3.229198e-04	-7.989804e-04
## SPAC2C4.04c	3.120107e-04	-2.217148e-04	3.847883e-04	-4.469191e-04
## SPNCRNA.98	-6.222288e-02	-9.513030e-03	-4.591003e-02	-2.400025e-02
## SPAC2C4.07c	6.724327e-04	-6.700948e-04	-1.549897e-03	3.454799e-04
## SPAC2C4.09	7.906189e-04	-3.327843e-04	-1.632972e-05	4.385700e-04
## SPAC2C4.10c	1.148426e-03	-6.346630e-04	1.595213e-03	-3.694586e-04
## SPAC2C4.13	-7.237190e-04	-1.359686e-03	4.079720e-03	3.720447e-05
## SPAC2C4.17c	-1.793240e-02	-3.062951e-03	-5.945553e-03	5.451717e-03
## SPAC25G10.02	4.442209e-07	1.255484e-05	-1.704542e-04	2.777156e-04
## SPAC25G10.03	3.418176e-04	-2.024828e-03	3.823507e-03	-6.114056e-03
## SPAC25G10.04c	3.322111e-04	-1.422220e-04	-7.899239e-04	-1.284872e-04
## SPAC25G10.08	-3.923962e-02	-4.328880e-03	-1.316556e-02	3.020739e-03
## SPAC27F1.05c	-1.898550e-04	-2.095578e-04	-7.299069e-04	-4.584017e-04
## SPNCRNA.977	8.088327e-04	8.499782e-05	-3.235460e-04	-8.610877e-04
## SPAC27F1.10	1.523733e-05	-1.306141e-04	5.540860e-05	-1.242875e-05
## SPNCRNA.978	6.097531e-07	-4.769139e-06	2.800793e-05	-1.464427e-04
## SPAC27F1.06c	-4.721070e-03	-2.966302e-03	5.341103e-04	2.185393e-03
## SPAC23D3.04c	-3.505742e-03	2.738657e-03	6.044511e-03	-4.529309e-03
## SPAC23D3.05c	-2.425655e-04	-1.090998e-03	2.977412e-04	-5.230381e-04
## SPAC23D3.06c	3.008877e-03	-3.385154e-03	-5.742214e-04	-2.518208e-03
## SPAC23D3.07	-1.292348e-03	-6.164785e-03	1.167189e-04	2.398915e-03
## SPAC23D3.09	1.924599e-03	-1.222608e-03	-4.271143e-05	-1.196774e-03
## SPAC23D3.10c	1.801665e-03	-2.132826e-04	-1.295925e-03	-7.211521e-04
## SPNCRNA.244	-1.245019e-05	4.801769e-05	1.435946e-06	2.052865e-05
## SPAC23D3.12	2.419942e-02	-8.438178e-04	7.060029e-03	-7.515390e-03
## SPAC23D3.16	-6.596551e-04	-9.832610e-05	-1.413407e-04	-2.170418e-04
## SPAC23D3.13c	8.382675e-03	-3.234217e-03	9.676859e-04	-1.680514e-03
## SPAC23D3.14c	1.463974e-03	3.756742e-05	5.091184e-05	-2.956061e-04
## SPNCRNA.982	5.820135e-04	5.027442e-04	1.104379e-03	-5.507924e-04
## SPAC1527.01	2.147650e-03	-8.823476e-04	1.558142e-03	-1.515184e-03
## SPAC1527.02	2.308145e-03	-9.532952e-04	6.632397e-04	1.161887e-03
## SPAC1527.03	4.008130e-03	-2.820659e-03	2.865954e-03	-2.335777e-03
## SPAC30.03c	3.970398e-04	-1.522626e-03	-8.192631e-04	1.368388e-03
## SPNCRNA.983	-2.473262e-05	1.678355e-05	-6.076615e-05	-2.082168e-05
## SPNCRNA.984	-2.525361e-04	-3.585751e-04	-4.522228e-04	-4.685640e-04
## SPNCRNA.246	-2.573616e-06	-1.245323e-07	-2.694999e-05	-1.993016e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	2.195750e-03	-7.266837e-04	1.818016e-03	-1.969145e-03
## SPAC29E6.06c	2.071611e-03	6.324296e-03	-2.471239e-03	3.410771e-03
## SPAC29E6.09	2.017205e-03	-9.635143e-04	-4.517294e-04	-7.978787e-04
## SPAC29E6.10c	9.256019e-03	1.070880e-03	-1.255083e-03	-7.873121e-05
## SPAC16.02c	5.690408e-03	1.364457e-03	-7.644413e-03	1.738025e-03

## SPNCRNA.247	-3.365708e-05	-4.492690e-06	5.117733e-05	2.218902e-06
## SPAC16.04	4.662778e-03	-1.439743e-03	-8.026390e-04	-7.580169e-04
## SPNCRNA.99	-1.211776e-03	-2.735821e-04	-6.077082e-04	5.352250e-05
## SPAC9E9.02	3.938066e-04	8.320305e-04	-2.472459e-04	-2.712050e-04
## SPNCRNA.988	-3.021884e-04	-1.761235e-05	3.161439e-05	2.435999e-05
## SPAC9E9.05	1.123226e-03	8.468453e-05	3.432599e-04	-1.186680e-03
## SPAC9E9.06c	-1.486490e-02	-8.013318e-03	1.054112e-02	-5.883289e-03
## SPAC9E9.07c	-1.742955e-03	-2.929292e-03	4.555633e-03	1.224525e-03
## SPAC9E9.08	2.691150e-03	3.354385e-04	2.443001e-04	-9.843352e-04
## SPNCRNA.990	-1.260486e-05	-5.678697e-04	-2.661739e-04	-2.431403e-04
## SPAC9E9.10c	4.107290e-03	-4.655763e-04	-1.171334e-03	-6.079048e-05
## SPAC9E9.11	-3.736626e-03	-9.877103e-03	1.660067e-02	-1.013758e-02
## SPAC9E9.12c	1.241038e-03	-1.746043e-03	-1.361846e-03	-4.061015e-04
## SPAC9E9.13	-1.395499e-02	-3.452848e-02	5.202306e-03	-1.218160e-02
## SPAC9E9.14	2.719767e-03	-2.586650e-03	1.738495e-03	-1.393389e-03
## SPAC17C9.16c	6.367740e-03	-1.030939e-02	6.749410e-03	-1.498089e-03
## SPAC17C9.15c	2.372246e-03	-1.822835e-04	5.218593e-04	-2.700039e-05
## SPAC17C9.13c	4.592750e-03	-1.825269e-03	4.416974e-03	-1.275893e-03
## SPAC17C9.12	2.524956e-04	-2.997848e-03	-2.939222e-03	1.603640e-03
## SPAC17C9.11c	6.801244e-04	2.976870e-04	-4.694851e-04	-6.552847e-04
## SPAC17C9.09c	-1.395823e-03	-6.165926e-05	-3.778164e-04	7.631720e-04
## SPAC17C9.08	3.991109e-04	1.442612e-03	-2.131599e-03	1.339136e-03
## SPAC17C9.06	1.243045e-03	-2.720580e-03	-1.372297e-04	1.262921e-03
## SPAC17C9.03	6.272003e-03	-2.479646e-03	-3.772966e-03	5.032116e-05
## SPAC17C9.02c	6.436554e-04	-1.613247e-05	-2.661134e-04	1.506714e-03
## SPAC1851.02	-1.955147e-03	-6.960209e-04	-2.337495e-03	-5.349898e-04
## SPAC1851.03	2.257189e-03	-4.228914e-04	-1.468732e-03	1.032987e-03
## SPNCRNA.992	-6.984112e-04	4.437992e-04	1.072785e-04	-3.450417e-04
## SPAC27D7.03c	5.018502e-04	-3.655724e-04	-6.416063e-04	5.230183e-04
## SPAC27D7.04	7.084502e-04	-5.271844e-04	-9.307986e-04	8.654898e-04
## SPAC27D7.05c	1.918127e-04	-1.121076e-03	-9.931528e-04	3.627973e-04
## SPAC27D7.07c	1.291150e-03	-1.647929e-03	1.955161e-03	3.217274e-04
## SPAC27D7.08c	3.484597e-05	2.234846e-04	-7.668849e-04	1.401297e-03
## SPAC27D7.09c	1.462107e-02	-8.470735e-03	4.661419e-04	-4.195651e-03
## SPAC27D7.11c	9.973242e-04	1.018954e-02	-4.057888e-03	3.601691e-03
##	[,21]	[,22]	[,23]	[,24]
## SPAC212.11	-2.761094e-05	2.474203e-04	-1.031750e-04	-3.710835e-04
## SPAC212.09c	-5.010966e-04	9.989477e-05	7.429524e-05	2.170943e-04
## SPNCRNA.70	2.200152e-05	-4.516197e-07	6.543425e-06	-1.157702e-05
## SPAC212.12	-1.186612e-04	8.761723e-06	-2.048317e-05	-2.919908e-05
## SPAC212.04c	9.650681e-04	-2.517461e-04	-5.129270e-05	-2.111749e-04
## SPAC212.03	2.837024e-06	-2.428634e-06	-8.693231e-06	1.036290e-05
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	6.760530e-05	1.357332e-04	1.309180e-05	3.062830e-05
## SPAC977.03	-2.014170e-07	3.083126e-06	4.607569e-06	-4.182269e-06
## SPAC977.04	1.085081e-06	-7.215259e-06	-1.482332e-05	2.805056e-05
## SPAC977.05c	-2.130249e-05	-1.560190e-05	-4.120192e-05	-4.442696e-05
## SPNCRNA.136	-3.173323e-06	-1.466734e-05	5.246197e-06	1.063405e-06
## SPNCRNA.601	1.012461e-05	1.852457e-04	-6.120666e-04	-3.350332e-04
## SPAC977.07c	-7.137484e-06	1.527366e-05	-5.155179e-05	4.311592e-05
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	1.329561e-03	-2.241162e-04	-5.463282e-05	-1.574878e-03
## SPAC977.13c	-1.322899e-03	2.788385e-04	8.512566e-04	-4.773592e-04

## SPAC977.15	7.677563e-04	1.075891e-03	-2.143404e-04	1.954791e-04
## SPAC977.16c	1.412542e-03	2.273463e-03	1.430442e-03	-1.102822e-03
## SPNCRNA.37	-8.045837e-06	7.309702e-06	-3.869546e-06	1.388842e-05
## SPAPJ695.01c	-1.184023e-04	7.085120e-05	-1.976720e-05	-1.440518e-04
## SPNCRNA.76	-1.009678e-04	-1.481036e-04	-8.139296e-05	1.780901e-05
## SPNCRNA.603	-2.475168e-04	1.452644e-04	3.271843e-05	-4.434577e-05
## SPNCRNA.607	5.160011e-04	1.204101e-04	-1.019220e-03	-5.556212e-04
## SPAC1F8.06	1.512273e-03	-1.237966e-03	-1.321626e-03	-1.107884e-03
## SPAC1F8.08	-6.447555e-04	-5.710871e-04	-3.764582e-04	-7.326021e-04
## SPAC11D3.19	5.137183e-04	9.777259e-05	5.989071e-04	5.485744e-04
## SPAC11D3.01c	-5.537766e-03	7.210001e-03	-5.739169e-03	-1.797876e-02
## SPNCRNA.608	5.646774e-04	1.012555e-03	-7.710527e-04	-4.812377e-05
## SPAC11D3.02c	-7.029888e-04	-1.767168e-04	7.462178e-03	4.660239e-03
## SPAC11D3.03c	1.461815e-05	-5.119956e-04	6.613913e-04	-8.182248e-04
## SPAC11D3.05	-2.674513e-03	3.638932e-03	-7.364440e-04	2.083940e-03
## SPAC11D3.07c	-2.520842e-04	-1.128255e-04	1.912494e-04	-7.943277e-03
## SPAC11D3.08c	5.356872e-04	5.631764e-04	2.196266e-03	-3.162220e-03
## SPAC11D3.11c	2.001518e-03	-1.290996e-03	1.184064e-03	-1.298172e-03
## SPAC11D3.14c	3.164845e-04	2.565677e-03	4.115791e-04	-4.579538e-03
## SPNCRNA.609	-2.150646e-04	3.075889e-04	1.364442e-03	-7.648790e-04
## SPNCRNA.147	2.663864e-05	-3.107057e-05	8.913927e-06	-4.836138e-05
## SPNCRNA.610	-1.664286e-05	-9.643718e-05	9.232555e-05	9.322632e-05
## SPAC11D3.16c	-1.578925e-03	1.255836e-03	-1.077206e-03	-4.151479e-05
## SPAC11D3.18c	8.379917e-04	5.824261e-04	-3.841118e-04	-3.043336e-04
## SPNCRNA.612	-9.346433e-04	-1.050384e-04	8.750735e-04	-4.243589e-04
## SPAC5H10.01	4.069230e-04	3.127334e-04	4.616119e-04	1.256845e-04
## SPAC5H10.03	-9.496683e-03	1.472093e-02	3.420629e-03	2.226199e-02
## SPAC5H10.04	2.696924e-04	8.004541e-05	4.102854e-05	7.749251e-04
## SPAC5H10.06c	1.996736e-03	-4.158736e-03	7.605886e-03	9.312155e-04
## SPAC5H10.08c	-1.931414e-03	1.069757e-03	-1.570254e-04	-5.202282e-03
## SPAC5H10.09c	3.894855e-04	-3.904231e-05	3.262056e-04	-1.317810e-04
## SPAC5H10.10	-2.998072e-03	1.698475e-03	2.223653e-03	-2.630123e-04
## SPAC5H10.11	3.847439e-04	-2.768493e-05	7.342770e-05	1.310842e-04
## SPAC5H10.12c	6.786095e-04	-2.554455e-03	3.554596e-03	-7.139348e-03
## SPAC5H10.13c	3.646151e-03	1.670739e-03	1.584139e-03	-9.416482e-03
## SPNCRNA.617	-8.256881e-05	-2.037575e-04	-5.291107e-05	-6.290868e-05
## SPAC13G6.01c	5.223703e-03	4.396708e-04	-3.967667e-03	-1.478532e-02
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	2.921992e-03	3.413709e-03	-5.447194e-05	-2.477028e-03
## SPNCRNA.618	5.745852e-04	-3.766309e-04	-2.328445e-04	-1.307206e-04
## SPNCRNA.620	-9.557099e-05	2.112004e-04	1.986794e-04	1.152493e-04
## SPAC13G6.14	1.013301e-03	1.172416e-03	-2.028049e-03	-5.021428e-03
## SPAC13G6.15c	8.734987e-04	6.918331e-04	-1.074507e-03	2.079595e-03
## SPNCRNA.621	-2.515610e-04	4.996322e-04	1.491832e-04	5.591079e-04
## SPAC24B11.05	-1.501148e-03	3.915507e-03	2.173427e-04	1.113583e-04
## SPAC24B11.08c	-2.617255e-04	-6.105863e-04	-4.815213e-04	1.023271e-03
## SPNCRNA.142	7.462811e-05	1.031950e-05	-4.901316e-05	1.044969e-05
## SPAC24B11.09	3.456541e-04	7.214935e-04	-8.127080e-04	3.351157e-03
## SPAC24B11.11c	8.383499e-04	-2.332428e-04	6.827543e-04	-7.959829e-03
## SPAC24B11.12c	2.541929e-04	7.115109e-03	-3.416002e-03	-1.279696e-02
## SPNCRNA.624	-4.087059e-04	-2.588824e-04	6.066897e-04	-2.150310e-04
## SPAC806.02c	-2.576077e-03	-9.831324e-06	-1.309354e-04	-6.981546e-03
## SPNCRNA.625	-1.594758e-06	3.615062e-04	-1.286677e-04	-1.807318e-04
## SPAC806.11	2.051015e-04	-1.993169e-04	-9.596274e-05	1.137730e-04

## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-2.910070e-04	1.521738e-04	8.192091e-06	4.844003e-04
## SPNCRNA.627	1.460515e-04	-7.280582e-05	-5.395014e-05	6.271869e-05
## SPNCRNA.628	-5.860078e-05	-7.411576e-05	1.349616e-05	-2.334000e-04
## SPAC806.06c	2.569273e-03	-2.727406e-03	2.183080e-04	-7.137701e-03
## SPAC806.07	-2.278312e-03	-9.617087e-04	-2.721506e-03	-3.096861e-03
## SPNCRNA.630	4.098025e-04	6.701010e-04	5.565592e-04	-2.273855e-04
## SPAC1F5.11c	1.164640e-03	-7.250756e-03	-1.088320e-02	-1.162665e-02
## SPNCRNA.632	1.743073e-04	-1.330656e-04	5.001291e-05	-1.955594e-05
## SPNCRNA.633	-5.908364e-04	1.170699e-04	6.786011e-04	-4.145286e-04
## SPAC1F5.07c	-1.011636e-03	6.028575e-04	6.989659e-04	-1.054079e-03
## SPAC1F5.04c	3.686503e-04	-2.107051e-03	3.382804e-05	-3.615230e-03
## SPAC1F5.02	1.632245e-02	4.582087e-03	-6.963222e-03	-2.368223e-02
## SPNCRNA.148	-2.064000e-05	-2.293030e-05	-2.666387e-05	-2.775945e-05
## SPAC18B11.10	4.404848e-03	5.752311e-04	-3.072925e-03	-1.209099e-02
## SPNCRNA.27	-1.654776e-05	1.657737e-06	2.984532e-06	-4.673793e-07
## SPNCRNA.635	-1.264195e-04	1.313127e-04	-9.938118e-05	2.883158e-04
## SPAC18B11.09c	-1.554467e-03	-5.146148e-04	1.689131e-03	-1.455976e-03
## SPAC18B11.08c	1.467205e-03	1.274997e-03	1.111059e-03	1.739312e-03
## SPAC18B11.07c	1.988255e-03	-2.579296e-04	1.425761e-03	-5.095383e-03
## SPAC18B11.04	2.587979e-05	7.163437e-04	2.901240e-04	-3.728432e-04
## SPNCRNA.636	1.395588e-03	1.332749e-03	1.690713e-03	-4.375386e-04
## SPAC18B11.02c	1.300339e-03	1.853026e-03	2.335879e-03	-2.985044e-03
## SPAC12G12.15	1.037101e-03	1.285767e-04	-8.200056e-04	8.265955e-04
## SPNCRNA.637	5.238264e-04	2.092203e-05	-3.319964e-04	2.377357e-04
## SPAC12G12.14c	1.493115e-03	-1.841272e-04	-3.400141e-04	-2.386172e-03
## SPNCRNA.638	-1.605547e-05	3.118457e-05	-3.839625e-05	-1.853675e-06
## SPAC12G12.10	1.113923e-03	3.204823e-04	-4.284762e-03	-6.749900e-03
## SPAC12G12.09	2.454765e-03	1.244382e-04	-1.889071e-03	-1.000949e-02
## SPAC12G12.06c	2.739568e-05	5.906013e-03	-5.221395e-03	-3.882116e-03
## SPNCRNA.639	6.745414e-05	4.670206e-05	-1.032939e-04	-2.365468e-05
## SPAC12G12.03	7.411501e-03	-2.504523e-03	-8.516035e-04	-1.956161e-03
## SPAC630.05	3.763711e-04	2.900518e-04	-2.751824e-04	-5.927882e-03
## SPAC630.15	-2.902509e-04	1.067252e-03	-2.922445e-04	5.332669e-04
## SPATRNPAPRO.01	-1.547575e-03	-4.083787e-03	-3.513820e-03	2.874790e-03
## SPAC630.11	1.292075e-03	2.371962e-03	6.893028e-04	1.612028e-03
## SPAC630.12	9.706720e-04	-6.743548e-04	8.950724e-04	-5.643875e-03
## SPAC630.13c	-1.801522e-03	-1.340102e-03	-1.710642e-03	-2.264383e-03
## SPAC630.14c	-3.009912e-03	-2.638194e-03	-1.036926e-03	2.910024e-04
## SPAC1751.01c	5.532230e-04	6.212266e-04	1.183927e-03	-1.253238e-03
## SPAC1751.04	3.617048e-04	4.809246e-04	7.990482e-06	-7.098295e-04
## SPAC1751.02c	6.404074e-04	2.196188e-03	1.423227e-03	-1.328030e-03
## SPAC31A2.02	6.883047e-04	-8.270820e-04	-1.919905e-03	-7.756463e-04
## SPNCRNA.643	1.943478e-04	-2.602458e-05	-3.772207e-04	1.202604e-04
## SPAC31A2.03	5.887875e-04	-5.723297e-04	1.858902e-03	1.540773e-03
## SPAC31A2.04c	1.344295e-03	-5.447132e-04	3.375744e-03	-2.262549e-03
## SPAC31A2.06	-3.945558e-03	1.129831e-03	-3.384978e-04	-1.057235e-02
## SPAC31A2.07c	9.280151e-03	-3.958982e-03	-4.178344e-03	-1.167030e-02
## SPAC31A2.09c	-9.136863e-04	7.477701e-04	5.673724e-04	-3.136818e-03
## SPAC31A2.11c	-2.378605e-03	-6.680335e-04	-1.759882e-03	-3.443251e-03
## SPAC31A2.12	4.307113e-03	1.326481e-03	-3.520498e-04	-4.374519e-03
## SPAC31A2.13c	1.689889e-03	-7.761518e-04	5.164910e-04	-1.292943e-03
## SPAC31A2.14	5.880749e-04	3.569763e-04	-3.038971e-04	-6.168297e-04
## SPAC31A2.16	3.721306e-03	-1.325662e-03	9.523612e-04	-1.041337e-02

## SPAC13C5.01c	2.804371e-03	3.538974e-03	-1.568043e-03	2.149598e-03
## SPNCRNA.644	1.873365e-04	2.406190e-05	3.905600e-04	1.694071e-04
## SPAC13C5.04	3.415569e-03	3.792843e-03	-1.714125e-04	-1.987989e-03
## SPNCRNA.645	-3.653877e-04	4.179265e-04	-1.881738e-04	-2.781565e-04
## SPAC13C5.05c	2.332465e-03	7.554139e-05	1.959527e-03	-4.026632e-03
## SPAC13C5.06c	-2.259294e-03	2.228013e-04	-4.282230e-04	1.698313e-03
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	1.556338e-02	1.864026e-02	-1.260084e-01	-9.051963e-02
## SPAC23E2.02	2.540118e-03	-8.100457e-04	-8.906038e-04	-7.869409e-03
## SPRRNA.11	-4.445316e-02	-9.908754e-03	-8.280855e-03	3.828007e-02
## SPAC24H6.12c	1.292595e-04	8.767396e-04	-6.496786e-04	1.382155e-04
## SPAC24H6.11c	1.235030e-03	-1.683640e-03	-8.986030e-04	-4.718461e-03
## SPNCRNA.652	4.254415e-04	3.087727e-04	-3.032174e-04	-5.589139e-04
## SPAC24H6.09	6.202573e-03	-1.553571e-03	4.581984e-03	-2.561353e-03
## SPAC24H6.07	1.831993e-02	1.144175e-02	-1.021902e-02	4.334722e-02
## SPAC24H6.06	4.343302e-03	-3.196972e-04	-2.729943e-04	1.318729e-03
## SPAC24H6.04	2.218082e-02	-4.566235e-03	-1.478958e-02	-1.253502e-02
## SPNCRNA.653	-6.768191e-05	1.321153e-05	2.616701e-05	-7.369541e-05
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	1.800623e-03	-1.553976e-03	-2.127987e-03	-1.094139e-03
## SPNCRNA.654	1.075179e-04	4.786286e-05	1.446435e-04	-2.555509e-04
## SPAC24H6.01c	1.484979e-03	-5.615033e-04	-1.222289e-03	-2.358614e-04
## SPAC227.19c	3.066825e-04	-1.193881e-04	-1.609529e-04	-7.292824e-04
## SPNCRNA.655	-5.438094e-04	-7.244978e-04	9.150906e-04	-1.213901e-03
## SPAC227.05	-2.321206e-03	2.880806e-04	-2.346606e-03	1.516971e-04
## SPAC227.06	1.476403e-03	-7.046533e-04	1.488439e-03	2.102120e-03
## SPAC227.07c	-1.506144e-03	3.666468e-03	2.591747e-03	-1.076527e-03
## SPNCRNA.657	8.468266e-04	-3.722106e-04	-1.827074e-03	6.292470e-04
## SPAC227.08c	-2.575442e-04	5.838182e-04	4.815031e-04	-2.160590e-03
## SPAC227.09	-3.424937e-04	7.569656e-05	-3.473507e-04	-4.211535e-04
## SPAC227.10	-2.269008e-03	-2.275739e-03	1.956501e-04	-2.931673e-03
## SPAC227.11c	-1.167452e-05	1.485959e-03	-3.179928e-04	-3.080436e-03
## SPAC227.12	-1.556723e-03	-1.826569e-03	1.538343e-03	-4.319421e-03
## SPAC227.13c	-1.047622e-03	-8.584312e-04	3.965070e-04	3.033648e-03
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	1.445725e-03	6.081915e-04	1.467865e-03	-8.279005e-04
## SPAC2F7.04	-1.109076e-03	-2.099889e-04	-3.738728e-04	-1.695516e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	8.586906e-05	-1.589638e-04	7.116837e-04	-1.786036e-04
## SPNCRNA.661	1.196643e-03	-8.426786e-05	1.546200e-04	-3.319250e-04
## SPAC2F7.13c	9.588067e-03	2.381582e-03	-5.910980e-03	-1.125368e-02
## SPAC2F7.15	2.881985e-03	-2.461260e-04	-1.560641e-03	-9.524588e-04
## SPAC13A11.01c	9.766550e-04	4.409584e-04	-3.314254e-03	-8.692373e-03
## SPAC13A11.03	5.950196e-04	1.130415e-02	1.823636e-02	-8.759158e-03
## SPAC13A11.04c	2.050096e-03	1.641384e-04	2.767724e-03	-3.363803e-03
## SPAC13A11.05	-6.887968e-03	-7.114508e-05	1.709151e-04	3.459789e-03
## SPAC3H8.02	1.798086e-03	1.439902e-03	-1.988912e-04	-4.300777e-03
## SPAC3H8.03	2.302901e-04	2.300915e-04	-1.378641e-04	-1.365468e-03
## SPNCRNA.663	-3.450245e-05	1.279116e-04	5.802361e-04	-7.566407e-05
## SPAC3H8.04	-3.154464e-05	2.141431e-03	-2.668255e-03	-5.737853e-03
## SPNCRNA.156	-3.337517e-05	-4.036702e-05	3.652691e-06	-7.823159e-05

## SPAC3H8.08c	2.944975e-03	-3.295240e-04	1.449096e-03	-2.813400e-03
## SPNCRNA.667	2.537658e-04	4.381493e-05	2.701156e-04	3.349514e-04
## SPAC3H8.10	7.392965e-03	3.262769e-03	7.437583e-04	-1.391633e-02
## SPAC1F3.01	2.109570e-03	-1.171969e-04	-3.941461e-03	-5.956541e-03
## SPAC1F3.02c	4.296274e-03	-1.044555e-03	1.610247e-03	-1.102216e-03
## SPAC1F3.03	-9.903396e-05	6.898215e-04	4.915081e-04	5.112438e-04
## SPAC1F3.04c	5.966809e-03	-1.157740e-03	-1.530269e-03	-1.355598e-03
## SPAC1F3.05	6.164497e-04	1.869194e-03	9.274229e-04	4.327594e-05
## SPAC1F3.06c	9.360451e-03	-4.189185e-03	-1.769980e-02	-2.412078e-02
## SPAC1D4.01	-1.306881e-03	-1.424067e-03	5.537486e-04	-1.754008e-03
## SPAC1D4.02c	1.734185e-03	1.632317e-03	-2.185973e-03	-4.539371e-03
## SPAC1D4.03c	6.309988e-04	1.055767e-04	3.303458e-04	-1.984268e-03
## SPNCRNA.670	2.041505e-04	-7.929496e-05	-8.446966e-05	1.953546e-04
## SPAC1D4.05c	-5.801952e-04	3.969166e-04	-5.736647e-04	-2.426930e-03
## SPAC1D4.07c	1.385949e-04	1.384695e-04	5.901958e-05	-2.243471e-04
## SPAC1D4.10	-1.215191e-03	-7.621780e-04	-4.048235e-03	-1.320375e-03
## SPNCRNA.671	2.989325e-04	1.189891e-03	-5.445497e-04	-9.850129e-04
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	3.316422e-03	-8.928343e-04	2.300223e-03	-1.590705e-03
## SPAC1D4.14	5.729244e-03	-2.371387e-03	-2.599000e-03	-8.890187e-03
## SPAC22F3.13	3.170639e-03	-7.021869e-04	9.454014e-04	-8.810984e-04
## SPNCRNA.675	6.960585e-05	3.878620e-04	-3.274444e-04	-3.264941e-04
## SPNCRNA.158	4.284150e-05	7.938781e-05	6.912335e-05	6.430182e-06
## SPAC22F3.11c	-8.608818e-04	3.226393e-04	-1.002762e-04	-1.471447e-03
## SPAC22F3.10c	-2.023634e-03	4.370224e-03	7.230126e-04	-8.983285e-04
## SPAC22F3.08c	4.447638e-03	-3.073404e-03	-3.134119e-03	-2.946392e-03
## SPAC22F3.07c	-8.851652e-04	-9.399036e-04	1.220702e-03	-1.074323e-03
## SPAC22F3.05c	-4.863821e-05	8.546900e-04	-3.323418e-04	-5.768364e-03
## SPNCRNA.676	7.048788e-05	2.413634e-05	1.395221e-04	-1.131972e-04
## SPAC22F3.03c	-1.880553e-04	6.444562e-04	-1.729103e-03	-1.650508e-03
## SPAC1296.03c	-1.182551e-04	1.172844e-04	7.952935e-04	-1.589252e-03
## SPAC1296.04	1.270730e-03	4.815153e-05	-4.738524e-04	-3.157377e-04
## SPAC1296.05c	4.736745e-04	-1.098850e-03	-6.189326e-04	8.918828e-04
## SPAPJ696.02	2.262394e-03	4.379480e-04	-2.064034e-03	2.684066e-03
## SPAC22G7.01c	6.593627e-03	-2.477274e-03	-8.552459e-03	-1.583787e-02
## SPNCRNA.677	7.351181e-05	3.438775e-04	-2.205713e-05	-1.021174e-04
## SPAC22G7.03	3.057679e-04	3.816581e-04	-6.439467e-04	-1.189109e-03
## SPNCRNA.678	3.118002e-04	-1.672131e-05	-2.938156e-04	-2.847124e-05
## SPAC22G7.05	1.181851e-04	-4.462075e-03	-6.384263e-03	-5.205122e-03
## SPAC22G7.09c	2.141540e-03	-3.137728e-03	5.197610e-04	-2.170715e-03
## SPAC22G7.10	-1.347994e-03	1.914325e-03	-5.866039e-05	1.518643e-03
## SPAC4G8.02c	4.411433e-04	1.700606e-03	-6.057293e-03	4.763424e-03
## SPAC4G8.03c	1.077449e-03	2.891596e-05	1.850594e-03	6.802816e-04
## SPAC4G8.06c	-2.458307e-04	-3.144853e-03	-8.622282e-04	4.765565e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-3.458431e-04	5.916061e-04	-6.502612e-04	3.050313e-04
## SPAC4G8.11c	2.351367e-04	7.309166e-04	-6.819289e-04	-6.800345e-04
## SPAC4G8.12c	1.178286e-04	1.002758e-03	-6.873350e-04	3.568550e-04
## SPAC4G8.13c	3.878641e-03	-2.687173e-04	-2.735349e-03	-4.281784e-03
## SPAC16C9.05	5.017901e-03	-2.463118e-03	-1.425006e-03	-1.385152e-03
## SPAC2G11.02	4.742572e-03	-4.829109e-03	-2.347731e-03	-1.664765e-02
## SPAC2G11.03c	-2.584249e-05	-4.581129e-04	-1.351644e-03	1.901352e-03
## SPAC2G11.06	-4.675032e-04	1.564283e-04	8.717957e-04	-3.649432e-03
## SPNCRNA.688	-4.845587e-05	1.076976e-03	1.601326e-04	4.454676e-04

## SPAC2G11.07c	5.501904e-03	1.255447e-02	6.090242e-03	6.465604e-03
## SPAC2G11.09	3.830713e-03	5.683302e-04	-2.052804e-03	-6.019950e-03
## SPAC2G11.12	3.105224e-03	-3.008540e-03	-7.272340e-04	-1.035421e-02
## SPNCRNA.691	-2.736156e-04	9.720949e-05	-1.867161e-04	-1.210469e-04
## SPNCRNA.692	-1.629356e-05	-2.911688e-04	-6.230862e-04	-8.317927e-04
## SPAC521.02	-2.425610e-03	-6.943231e-04	1.680833e-04	-6.067775e-03
## SPAC521.03	-1.017957e-02	-2.129161e-02	2.092319e-02	-6.450349e-03
## SPAC521.05	-1.948761e-02	-1.125821e-02	-1.724171e-02	-5.005703e-02
## SPAC23G3.01	1.158295e-02	-2.476318e-03	-1.419035e-02	-1.912516e-02
## SPNCRNA.694	-2.035708e-04	9.840002e-05	2.157232e-04	1.507420e-04
## SPAC23G3.04	6.831431e-04	-2.814614e-04	-5.461844e-04	-9.585664e-04
## SPAC23G3.06	1.868399e-02	4.604731e-03	-2.109916e-02	-3.869206e-02
## SPAC23G3.07c	7.502223e-04	5.328401e-04	-1.830831e-03	-7.529481e-04
## SPAC23G3.08c	1.820127e-03	-6.469196e-05	-1.260416e-03	-3.668563e-03
## SPAC23G3.10c	6.958173e-04	-9.353988e-04	-1.084823e-03	-5.643711e-03
## SPAC22H12.01c	1.916544e-03	2.464148e-04	2.599880e-03	1.259183e-03
## SPAC22H12.02	7.108958e-03	-4.728258e-03	-3.151336e-03	-6.225890e-03
## SPAC22H12.05c	2.947282e-03	-1.766536e-03	-2.414024e-03	-2.377568e-03
## SPAC1687.01	2.215246e-03	1.914540e-03	3.092131e-03	1.542854e-03
## SPAC1687.04	1.878019e-03	-5.816466e-04	1.543765e-03	-9.572548e-04
## SPAC1687.05	3.828031e-03	-9.184249e-04	-2.952962e-03	-4.812900e-03
## SPAC1687.06c	4.277641e-03	-2.387985e-03	-3.504243e-03	2.000644e-04
## SPNCRNA.696	1.549802e-04	-1.302460e-05	3.559398e-04	-4.114823e-04
## SPAC1687.11	8.275541e-03	-5.876955e-03	-1.556070e-02	-3.089457e-03
## SPAC1687.12c	1.501221e-03	9.231530e-04	8.179055e-04	-2.219421e-03
## SPAC1687.14c	-2.374657e-03	1.253303e-03	-1.295826e-03	1.010722e-04
## SPAC1687.16c	-8.207945e-04	3.256377e-06	7.857231e-06	1.390305e-03
## SPNCRNA.160	-1.066979e-04	-6.999051e-05	1.005889e-04	-1.639250e-04
## SPATRNAALA.01	1.867187e-04	-3.033665e-04	-4.161221e-04	1.109644e-04
## SPAC1687.17c	3.368650e-03	3.603606e-04	2.440794e-03	-1.639492e-03
## SPAC1687.18c	4.939939e-03	-2.054317e-03	-4.276112e-03	-4.669288e-03
## SPAC1687.19c	1.934032e-03	4.648573e-04	-5.168333e-04	9.566243e-04
## SPAC1687.20c	1.808364e-03	-4.179472e-04	-7.192144e-04	3.295236e-04
## SPAC222.03c	-4.191422e-03	-4.891441e-04	1.670636e-03	-4.611513e-03
## SPAC222.19	3.036899e-05	-2.064422e-04	1.092447e-03	-5.336382e-04
## SPAC222.04c	1.889328e-03	-7.025899e-04	-2.384958e-03	5.398497e-04
## SPAC222.06	1.833045e-03	-2.651670e-03	-3.279470e-03	-2.727207e-03
## SPAC222.07c	2.138092e-03	-1.438224e-03	9.865171e-04	-5.430844e-03
## SPAC222.08c	2.721479e-03	1.348601e-03	5.172652e-04	6.381567e-04
## SPSNRNA.02	6.970444e-02	-7.573389e-03	1.482839e-02	1.349705e-01
## SPAC222.17	1.373234e-03	6.342160e-04	-1.080625e-03	1.063472e-03
## SPNCRNA.701	2.480390e-04	4.994969e-04	-4.801562e-04	-5.908169e-04
## SPAC222.15	-2.208421e-04	-2.474672e-05	-6.440000e-05	-4.184545e-04
## SPAC222.18	2.039189e-03	-1.896011e-04	1.038411e-03	-1.389629e-03
## SPAC222.16c	-4.873443e-04	1.085203e-04	1.299146e-03	-1.418087e-03
## SPAC821.05	2.930452e-03	5.551944e-03	-1.851150e-02	-6.748224e-03
## SPNCRNA.702	-1.349023e-05	1.324421e-04	4.177360e-04	-2.331943e-04
## SPAC821.06	3.776394e-03	2.308292e-04	-1.816663e-03	4.438256e-03
## SPNCRNA.703	-1.352279e-03	9.059635e-04	1.101543e-03	-3.081199e-04
## SPAC821.08c	8.005427e-03	-6.637142e-03	-7.864335e-03	-1.465183e-02
## SPAC821.09	1.991180e-02	2.967170e-02	-4.286108e-02	-3.988838e-02
## SPAC821.10c	-1.642707e-03	-3.621324e-02	2.039672e-03	-1.308975e-02
## SPAC821.12	2.541367e-03	-2.473535e-03	1.818199e-03	-2.671280e-03
## SPNCRNA.220	1.059342e-04	6.478391e-05	1.305071e-05	1.276381e-04

## SPAC139.01c	2.255113e-04	2.124055e-03	1.291653e-04	-3.415265e-03
## SPNCRNA.704	3.746268e-04	5.718532e-04	1.008149e-04	-7.253367e-04
## SPAC139.02c	2.698277e-03	-2.606911e-03	2.380997e-03	6.262332e-03
## SPAC23C4.03	3.611150e-03	1.757548e-03	-1.073378e-02	-1.338084e-02
## SPAC23C4.05c	2.398986e-04	2.333462e-03	9.935497e-03	3.264392e-04
## SPAC23C4.06c	5.175274e-04	1.015869e-03	-6.990715e-04	-1.114457e-03
## SPAC23C4.09c	5.163241e-03	8.879409e-05	1.090238e-06	-3.004192e-04
## SPAC23C4.10	3.685499e-05	1.674562e-04	-1.991393e-04	-5.132119e-04
## SPAC23C4.11	1.625898e-04	-3.365419e-03	-3.414765e-03	2.693357e-03
## SPAC23C4.13	2.048317e-03	7.869338e-04	-1.286984e-03	3.216500e-03
## SPAC23C4.14	-2.419607e-04	-1.072182e-03	-9.805671e-05	-6.019453e-04
## SPAC23C4.15	6.404778e-03	-2.278537e-03	-2.923945e-03	-2.279673e-03
## SPAC23C4.17	-1.596817e-03	2.562298e-03	-2.443560e-03	3.659249e-03
## SPAC23C4.18c	1.517514e-03	3.770820e-04	-1.187181e-03	-3.783823e-03
## SPAC1A6.01c	3.313762e-04	-2.834611e-03	4.872903e-04	-2.082311e-03
## SPAC1A6.02	-3.037680e-03	4.054005e-03	-2.751818e-03	-2.438890e-03
## SPAC1A6.03c	5.170515e-03	-1.352753e-03	3.629297e-03	-2.936919e-03
## SPAC1A6.04c	-1.974726e-03	-2.731746e-02	2.233722e-02	1.137174e-02
## SPNCRNA.710	-3.458309e-04	1.935313e-04	-5.367428e-04	-3.279182e-04
## SPAC1A6.06c	-8.237166e-04	-9.503410e-05	5.321929e-04	-5.100972e-06
## SPAC1A6.08c	1.116404e-04	-3.568561e-04	-1.425251e-04	-4.048566e-06
## SPAC30D11.14c	5.889836e-04	-2.020171e-03	1.000166e-03	-3.866980e-03
## SPATRNASER.01	-2.122831e-03	5.390480e-03	-1.858608e-03	-2.402765e-03
## SPATRNAMET.01	-1.392397e-04	8.031074e-04	-3.259460e-04	-1.927562e-03
## SPNCRNA.711	3.088110e-04	-5.448826e-06	-7.322297e-04	3.530392e-05
## SPAC30D11.07	1.207148e-03	-6.457109e-05	4.694662e-04	-4.087899e-04
## SPAC30D11.06c	5.289758e-04	-9.600637e-04	-7.025216e-04	-7.091424e-04
## SPAC30D11.05	-2.416346e-03	9.349819e-04	3.773090e-04	-1.596905e-04
## SPAC30D11.02c	-1.549202e-04	6.193135e-05	-2.828088e-04	6.229270e-04
## SPAC56F8.02	8.711836e-03	-2.961155e-03	-2.311169e-03	-8.410441e-03
## SPAC56F8.04c	5.984864e-04	-4.457072e-04	-2.096614e-03	-3.810354e-03
## SPAC56F8.06c	1.118207e-03	3.961347e-04	2.020937e-04	-2.955496e-03
## SPAC56F8.09	-1.349221e-04	2.910392e-03	-1.016734e-03	-5.474788e-03
## SPNCRNA.716	3.708034e-04	1.725076e-03	-9.087519e-04	-1.021473e-03
## SPAC56F8.12	2.562907e-04	2.476377e-04	3.786377e-04	2.767770e-04
## SPAC56F8.16	-9.252073e-04	-2.029319e-04	-4.963465e-03	-6.272303e-03
## SPAC22A12.02c	2.299271e-04	-3.219233e-05	-3.171784e-05	3.240547e-04
## SPAC22A12.04c	1.969145e-03	7.627897e-03	2.717263e-02	2.668424e-02
## SPNCRNA.717	6.707556e-05	-7.209385e-05	2.890122e-04	1.481818e-04
## SPAC22A12.07c	8.732691e-03	-3.958430e-03	1.470905e-03	-1.155874e-02
## SPAC22A12.08c	8.079824e-03	-1.377637e-03	-1.371966e-04	-6.609818e-03
## SPAC22A12.10	1.571637e-03	2.137485e-03	9.482293e-06	-3.277975e-03
## SPAC22A12.09c	-2.234245e-04	1.236016e-03	9.791256e-04	-7.180481e-05
## SPAC22A12.11	7.824735e-03	-5.780891e-03	3.301103e-04	2.896785e-03
## SPAC22A12.12c	3.138751e-03	-1.627073e-03	-1.308845e-03	-3.047424e-03
## SPAC22A12.14c	5.552610e-04	-1.383244e-03	-1.460083e-03	1.096763e-04
## SPNCRNA.719	-5.090388e-05	3.375975e-05	-7.436897e-05	-5.726354e-05
## SPAC22A12.17c	1.819315e-02	-2.653254e-02	3.369474e-02	1.455573e-02
## SPNCRNA.168	1.180815e-04	-1.071871e-04	-1.952861e-05	2.897632e-05
## SPNCRNA.720	4.401820e-04	-1.090040e-04	-3.785366e-04	3.272275e-04
## SPNCRNA.721	-1.249659e-04	1.658400e-04	-2.632519e-05	2.358449e-04
## SPAC4C5.02c	-1.857782e-04	1.234182e-03	2.138608e-04	-2.839954e-04
## SPAC4C5.03	-2.072813e-03	8.540302e-04	3.462622e-04	-3.304135e-03
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	-1.712578e-02	-1.276946e-02	-1.203749e-02	3.169510e-02
## SPNCRNA.724	3.299534e-04	-5.296895e-04	2.524197e-04	-1.718994e-03
## SPAC10F6.02c	-4.509804e-05	-5.647013e-04	-3.774631e-03	-4.938955e-03
## SPAC10F6.05c	2.066563e-04	-1.993248e-03	1.729301e-03	-4.619767e-05
## SPNCRNA.725	4.129879e-04	-2.100664e-05	9.752805e-04	-1.599659e-03
## SPAC10F6.10	3.430379e-03	6.250276e-04	-2.325612e-03	-2.974355e-03
## SPNCRNA.726	-3.098132e-04	-1.690783e-04	4.327570e-04	-1.186806e-04
## SPAC10F6.15	-6.999557e-04	-2.010133e-04	-3.091083e-04	-8.401651e-05
## SPNCRNA.432	1.583716e-04	-2.246124e-04	-2.347159e-04	2.934708e-04
## SPAC10F6.17c	7.782028e-05	6.129218e-04	2.400272e-04	-4.813351e-03
## SPAC56E4.03	-3.038278e-03	-4.788177e-03	9.119706e-03	7.915825e-03
## SPAC56E4.07	3.232689e-03	7.250968e-04	1.158363e-03	-2.106873e-03
## SPNCRNA.730	-2.468580e-04	2.058325e-04	-1.925063e-04	-1.233746e-04
## SPAC1420.02c	-1.059040e-02	4.197947e-03	2.655825e-04	-9.130964e-03
## SPAC1420.03	1.609451e-03	3.219319e-03	-2.187180e-04	1.865976e-03
## SPAC1420.04c	-9.589561e-05	1.095002e-04	5.306511e-04	-4.068734e-04
## SPNCRNA.731	1.287734e-04	-5.150527e-05	-3.217682e-04	2.147257e-04
## SPAPB17E12.02	-9.790121e-05	2.283880e-04	-3.113682e-06	-9.728979e-04
## SPAPB17E12.03	-1.821204e-04	2.013685e-03	-3.156637e-03	-2.847202e-03
## SPAPB17E12.05	1.048839e-03	-5.538486e-03	-6.947916e-03	-2.389758e-02
## SPAPB17E12.11	3.197475e-03	7.081294e-04	1.074369e-03	5.050058e-03
## SPNCRNA.732	-4.008615e-04	1.266416e-04	-5.617327e-04	6.054738e-04
## SPNCRNA.733	5.961870e-05	2.969152e-04	2.940041e-04	5.968333e-04
## SPAC1565.03	3.732068e-05	6.515243e-04	1.571192e-04	-2.840861e-04
## SPAC1565.05	9.322310e-04	1.773172e-03	1.081562e-03	-1.388640e-02
## SPAC1565.06c	-2.195955e-04	1.025154e-03	-5.389074e-03	1.486930e-03
## SPAC1565.07c	-7.840658e-05	-2.792607e-05	1.460429e-03	-6.287425e-03
## SPATRNAPRO.02	-1.708206e-01	2.601483e-01	2.711308e-01	-9.796984e-02
## SPSNORNA.53	1.272789e-02	5.410120e-03	1.243988e-02	4.383965e-03
## SPAC6F12.06	4.859947e-03	5.089150e-05	-2.733884e-03	-4.928063e-03
## SPAC6F12.07	1.340394e-03	-7.572965e-04	3.731083e-03	1.389917e-03
## SPAC6F12.08c	1.610865e-03	-4.134523e-04	1.467819e-03	-1.946195e-03
## SPAC6F12.09	-1.595658e-03	-8.488158e-04	-6.358124e-04	-3.429437e-03
## SPAC6F12.12	3.692544e-03	-1.507129e-03	-2.219721e-04	-2.117198e-03
## SPAC6F12.13c	-7.590351e-03	4.667801e-03	4.826626e-03	1.088544e-02
## SPAC6F12.15c	5.242886e-04	6.919194e-05	-2.035926e-03	-2.168979e-03
## SPAC19E9.01c	1.327927e-03	7.577917e-04	-1.730576e-03	1.804050e-04
## SPAC19E9.02	2.856384e-03	-4.871546e-04	-3.053140e-03	-7.967277e-04
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	5.285494e-05	-1.274990e-04	7.690187e-06	4.577385e-05
## SPAC19E9.03	3.741492e-03	-4.008107e-03	1.307786e-03	-7.417564e-03
## SPAC57A10.03	5.177791e-04	1.682022e-03	-5.378311e-04	-7.498177e-04
## SPAC57A10.05c	3.855566e-03	-1.550539e-03	-1.382245e-05	1.268113e-04
## SPAC57A10.06	-4.749342e-04	-1.508677e-04	-2.476867e-04	1.504369e-04
## SPAC57A10.07	2.479639e-03	1.320183e-03	-1.104153e-04	-2.361350e-03
## SPAC57A10.08c	1.093597e-03	1.439592e-04	-1.748459e-03	1.031054e-03
## SPAC57A10.09c	8.583308e-03	-6.692171e-04	2.991562e-03	3.872632e-03
## SPAC57A10.12c	-4.043589e-03	-3.604884e-03	-2.251113e-03	1.549242e-02
## SPAC20G8.04c	3.911370e-04	-3.616869e-03	-1.131450e-02	3.717022e-03
## SPAC20G8.05c	4.371808e-03	1.328545e-03	-8.146705e-03	-5.942002e-03
## SPAC20G8.06	3.563910e-03	4.149771e-04	-6.227176e-03	-7.567144e-03
## SPAC20G8.08c	2.557141e-03	-2.278783e-03	-3.585956e-03	-6.739642e-03
## SPAC20G8.09c	-1.322672e-03	-1.113463e-03	-1.102761e-02	-1.969240e-03

## SPAC20G8.10c	2.127100e-04	1.589506e-04	-2.351189e-04	-4.861905e-05
## SPAC3A12.04c	2.077006e-03	-1.923003e-03	-6.078347e-04	-4.599845e-03
## SPAC3A12.19	1.379611e-03	-3.697579e-04	-7.312595e-04	1.451182e-03
## SPAC3A12.07	-2.175885e-03	2.107905e-03	-1.338931e-03	-6.838725e-03
## SPNCRNA.741	2.145450e-04	-2.520391e-04	-7.222728e-06	6.875471e-05
## SPAC3A12.11c	-5.477869e-03	6.397135e-04	7.846449e-04	-2.282513e-03
## SPAC3A12.14	2.183818e-03	-2.120992e-03	-4.739776e-03	-3.770487e-03
## SPAC3A12.15	-2.176968e-03	1.615431e-03	4.461037e-03	-5.455118e-04
## SPSNORNA.48	-2.887379e-06	-3.585059e-05	-1.490150e-05	5.844663e-05
## SPAC3A12.18	8.346389e-03	-5.534237e-03	1.259131e-02	1.605664e-02
## SPAC9.03c	2.169700e-03	-6.825829e-03	-2.119489e-03	-2.386616e-03
## SPAC9.05	5.446341e-04	-8.302662e-04	-2.230538e-04	-3.515055e-03
## SPAC9.06c	4.575163e-04	7.033520e-04	-7.942122e-04	5.411594e-04
## SPAC9.08c	1.386687e-03	-2.047886e-03	-3.444685e-03	-5.306944e-03
## SPAC9.09	-2.854144e-02	-1.239879e-02	-7.984100e-03	-3.084465e-03
## SPNCRNA.743	-5.712463e-04	6.995416e-04	-1.085492e-03	-7.793982e-04
## SPAC9.10	-5.921569e-05	-2.456902e-03	-3.487960e-04	-2.744810e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	-9.182233e-05	-9.740355e-04	-3.117738e-03	-2.396447e-03
## SPAC5D6.10c	2.213151e-05	1.453154e-05	8.808012e-05	-1.601581e-04
## SPAC5D6.09c	7.853644e-04	-5.260752e-04	-1.525692e-04	-1.803716e-03
## SPAC5D6.07c	-1.267636e-04	1.648414e-03	1.182691e-03	-1.688414e-03
## SPAC5D6.04	-1.129803e-03	1.788498e-03	3.064314e-03	-4.783968e-03
## SPAC5D6.02c	7.358501e-04	4.833211e-04	-6.416423e-04	1.207282e-04
## SPAC57A7.10c	9.231368e-03	2.583328e-03	-6.365858e-03	-3.574766e-03
## SPNCRNA.174	5.999593e-05	-4.100505e-05	-1.331877e-04	-4.239139e-05
## SPAC57A7.08	6.892837e-03	5.140280e-05	-8.586697e-05	-6.117186e-03
## SPAC57A7.06	-1.539710e-04	-1.508625e-03	-3.028414e-03	-7.834129e-03
## SPAC57A7.04c	-1.304883e-02	-3.956404e-03	-2.213395e-04	1.511002e-02
## SPAC167.07c	3.420205e-03	-2.098154e-03	-4.546780e-03	-3.204404e-03
## SPAC167.05	2.074413e-03	5.617366e-04	-1.228463e-05	-1.546656e-03
## SPAC167.04	-4.686950e-03	2.173204e-03	-1.091696e-03	-2.866014e-03
## SPAC167.09	-9.454258e-04	7.396222e-05	3.292395e-04	6.910677e-05
## SPAC167.08	2.651098e-05	-4.661158e-05	1.066710e-05	1.863147e-04
## SPAC1705.03c	3.257945e-03	9.313366e-03	-3.981759e-02	-3.140542e-02
## SPNCRNA.80	2.238534e-05	-3.671107e-05	-5.378591e-05	4.438502e-05
## SPNCRNA.745	2.251409e-04	-5.415324e-05	1.886149e-04	1.010636e-04
## SPNCRNA.81	2.688510e-07	3.116607e-06	-1.960330e-05	4.643036e-06
## SPAC23H4.17c	2.274482e-04	1.676119e-03	-4.302972e-04	-2.644296e-03
## SPAC23H4.16c	3.195356e-04	-4.511865e-04	3.592794e-04	-2.403049e-03
## SPAC23H4.15	6.523892e-03	-4.344568e-03	-9.345526e-03	-4.860430e-03
## SPAC23H4.21	-1.956270e-04	1.264511e-04	-3.719442e-04	4.008882e-04
## SPAC23H4.13c	7.579687e-04	-1.583354e-05	1.113689e-03	-5.534299e-04
## SPAC23H4.12	2.144983e-03	-4.825367e-04	-3.794942e-03	-1.166520e-03
## SPAC23H4.08	-6.653210e-04	9.638692e-04	-5.234187e-04	-1.854329e-04
## SPAC23H4.07c	-3.759362e-03	-5.085042e-05	2.425104e-03	-1.816368e-03
## SPAC23H4.05c	3.748823e-04	-1.675433e-04	2.164433e-06	-8.999299e-04
## SPNCRNA.746	-1.056707e-04	1.091476e-04	-2.735142e-04	-5.894560e-04
## SPAC23H4.04	-3.673437e-04	-3.699859e-04	7.749777e-05	-4.875688e-03
## SPATRNATHR.01	1.519450e-02	-4.264577e-03	1.917916e-02	5.651776e-03
## SPNCRNA.747	-2.472823e-04	-1.072754e-04	4.252526e-04	-1.505933e-04
## SPAP27G11.03	5.331426e-05	1.894216e-03	-2.741496e-03	-2.537161e-03
## SPAP27G11.05c	-1.363499e-03	-1.986505e-04	1.301002e-03	-2.021437e-03
## SPNCRNA.749	3.216741e-04	6.698739e-04	1.186424e-04	3.942352e-04

## SPAP27G11.09c	-3.922495e-03	-1.574822e-03	4.048793e-04	-7.535478e-04
## SPAP27G11.14c	-1.101154e-03	-6.212081e-04	1.292513e-03	-6.200829e-03
## SPAP27G11.15	-2.074497e-04	1.018130e-03	-4.050764e-04	-3.433639e-04
## SPAC343.01c	5.697785e-03	-8.440942e-04	3.534703e-03	-4.584839e-03
## SPAC343.03	1.903963e-03	4.343392e-04	2.189914e-04	-1.162817e-03
## SPAC343.04c	1.315048e-03	-6.618050e-04	-2.186926e-03	-4.568205e-04
## SPAC343.05	7.162761e-03	-1.886661e-03	1.164622e-02	-5.414840e-03
## SPAC343.08c	1.578947e-03	2.385301e-03	-5.054375e-03	-4.201951e-03
## SPAC343.07	-4.285975e-05	7.340558e-05	-5.478126e-04	2.744362e-04
## SPNCRNA.752	2.783311e-04	5.487679e-04	-1.825267e-04	-1.292331e-03
## SPAC343.10	3.142421e-03	4.603274e-03	-7.504979e-05	-4.805786e-03
## SPAC343.11c	2.712098e-03	-1.965569e-04	3.053472e-03	-2.999142e-03
## SPAC343.20	-3.050330e-03	-2.342702e-04	-2.652141e-04	5.553936e-03
## SPAC343.17c	-2.520235e-04	-1.311233e-03	-1.203084e-03	-3.838732e-03
## SPAC343.15	7.239086e-04	-5.006390e-04	1.183752e-03	2.229550e-03
## SPNCRNA.754	-4.576385e-06	9.304180e-06	1.515814e-05	-1.627059e-05
## SPAC824.04	1.967130e-03	9.629870e-04	2.508333e-03	-4.361343e-03
## SPAC824.05	2.809031e-03	-1.430623e-03	3.711217e-04	-5.774384e-03
## SPAC824.07	2.722891e-03	-2.601663e-03	-5.253907e-04	-1.863154e-03
## SPAC824.08	3.728349e-03	7.374954e-04	3.659116e-04	-4.210902e-03
## SPATRNLALS.01	6.122248e-04	2.625704e-03	-5.628086e-03	-7.288945e-03
## SPAC664.03	3.483928e-03	-1.885575e-04	-9.443120e-05	-3.099347e-03
## SPAC664.04c	3.614689e-03	3.231830e-03	-3.891496e-03	-2.868455e-02
## SPAC664.07c	-5.222849e-04	-6.890032e-04	4.312681e-04	-1.655130e-03
## SPAC664.08c	2.106972e-03	-3.826688e-03	-5.517690e-03	-8.174594e-03
## SPAC664.09	5.503587e-03	-3.442138e-03	-1.037269e-03	-3.729584e-03
## SPAC664.10	5.235030e-03	-1.660026e-03	5.973955e-04	-8.909236e-03
## SPAC664.11	-3.078998e-02	2.793493e-02	-1.561899e-02	2.947327e-02
## SPAC664.12c	2.896779e-03	-6.704217e-04	1.595816e-04	-1.440466e-03
## SPAC664.14	4.742633e-03	9.461482e-07	-1.931678e-03	3.255200e-03
## SPNCRNA.758	9.708808e-05	2.926408e-05	7.864549e-06	-9.484224e-05
## SPACUNK12.02c	8.835308e-04	-1.103406e-03	1.632422e-03	1.066289e-03
## SPAC105.01c	9.340432e-04	-1.369471e-03	-2.634560e-03	-3.587154e-03
## SPAC17A5.18c	-5.386976e-04	5.589016e-04	-1.502586e-04	-6.033661e-04
## SPAC17A5.02c	-1.392487e-03	7.526270e-04	-1.476859e-03	-3.295244e-03
## SPAC17A5.03	-1.169687e-02	-3.340386e-03	1.920920e-02	1.471901e-02
## SPAC17A5.04c	3.981759e-04	-1.905546e-03	2.534261e-04	-7.008996e-03
## SPAC17A5.19	6.478070e-05	3.814684e-04	-1.726864e-04	-1.046136e-03
## SPAC17A5.06	4.171160e-03	-4.676038e-04	1.227232e-03	-4.979699e-03
## SPAC17A5.08	5.751756e-03	2.372227e-03	-4.375319e-03	-3.203254e-03
## SPAC17A5.10	2.448462e-04	-2.445320e-04	-5.315091e-04	1.842911e-03
## SPAC17A5.11	-2.187760e-05	-6.936349e-05	-3.698241e-05	-3.107421e-05
## SPAC17A5.12	3.139421e-03	-1.031384e-03	-1.464175e-03	-1.235376e-03
## SPAC17A5.14	3.987348e-04	-4.552140e-03	2.284297e-03	-8.419141e-03
## SPAC17A5.16	1.138437e-03	-1.453029e-03	-2.893058e-03	1.521900e-03
## SPAC1610.01	-6.572630e-04	1.105723e-03	-2.842285e-05	-1.310176e-04
## SPAC1610.02c	1.354980e-03	-2.215375e-03	-1.848711e-04	-2.492247e-03
## SPAC1610.03c	5.179413e-04	-6.143446e-04	-7.927468e-05	-2.596035e-04
## SPAC1610.04	9.687934e-04	7.956770e-04	1.360562e-03	-1.592720e-03
## SPAC1002.02	1.107661e-03	-3.482419e-04	1.152971e-03	-3.568324e-04
## SPAC1002.03c	7.557332e-03	-3.843696e-04	1.394666e-03	-1.796431e-02
## SPAC1002.04c	6.134193e-04	4.498899e-04	-1.865508e-04	-3.595780e-03
## SPAC1002.05c	-1.390002e-03	1.333357e-03	3.063021e-04	-1.707957e-03
## SPAC1002.09c	-3.448854e-03	-2.157389e-04	-1.356218e-02	8.895670e-03

## SPAC1002.12c	-5.338864e-05	1.695197e-03	5.173460e-03	3.797006e-03
## SPAC1002.20	-3.454505e-04	1.081053e-04	-7.182950e-05	1.046052e-03
## SPAC1002.19	-1.327677e-02	-2.679323e-02	1.833911e-02	8.896656e-03
## SPAC1399.04c	-2.139389e-03	1.114807e-03	-6.955616e-04	-6.274495e-03
## SPAC1399.03	1.687547e-03	-2.776637e-03	4.047291e-04	-2.831054e-03
## SPAC1399.01c	-1.009752e-03	-3.573864e-04	8.326789e-04	-3.916653e-03
## SPAP11E10.02c	1.276264e-03	3.995372e-04	9.136250e-04	7.052451e-05
## SPAPB1A10.02	1.043007e-04	1.024158e-03	8.408377e-04	-1.409586e-03
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	2.381392e-03	-3.902312e-03	-6.697302e-03	-6.786213e-03
## SPAPB1A10.07c	-6.352321e-04	2.541963e-04	7.244273e-04	-3.229208e-03
## SPNCRNA.767	-4.957631e-04	1.264205e-04	-2.205265e-04	2.045653e-04
## SPNCRNA.768	5.225144e-04	1.619655e-04	6.607201e-04	1.246187e-04
## SPAPB1A10.08	2.092519e-03	-4.305293e-04	1.854505e-05	1.203697e-03
## SPAPB1A10.10c	1.089164e-03	5.699728e-04	2.729072e-03	-1.886404e-03
## SPAPB1A10.11c	1.408495e-03	-3.992348e-04	-5.051222e-03	-2.422914e-03
## SPAPB1A10.12c	1.870856e-03	2.010722e-03	-7.577890e-04	-1.987916e-03
## SPNCRNA.769	3.133623e-05	1.217120e-03	1.074494e-03	8.876525e-04
## SPNCRNA.770	5.257412e-05	1.097455e-04	-2.725635e-04	8.504423e-05
## SPAC140.02	9.876474e-03	-2.704464e-02	-1.933964e-03	-2.291243e-02
## SPNCRNA.771	-6.342990e-04	5.126483e-04	-6.057130e-04	-1.527893e-03
## SPAC140.04	-4.381392e-04	-5.950608e-04	4.224133e-04	-8.099845e-04
## SPAC110.02	2.330031e-04	-1.098276e-04	-1.594176e-03	-3.309210e-03
## SPNCRNA.773	-1.245644e-04	1.594087e-04	2.003578e-04	9.802183e-06
## SPAC110.04c	-1.326180e-02	1.090037e-02	-3.300454e-03	1.723903e-02
## SPAP14E8.02	4.204694e-03	3.731742e-03	-1.167821e-02	-4.352650e-03
## SPAP14E8.03	3.156120e-04	8.859228e-04	-1.382530e-03	1.982195e-03
## SPAP14E8.04	5.862849e-04	-4.284542e-04	-9.992497e-04	4.936540e-04
## SPAP14E8.05c	-2.357039e-03	5.797226e-04	-3.805419e-05	-1.578732e-03
## SPAC3H1.03	4.119049e-05	1.218819e-03	9.932068e-04	-7.165495e-04
## SPNCRNA.775	2.626685e-05	6.338528e-06	2.009917e-04	-5.569027e-04
## SPAC3H1.08c	-1.400330e-03	-2.961326e-04	1.422316e-03	-5.656354e-04
## SPNCRNA.776	-6.086787e-05	-1.248689e-04	-1.330733e-04	-6.806464e-04
## SPAC3H1.10	-1.784712e-03	1.698299e-03	7.524534e-04	-2.571377e-03
## SPNCRNA.778	-4.669522e-04	5.681611e-04	5.410106e-04	-3.018429e-04
## SPNCRNA.779	-3.069909e-05	-3.498262e-04	-1.177460e-03	-5.409462e-04
## SPNCRNA.780	-6.494431e-04	-4.786877e-04	-6.459783e-05	-8.845684e-04
## SPNCRNA.782	-4.948851e-05	8.415010e-04	5.156230e-05	-3.446849e-05
## SPAC3H1.11	9.680053e-03	-2.356609e-06	-8.738938e-03	-1.196511e-02
## SPAC3H1.14	-2.746865e-04	5.558878e-05	1.069138e-03	-3.223681e-03
## SPAC9G1.05	-1.967557e-03	1.138987e-03	-2.676479e-03	-2.157900e-02
## SPAC9G1.06c	-8.034153e-04	-6.885049e-04	-4.235785e-04	-5.690478e-04
## SPAC9G1.07	9.025627e-04	3.922152e-04	-5.257762e-04	-3.658166e-05
## SPAC9G1.11c	-6.268734e-04	-2.480992e-03	-4.926409e-04	-9.471386e-03
## SPAC9G1.12	4.091872e-03	-2.002166e-03	1.580183e-04	1.543662e-03
## SPAC767.01c	1.065486e-02	-9.755522e-03	-2.887249e-03	-3.020858e-03
## SPNCRNA.786	-9.571132e-04	2.552800e-04	-2.855845e-04	-2.939383e-04
## SPAC17H9.01	2.849007e-03	2.689967e-04	-2.080259e-03	-4.147613e-03
## SPAC17H9.05	2.643122e-03	-5.941233e-03	-9.510315e-03	-7.979516e-03
## SPAC17H9.06c	-3.471978e-04	7.005629e-05	-1.239547e-03	-4.854334e-03
## SPAC17H9.07	-1.659246e-03	1.265684e-03	3.006716e-05	2.429760e-03
## SPAC17H9.08	-4.218079e-04	-3.080628e-03	-8.522904e-04	-5.579272e-03
## SPAC17H9.11	-1.084856e-03	-3.375487e-04	-2.235599e-03	1.200174e-03
## SPNCRNA.788	1.668512e-04	1.024115e-04	5.132726e-04	3.035983e-04

## SPAC17H9.18c	1.707509e-06	-9.249497e-06	2.657622e-05	-1.324243e-04
## SPAC17H9.19c	-6.663476e-05	-6.041323e-04	-6.718021e-04	-9.669144e-04
## SPAC607.02c	1.850651e-05	-7.251949e-04	-8.676964e-04	-2.868929e-04
## SPNCRNA.789	-9.767669e-05	2.177488e-04	-1.922843e-04	2.853485e-04
## SPAC607.07c	2.265783e-03	-6.088502e-05	-1.872759e-03	1.266373e-03
## SPAC607.08c	3.439013e-03	-2.178928e-03	-6.495354e-04	6.498288e-05
## SPNCRNA.186	-7.394036e-05	1.496011e-04	7.003409e-05	2.828864e-04
## SPAC607.10	4.237088e-04	1.515494e-03	3.210956e-03	-6.836371e-03
## SPNCRNA.790	6.809535e-05	4.104076e-05	-2.434983e-05	4.480042e-05
## SPAC3C7.01c	-1.174994e-03	-1.025532e-03	-3.807206e-04	-2.598537e-03
## SPAC3C7.03c	6.530081e-04	5.875090e-04	1.395821e-03	-8.045907e-04
## SPAC3C7.04	8.593794e-04	-2.824775e-03	-3.898499e-03	-1.354482e-02
## SPAC3C7.05c	-1.038188e-02	-5.979605e-03	-1.141981e-02	1.409255e-02
## SPAC3C7.06c	-1.627261e-04	7.406873e-04	-1.081164e-03	-2.897593e-03
## SPAC3C7.07c	-6.802746e-04	2.804744e-06	-5.607929e-04	3.782950e-04
## SPAC3C7.10	-1.037585e-03	-5.773515e-04	-6.966559e-04	1.126364e-03
## SPAC3C7.11c	-8.631174e-03	1.999848e-03	3.420636e-03	3.259752e-02
## SPAC3C7.12	7.630744e-04	-1.717682e-03	-1.668271e-03	-9.094477e-03
## SPAC3C7.13c	6.593252e-03	-4.435861e-03	-1.904162e-03	6.300647e-03
## SPNCRNA.792	1.094549e-04	3.988514e-04	2.398933e-04	2.197052e-04
## SPAC3C7.14c	-1.188169e-02	-2.760316e-02	-1.530358e-02	-1.033283e-02
## SPAC25A8.01c	5.208330e-03	-1.715875e-03	-7.473240e-03	-4.541347e-03
## SPAC631.01c	6.935307e-04	6.144907e-04	-7.672479e-04	-1.162763e-03
## SPAC20H4.01	2.666832e-04	3.144495e-03	-3.531379e-03	1.052592e-03
## SPNCRNA.795	-1.292228e-07	4.949332e-05	4.842821e-04	-2.255253e-04
## SPAC20H4.05c	1.011665e-03	-4.104993e-04	-1.175097e-03	-9.845649e-04
## SPAC20H4.06c	-3.226619e-05	1.418867e-04	-6.399610e-04	-4.079570e-03
## SPAC20H4.07	-1.222750e-03	1.107437e-03	1.140589e-03	-7.112586e-03
## SPNCRNA.796	3.774162e-04	2.235633e-04	-4.523466e-04	-1.027642e-03
## SPAC20H4.11c	2.076282e-05	-4.615082e-06	-8.153889e-05	-9.889411e-04
## SPAC23C11.02c	2.093466e-02	-3.285879e-03	-3.633301e-02	2.588923e-02
## SPAC23C11.06c	-2.399050e-03	-3.824883e-03	-1.478633e-03	1.061492e-02
## SPNCRNA.798	-1.204518e-04	-7.334741e-04	-1.528572e-03	1.351476e-03
## SPAC23C11.07	3.181727e-04	-9.854845e-06	1.445947e-04	2.249484e-05
## SPAC23C11.12	-1.929854e-04	2.335130e-05	5.194021e-05	-9.456503e-04
## SPAC23C11.13c	5.187529e-03	-4.056371e-03	2.163464e-03	-7.073877e-03
## SPNCRNA.187	-3.825577e-05	3.590005e-05	-6.344076e-05	9.328489e-05
## SPAC23C11.16	3.249128e-03	4.369192e-04	-1.799713e-03	-9.669839e-04
## SPAC13F5.03c	6.184633e-04	1.949620e-04	-1.245794e-04	-1.008717e-03
## SPAC13F5.04c	6.307584e-04	-3.689272e-04	-1.965866e-04	-3.211933e-04
## SPAC13F5.05	-3.471371e-04	-1.127065e-03	1.191956e-03	-3.352262e-03
## SPAC1783.01	6.770293e-04	-4.718704e-04	-3.377826e-04	-1.744343e-03
## SPAC1783.03	2.132582e-03	4.850407e-04	7.673265e-05	-1.854358e-03
## SPAC1783.05	2.935952e-03	-3.917643e-03	-5.217015e-03	-1.393750e-02
## SPAC18G6.03	2.044191e-03	3.533159e-03	-2.381280e-03	-1.454709e-02
## SPNCRNA.805	8.466406e-05	-7.706531e-05	-8.759143e-05	1.314847e-04
## SPNCRNA.188	-2.563285e-05	2.732196e-05	2.019946e-04	-6.933794e-05
## SPAC18G6.15	1.102763e-03	-3.003779e-03	-5.142301e-03	-1.842729e-03
## SPAC13D6.01	2.437199e-03	-8.103973e-05	-2.677740e-04	-6.393453e-05
## SPNCRNA.807	-1.662380e-03	9.807950e-04	6.376098e-04	4.294945e-04
## SPAC13D6.03c	3.620828e-03	7.077626e-04	1.531659e-03	-5.715654e-04
## SPAC4G9.04c	1.527199e-03	6.423011e-05	-4.599217e-04	-2.318866e-03
## SPAC4G9.03	1.488695e-04	5.564442e-03	1.045574e-02	-9.223298e-03
## SPAC4G9.05	-1.883853e-05	2.507984e-04	1.539562e-04	4.651615e-04

## SPAC4G9.06c	6.797521e-04	8.254244e-04	-6.683335e-04	-8.275398e-04
## SPNCRNA.808	-3.643804e-04	-8.789399e-05	6.821774e-04	-2.715844e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	-5.668734e-05	9.262972e-04	-6.125309e-03	4.216798e-03
## SPAC4G9.10	-2.329759e-04	-5.233385e-04	1.582007e-03	2.392441e-03
## SPAC4G9.11c	2.369360e-03	3.632394e-04	6.603013e-04	-2.361130e-04
## SPAC4G9.12	-2.119895e-03	9.589481e-05	7.727617e-03	-1.437253e-03
## SPAC4G9.14	3.234138e-04	3.449528e-04	9.938278e-04	-2.975996e-03
## SPAC4G9.15	3.774726e-03	3.368202e-03	-1.161747e-02	-8.387645e-03
## SPNCRNA.809	1.842602e-05	1.112703e-04	-1.250514e-04	5.131925e-05
## SPAC4G9.19	5.954237e-04	-3.418611e-04	-5.897349e-04	3.298881e-04
## SPAC4G9.20c	-1.459782e-03	-1.328391e-04	1.860466e-03	-1.792597e-03
## SPNCRNA.810	-4.076898e-04	-9.295714e-05	3.282473e-05	8.056662e-04
## SPAC13G7.01c	2.474496e-03	-4.523867e-03	-8.683173e-04	-6.355362e-03
## SPAC13G7.02c	4.370414e-03	-3.627173e-02	4.339514e-02	-2.291826e-02
## SPAC13G7.03	8.770482e-04	-1.362973e-04	-3.746785e-04	-1.095065e-04
## SPAC13G7.04c	2.546929e-03	-1.026124e-04	-2.847836e-03	-8.244387e-04
## SPAC13G7.05	5.617075e-04	4.490289e-04	-7.737935e-04	-3.810664e-03
## SPAC13G7.06	3.445259e-03	-4.362707e-03	6.132251e-04	5.425845e-03
## SPAC13G7.10	3.388150e-05	7.596126e-04	3.672250e-04	-1.387747e-03
## SPAC13G7.12c	-3.397087e-03	9.018253e-04	-4.891601e-04	-7.854705e-04
## SPAC13G7.13c	-4.303216e-04	-6.132739e-04	-2.186208e-06	-2.195372e-03
## SPNCRNA.812	2.417894e-04	-7.849023e-05	6.130216e-04	-1.960995e-03
## SPNCRNA.813	-6.689063e-04	7.594493e-04	-4.032917e-04	5.947285e-04
## SPAC6C3.03c	-1.934320e-04	-5.779803e-05	2.776058e-04	-1.557230e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-1.233606e-03	-2.101631e-04	-1.060512e-04	-6.226294e-04
## SPNCRNA.815	-3.995409e-04	-2.771755e-04	-3.656038e-04	-1.384048e-04
## SPAC6C3.08	-1.423301e-03	1.744784e-03	8.519562e-04	6.413730e-04
## SPAC6C3.09	8.808229e-04	-1.476607e-03	2.631634e-04	1.386202e-04
## SPNCRNA.816	-1.729482e-04	-5.750931e-05	-5.798698e-04	-1.928934e-04
## SPAC17G8.03c	2.428122e-04	-2.047686e-04	1.162349e-03	4.045697e-04
## SPAC17G8.15	4.263750e-04	2.836021e-04	7.372122e-04	-7.461615e-04
## SPAC17G8.04c	4.312102e-04	-6.696591e-04	-6.345842e-04	1.057683e-03
## SPAC17G8.06c	1.775073e-02	-4.416519e-03	-9.812703e-03	8.358372e-03
## SPAC17G8.08c	6.845481e-04	3.846674e-03	2.005425e-03	-2.334021e-03
## SPAC17G8.11c	1.861787e-04	-1.291681e-03	4.770418e-04	-1.789666e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	2.868130e-04	6.168668e-04	-2.023643e-03	1.285823e-03
## SPAC17G8.14c	-8.058252e-04	1.146178e-04	2.252027e-04	8.558780e-04
## SPNCRNA.818	-1.203462e-05	-1.545139e-04	-6.837119e-05	5.407313e-05
## SPAC22H10.02	-7.464452e-05	-2.361871e-04	-3.351420e-04	7.543883e-04
## SPNCRNA.820	1.609096e-04	-1.196582e-04	3.361832e-04	2.082005e-04
## SPAC22H10.04	1.805963e-03	-7.489355e-05	5.678885e-04	-2.635100e-03
## SPAC22H10.05c	2.681500e-03	7.505407e-04	1.679557e-03	-8.759113e-03
## SPAC22H10.06c	-6.074440e-05	3.985223e-05	4.381502e-05	8.212385e-05
## SPAC22H10.07	-1.381385e-04	-2.001245e-03	-9.282385e-04	-1.943363e-03
## SPAC22H10.08	-6.983292e-05	-2.689088e-03	-5.631382e-04	-2.019860e-03
## SPAC22H10.11c	3.235219e-03	-5.811606e-03	-1.635321e-03	-1.288422e-03
## SPAC22H10.12c	4.034413e-03	5.860232e-04	1.165716e-02	7.565400e-03
## SPAC15F9.01c	6.146414e-05	-8.863935e-05	4.850899e-06	4.186340e-05

## SPNCRNA.822	-3.870542e-05	-2.581202e-05	-1.880619e-04	4.858132e-05
## SPNCRNA.193	-6.611353e-05	-3.954365e-05	-7.333970e-05	-4.762190e-05
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	7.690376e-03	5.585853e-04	-1.378430e-03	-7.015799e-03
## SPAC6B12.04c	2.191538e-03	1.073916e-03	-1.232015e-03	2.437557e-03
## SPNCRNA.824	6.006456e-05	-1.769252e-04	6.756359e-06	-6.244530e-05
## SPAC6B12.05c	1.601782e-04	-2.214119e-03	3.840917e-03	-4.603661e-03
## SPAC6B12.06c	-2.055574e-03	3.948921e-04	6.894334e-04	-1.041185e-03
## SPNCRNA.194	-2.169417e-04	1.440116e-04	-6.242263e-05	2.876907e-04
## SPNCRNA.825	5.818393e-05	-2.601305e-04	-1.901705e-04	1.248997e-04
## SPAC6B12.19	-3.225441e-04	1.297553e-04	2.555803e-04	-7.821345e-04
## SPAC6B12.09	1.273752e-03	2.599098e-03	-1.099407e-03	2.071623e-05
## SPAC6B12.10c	1.736993e-03	-2.588373e-04	-1.185864e-03	5.926091e-04
## SPAC6B12.11	7.988346e-04	-1.055067e-03	5.100145e-04	1.213095e-04
## SPNCRNA.43	-2.301070e-05	4.161931e-05	-1.349506e-04	3.608229e-05
## SPATRNATHR.02	4.207405e-03	-3.264076e-04	6.830591e-04	-1.112541e-02
## SPAC6B12.12	1.541362e-02	1.214092e-02	-1.605611e-02	-7.398682e-03
## SPAC6B12.14c	7.849451e-04	-1.164153e-03	5.380342e-04	-2.665900e-03
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	-1.558978e-05	8.085328e-05	-3.109460e-05	1.073092e-05
## SPAC6B12.16	4.476328e-04	-1.255561e-04	1.360716e-04	-5.529997e-05
## SPNCRNA.827	-2.597368e-04	2.755787e-04	1.291519e-04	-2.901506e-05
## SPAC32A11.04c	7.941539e-03	-4.248524e-03	4.467232e-03	3.926749e-03
## SPAC32A11.01	2.080611e-03	-9.342076e-04	8.582429e-04	5.093168e-04
## SPAC32A11.03c	7.186691e-04	3.887778e-04	1.431510e-03	-9.273374e-03
## SPAC19A8.15	-1.069657e-02	1.011139e-02	1.141249e-02	1.201112e-02
## SPAC19A8.14	5.205498e-04	1.532374e-03	7.371007e-04	-4.050174e-03
## SPAC19A8.16	-4.457894e-03	9.886711e-04	-6.926237e-03	8.222218e-03
## SPAC19A8.06	-1.387252e-03	4.825430e-04	1.115479e-03	-4.463610e-03
## SPAC23H3.02c	2.092093e-03	1.644445e-03	1.642782e-03	1.675471e-03
## SPAC23H3.03c	3.745801e-04	4.293741e-04	1.421515e-03	-1.974783e-03
## SPNCRNA.558	5.977860e-06	5.662904e-06	-6.222764e-06	1.062651e-05
## SPNCRNA.830	2.949555e-04	-1.377151e-04	-1.626733e-04	-1.181440e-03
## SPAC23H3.07c	-7.111061e-05	6.102762e-04	1.380654e-03	-2.836540e-03
## SPAC23H3.09c	-1.373128e-03	-8.995766e-03	5.897975e-03	6.748162e-03
## SPATRNACYS.02	2.327694e-03	2.273175e-03	-2.808744e-03	-3.042282e-03
## SPAC23H3.10	1.278465e-03	1.062658e-03	-2.116718e-03	-5.796087e-03
## SPAC23H3.11c	1.631066e-03	-7.846203e-04	-5.160418e-04	-1.289692e-03
## SPAC23H3.12c	8.865600e-04	4.535761e-04	9.827225e-04	-1.114172e-03
## SPAC23H3.14	2.460844e-03	-1.234205e-03	-6.415505e-04	4.519248e-04
## SPNCRNA.832	-3.937173e-04	1.154938e-03	-1.628182e-04	6.450980e-04
## SPAC25H1.02	3.183332e-03	-6.055646e-04	1.893442e-03	-1.113805e-03
## SPAC25H1.03	-4.632147e-05	1.132138e-03	-3.635980e-04	5.161438e-03
## SPAC25H1.10c	-8.596667e-04	6.702536e-04	-2.695959e-03	-2.289991e-03
## SPAC25H1.09	-3.566993e-04	-1.893831e-04	-1.327023e-03	-4.498215e-04
## SPAC4A8.02c	1.229143e-03	1.949318e-03	1.931959e-04	4.157391e-04
## SPAC4A8.03c	3.558974e-03	1.119076e-03	2.263841e-03	-1.582086e-03
## SPNCRNA.834	-5.905564e-04	8.622426e-04	-8.395741e-05	-4.613808e-04
## SPNCRNA.835	8.737932e-05	-5.634478e-05	-1.208416e-04	-5.276953e-05
## SPAC4A8.06c	2.377060e-03	1.124510e-03	-1.298216e-03	-1.098449e-02
## SPAC4A8.09c	2.999756e-04	1.502338e-03	1.577973e-03	-3.069239e-03
## SPAC4A8.11c	-5.157311e-02	-5.647973e-03	-4.177609e-02	4.477805e-02
## SPAC4A8.13c	-5.062345e-03	1.219081e-03	5.003457e-03	-9.638790e-03
## SPAC4A8.15c	8.720260e-03	1.490703e-03	-8.530097e-03	-3.720406e-03

## SPAC4A8.16c	2.069758e-02	-1.999591e-02	-2.926151e-02	1.506620e-02
## SPNCRNA.840	-1.457498e-04	-1.798472e-04	-6.041076e-04	1.353363e-03
## SPAC823.02	-4.091404e-03	5.935214e-03	6.785024e-04	4.987264e-03
## SPAC823.04	-1.580817e-03	-1.682462e-03	-1.577457e-04	-4.299146e-03
## SPAC823.05c	-1.738080e-03	-5.820001e-04	-2.551855e-03	-3.570842e-03
## SPAC823.06	2.757138e-04	-6.967881e-04	4.743846e-04	4.954735e-04
## SPAC823.08c	1.059237e-03	-1.814460e-03	-3.600730e-05	-1.679948e-03
## SPAC823.09c	9.539476e-04	2.672932e-04	2.082007e-03	-2.456405e-03
## SPAC823.10c	-9.791053e-04	1.106161e-03	-3.010797e-04	-1.895755e-03
## SPAC823.15	-1.005544e-03	8.290833e-04	-6.744842e-05	-4.233119e-05
## SPAC7D4.13c	2.674784e-03	-1.056676e-03	-2.093414e-03	-4.344707e-04
## SPAC7D4.12c	-1.690613e-04	3.745804e-04	-1.079107e-03	-7.956909e-04
## SPAC7D4.10	8.547502e-04	-7.370479e-04	7.722869e-05	-2.101480e-03
## SPNCRNA.842	1.829922e-04	-6.704107e-05	2.818361e-05	-6.394188e-06
## SPAC7D4.15c	7.158741e-04	-4.484508e-04	9.170046e-04	7.051692e-04
## SPAC7D4.07c	-1.199866e-02	5.346173e-03	1.296040e-02	1.886082e-02
## SPSNORNA.12	-8.636343e-03	4.344530e-02	5.220617e-02	-1.840448e-02
## SPAC7D4.05	-1.991913e-03	1.430966e-03	2.291485e-04	-3.244315e-03
## SPAC7D4.02c	8.495148e-04	-4.875899e-04	-7.994701e-04	-2.790383e-03
## SPAC4F8.13c	1.011962e-02	-3.146557e-03	-6.140180e-04	-1.550070e-02
## SPAC4F8.11	1.047647e-03	1.606767e-04	-2.170074e-03	-1.266774e-04
## SPAC4F8.08	-1.284563e-04	-1.355395e-04	-4.350114e-05	-9.887112e-05
## SPNCRNA.201	1.243390e-04	1.808406e-06	8.799504e-05	2.249058e-04
## SPAC4F8.06	3.065788e-03	-3.904357e-04	-4.665260e-04	-1.346606e-03
## SPAC4F8.05c	1.137572e-03	-6.407018e-04	-1.604665e-03	-1.967134e-03
## SPAC4F8.04	5.203559e-03	2.217511e-04	3.369705e-03	-1.058608e-03
## SPAC644.06c	4.054927e-03	1.252166e-04	-6.404817e-04	1.013217e-03
## SPNCRNA.844	-7.203745e-05	5.452067e-04	6.924061e-04	1.377720e-03
## SPATRNLALYS.04	-1.518965e-03	-6.683966e-04	-8.226950e-04	8.918549e-04
## SPAC644.07	3.453024e-03	-1.800036e-03	-5.004555e-04	-1.248958e-03
## SPAC644.09	-1.841152e-03	2.202645e-03	1.468267e-03	-7.828270e-03
## SPAC644.10	9.849946e-04	1.542352e-03	-3.511863e-05	-6.354199e-04
## SPAC644.12	2.132955e-03	-3.686122e-03	-1.427748e-03	-1.032282e-02
## SPAC644.13c	-1.057481e-04	5.237960e-03	9.930726e-04	-5.886366e-03
## SPAC644.17c	-5.198369e-04	1.804831e-03	9.258043e-04	8.497582e-04
## SPNCRNA.198	-9.648245e-05	-3.198879e-05	-3.685821e-05	-2.503477e-05
## SPAC644.18c	1.951701e-03	-7.805407e-04	4.166733e-04	-1.024606e-03
## SPAPB2B4.01c	-6.365602e-04	1.999571e-04	-7.385083e-04	1.769271e-03
## SPSNORNA.54	4.581622e-03	1.232018e-02	2.111865e-02	-8.320186e-03
## SPNCRNA.846	1.102803e-04	-1.281621e-04	1.287646e-04	3.598363e-04
## SPAPB2B4.05	2.294723e-03	1.785877e-03	3.753199e-03	3.555823e-04
## SPAPB2B4.06	3.792083e-04	2.755299e-04	-2.146827e-03	-1.252644e-03
## SPAPB2B4.07	1.097628e-03	-1.365519e-03	-1.992016e-03	-4.723812e-03
## SPAC6F6.01	4.636601e-03	-2.170054e-03	-1.180302e-03	-9.198002e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-2.060922e-05	-2.639515e-05	2.222685e-05	-1.168218e-04
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	1.614440e-05	4.676990e-05	4.209229e-05	2.404614e-04
## SPAC6F6.05	-2.967845e-03	4.960205e-03	-3.041301e-03	4.669590e-03
## SPAC6F6.06c	7.857550e-03	3.930700e-03	-2.335496e-03	-7.716244e-03
## SPAC6F6.07c	-9.368065e-03	2.658687e-02	1.139069e-02	4.648113e-02
## SPAC6F6.12	-2.843396e-03	1.012003e-03	-3.616858e-03	-2.144045e-03
## SPNCRNA.850	-1.173650e-05	2.452148e-04	1.960442e-04	-2.152203e-04
## SPNCRNA.851	1.822639e-04	-8.958815e-05	1.902525e-04	-2.375846e-04

## SPAC6F6.19	1.047581e-03	-9.305418e-04	6.330910e-05	5.334371e-05
## SPAC6F6.15	6.349404e-04	-5.556794e-04	3.501805e-03	-2.625025e-03
## SPAC6F6.16c	-8.662008e-04	-7.010316e-04	-3.756121e-04	-4.924343e-04
## SPAC1805.01c	1.318328e-03	4.414602e-03	-3.679638e-03	-8.149945e-03
## SPAC1805.02c	-2.269553e-03	8.313268e-04	-1.961889e-03	2.037791e-03
## SPAC1805.06c	1.952084e-03	3.137018e-03	-6.720538e-03	6.216607e-03
## SPNCRNA.853	7.877106e-05	-3.125331e-04	2.418064e-04	-1.426095e-04
## SPAC1805.07c	3.812115e-04	-7.753587e-04	6.858797e-04	7.186151e-04
## SPNCRNA.854	-8.816163e-05	7.547471e-05	7.312026e-04	-1.987343e-04
## SPAC1805.08	1.214292e-03	-1.570472e-03	-4.877051e-04	1.616288e-03
## SPAC1805.18	6.083431e-04	-3.638733e-04	2.869171e-04	-4.852290e-04
## SPAC1805.09c	4.638490e-04	-4.925660e-04	1.057080e-03	-1.424440e-03
## SPAC1805.10	3.134465e-03	-7.441947e-04	3.551121e-04	-1.615037e-03
## SPAC1805.12c	1.702681e-02	4.899399e-03	-1.771449e-03	-1.822560e-02
## SPAC1805.13	-1.253318e-02	-2.104089e-02	6.145430e-03	4.058369e-03
## SPATRNALEU.02	9.533341e-03	-8.273799e-03	-3.944403e-03	5.112910e-03
## SPAC1B2.02c	-1.639199e-04	1.379473e-03	-1.802341e-03	-5.746549e-03
## SPAC1B2.03c	2.433203e-02	-1.118149e-03	-1.719232e-02	-1.252899e-02
## SPAC1B2.04	3.137986e-03	2.525625e-03	2.557207e-03	-3.353830e-03
## SPAC1B2.05	-3.708576e-03	1.613117e-03	3.740757e-04	-1.996306e-03
## SPAC3F10.03	1.577952e-02	1.958495e-03	-8.595357e-03	-1.256408e-02
## SPAC3F10.04	1.662756e-03	-5.854342e-04	-3.047288e-03	-5.563824e-04
## SPAC3F10.06c	1.330836e-03	-2.964395e-04	-1.428382e-03	1.386669e-04
## SPNCRNA.855	2.226739e-04	-2.062867e-05	-1.418228e-04	4.138619e-04
## SPAC3F10.09	3.794954e-03	-1.701062e-03	2.146985e-03	-8.539136e-03
## SPAC3F10.11c	1.059853e-02	-8.445911e-03	-1.094274e-02	-1.494145e-02
## SPATRNNATHR.03	6.178944e-03	3.847881e-03	6.149685e-03	-5.313190e-03
## SPAC3F10.15c	8.691818e-04	-4.129060e-05	-3.431261e-03	-1.307959e-03
## SPAC3F10.13	-3.919251e-03	-1.898647e-03	-1.509194e-03	2.039111e-03
## SPAC3F10.16c	1.008798e-02	-1.279182e-03	-7.683517e-03	-1.007989e-02
## SPAC3F10.17	1.160818e-03	-7.147586e-04	-1.267624e-03	-1.221354e-02
## SPAC3F10.18c	-3.107111e-04	6.045111e-03	-1.169733e-02	-1.299164e-02
## SPAC8F11.03	2.394305e-03	2.723902e-03	3.355683e-03	-6.778167e-03
## SPNCRNA.856	4.172662e-04	-2.219729e-04	1.136308e-04	-6.884536e-04
## SPAC8F11.04	-2.509114e-03	-3.640253e-03	-7.205665e-03	2.977117e-03
## SPAC8F11.08c	1.515037e-03	1.049584e-02	-2.632999e-03	6.432504e-04
## SPAC8F11.09c	7.951706e-04	1.150040e-03	-4.586455e-04	-1.966408e-03
## SPNCRNA.857	-1.649950e-03	-7.550799e-04	8.016029e-04	-2.677230e-03
## SPACUNK4.17	1.433033e-01	-2.275550e-02	4.125343e-02	-2.821186e-02
## SPACUNK4.19	1.264310e-04	2.711134e-04	3.936234e-04	6.387313e-04
## SPACUNK4.16c	2.398867e-02	-4.384699e-03	6.998215e-03	-8.377829e-03
## SPACUNK4.15	-5.903093e-03	5.271862e-03	2.160469e-03	-8.363256e-04
## SPACUNK4.14	6.663420e-04	-2.022516e-04	-1.348707e-03	4.208247e-04
## SPNCRNA.56	3.159652e-04	2.064231e-04	-3.637765e-04	1.875353e-04
## SPACUNK4.12c	1.183391e-02	-4.159283e-04	-7.361974e-03	-5.011315e-03
## SPACUNK4.11c	-4.924418e-04	-8.439475e-04	1.270663e-04	-2.434994e-03
## SPACUNK4.20	-1.200355e-04	2.582053e-04	7.261778e-04	9.431643e-05
## SPACUNK4.09	-3.862674e-04	3.412649e-04	-9.199686e-04	-1.765663e-03
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	6.323057e-03	-2.676582e-03	-2.931283e-03	-1.252756e-02
## SPAPYUK71.03c	1.549985e-02	-4.648606e-03	1.163103e-02	-7.988361e-03
## SPNCRNA.209	-1.921057e-04	-2.633458e-04	-4.662773e-05	-3.240245e-04
## SPAC513.04	-1.972226e-04	1.859514e-04	8.508502e-05	-1.515428e-05
## SPAC513.06c	2.174998e-04	-2.617686e-04	3.040059e-03	9.299277e-04

## SPAC513.07	9.970537e-03	-1.290101e-02	3.614190e-03	1.826687e-02
## SPAC2E1P3.02c	3.567052e-04	4.792845e-04	-3.987788e-04	4.969288e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-1.282083e-04	-7.879175e-05	-7.382358e-05	3.206688e-04
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-6.462047e-03	4.975118e-03	3.027252e-03	-9.178559e-04
## SPNCRNA.861	-1.644126e-03	1.173746e-03	-1.633469e-04	-3.222858e-05
## SPNCRNA.862	1.320886e-03	-1.584943e-04	-2.245477e-04	-4.322238e-03
## SPNCRNA.863	-1.360542e-03	-4.176615e-04	-6.630566e-04	4.950120e-04
## SPAPB24D3.01	-7.767251e-04	1.253908e-03	1.740728e-03	-2.223396e-03
## SPAPB24D3.02c	1.916404e-03	6.040956e-04	-6.887957e-04	-7.778808e-03
## SPAPB24D3.03	-4.193550e-04	3.316324e-03	1.855083e-03	-3.400444e-03
## SPAPB24D3.04c	1.041943e-03	-1.050955e-03	4.447629e-04	-8.253239e-04
## SPAPB24D3.07c	4.545648e-03	1.924152e-03	-1.421071e-02	-9.195161e-03
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	7.546540e-03	-1.535875e-03	-1.990361e-03	-1.141749e-02
## SPAPB24D3.10c	7.910517e-04	-2.899116e-05	-3.919640e-04	2.348777e-05
## SPNCRNA.867	-7.935067e-05	-8.280940e-04	-3.975614e-04	-1.851586e-03
## SPNCRNA.868	4.859683e-05	-1.480461e-04	-4.551866e-05	-2.488144e-05
## SPNCRNA.869	-2.115294e-04	-2.271452e-05	1.402490e-04	1.065063e-04
## SPAPB1A11.04c	2.826826e-03	3.367974e-04	-1.822048e-04	-8.824881e-03
## SPAC31G5.02	1.420287e-03	-4.648069e-03	8.897729e-04	-6.396886e-03
## SPNCRNA.870	5.188226e-05	3.095451e-05	8.004194e-05	1.150731e-04
## SPAC31G5.04	-1.029856e-02	6.778410e-03	4.162236e-03	1.328763e-02
## SPAC31G5.06	9.084387e-04	4.729976e-04	-1.180236e-04	1.530667e-04
## SPNCRNA.871	4.117476e-05	-8.138630e-06	-6.495797e-05	-5.491010e-04
## SPAC31G5.08	4.831729e-03	-3.516479e-03	-2.095702e-03	-7.072402e-03
## SPNCRNA.71	-3.150653e-04	2.359333e-04	-1.478813e-04	-1.148475e-05
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	1.944598e-04	4.475854e-04	-2.952877e-04	-4.854966e-04
## SPAC31G5.11	2.947642e-03	-2.939589e-04	-2.217452e-03	-3.033957e-02
## SPAC31G5.21	1.931880e-03	-1.237130e-03	2.538848e-04	-2.722426e-03
## SPNCRNA.874	2.921627e-04	5.263998e-05	-5.761775e-04	8.576052e-06
## SPAC31G5.14	-4.603082e-03	-1.653977e-03	-3.625288e-03	2.603808e-03
## SPAC31G5.16c	2.760349e-03	-3.113851e-03	3.182372e-03	-3.249761e-03
## SPAC31G5.18c	2.272003e-04	1.332220e-03	4.320602e-04	-5.587435e-03
## SPAC31G5.19	3.753507e-03	6.171802e-06	-1.111485e-04	3.854715e-04
## SPNCRNA.876	-3.407458e-07	3.508247e-04	3.710227e-04	-4.133868e-04
## SPNCRNA.877	2.111759e-04	-7.707851e-05	3.781823e-06	-1.466454e-04
## SPAC1786.02	-1.752349e-03	4.329860e-03	2.261226e-03	-9.239421e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	1.630502e-03	-1.847256e-03	-1.744918e-03	5.254764e-04
## SPAC24C9.02c	-1.368465e-03	9.896019e-04	9.348650e-04	-3.017198e-04
## SPAC24C9.04	-3.101153e-04	5.066344e-04	9.190059e-06	1.397905e-03
## SPAC24C9.05c	9.013381e-03	-3.683534e-05	-1.012662e-03	-7.094048e-03
## SPAC24C9.07c	3.448151e-04	-3.150619e-04	-1.058552e-03	-1.359747e-03
## SPNCRNA.881	-3.155348e-04	3.818483e-04	-2.313611e-04	2.958740e-04
## SPNCRNA.882	-7.382764e-05	7.600282e-07	3.341675e-05	1.335029e-04
## SPAC24C9.08	-2.770402e-03	-4.009343e-05	4.722077e-03	-3.199795e-03
## SPAC24C9.10c	1.021498e-03	1.278558e-04	4.680099e-04	-1.811272e-03
## SPAC24C9.11	2.128357e-03	-1.683693e-03	-4.885220e-03	-4.978843e-03
## SPAC24C9.12c	-6.714417e-03	-5.519872e-03	8.366656e-03	1.976371e-02
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	1.634830e-04	3.612388e-05	-2.162241e-03	5.836271e-05

## SPNCRNA.884	2.007176e-05	5.945336e-05	4.307905e-05	7.394053e-05
## SPATRNALYS.05	-8.863628e-04	-4.464468e-05	-8.072149e-05	-1.639536e-04
## SPAC16A10.05c	8.024704e-05	5.063387e-06	-1.066528e-03	1.724484e-03
## SPAC16A10.06c	8.488674e-04	3.172915e-04	1.085652e-03	-7.553289e-04
## SPAC16A10.07c	1.704861e-03	-4.304215e-04	-2.594793e-03	-7.650140e-03
## SPNCRNA.885	-2.468088e-05	8.465584e-04	8.288360e-05	-7.084542e-04
## SPAC16A10.08c	-3.272170e-04	5.938239e-04	-1.351036e-03	-8.818001e-04
## SPAC589.03c	-1.637202e-03	-2.592427e-04	-5.789245e-05	-1.680363e-03
## SPAC589.06c	-2.741948e-03	6.513828e-03	9.912091e-03	1.025189e-02
## SPAC589.08c	9.799700e-04	-4.630442e-04	2.745758e-04	-1.345838e-03
## SPAC589.11	1.451362e-04	3.129489e-04	-1.816105e-04	3.689723e-04
## SPAC688.02c	6.724978e-04	1.176724e-03	-1.037186e-03	-1.092858e-05
## SPAC688.06c	4.500097e-05	3.412880e-04	3.517887e-04	-1.668774e-04
## SPAC688.07c	5.534707e-03	3.471960e-03	-8.220976e-03	-5.336473e-03
## SPAC688.08	2.320034e-03	1.387146e-03	-5.106183e-03	-2.224896e-03
## SPAC688.09	3.233045e-03	-8.286713e-04	-2.828423e-03	-2.420187e-03
## SPNCRNA.888	-7.058255e-04	6.869913e-04	-5.238678e-04	3.088682e-04
## SPNCRNA.889	-4.652783e-04	-1.224727e-04	-2.818049e-05	-6.396455e-04
## SPAC688.13	2.001505e-04	1.372451e-03	-1.196921e-03	-6.085323e-04
## SPNCRNA.890	-1.261386e-04	-6.498128e-05	-4.935290e-04	6.779544e-05
## SPAC688.14	6.386106e-04	2.727368e-04	-1.880004e-03	-1.966246e-03
## SPAC688.16	-7.608227e-04	6.533298e-04	1.980601e-04	2.024439e-03
## SPNCRNA.891	-2.391955e-04	-7.522877e-05	3.433665e-04	-4.735817e-04
## SPAC3G9.15c	1.811257e-03	-1.320164e-03	5.008275e-05	1.517413e-03
## SPNCRNA.216	-4.437145e-06	-1.416312e-05	-2.377141e-05	-7.973051e-05
## SPAC3G9.13c	2.256694e-03	-4.844357e-04	-1.854408e-03	5.613580e-04
## SPNCRNA.217	8.678261e-05	-1.076175e-04	-6.108389e-05	1.642843e-04
## SPAC3G9.11c	9.286964e-05	1.009453e-04	-7.810862e-05	1.131211e-03
## SPAC3G9.17	3.247948e-04	7.145356e-05	3.083786e-04	-1.102542e-03
## SPATRNATHR.04	1.261204e-02	9.273712e-03	-2.060015e-02	-5.261545e-02
## SPNCRNA.218	6.130063e-04	1.939167e-04	-3.435037e-04	7.580449e-06
## SPNCRNA.892	2.225721e-04	5.127966e-04	-3.441948e-04	-7.786054e-04
## SPAC3G9.09c	1.350335e-02	-4.594580e-03	-7.474075e-03	1.142457e-02
## SPAC3G9.07c	1.313715e-03	-4.937204e-04	4.247663e-04	-4.877892e-03
## SPAC3G9.06	7.765482e-03	2.925733e-03	-2.789818e-03	-1.098603e-02
## SPAC3G9.03	5.615684e-02	9.211397e-03	1.901247e-02	-7.814253e-02
## SPAC3G9.01	1.684078e-04	-4.887062e-04	-5.885273e-04	-1.874807e-04
## SPAC1486.01	-7.875603e-04	-7.326482e-03	-8.171060e-04	2.294126e-03
## SPAC1486.05	3.882151e-02	-1.900419e-02	-2.109434e-02	-5.536921e-02
## SPNCRNA.894	-2.356298e-04	7.569882e-05	-2.862543e-04	-2.475148e-04
## SPAC1486.11	-6.171992e-04	2.909046e-04	7.684499e-04	-2.912075e-04
## SPAC1486.07c	-9.974767e-04	1.969843e-03	1.553154e-03	3.815063e-04
## SPAC1486.08	1.545544e-03	3.914649e-04	-1.291369e-03	-5.543757e-04
## SPAC1486.10	4.032185e-03	-2.912301e-03	-7.695020e-04	-7.684761e-03
## SPAC6G10.02c	4.020709e-03	-4.369189e-03	-2.017425e-03	-2.097516e-02
## SPAC6G10.03c	2.651347e-03	-3.255483e-03	-4.032047e-05	2.892657e-04
## SPAC6G10.04c	5.106294e-03	-7.781202e-04	-8.583385e-03	1.591744e-04
## SPAC6G10.05c	8.125115e-03	-4.244945e-03	-1.448685e-03	-8.295563e-03
## SPNCRNA.896	9.609519e-04	-4.285454e-04	-8.323993e-04	1.067267e-04
## SPAC6G10.07	-4.940763e-03	-1.833905e-04	-2.682545e-03	-1.274745e-03
## SPAC6G10.08	5.321182e-03	9.204399e-04	-6.833806e-03	-4.868498e-03
## SPAC6G10.09	3.269721e-03	-5.066375e-03	-1.049271e-02	-1.549931e-03
## SPAC6G10.10c	-7.665777e-04	2.357422e-04	4.891499e-05	-1.444431e-04
## SPAC6G9.02c	5.912666e-03	-3.045805e-03	-8.985416e-04	-1.583904e-02

## SPAC6G9.03c	1.403201e-03	-8.374983e-04	-3.875627e-04	-1.359677e-03
## SPAC6G9.09c	-3.355867e-03	1.096997e-02	6.384431e-03	-1.859337e-03
## SPAC6G9.12	2.500379e-03	1.401499e-03	-3.474111e-03	6.488598e-03
## SPNCRNA.899	2.574815e-04	3.357823e-05	-1.325373e-04	2.813761e-04
## SPAC6G9.15c	2.705686e-03	-5.924699e-04	-4.657210e-04	-5.130098e-03
## SPAPB1E7.01c	7.469720e-04	-4.641710e-04	-5.378978e-04	1.277769e-03
## SPAC652.01	2.079520e-04	9.880329e-04	-1.921855e-03	-1.700955e-04
## SPAPB1E7.03	-1.996870e-03	1.605860e-03	2.499766e-04	-3.772132e-03
## SPAPB1E7.04c	3.391355e-03	4.576764e-03	-2.119176e-02	-2.551822e-02
## SPAPB1E7.06c	1.118622e-03	-6.038791e-04	-3.155336e-05	-1.749310e-03
## SPNCRNA.900	-2.771024e-04	1.155833e-04	5.626971e-04	-5.722147e-04
## SPAPB1E7.07	1.452639e-02	-2.327160e-02	4.006183e-02	1.339628e-02
## SPNCRNA.901	1.899766e-04	3.729445e-04	3.194861e-05	-1.985578e-04
## SPSNORNA.43	4.588941e-06	-2.755188e-06	7.930967e-06	6.766465e-06
## SPAPB1E7.10	1.184078e-05	2.165383e-04	-2.907843e-04	9.072964e-04
## SPAC2E1P5.01c	5.914680e-03	-2.329577e-03	2.615759e-03	-6.466742e-03
## SPAC2E1P5.03	3.280888e-03	1.132391e-03	-1.120148e-03	-8.054682e-03
## SPAC2E1P5.05	8.734450e-03	-2.094542e-03	-6.512996e-03	-1.016779e-02
## SPAC26A3.02	2.325182e-03	1.111926e-03	-1.191937e-03	-7.339148e-03
## SPAC26A3.05	2.268258e-02	-3.272472e-03	-2.277173e-02	-3.416907e-02
## SPAC26A3.08	-3.601581e-03	1.838826e-03	-4.643434e-04	-2.233386e-03
## SPAC26A3.09c	-1.524808e-03	1.075264e-03	-7.711665e-04	-3.763036e-03
## SPAC26A3.10	9.326144e-03	-2.915627e-04	-2.499283e-03	-1.002261e-02
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	-6.729587e-04	-3.404688e-03	-3.721792e-03	1.658672e-03
## SPAC8E11.12	-1.711063e-05	-1.222871e-04	1.101677e-05	3.203426e-04
## SPNCRNA.903	2.151776e-04	-2.958355e-04	1.857480e-04	-1.178016e-04
## SPAC8E11.08c	-1.161945e-04	-1.605921e-04	-2.611540e-05	8.116934e-04
## SPAC8E11.06	1.989812e-04	1.242699e-04	2.233234e-04	1.771686e-04
## SPAC8E11.04c	-3.584110e-03	3.012811e-03	8.403281e-04	-9.191479e-04
## SPNCRNA.904	-1.816047e-04	-7.152893e-04	-9.584185e-05	1.421723e-03
## SPAC8E11.03c	2.538972e-04	-2.057070e-04	1.104033e-04	-2.511383e-05
## SPAC8E11.02c	-1.501434e-02	1.771698e-03	-3.318119e-03	1.582577e-02
## SPAC959.02	3.368920e-03	-2.445820e-03	-4.845176e-04	-1.029312e-03
## SPAC959.03c	-1.051085e-03	-9.800586e-05	-1.437811e-03	-1.172703e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-6.427104e-04	-2.556924e-04	6.672549e-05	1.086830e-03
## SPAC959.05c	-6.757010e-04	-1.291530e-03	1.238811e-04	-2.668486e-03
## SPAC959.07	-1.851177e-02	1.069786e-02	3.834481e-02	2.204907e-02
## SPAC959.09c	1.107773e-03	-8.458178e-04	8.468372e-04	-1.258099e-03
## SPAP32A8.02	3.590126e-03	1.206425e-04	-4.386067e-03	-4.491444e-03
## SPAP32A8.03c	6.650620e-04	8.851690e-04	1.358535e-03	-1.701857e-03
## SPAC3H5.10	3.352891e-02	-3.360555e-03	-2.217294e-02	2.007774e-02
## SPAC3H5.08c	1.654010e-03	-2.321993e-03	-7.147330e-04	-6.310577e-03
## SPAC3H5.06c	-3.217844e-03	-1.636345e-04	-2.982671e-03	-6.993719e-03
## SPAC3A11.13	-6.469359e-04	-4.449997e-04	5.943799e-04	6.058692e-04
## SPAC3A11.12c	2.123064e-03	-5.958030e-03	4.793113e-03	3.132119e-03
## SPAC3A11.10c	-1.193685e-03	1.867239e-03	-2.951989e-03	1.956029e-03
## SPAC3A11.09	2.931693e-03	-3.053734e-03	-4.700186e-03	-3.951075e-03
## SPNCRNA.909	-1.655353e-03	1.075733e-03	-1.587718e-03	3.887935e-04
## SPNCRNA.910	5.084160e-04	-4.340115e-04	-1.939948e-04	4.459275e-04
## SPAC3A11.05c	2.336079e-04	1.926913e-04	6.972584e-04	8.933404e-04
## SPAC3A11.04	1.766841e-04	4.650531e-04	-9.234702e-04	4.621382e-04
## SPAC3A11.03	-1.170730e-03	-6.491779e-04	9.732459e-04	-1.237000e-03

## SPAC3A11.02	-7.558168e-05	3.162682e-03	-1.648671e-03	-3.048287e-03
## SPAC328.04	-4.138603e-04	8.042902e-04	-8.162063e-04	1.003420e-03
## SPAC328.05	7.343841e-04	-2.440559e-04	-1.157107e-03	2.767759e-04
## SPAC328.06	9.384714e-04	4.940173e-03	6.645201e-04	-1.233719e-02
## SPAC328.08c	6.313638e-04	-7.762234e-05	-5.478896e-04	-6.680150e-04
## SPAC328.10c	1.066111e-02	-4.794531e-03	-2.529010e-02	1.761424e-03
## SPNCRNA.222	-1.377660e-05	4.276654e-05	-7.397543e-05	-5.779595e-05
## SPAC16E8.02	-2.418631e-04	-1.502597e-04	9.675446e-05	1.004983e-03
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	-7.878110e-04	4.902691e-04	-1.092005e-04	3.179137e-04
## SPAC16E8.06c	7.738426e-03	-5.468424e-03	-2.463363e-03	-1.271171e-02
## SPAC16E8.07c	1.220079e-02	-5.131143e-03	-4.400911e-03	-2.026390e-03
## SPAC16E8.09	1.159430e-03	-1.157945e-03	2.424383e-03	4.903650e-06
## SPAC16E8.13	-4.710228e-04	-1.764932e-03	-9.458606e-04	1.678753e-03
## SPAC16E8.15	2.520070e-03	7.269771e-04	2.588183e-03	-4.779975e-03
## SPAC16E8.18c	3.579048e-05	-6.974980e-04	1.289984e-03	-4.848188e-04
## SPAC1B1.01	-2.211617e-03	-1.038593e-03	1.637266e-03	-1.107549e-03
## SPNCRNA.915	-3.296003e-04	1.808235e-04	2.634132e-04	-9.812038e-05
## SPAC17A2.01	-2.417669e-04	5.776243e-04	2.168275e-04	-1.234437e-03
## SPAC17A2.02c	-1.361957e-03	2.679768e-03	-6.889455e-04	-1.434791e-03
## SPAC17A2.04c	2.732509e-03	-2.154860e-03	-3.531579e-04	-2.451622e-03
## SPNCRNA.124	2.248132e-05	4.674972e-05	3.308821e-05	-2.444393e-05
## SPATRNNATRP.01	-3.772169e-05	4.117925e-04	-1.022259e-03	-1.129155e-03
## SPAC17A2.05	-6.689116e-04	-8.233937e-04	2.098270e-04	-4.968041e-03
## SPAC17A2.06c	9.828851e-04	-3.466764e-04	-3.177373e-03	-2.628211e-03
## SPAC17A2.07c	2.288897e-04	-6.840303e-04	-5.939098e-04	1.042251e-03
## SPAC17A2.08c	1.011606e-03	-1.507212e-03	4.357162e-06	-1.198044e-03
## SPAC17A2.09c	7.941697e-03	-3.318594e-03	-7.153245e-03	-1.435151e-02
## SPAC17A2.10c	-4.334753e-04	-3.469969e-05	-2.680307e-04	-2.928489e-04
## SPAC17A2.11	-1.544652e-04	1.386508e-05	5.467297e-05	4.167273e-06
## SPNCRNA.920	-3.427513e-04	2.546521e-04	5.042522e-04	-1.628976e-03
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	2.251982e-03	-3.132295e-04	-3.881080e-04	-1.510933e-03
## SPATRNNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	2.384695e-03	3.701809e-04	8.175159e-04	-6.614192e-03
## SPAC17G6.05c	1.661502e-03	-2.874664e-04	-2.015122e-03	-2.670319e-03
## SPAC17G6.06	5.165269e-03	2.040506e-02	-6.244650e-02	-2.209621e-02
## SPAC17G6.08	2.063441e-03	4.736931e-04	-7.438499e-04	-4.131597e-03
## SPAC17G6.10	5.635300e-03	-5.210676e-03	-2.012000e-03	-3.608860e-03
## SPAC17G6.11c	5.203840e-03	-5.319608e-04	-3.118007e-03	-1.461249e-02
## SPNCRNA.921	2.024176e-04	-2.281596e-05	-2.813097e-05	7.658111e-05
## SPAC17G6.13	1.001721e-02	-8.321357e-03	1.939144e-02	-1.207930e-02
## SPAC17G6.14c	1.243244e-02	1.923466e-03	-5.695235e-03	-7.837195e-03
## SPAC17G6.15c	-7.029195e-04	-4.026941e-04	-6.105441e-04	2.226525e-03
## SPAC17G6.16c	-4.389303e-03	1.988971e-03	-1.480813e-03	-2.420125e-03
## SPAC17G6.17	1.222710e-03	-3.052070e-03	1.181612e-03	-2.848488e-03
## SPAC1142.01	6.829195e-04	-2.179586e-03	-3.363506e-03	-6.730974e-03
## SPAC1142.02c	4.479718e-03	5.529537e-03	-2.885923e-04	-6.118104e-03
## SPAC1142.04	7.448815e-03	5.589570e-03	-6.633537e-03	-6.999189e-03
## SPNCRNA.923	-4.594279e-05	8.630543e-05	3.184378e-05	2.259950e-05
## SPAC1142.05	-2.346861e-03	8.177193e-03	3.346605e-03	-9.641392e-03
## SPAC1142.06	-9.710911e-05	4.416334e-03	-8.307837e-04	-2.377613e-03
## SPAC1142.07c	5.521119e-03	-1.621148e-03	4.957137e-04	7.615613e-04

## SPAC1142.08	7.010317e-04	-1.434222e-03	-1.865634e-03	-5.958342e-04
## SPAC1142.09	-8.261255e-05	-4.512868e-05	-1.047428e-04	-5.681065e-05
## SPNCRNA.925	-1.800617e-04	-7.415254e-05	-5.555223e-04	9.161882e-04
## SPAC8C9.04	1.132173e-02	-8.051542e-03	-2.191812e-03	-3.743054e-03
## SPAC8C9.07	4.231286e-04	-3.908805e-03	1.796135e-04	-5.780187e-04
## SPAC8C9.08	2.894437e-02	-4.154149e-02	-2.991241e-02	3.114787e-02
## SPAC8C9.09c	3.835608e-04	-8.757733e-04	4.933213e-04	-2.504161e-03
## SPAC8C9.11	6.298912e-04	-7.938681e-05	-8.541842e-04	3.204056e-04
## SPNCRNA.228	1.783015e-04	6.826855e-04	6.376585e-04	-8.368920e-04
## SPAC8C9.19	1.920978e-04	-2.597506e-04	2.188602e-04	-5.149919e-04
## SPAC8C9.12c	-1.113035e-03	-9.187028e-04	1.666983e-03	-6.628685e-04
## SPAC8C9.14	1.397362e-02	-3.417978e-03	-3.247735e-03	-9.014502e-03
## SPAC8C9.15c	-3.847984e-05	-5.869739e-03	-6.014968e-03	-1.128189e-02
## SPNCRNA.926	-7.301115e-04	-3.882352e-04	1.647605e-03	-1.127761e-03
## SPAC15A10.17	1.827755e-04	-9.218859e-04	1.130549e-04	-5.425928e-04
## SPAC15A10.06	3.065994e-04	1.091270e-04	1.428255e-04	-9.484706e-04
## SPNCRNA.927	1.005486e-04	-1.992396e-04	-5.454819e-05	1.177546e-04
## SPAC15A10.08	2.011075e-03	-2.100118e-03	-3.272856e-03	1.420761e-03
## SPAC15A10.09c	-8.078972e-04	-1.784999e-03	-4.140036e-05	-7.163154e-04
## SPNCRNA.928	1.371280e-04	1.632019e-05	2.997984e-05	-2.645772e-04
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	4.138325e-03	-4.035109e-03	1.720365e-03	-1.611637e-02
## SPAC15A10.11	-3.626434e-03	2.027633e-03	3.052199e-03	-3.802416e-03
## SPAC15A10.12c	1.844404e-03	-1.385343e-04	1.849214e-03	-2.478608e-03
## SPAC15A10.13	2.523792e-03	-2.900521e-03	-2.025326e-03	-5.189540e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	4.138799e-04	5.181314e-04	-2.562449e-04	-1.660808e-04
## SPAC15E1.03	-4.658380e-03	-3.858833e-04	1.274095e-02	4.273783e-03
## SPAC15E1.05c	1.075821e-03	-3.652545e-04	9.831842e-04	-2.852300e-03
## SPAC15E1.09	-2.650495e-03	-1.149861e-03	1.776614e-03	-2.915433e-03
## SPAC15E1.10	-4.131418e-04	5.429726e-04	1.093778e-03	-3.423026e-03
## SPNCRNA.932	-1.605467e-04	4.276457e-05	-1.057789e-04	-4.637138e-05
## SPAP7G5.02c	-2.892137e-03	1.157854e-02	1.996606e-03	7.546954e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	-5.622092e-03	-3.755297e-03	8.141022e-03	4.963521e-05
## SPNCRNA.934	1.206953e-03	-1.210091e-04	-7.976988e-05	-2.704173e-03
## SPNCRNA.935	-8.030409e-04	2.037107e-04	1.988158e-03	2.438263e-05
## SPNCRNA.84	3.573347e-05	-1.170450e-05	-1.265804e-05	6.194568e-05
## SPNCRNA.230	-2.531614e-05	1.130945e-05	2.999385e-07	2.478479e-05
## SPNCRNA.231	3.588042e-05	6.990509e-06	4.387982e-05	-1.223489e-04
## SPNCRNA.232	-5.655447e-05	1.831092e-05	-4.808588e-05	6.521613e-06
## SPATRNAILE.03	-7.684651e-05	1.303805e-04	-4.978589e-04	4.593020e-04
## SPNCRNA.233	-1.562607e-05	-1.580784e-05	-1.127649e-05	3.571251e-06
## SPATRNAGLU.04	-2.368584e-03	6.013177e-03	-6.397697e-03	1.609940e-03
## SPATRNAALA.05	5.920043e-04	-7.735895e-04	-2.705509e-04	-2.161285e-04
## SPNCRNA.234	2.374932e-05	-3.286727e-05	-9.428616e-05	2.559919e-05
## SPAC1556.01c	1.109975e-03	1.204532e-03	-2.836638e-03	-4.190235e-03
## SPAC1556.03	3.361332e-03	4.834016e-04	2.915978e-06	-2.844683e-03
## SPAC1556.04c	1.637360e-04	-3.225891e-04	-2.759711e-05	-5.584176e-04
## SPAC1556.05c	6.588534e-04	9.174331e-06	3.224222e-04	1.824477e-04
## SPAC1F12.02c	2.984901e-02	1.297539e-01	-9.346609e-02	1.194805e-01
## SPAC1F12.03c	8.540291e-04	-5.758080e-04	2.349795e-04	-3.628668e-04
## SPAC1F12.04c	3.446805e-04	3.108981e-03	2.787900e-03	-1.484162e-03
## SPAC1F12.05	2.453312e-03	1.651260e-03	2.963187e-03	-3.814984e-03

## SPAC1F12.07	-1.153915e-03	-7.267578e-03	9.061239e-04	8.050109e-03
## SPNCRNA.937	-3.323990e-04	1.118647e-04	-4.346946e-04	-1.157892e-03
## SPAC4H3.01	1.355866e-03	-1.752223e-03	-5.282518e-03	-3.661089e-04
## SPAC4H3.03c	3.751521e-03	-2.509060e-03	-1.132723e-03	9.114140e-04
## SPAC4H3.06	4.228329e-04	-5.034516e-04	-1.240238e-03	2.706368e-04
## SPAC4H3.09	-7.436378e-04	2.320746e-06	-8.546287e-04	1.339375e-03
## SPNCRNA.941	3.207784e-06	1.187561e-04	2.458931e-05	6.640506e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-2.667225e-05	-4.146628e-05	2.119139e-07	-2.159909e-04
## SPNCRNA.942	-2.947947e-03	1.142867e-03	-9.325857e-04	-1.628799e-03
## SPAC4H3.12c	2.177764e-04	2.161297e-04	6.996406e-05	1.410721e-04
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	3.762085e-03	-3.210738e-03	-3.680920e-03	-9.074899e-03
## SPAC1071.02	5.758963e-03	-2.557704e-03	-2.335617e-03	2.335264e-03
## SPAC1071.03c	-1.334133e-03	-2.872619e-03	-2.388430e-04	-2.203523e-04
## SPNCRNA.237	-2.460799e-04	-6.467107e-05	-5.528953e-05	-2.032728e-04
## SPNCRNA.943	-6.357239e-05	1.062864e-04	-2.576395e-04	-3.687711e-04
## SPAC1071.05	3.333491e-03	-1.923153e-03	-2.476600e-03	-4.613776e-03
## SPAC1071.06	-7.625676e-04	-3.709226e-04	-1.243234e-03	7.255547e-06
## SPAC1071.08	1.004938e-02	-1.053766e-02	9.712855e-03	-1.032300e-02
## SPAC1071.10c	-9.282325e-02	5.239671e-02	-1.703182e-02	6.341637e-02
## SPNCRNA.93	-2.770110e-05	2.955573e-05	-5.962764e-05	7.124039e-05
## SPAC1071.13	-7.050364e-04	-6.533111e-05	2.519483e-04	1.676942e-04
## SPNCRNA.945	3.019280e-04	5.639593e-04	4.013180e-04	1.591686e-04
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	-5.182659e-04	2.949395e-03	-1.167144e-03	-2.470666e-03
## SPAC926.02	2.672732e-03	-4.476898e-04	-1.731666e-03	-1.031618e-03
## SPNCRNA.946	8.120791e-04	2.099108e-03	8.142579e-04	-1.094072e-03
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	1.225920e-04	1.467015e-04	7.672533e-04	-1.685565e-03
## SPAC926.04c	4.954924e-04	6.723734e-03	-7.325055e-03	-2.452324e-02
## SPRRNA.18	-3.184871e-04	-8.892560e-03	-2.059206e-03	3.193042e-02
## SPAC926.05c	-1.349990e-04	3.483044e-04	-5.619878e-04	-2.026822e-03
## SPAC926.09c	-5.365229e-02	6.028105e-02	-3.326233e-02	-2.241295e-03
## SPAC323.01c	-3.696162e-04	-4.816472e-04	-1.206491e-03	-3.483302e-03
## SPNCRNA.948	-1.286471e-04	1.725914e-05	-2.450965e-04	-4.784839e-05
## SPAC323.06c	2.051684e-03	2.454420e-04	-1.276058e-04	-1.463854e-03
## SPAC323.07c	4.584016e-03	-2.297701e-03	5.360215e-03	-9.464061e-03
## SPAC2F3.02	-2.107106e-03	-2.292656e-03	1.193748e-04	6.273510e-04
## SPAC2F3.03c	1.604945e-03	-6.335701e-03	-3.100755e-03	-8.629738e-03
## SPAC2F3.04c	2.762734e-03	-2.199548e-03	-4.258696e-04	-2.393090e-03
## SPAC2F3.05c	-2.639902e-03	-2.260642e-03	-2.565162e-03	-7.157516e-04
## SPAC2F3.06c	-2.047755e-03	-8.193175e-03	1.429510e-04	-6.252315e-03
## SPAC2F3.08	2.135231e-03	-1.665290e-03	5.444639e-04	2.021941e-03
## SPNCRNA.949	-1.145886e-03	4.867179e-04	-1.048555e-04	-1.371831e-03
## SPNCRNA.950	9.497924e-05	-2.209463e-05	1.462594e-04	-7.562149e-05
## SPAC2F3.18c	2.441994e-03	-1.389318e-03	1.824724e-03	-2.100980e-03
## SPAC2F3.11	2.390169e-03	1.876483e-03	-2.380613e-04	-3.517359e-03
## SPNCRNA.240	1.037918e-05	4.189439e-05	-7.072808e-05	-1.115298e-04
## SPAC11G7.01	6.247590e-03	-2.962674e-03	2.917304e-03	-1.200149e-02
## SPAC11G7.02	2.856965e-03	-3.193536e-03	-2.614547e-03	-1.240690e-03
## SPAC11G7.03	8.360672e-03	-1.516829e-03	-3.908107e-03	-1.419067e-02
## SPAC11G7.04	-1.442350e-02	7.061627e-04	3.895931e-03	2.677467e-02
## SPAPB18E9.01	-2.421605e-03	1.065588e-03	-1.455943e-03	-2.932204e-03

## SPAPB18E9.05c	-9.712848e-04	1.604296e-03	-4.830979e-03	-2.234978e-03
## SPAPB15E9.01c	-2.737835e-02	5.349419e-03	-1.215878e-02	-2.374591e-02
## SPAPB15E9.02c	-1.105669e-03	6.177045e-04	5.411540e-04	-2.055460e-03
## SPAC27E2.02	-1.795450e-03	-3.153719e-04	1.433546e-03	-2.451714e-03
## SPNCRNA.53	2.483684e-06	5.040347e-06	-1.509630e-05	-2.100771e-05
## SPAC27E2.14	-3.886921e-04	8.007135e-04	6.922950e-04	-9.415591e-04
## SPAC27E2.05	1.781936e-03	-5.699905e-04	-3.435761e-03	-9.426940e-05
## SPAC27E2.09	3.719137e-03	4.902095e-03	-1.740849e-03	-9.808693e-03
## SPAC27E2.10c	2.773959e-03	-6.930037e-04	-6.728660e-04	-1.200904e-03
## SPAPJ698.03c	9.161790e-03	4.150154e-03	-1.877898e-03	-1.400129e-02
## SPAC19G12.02c	8.058470e-04	2.847397e-03	-7.937829e-04	-2.057888e-03
## SPAC19G12.04	-1.616002e-04	1.052126e-04	-9.000043e-04	-2.652477e-03
## SPAC19G12.06c	-6.459916e-03	8.335473e-03	1.423733e-03	-1.311588e-02
## SPAC19G12.07c	2.431290e-03	-2.005012e-03	-1.815808e-03	-1.177134e-03
## SPAC19G12.08	-2.983597e-03	-1.177587e-03	-8.128610e-04	-3.632014e-03
## SPATRNALEU.04	3.232074e-02	-4.859606e-02	-2.744881e-03	-1.501825e-02
## SPAC19G12.09	4.406863e-03	-2.452456e-04	5.759727e-03	1.999006e-03
## SPAC19G12.13c	2.546682e-04	-1.347945e-03	1.192751e-03	-2.645938e-04
## SPAC19G12.14	1.327725e-03	1.023988e-04	1.824157e-03	8.848680e-04
## SPAC23A1.07	1.106769e-03	8.912221e-04	-1.033239e-03	-2.796584e-03
## SPAC23A1.08c	1.822017e-02	-6.997819e-03	4.131214e-03	-1.007304e-02
## SPAC23A1.10	-4.354206e-02	3.618174e-02	5.800911e-02	3.256424e-02
## SPAC23A1.15c	-1.569767e-03	-4.289347e-04	-1.370818e-03	-4.138059e-04
## SPAC23A1.16c	1.566954e-03	-8.315981e-04	-1.014332e-03	-2.035879e-04
## SPNCRNA.341	-1.590325e-05	5.787298e-05	4.223480e-05	5.686397e-05
## SPAC26H5.04	3.021173e-03	-8.664778e-05	2.807096e-03	-7.506051e-03
## SPNCRNA.961	5.598745e-04	-2.086453e-04	-1.162237e-03	2.434680e-04
## SPAC26H5.07c	7.250041e-03	-3.836247e-03	-7.287467e-04	-6.782582e-04
## SPAC26H5.08c	3.069369e-04	-4.582388e-03	-7.768482e-03	-8.767639e-03
## SPNCRNA.962	3.140836e-06	8.091539e-06	2.470467e-06	2.636113e-07
## SPNCRNA.306	1.645615e-05	9.573099e-06	2.909940e-06	-4.030213e-05
## SPAC26H5.09c	5.719079e-03	1.688298e-03	2.498256e-03	5.580371e-03
## SPAC26H5.10c	1.442466e-02	-6.261367e-02	-9.099792e-02	-1.170480e-01
## SPNCRNA.964	3.014398e-04	-1.888894e-05	-3.332008e-04	2.328625e-04
## SPNCRNA.965	4.521015e-04	2.937753e-05	1.503945e-04	1.202730e-04
## SPNCRNA.242	-8.341230e-02	4.129046e-02	2.649307e-03	-7.631241e-02
## SPSNORNA.13	-4.910702e-02	1.123719e-01	6.730487e-02	-1.545995e-02
## SPAC25B8.02	-2.030739e-04	-5.009852e-04	3.997259e-04	-3.174679e-03
## SPAC25B8.03	2.768321e-03	-2.256233e-03	-1.240697e-05	-5.386925e-03
## SPAC25B8.04c	7.375693e-04	-1.112473e-03	8.496909e-04	-1.748280e-03
## SPAC25B8.05	-4.044353e-04	-1.477801e-04	-1.544134e-03	-1.402804e-04
## SPAC25B8.07c	1.511805e-03	1.063719e-03	-2.579606e-03	-1.397238e-04
## SPAC25B8.20	7.824568e-04	4.190287e-04	-3.486194e-05	-1.594101e-03
## SPNCRNA.967	-3.895340e-04	-8.951228e-05	3.360113e-04	2.499653e-04
## SPAC25B8.10	-6.801381e-04	1.682461e-03	1.484460e-03	-2.064065e-03
## SPAC25B8.11	4.803725e-03	-2.482933e-03	1.033697e-03	-1.087264e-02
## SPNCRNA.968	-1.178689e-04	-3.077806e-04	-4.380845e-05	2.362589e-04
## SPAC25B8.13c	3.343912e-03	6.046354e-04	7.800942e-04	-1.608861e-02
## SPRRNA.19	-3.770468e-04	7.644274e-04	9.777825e-04	1.681019e-03
## SPAC25B8.14	3.482061e-03	-4.984513e-04	-1.977787e-03	-3.214328e-03
## SPAC25B8.15c	-4.022174e-04	-6.547065e-05	1.316092e-03	-2.798290e-03
## SPAC25B8.16	3.947382e-03	-1.952897e-03	-1.633474e-03	-5.582778e-03
## SPNCRNA.970	-7.122776e-04	4.051990e-04	1.973554e-04	-4.575957e-04
## SPNCRNA.971	2.327285e-04	2.390437e-04	7.755627e-04	4.584452e-04

## SPAC694.03	-1.931316e-04	-1.236002e-03	7.701840e-04	1.184000e-03
## SPAC694.04c	-1.060718e-03	2.493635e-03	-5.030339e-03	2.889141e-03
## SPNCRNA.972	-8.016300e-04	3.331961e-04	1.252187e-04	-1.030356e-03
## SPAC1F7.02c	-2.583461e-03	-4.544639e-04	-5.973920e-04	-3.735672e-03
## SPAC1F7.03	5.607867e-03	4.357694e-04	1.243177e-03	-2.249899e-02
## SPAC1F7.06	-4.524610e-05	-2.292430e-05	-1.274911e-04	-9.057582e-05
## SPAC1F7.07c	-3.043814e-04	-2.054475e-03	-2.198117e-03	1.071462e-02
## SPSNORNA.14	-1.017943e-05	1.607229e-05	4.001218e-05	4.696174e-05
## SPRRNA.20	1.963513e-02	-1.019216e-02	1.766402e-03	7.564502e-02
## SPAC1F7.10	7.420523e-04	-2.832324e-03	-8.716668e-04	2.875013e-03
## SPAC1F7.11c	9.767125e-04	-1.478739e-03	3.207534e-03	-3.075981e-03
## SPAC1F7.12	6.241207e-03	-5.947415e-03	-6.259081e-03	-3.939753e-03
## SPAC21E11.03c	8.309936e-03	-5.339407e-04	3.295500e-04	2.160058e-05
## SPAC21E11.05c	5.977532e-04	1.003254e-03	-6.680072e-04	-7.285714e-03
## SPAC21E11.08	4.167774e-03	-5.725010e-03	1.924438e-03	2.947750e-03
## SPATRNASER.03	2.545454e-03	7.876268e-04	-1.135193e-03	-2.916380e-03
## SPATRNAMET.03	-3.129591e-03	2.319852e-03	1.259780e-03	6.543987e-04
## SPAC2C4.05	1.311896e-03	-3.612785e-03	2.094886e-03	-6.075539e-03
## SPAC2C4.06c	1.987057e-03	3.243692e-04	-7.068537e-04	-1.799039e-03
## SPAC2C4.08	4.081550e-04	3.726890e-04	4.706371e-04	-1.171691e-04
## SPAC2C4.11c	4.422190e-03	-6.694760e-04	-7.700939e-03	-1.311141e-03
## SPAC2C4.12c	1.914777e-04	2.979872e-03	1.487450e-03	-6.249856e-03
## SPAC2C4.14c	1.870138e-03	1.145365e-04	-6.603137e-04	-3.627250e-03
## SPAC2C4.15c	-2.559738e-03	2.149767e-03	-3.508077e-03	1.396430e-03
## SPAC2C4.16c	3.364293e-02	3.105069e-03	-5.534876e-02	-2.505798e-02
## SPNCRNA.974	1.052890e-03	-4.847246e-04	-1.901371e-04	9.492618e-04
## SPNCRNA.975	-8.627777e-04	-1.912371e-04	1.517239e-04	6.395929e-04
## SPNCRNA.976	-5.232891e-04	-4.164943e-04	-4.134791e-04	-4.244153e-04
## SPAC25G10.01	-3.306213e-03	-5.633106e-04	2.307679e-03	-6.417135e-04
## SPAC25G10.05c	-1.637589e-03	-1.748138e-03	1.067778e-02	1.603738e-02
## SPAC25G10.06	1.135747e-02	1.613081e-02	-3.048038e-02	5.001283e-03
## SPAC25G10.07c	1.412180e-03	-6.690011e-04	-2.487546e-04	-6.803808e-03
## SPAC25G10.09c	1.817741e-03	-8.787199e-03	-1.526881e-03	5.165375e-04
## SPAC27F1.02c	3.065758e-03	2.299827e-04	-5.432536e-03	-8.919497e-03
## SPAC27F1.03c	-3.297113e-05	3.392695e-04	-1.109937e-03	3.652230e-04
## SPAC27F1.04c	1.632111e-03	6.356323e-04	-2.011237e-04	-3.857604e-03
## SPAC27F1.07	8.020719e-03	2.206117e-03	-1.613087e-03	-3.865672e-03
## SPAC27F1.08	-2.159330e-03	2.931416e-04	-1.093000e-04	-2.605013e-03
## SPAC27F1.09c	5.842741e-03	6.135514e-04	-7.884432e-03	-1.378198e-02
## SPAC23D3.01	1.918645e-03	8.884938e-05	-9.948362e-04	-5.840866e-03
## SPAC23D3.02	1.362169e-03	-1.165141e-03	-1.420791e-03	-3.321205e-03
## SPAC23D3.03c	7.144950e-03	3.311929e-04	-2.906027e-03	-1.443683e-04
## SPNCRNA.979	-2.483305e-04	4.598549e-05	-7.722330e-04	-2.804754e-03
## SPAC23D3.08	2.511131e-03	1.495256e-03	-9.697200e-04	6.266267e-04
## SPAC23D3.11	5.961466e-03	6.649846e-04	-3.296476e-03	-1.783200e-03
## SPNCRNA.980	5.132910e-04	-1.011560e-04	-1.466862e-04	-6.208065e-05
## SPAC23D3.17	5.403857e-04	5.907964e-04	-9.009950e-05	-2.049922e-03
## SPNCRNA.981	-2.309919e-04	2.029465e-04	-3.861419e-05	1.685036e-04
## SPAC30.01c	-4.305932e-03	-1.988987e-03	-2.103698e-03	-6.525795e-03
## SPAC30.02c	6.093796e-04	1.182985e-03	-6.920672e-04	-4.429393e-03
## SPAC30.04c	-1.514823e-04	2.796604e-03	-3.263281e-03	-4.434356e-03
## SPAC29E6.01	-3.297314e-03	2.277077e-03	-6.796330e-04	-3.404669e-03
## SPAC29E6.03c	3.413656e-03	-4.528216e-03	-4.023064e-03	-1.224525e-02
## SPAC29E6.05c	6.623597e-04	8.426284e-06	9.305263e-05	-8.552289e-04

## SPAC29E6.04	-4.874255e-04	8.188311e-04	1.308338e-03	-3.283285e-03
## SPAC29E6.07	4.310158e-04	-1.896772e-04	2.131643e-04	9.016752e-05
## SPAC29E6.08	-4.585199e-03	5.631909e-03	-3.468490e-03	-2.617769e-03
## SPAC16.01	-3.916299e-04	4.643988e-04	8.053762e-04	-2.584066e-03
## SPNCRNA.986	-5.032440e-05	-2.438582e-04	-2.115144e-05	3.616788e-04
## SPAC16.03c	2.398092e-03	1.247341e-03	1.685621e-03	-2.574279e-03
## SPAC16.05c	-6.135906e-03	1.733000e-03	3.564261e-03	7.743646e-04
## SPAC9E9.01	5.348647e-05	1.043923e-04	1.055374e-04	2.080665e-04
## SPAC9E9.17c	7.440063e-06	1.256735e-04	-2.080526e-05	3.409079e-05
## SPNCRNA.987	-1.486980e-04	6.617718e-05	8.307736e-05	-2.123583e-04
## SPNCRNA.12	-4.306648e-06	5.218716e-05	5.288581e-05	-4.802094e-05
## SPAC9E9.03	2.422308e-02	-1.395194e-02	2.958087e-02	-2.329136e-02
## SPAC9E9.04	6.508202e-03	-1.853508e-03	3.792101e-03	-4.471585e-03
## SPAC9E9.09c	-4.719854e-02	1.014519e-02	6.406671e-02	-1.282795e-01
## SPNCRNA.989	1.386866e-03	-3.959197e-04	-8.259071e-04	-4.889439e-05
## SPAC9E9.15	9.645223e-04	-3.397965e-04	-2.586186e-04	-1.983564e-03
## SPNCRNA.311	-8.820887e-05	3.430030e-05	-2.579438e-05	-6.959673e-05
## SPNCRNA.991	2.520787e-05	-1.074831e-04	7.104707e-05	2.602605e-04
## SPAC17C9.14	-4.270199e-04	-3.114021e-04	7.213123e-04	-1.440860e-03
## SPAC17C9.10	2.120426e-03	-4.314466e-04	-9.453727e-05	3.714217e-03
## SPAC17C9.07	1.429167e-03	5.112093e-04	-1.425479e-03	1.857572e-03
## SPAC17C9.05c	1.023718e-03	-6.762983e-04	-1.184592e-03	-9.116958e-04
## SPAC17C9.01c	1.231227e-04	-2.770838e-03	1.081245e-03	1.753887e-03
## SPAC1851.04c	-2.119829e-04	1.043887e-03	1.099376e-04	-1.433941e-03
## SPAC27D7.02c	7.520360e-05	1.500356e-04	-1.146244e-03	-5.397762e-03
## SPNCRNA.993	-1.606407e-04	9.214549e-05	-1.672570e-04	-2.545891e-04
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	2.990464e-03	-1.679967e-03	-2.152058e-04	-4.712241e-03
## SPNCRNA.995	1.000219e-04	-4.322957e-05	-2.384234e-04	3.548723e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	3.164873e-04	4.049844e-04	-4.190187e-04	1.031706e-03
## SPAC637.03	3.223057e-03	3.410592e-03	8.258807e-03	-8.782143e-03
## SPAC637.04	-2.449957e-04	-5.887479e-04	8.043497e-04	-3.404728e-03
## SPAC637.05c	8.220684e-04	2.136516e-03	-3.487313e-03	1.061206e-02
## SPAC637.06	-2.673198e-03	1.357229e-02	-1.047518e-02	-1.583180e-02
## SPAC637.09	5.594340e-03	-2.988211e-03	-7.908437e-03	1.537521e-03
## SPNCRNA.999	-6.707513e-05	3.215910e-04	6.604459e-05	3.120266e-04
## SPAC637.11	2.646068e-04	1.044075e-03	8.336953e-04	-5.145172e-03
## SPAC637.12c	7.896679e-05	-6.139689e-06	-3.031481e-03	-7.862399e-03
## SPNCRNA.1000	-1.868435e-04	2.591177e-05	1.914089e-04	-1.540056e-04
## SPAC637.13c	3.882505e-03	-4.040900e-03	7.116956e-04	3.401112e-03
## SPNCRNA.249	-3.301818e-04	2.146095e-04	-7.298506e-04	-5.286453e-04
## SPAC31F12.01	-4.886239e-04	-3.962276e-03	-1.688753e-03	-5.617284e-03
## SPAC12B10.02c	-3.251596e-03	1.957763e-03	2.640233e-04	-1.538142e-03
## SPAC12B10.03	-3.774001e-04	-1.768806e-05	1.527215e-03	-1.329788e-03
## SPNCRNA.1001	-1.109172e-04	-2.030912e-04	-6.832410e-04	-1.189926e-04
## SPAC12B10.04	-4.197169e-04	4.105705e-03	7.551807e-05	-1.584708e-03
## SPAC12B10.07	-1.102043e-03	8.140417e-04	-3.057456e-03	-6.072959e-03
## SPAC12B10.08c	-1.955081e-04	-9.525269e-04	-2.678025e-04	-6.811757e-04
## SPAC12B10.09	1.385917e-03	-3.283644e-04	-3.192467e-03	-1.484917e-03
## SPAC12B10.10	1.989143e-03	7.975980e-05	-7.474638e-04	-2.440800e-03
## SPNCRNA.1003	3.542533e-04	-7.360409e-05	-3.402154e-04	-1.879231e-04
## SPAC12B10.15c	-1.994805e-04	-7.898663e-04	5.479686e-04	-1.269062e-03

## SPNCRNA.1004	6.140827e-04	9.283286e-06	-2.957443e-04	-7.225982e-04
## SPAC1093.07	-3.673292e-04	-9.252482e-05	-1.756605e-04	-6.923252e-04
## SPAC1093.01	2.193512e-03	-1.011431e-02	6.331817e-03	-7.813844e-03
## SPAC1093.02	2.850611e-03	-9.099011e-04	3.671973e-03	-3.393932e-03
## SPAC1093.03	-4.696460e-04	2.142732e-03	-7.794640e-04	-4.938351e-04
## SPAC1093.04c	5.067053e-03	-1.040410e-03	2.755642e-04	-5.410068e-03
## SPAC1093.06c	2.816344e-03	-1.600048e-03	-4.926247e-03	-9.154678e-03
## SPNCRNA.1006	2.382851e-04	-1.198668e-04	-1.891692e-04	1.852956e-04
## SPAC30C2.02	-5.643045e-03	2.761907e-03	-4.908137e-04	2.789266e-03
## SPAC30C2.04	2.845818e-03	-1.016799e-03	-1.584076e-03	-1.456183e-02
## SPAC30C2.05	5.025844e-04	2.898740e-04	-2.237499e-03	-2.873430e-03
## SPAC30C2.07	4.599621e-03	5.816234e-04	2.027338e-04	2.384370e-03
## SPNCRNA.1008	6.407767e-04	-3.229830e-04	-1.131560e-04	-2.484792e-04
## SPAC1635.01	-4.338628e-03	1.812985e-04	-1.350284e-03	2.096512e-03
## SPNCRNA.1009	-9.130981e-05	2.342023e-05	-1.367580e-04	1.488772e-04
## SPAC144.02	-3.607771e-04	-1.201515e-03	4.256685e-04	-3.010690e-03
## SPAC144.03	6.303921e-05	9.302511e-03	-8.122416e-03	-1.084241e-02
## SPAC144.04c	6.417478e-03	-2.747466e-03	-9.270432e-03	-1.422618e-02
## SPAC144.05	1.294707e-03	-1.140708e-04	-3.796787e-03	-1.992808e-03
## SPAC144.10c	3.195978e-03	8.880685e-04	-2.086184e-03	-4.360260e-03
## SPNCRNA.1013	6.531609e-05	1.866015e-04	-4.779072e-05	-3.703990e-04
## SPNCRNA.1014	-5.526761e-04	1.475116e-04	5.697646e-04	-1.626995e-04
## SPAC144.12	1.138917e-02	-7.576294e-04	-6.662313e-03	-8.907509e-03
## SPAC144.13c	4.840024e-03	-3.537252e-04	-1.115163e-03	-6.461675e-04
## SPAC144.16	3.835343e-04	-3.975453e-04	6.738487e-04	-1.341203e-03
## SPNCRNA.1016	2.844363e-04	-3.293810e-05	-2.224908e-04	-1.305636e-03
## SPNCRNA.1017	-1.099843e-04	1.707292e-04	8.249212e-05	7.621219e-05
## SPAC1834.03c	3.826268e-03	1.524705e-02	-6.236579e-03	-5.951574e-02
## SPAC1834.04	1.567636e-02	2.243337e-02	5.779187e-03	-5.927953e-02
## SPAC1834.05	8.175236e-03	2.701283e-03	3.688320e-03	-6.393712e-03
## SPAC1834.08	1.294684e-03	1.838729e-03	1.849683e-04	-1.818832e-02
## SPATRNATHR.05	4.982790e-03	-3.776806e-03	9.206897e-04	-6.686135e-03
## SPAC1834.10c	-2.023534e-04	1.075836e-04	1.023198e-03	-2.540704e-03
## SPAC1834.13	3.957753e-05	9.575497e-05	3.523487e-05	-5.953558e-05
## SPAC17D4.01	-7.985706e-04	2.016101e-03	4.290086e-03	-2.087008e-02
## SPAC17D4.02	9.967957e-04	3.386957e-03	3.486915e-04	-1.521568e-03
## SPAC17D4.04	-2.690438e-04	1.602564e-03	-1.549128e-03	-2.300107e-03
## SPAC458.02c	6.424162e-03	-9.217984e-03	-2.390824e-03	-9.487664e-03
## SPNCRNA.1019	-7.331048e-04	-5.495589e-05	-9.974865e-05	5.993608e-05
## SPAC458.03	3.499568e-04	1.126786e-03	4.434903e-04	-4.883788e-03
## SPNCRNA.1020	1.434808e-04	6.601645e-05	1.195363e-04	2.543753e-04
## SPAC458.07	-9.208681e-05	-2.041089e-03	4.344831e-05	-3.366640e-03
## SPAPYUG7.02c	-2.111666e-03	-1.610987e-04	-4.029880e-04	3.889281e-03
## SPNCRNA.1022	4.567122e-04	2.755931e-04	-1.558200e-04	-2.728766e-04
## SPAC1782.01	-4.417137e-03	-4.885734e-06	-4.476506e-03	-4.077068e-04
## SPAC1782.03	2.110145e-04	1.829048e-03	8.007093e-04	-1.240835e-03
## SPAC1782.06c	1.104261e-03	1.664730e-03	1.481208e-03	-4.202682e-03
## SPNCRNA.1023	-8.755636e-04	-2.725330e-04	-2.247443e-05	3.404725e-04
## SPAC1782.09c	1.754096e-03	8.987620e-04	-1.044200e-03	-3.249785e-03
## SPAC1782.10c	9.639618e-03	-6.051230e-03	-1.050392e-02	-7.334463e-03
## SPAC1782.11	2.601381e-04	3.449419e-03	2.442746e-03	3.314529e-04
## SPAC11H11.02c	2.717884e-03	-5.504964e-04	-1.604248e-03	-1.727932e-03
## SPAC11H11.01	4.241273e-04	7.177627e-04	1.063607e-03	4.696899e-04
## SPAC11H11.03c	1.690472e-03	-1.204410e-03	-7.452311e-04	-2.815719e-03

## SPAC11H11.04	-1.864617e-04	1.756976e-04	-6.250190e-04	-5.056644e-04
## SPAC11H11.06	1.525013e-02	-1.253736e-03	-8.115204e-03	5.442016e-04
## SPAC22F8.03c	8.475652e-06	1.164312e-04	1.576290e-04	2.790140e-05
## SPAC22F8.07c	4.550273e-04	8.146294e-05	-5.400563e-04	1.916100e-03
## SPAC22F8.08	2.425188e-03	-1.210908e-03	-3.861740e-03	6.935977e-03
## SPAC22F8.11	3.030276e-03	-4.706363e-04	-3.575548e-04	-1.201574e-02
## SPAC22F8.12c	5.824388e-04	8.971724e-04	-4.415611e-04	-2.470369e-03
## SPAC20G4.02c	-2.146409e-04	6.163173e-04	-1.558969e-05	1.166064e-03
## SPAC20G4.03c	-3.955747e-03	1.210990e-03	-8.090616e-03	-5.738983e-03
## SPAC20G4.04c	5.835824e-05	1.658699e-03	1.233121e-03	-1.322097e-03
## SPNCRNA.1027	3.815216e-04	1.271805e-04	-5.867427e-04	-9.885865e-04
## SPAC20G4.09	-1.639714e-04	-2.891040e-05	-3.183071e-04	-4.035751e-04
## SPAC20G4.07c	3.319210e-03	-1.219584e-03	-7.659567e-03	9.620427e-06
## SPAC4F10.03c	2.011659e-03	1.278936e-03	2.307305e-03	6.018003e-04
## SPAC4F10.04	2.366544e-04	-3.204856e-04	1.148244e-04	-2.538854e-03
## SPNCRNA.1028	-9.257562e-07	-1.490745e-04	-2.687670e-04	1.580006e-04
## SPAC4F10.08	-6.092741e-05	-4.437618e-04	2.481047e-04	1.054404e-05
## SPAC4F10.12	-6.563939e-05	-1.419264e-04	-7.985157e-04	-5.411522e-03
## SPAC4F10.13c	1.292496e-02	-1.706303e-03	-4.943318e-03	-2.156295e-02
## SPNCRNA.1030	-3.631786e-04	-2.267088e-04	1.520842e-04	-2.745863e-04
## SPAC4F10.15c	-6.526246e-04	-1.545296e-03	-1.217776e-03	-1.155334e-03
## SPAC4F10.16c	3.075933e-04	-2.568960e-04	2.364128e-03	-8.521512e-03
## SPAC4F10.18	3.987117e-03	-1.240167e-03	-4.506510e-04	-3.987207e-03
## SPAC4F10.19c	1.646726e-03	-8.792409e-04	-4.323546e-04	-1.024029e-03
## SPAC19B12.01	9.237410e-03	-1.216212e-03	-3.893545e-03	-9.643107e-03
## SPNCRNA.255	-5.459499e-05	-2.312520e-05	2.391634e-04	1.205222e-04
## SPAC19B12.03	1.048480e-02	2.095777e-03	-1.903000e-02	-2.292368e-02
## SPNCRNA.1034	1.848492e-04	-4.167270e-04	-1.331443e-04	9.316300e-04
## SPAC19B12.04	6.682709e-03	-2.750065e-03	7.373748e-03	-4.983347e-03
## SPAC19B12.07c	8.311746e-05	-1.653314e-04	2.201138e-03	-3.901593e-03
## SPAC19B12.10	2.896493e-05	2.108565e-04	-4.822197e-04	-2.323021e-04
## SPAC19B12.12c	4.464886e-04	2.063829e-04	8.716817e-05	-1.281246e-03
## SPAC19B12.13	3.193544e-04	3.912469e-04	3.724341e-04	-5.166925e-04
## SPNCRNA.1035	-9.413738e-04	1.247310e-04	6.103683e-04	2.200867e-04
## SPAPB8E5.04c	9.308271e-04	1.273037e-03	9.294772e-04	-2.705973e-03
## SPAPB8E5.06c	7.733002e-03	1.127434e-02	1.830175e-02	4.141188e-03
## SPAC1B3.01c	3.361538e-03	-9.124671e-04	4.516454e-04	-9.557080e-03
## SPAC1B3.02c	2.738516e-04	1.905202e-03	-8.086518e-04	-4.106353e-03
## SPNCRNA.1036	-2.367973e-04	-3.273819e-05	-9.176295e-05	1.098165e-04
## SPAC1B3.03c	-4.468092e-03	9.595120e-03	1.387580e-02	-1.168132e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	-1.801386e-04	4.662418e-05	-1.095981e-04	-4.227639e-04
## SPNCRNA.1038	-9.838751e-03	1.069002e-02	1.326527e-02	-1.959892e-03
## SPAC1B3.07c	-4.826358e-04	-6.793859e-04	3.274011e-04	-2.113103e-03
## SPAC1B3.08	3.017304e-04	-7.089145e-04	2.858715e-03	-1.586395e-03
## SPAC1B3.10c	2.073357e-03	1.656865e-04	1.168127e-03	-2.334914e-03
## SPAC1B3.11c	4.875714e-04	-7.637793e-05	1.023679e-04	-3.220821e-04
## SPAC1B3.20	-8.589518e-04	-6.550027e-04	6.138087e-04	-1.707667e-05
## SPAC1B3.13	1.278321e-03	3.546743e-03	-1.933597e-03	-5.931350e-03
## SPAC1B3.15c	5.447938e-05	-1.413916e-03	-6.719752e-04	3.184923e-03
## SPAC1B3.16c	-2.358028e-02	1.198493e-02	1.415311e-02	3.187276e-02
## SPNCRNA.1039	6.754342e-05	5.827929e-05	-4.237973e-07	-1.476636e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	2.664565e-03	2.401485e-03	-1.590150e-03	-3.384874e-03

## SPAC1952.05	1.907932e-03	-2.776193e-04	-1.696041e-03	-1.183185e-02
## SPAC1952.06c	2.157813e-03	-1.486555e-03	-2.157748e-03	-4.629157e-03
## SPAC1952.08c	8.221742e-04	3.717602e-05	-2.079689e-04	-1.710507e-03
## SPAC1952.11c	5.013012e-03	-2.555471e-03	-9.074839e-04	1.361954e-03
## SPAC1952.13	-3.506309e-03	2.351283e-03	1.559718e-03	-1.831449e-05
## SPAC1952.14c	-4.689748e-04	1.528631e-03	-1.165952e-03	1.723174e-05
## SPAC1952.15c	1.332229e-03	6.190609e-04	7.686311e-04	-6.321623e-04
## SPAC890.02c	2.093799e-04	-1.028548e-03	1.465396e-03	-1.735961e-03
## SPAC890.05	1.217648e-03	4.339268e-04	-9.754931e-04	-2.933968e-03
## SPAC890.07c	6.573440e-03	-5.134123e-03	-5.324278e-03	-1.976095e-04
## SPAC890.08	1.310940e-02	1.069217e-02	5.900553e-03	-1.951670e-02
## SPNCRNA.258	-2.223100e-04	-8.184408e-05	3.692339e-05	2.229873e-04
## SPAC22E12.01	6.610927e-04	-5.467690e-04	-1.469003e-04	-1.055065e-03
## SPAC22E12.02	1.466229e-03	7.346415e-04	-8.661023e-04	4.568825e-04
## SPAC22E12.03c	4.421413e-03	3.252271e-03	2.253845e-04	-4.782999e-03
## SPAC22E12.05c	-4.833203e-03	4.192857e-03	3.293223e-03	-1.223705e-04
## SPAC22E12.06c	5.212457e-03	1.257361e-04	-3.889270e-04	-1.070937e-02
## SPAC22E12.07	4.938756e-04	2.144500e-03	3.419349e-03	-5.993696e-03
## SPAC22E12.08	5.178626e-04	-1.378249e-03	-9.751335e-04	-1.075883e-03
## SPAC22E12.11c	-2.891501e-04	-8.905469e-04	-4.475913e-04	-1.247495e-03
## SPAC22E12.14c	5.065947e-03	2.751462e-03	-1.806497e-03	-1.657278e-02
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	3.284232e-04	3.734215e-04	-4.615475e-04	3.323028e-04
## SPAC1006.05c	4.832324e-03	-2.447490e-03	-1.561641e-03	-3.004088e-03
## SPAC1006.06	-2.830538e-03	-3.229014e-03	-3.261844e-03	-1.566570e-03
## SPAC1006.07	8.857047e-02	3.099090e-02	-1.060356e-01	-8.697391e-02
## SPAC1006.08	-1.591742e-03	1.128307e-04	4.385211e-04	1.713015e-04
## SPAC1006.09	1.019009e-02	-7.225087e-04	-4.028019e-03	-3.415321e-03
## SPAC1250.05	-1.238049e-03	1.008351e-03	-2.750361e-03	4.568149e-03
## SPAC1250.04c	-4.188048e-04	-5.953043e-07	-2.740795e-04	-2.529094e-03
## SPAC1250.03	-1.172212e-04	1.077501e-03	-4.807097e-04	5.674992e-04
## SPAC1250.02	-8.075557e-04	2.162437e-05	2.367789e-04	-4.757675e-04
## SPNCRNA.1046	1.378387e-04	3.532505e-05	-4.843545e-05	2.665652e-04
## SPAC29A4.20	-4.486818e-03	-4.862963e-04	-9.428243e-05	-1.871634e-03
## SPAC29A4.19c	5.294342e-04	5.334391e-04	-1.343643e-03	-1.954295e-03
## SPAC29A4.17c	-7.517649e-06	-4.559454e-04	-7.395041e-05	-6.191775e-04
## SPAC29A4.16	1.100819e-02	-9.006057e-03	-5.934561e-03	-8.036554e-03
## SPAC29A4.15	4.577515e-03	-1.062790e-03	7.366586e-03	-3.100397e-03
## SPNCRNA.1047	1.031403e-04	9.965750e-05	-4.784826e-05	-2.021437e-04
## SPAC29A4.12c	2.319505e-04	-2.269436e-04	-2.305555e-04	-3.721261e-04
## SPAC29A4.09	-8.935503e-04	1.005528e-05	-2.532480e-03	-4.177493e-04
## SPAC29A4.08c	8.529560e-04	-2.433513e-03	6.992242e-04	-2.241359e-03
## SPAC29A4.07	-3.870650e-04	-7.064947e-04	-6.418561e-04	-5.016252e-03
## SPAC29A4.06c	3.107704e-04	7.239797e-04	-5.530958e-04	1.564000e-04
## SPAC29A4.04c	-1.189406e-02	2.571127e-03	1.546374e-02	-1.642050e-03
## SPAC29A4.02c	-9.757318e-03	-6.687528e-03	8.342136e-03	2.395935e-02
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	6.135195e-03	1.373334e-03	-8.762271e-04	-2.607792e-03
## SPSNORNA.16	1.100924e-03	4.565544e-02	2.886751e-02	-1.563045e-02
## SPAC26F1.13c	-9.328379e-03	3.718541e-03	3.219941e-03	1.464758e-02
## SPAC26F1.11	4.259195e-04	9.734634e-05	-7.826443e-04	4.157958e-04
## SPAC26F1.07	4.723289e-02	-4.129740e-02	-3.963747e-02	-1.121831e-02
## SPAC26F1.05	2.390726e-04	-1.442776e-04	-7.295901e-04	-1.631828e-04
## SPNCRNA.1056	-1.555002e-03	-4.786885e-04	3.369260e-04	-2.017940e-04

## SPAC26F1.04c	-4.578425e-03	1.062261e-03	-6.629529e-03	-8.667917e-03
## SPAC26F1.03	-4.593066e-03	1.278041e-02	-3.597918e-03	9.015576e-03
## SPAC26F1.01	1.065373e-03	-1.517487e-03	3.929488e-03	-1.379407e-03
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-1.512061e-04	-3.819944e-04	2.599053e-04	-4.059056e-04
## SPAC19D5.01	-8.193834e-03	2.564284e-04	7.324429e-03	3.133697e-02
## SPAC19D5.02c	2.551062e-03	-9.008551e-04	2.696406e-04	-5.676228e-03
## SPAC19D5.04	1.510179e-02	-1.166862e-02	2.740692e-03	-8.068488e-03
## SPAC19D5.05c	3.135252e-06	-9.006461e-04	-2.393905e-05	-1.166441e-04
## SPAC19D5.11c	2.974483e-04	5.682555e-04	-4.004833e-04	-5.303546e-04
## SPNCRNA.1060	-4.402828e-04	7.330722e-04	-1.481304e-04	4.758146e-04
## SPAC14C4.01c	5.204619e-03	3.667882e-04	-2.879968e-04	-4.576416e-03
## SPAC19D5.07	-2.143784e-04	-1.431278e-04	-1.655084e-04	-6.269925e-04
## SPNCRNA.1062	3.251318e-04	7.279964e-05	7.365869e-05	9.554815e-05
## SPAC14C4.03	3.327963e-04	3.552898e-04	-2.339606e-04	5.437189e-04
## SPAC14C4.04	1.381978e-03	1.962981e-03	-5.246305e-03	-5.825617e-03
## SPAC14C4.05c	1.549898e-03	-5.098783e-04	-1.560504e-03	-2.142626e-03
## SPAC14C4.07	3.436741e-03	1.932268e-03	2.687160e-03	-8.687540e-03
## SPAC14C4.08	-5.668733e-04	1.169463e-04	5.637984e-04	2.780033e-04
## SPAC14C4.09	6.419499e-03	3.179551e-03	-6.659430e-03	-1.175126e-02
## SPAC14C4.10c	5.652204e-04	1.403304e-04	1.094475e-03	-1.448712e-03
## SPAC14C4.11	1.228700e-03	1.149903e-03	-1.938025e-03	-8.434990e-03
## SPNCRNA.261	2.779867e-04	2.059369e-04	5.464055e-04	2.624107e-05
## SPAC14C4.13	2.848812e-03	-1.230348e-04	-5.817689e-04	-3.983107e-03
## SPAC14C4.14	1.704697e-03	-8.580158e-03	5.718645e-03	9.787777e-03
## SPAC14C4.15c	-1.446484e-03	2.409327e-04	2.394761e-03	-4.058363e-03
## SPAPJ760.03c	9.852384e-06	4.490809e-03	-3.953655e-03	-4.962725e-03
## SPNCRNA.1064	-1.369475e-04	9.639818e-05	-2.306688e-04	-2.274292e-04
## SPAC2H10.02c	9.685239e-04	9.628035e-04	7.100043e-04	-1.869623e-03
## SPAC11E3.03	5.996569e-04	-9.381812e-04	-5.445849e-04	-3.352267e-04
## SPAC11E3.04c	-6.417167e-04	-7.279326e-04	-1.680607e-03	5.067693e-04
## SPAC11E3.07	-1.469108e-03	2.609292e-03	-4.078724e-04	-1.015204e-02
## SPAC11E3.08c	-2.777749e-04	1.085961e-03	-7.158105e-04	-1.082001e-03
## SPAC11E3.12	1.495725e-03	-1.258664e-03	-8.037102e-04	-2.314191e-03
## SPAC11E3.13c	-4.836950e-04	1.789732e-03	-7.924021e-03	1.136692e-03
## SPNCRNA.1068	4.838337e-04	-9.602101e-05	2.075976e-05	1.149238e-04
## SPAC11E3.15	4.505512e-03	-1.598287e-02	-1.266379e-02	-2.358766e-03
## SPNCRNA.1070	5.261500e-05	1.889960e-04	-4.391030e-05	3.137137e-04
## SPAP8A3.05	1.507120e-03	-4.713499e-04	-2.094030e-03	-2.930009e-05
## SPAP8A3.06	-8.783313e-04	1.467364e-03	-1.767883e-03	2.395442e-03
## SPNCRNA.525	-7.491153e-05	4.285633e-04	1.578005e-04	-3.959015e-04
## SPNCRNA.1073	8.095903e-05	8.631822e-04	-1.653746e-04	-1.302805e-03
## SPAP8A3.10	-1.826631e-03	1.712731e-03	-1.741957e-03	-1.815909e-03
## SPAP8A3.12c	5.122560e-03	7.542729e-03	-4.301625e-04	-2.079242e-02
## SPAP8A3.13c	2.455586e-03	-2.021504e-03	-2.636869e-03	-3.722573e-03
## SPAC4D7.01c	-1.132349e-03	-4.335803e-03	-2.478986e-03	-9.061162e-03
## SPNCRNA.1075	-4.111048e-04	2.243266e-04	-1.312232e-04	-1.941560e-04
## SPAC4D7.04c	-2.230957e-03	-5.182015e-04	2.525089e-03	-3.368870e-03
## SPAC4D7.05	1.450831e-02	8.750204e-03	-1.992408e-02	-1.681792e-02
## SPAC4D7.06c	8.484502e-04	-3.749417e-04	1.641990e-04	1.178829e-03
## SPNCRNA.1077	-4.465519e-04	2.677422e-04	-2.549231e-04	-5.581927e-04
## SPAC4D7.07c	3.089112e-04	-4.075035e-05	6.874231e-04	-9.084931e-04
## SPAC4D7.08c	-1.314569e-04	7.783444e-03	5.707921e-03	-2.124278e-02

## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	5.084113e-06	-4.634677e-05	-1.038203e-04	-2.495073e-04
## SPAC4D7.09	-1.285094e-03	3.379198e-03	-2.119668e-04	5.486627e-04
## SPAC4D7.14	-1.547258e-04	-5.023210e-04	7.671659e-04	-1.384797e-04
## SPAC3G6.04	4.926762e-04	-3.146777e-04	-1.420035e-03	-1.222959e-03
## SPAC3G6.06c	-4.968393e-04	3.986523e-04	4.659358e-04	-1.961730e-03
## SPAC3G6.07	-1.121594e-03	3.211583e-04	-8.415770e-04	8.085857e-04
## SPAC3G6.11	3.805543e-03	-1.159741e-03	-1.134575e-03	-2.800788e-03
## SPAC3G6.13c	1.436335e-02	2.983739e-02	-5.081110e-02	4.270242e-02
## SPNCRNA.267	1.177168e-04	5.987684e-06	-3.285812e-05	1.179497e-04
## SPAC29B12.02c	4.170826e-03	1.872603e-03	-1.545079e-03	-1.476843e-02
## SPAC29B12.04	-5.972695e-03	4.211937e-03	-1.230164e-02	-1.590270e-02
## SPAC29B12.05c	-1.094086e-03	-4.949595e-04	2.401693e-05	-7.227786e-04
## SPNCRNA.1081	-3.791958e-04	-1.924524e-04	-8.194255e-04	2.216671e-04
## SPAC29B12.06c	2.585638e-03	4.324168e-05	1.205663e-03	-2.871617e-03
## SPAC29B12.07	-3.869783e-03	-3.132205e-03	-3.007403e-03	-8.141631e-03
## SPNCRNA.1082	-5.596222e-04	1.351107e-04	-7.406112e-04	-2.260709e-03
## SPNCRNA.270	-4.620575e-05	3.037911e-05	-5.842186e-06	7.415091e-05
## SPAC29B12.08	2.547649e-03	-2.340182e-04	1.442977e-03	-4.424879e-03
## SPAC29B12.10c	-4.897619e-03	1.706567e-03	-4.304616e-03	-2.302315e-02
## SPAC29B12.11c	6.162983e-04	1.018035e-03	-5.537100e-03	-1.859459e-04
## SPATRNASER.04	-1.779646e-03	9.743036e-04	-4.110192e-03	2.461999e-03
## SPAC29B12.13	-2.129544e-04	1.298209e-03	-1.460428e-03	-6.631045e-04
## SPNCRNA.271	-3.125178e-05	-8.980549e-05	-1.814442e-05	1.600669e-04
## SPNCRNA.272	-4.519954e-05	8.708390e-06	3.336862e-05	-1.043671e-04
## SPAC1039.01	-1.097842e-03	6.988411e-04	2.408433e-03	-6.105820e-03
## SPAC1039.02	-1.430849e-02	9.718903e-04	1.552909e-02	-3.225935e-02
## SPAC1039.03	1.288355e-03	-1.527303e-03	1.662151e-03	-4.276309e-03
## SPAC1039.05c	2.904113e-03	-5.221061e-04	8.723195e-04	-3.795071e-03
## SPNCRNA.1084	2.240711e-04	-8.398019e-05	-2.360194e-04	1.757510e-04
## SPAC1039.06	-7.809162e-04	1.003159e-03	7.114842e-04	-9.458703e-04
## SPNCRNA.1085	1.127953e-04	-1.074985e-04	-5.744203e-05	2.683660e-04
## SPAC1039.08	-1.304162e-07	1.582284e-04	6.640656e-04	-5.400852e-04
## SPNCRNA.1086	4.701114e-05	-8.764614e-05	4.040891e-05	-3.376108e-04
## SPNCRNA.275	-1.347021e-04	2.174905e-05	7.022266e-05	-8.616425e-05
## SPAC1039.09	-9.581556e-04	3.214896e-05	1.109261e-04	-6.814898e-04
## SPAC1039.11c	1.123098e-03	4.699744e-04	7.781334e-04	-5.140466e-04
## SPNCRNA.1087	-4.927027e-04	3.757067e-05	1.742382e-03	1.454431e-03
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-8.721938e-04	3.929918e-04	5.514327e-04	-6.928060e-04
## SPNCRNA.1089	-1.765455e-04	1.820150e-06	7.043430e-05	-3.057559e-04
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	2.523131e-02	5.067349e-03	1.717231e-03	-5.235848e-02
## SPNCRNA.278	-1.960739e-04	1.971719e-04	-2.813230e-05	-5.062283e-04
## SPAC922.06	-7.526405e-04	-5.833932e-04	4.601729e-05	-7.864284e-04
## SPAC922.07c	-7.514560e-04	-5.580101e-04	3.860786e-04	-8.847639e-04
## SPNCRNA.1090	1.635245e-04	-4.231515e-06	2.145695e-04	-3.991965e-04
## SPNCRNA.1091	8.635633e-04	-2.254629e-04	3.151350e-05	-4.954427e-04
## SPNCRNA.1093	1.006405e-04	-1.793832e-06	-2.246007e-06	-4.765875e-06
## SPAC869.06c	-8.321362e-05	-2.556423e-04	3.658100e-04	1.566631e-03
## SPNCRNA.279	1.960777e-05	-1.237182e-04	1.159860e-04	3.651759e-05
## SPAC869.05c	-1.452734e-03	1.232251e-03	-1.428211e-03	2.456006e-04
## SPAC869.04	-4.552603e-06	-3.392133e-05	-1.445402e-05	-3.882521e-05
## SPAC869.03c	2.335072e-05	-2.792803e-06	-1.311577e-04	-1.088388e-04

## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	-9.463797e-07	2.578067e-05	-3.834527e-05	-9.549700e-05
## SPAC869.02c	-3.575947e-03	3.315478e-03	-2.498507e-04	-1.403969e-03
## SPAC869.01	-2.132897e-05	-6.140610e-05	-2.442022e-05	-2.738590e-04
## SPAC186.01	-1.926292e-03	-1.202336e-04	-1.073186e-04	-1.382861e-03
## SPNCRNA.96	-7.798685e-05	1.867347e-05	-6.462373e-07	5.073256e-06
## SPAC186.03	-1.090710e-04	5.729779e-05	1.017181e-04	-4.815315e-05
## SPAC186.04c	4.029951e-04	-1.977846e-04	-4.698154e-04	1.471260e-04
## SPAC186.06	2.110160e-04	-8.188994e-05	1.489802e-04	-2.439799e-04
## SPNCRNA.310	2.349762e-06	-4.027137e-06	-5.027287e-06	1.786209e-05
## SPAC750.01	1.805380e-03	2.475702e-03	2.514058e-04	-1.610941e-04
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	9.501180e-05	-1.945385e-06	-1.338461e-04	-1.160664e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	2.301737e-04	1.241428e-04	-1.011342e-05	-1.523653e-04
## SPAC212.08c	-1.875624e-04	1.464269e-04	-1.289784e-04	-5.740123e-05
## SPAC212.07c	2.907953e-05	1.826564e-05	-7.926115e-05	-3.880465e-04
## SPAC212.06c	6.983960e-05	2.092245e-04	-1.916153e-05	3.352383e-04
## SPAC212.05c	9.885224e-06	4.781803e-05	4.800734e-05	-4.721480e-05
## SPAC977.01	-6.809238e-06	4.346936e-05	-8.964949e-05	-1.159599e-05
## SPAC977.18	1.328661e-05	-2.870259e-05	6.242107e-05	6.336871e-06
## SPAC977.02	-1.775373e-05	4.621605e-05	-5.249729e-05	-8.509083e-05
## SPAC977.06	-2.004298e-05	-4.091504e-05	-2.157791e-05	-6.298988e-05
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	2.175858e-04	-1.527468e-04	-2.726970e-04	2.443522e-05
## SPAC977.10	-1.367549e-03	1.469226e-03	8.448148e-04	-9.520499e-03
## SPAC977.12	4.819202e-03	5.226120e-03	-4.968985e-03	1.064948e-04
## SPAC977.14c	2.413951e-03	8.182621e-03	1.088096e-02	-1.372384e-02
## SPAC977.17	1.751790e-03	2.156830e-03	-2.006716e-04	-2.248345e-03
## SPNCRNA.137	2.104567e-04	-6.707556e-05	-3.508374e-05	-9.590189e-05
## SPNCRNA.83	-3.558859e-04	-3.283313e-05	1.370941e-04	1.946792e-04
## SPAPJ695.02	4.520951e-04	3.170682e-04	1.312445e-04	5.212960e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	7.658945e-05	2.198901e-04	-6.773570e-04	-9.007960e-04
## SPAC1F8.02c	2.180907e-05	9.416764e-06	-8.100546e-05	-1.151841e-04
## SPAC1F8.03c	3.259650e-03	-2.635717e-03	-6.619894e-04	3.866737e-03
## SPNCRNA.604	3.428209e-04	2.851333e-04	2.345355e-05	4.510384e-04
## SPNCRNA.139	3.099723e-06	6.025454e-06	5.384019e-06	-1.066887e-05
## SPNCRNA.605	2.905020e-03	4.542901e-04	-1.086886e-03	-1.175995e-03
## SPAC1F8.04c	8.331503e-04	1.523430e-04	4.666851e-04	-8.107079e-04
## SPNCRNA.606	4.477807e-04	4.183939e-05	-3.638748e-04	-3.564635e-04
## SPAC1F8.05	1.069333e-03	-1.505414e-04	-1.873658e-05	3.914810e-04
## SPAC1F8.07c	-6.658165e-03	-5.073978e-02	1.687956e-02	-3.259846e-02
## SPAC11D3.04c	-9.711253e-04	5.271065e-03	7.854961e-04	-1.389812e-05
## SPAC11D3.06	2.157643e-04	1.486407e-03	-5.269650e-06	-3.576442e-03
## SPAC11D3.09	1.092282e-03	2.461917e-04	-2.233292e-03	6.090407e-04
## SPAC11D3.10	-1.062661e-03	3.265760e-04	-4.636414e-04	3.150696e-04
## SPAC11D3.13	7.490857e-03	-1.109847e-03	-1.216952e-03	-1.919102e-03
## SPAC11D3.15	3.635856e-03	-5.351569e-03	2.428668e-03	-8.092684e-03
## SPAC11D3.17	1.629431e-03	-1.233908e-04	-1.688104e-04	-1.439008e-03
## SPNCRNA.611	7.666331e-05	1.205126e-04	5.812551e-04	-9.046468e-04
## SPAC5H10.02c	1.787016e-04	1.102741e-03	-1.685963e-04	-1.590633e-04
## SPNCRNA.613	6.500690e-05	3.289353e-05	-7.498904e-06	3.187475e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC5H10.05c	-1.955127e-03	1.469196e-03	3.962006e-03	1.289366e-04
## SPAC5H10.07	-5.755547e-05	5.272371e-04	1.408210e-04	4.121486e-04
## SPNCRNA.614	2.711592e-04	5.041338e-04	-2.125435e-04	-5.885558e-04
## SPNCRNA.615	1.308153e-04	6.632085e-05	-4.849967e-05	1.681121e-04
## SPNCRNA.616	3.133334e-04	9.315879e-05	2.015790e-04	1.810235e-05
## SPAC13G6.02c	2.417571e-02	-2.858740e-02	-1.476690e-02	-1.852861e-03
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-1.866066e-03	2.532487e-03	-1.265699e-03	2.064486e-03
## SPAC13G6.05c	1.872532e-03	-5.331086e-04	1.178653e-04	-1.709359e-03
## SPAC13G6.06c	3.457985e-04	-1.605407e-03	6.492647e-03	-1.293891e-02
## SPAC13G6.07c	2.779813e-02	-2.656325e-03	-6.474638e-03	-2.465763e-02
## SPAC13G6.08	8.420740e-04	-3.271629e-04	-1.201057e-04	-1.003726e-03
## SPNCRNA.619	-1.401681e-03	-1.791553e-03	-9.840343e-05	-4.261464e-04
## SPAC13G6.09	3.328383e-03	-1.349351e-03	-7.674680e-04	1.058128e-04
## SPAC13G6.10c	-1.190315e-02	1.228986e-03	-1.388305e-02	-7.502865e-03
## SPAC13G6.11c	-3.273575e-04	1.745223e-03	-2.229296e-03	-4.399479e-03
## SPAC13G6.12c	1.362468e-03	2.230217e-03	-1.761403e-03	8.255254e-04
## SPAC13G6.13	3.910295e-05	-1.423156e-05	-1.701852e-05	1.908458e-06
## SPAC24B11.06c	5.518971e-03	-3.389441e-04	3.621164e-03	-7.393155e-04
## SPNCRNA.622	-4.069899e-04	-3.462255e-04	1.372122e-03	-1.344278e-03
## SPAC24B11.07c	3.874631e-03	-2.403619e-03	-2.030068e-03	-1.520816e-03
## SPNCRNA.623	3.390524e-04	6.753502e-04	4.662350e-05	-9.984663e-04
## SPAC24B11.10c	-2.494387e-03	-1.098077e-03	-1.055737e-03	-3.480700e-03
## SPAC24B11.14	-5.234225e-04	3.568950e-04	3.426317e-04	1.438264e-04
## SPAC24B11.13	7.976677e-04	1.843735e-03	3.408175e-03	-2.354529e-03
## SPAC806.03c	2.213036e-04	3.102090e-03	-1.519991e-04	1.225754e-02
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	2.489873e-03	-7.112233e-04	1.841305e-03	9.307330e-05
## SPAC806.05	1.291333e-03	-1.049118e-03	-1.610525e-03	-5.459939e-04
## SPNCRNA.629	3.504062e-04	2.716464e-05	-2.504472e-04	-5.250737e-04
## SPAC806.08c	-1.049881e-04	-2.381007e-04	-1.656055e-04	-2.170637e-03
## SPAC1639.01c	5.578201e-03	1.767625e-03	-7.496605e-03	-2.021475e-03
## SPAC1639.02c	4.677214e-03	8.667528e-04	5.217052e-04	-4.837939e-03
## SPNCRNA.631	1.094034e-05	-1.999602e-06	-9.552120e-05	-4.175485e-05
## SPAC1F5.10	1.755740e-03	-1.282711e-04	-1.913251e-03	-8.540230e-03
## SPNCRNA.634	1.341114e-04	4.028806e-04	-3.698090e-05	1.142726e-03
## SPAC1F5.09c	7.702923e-05	-2.050915e-04	1.789446e-04	-7.016296e-04
## SPAC1F5.08c	-1.255605e-03	2.411827e-03	-2.398790e-04	-5.952454e-04
## SPAC1F5.06	4.093257e-03	-3.415329e-03	-5.519797e-03	-2.859384e-03
## SPAC1F5.05c	-6.000856e-04	2.448942e-04	-3.091993e-04	-8.745508e-04
## SPAC1F5.03c	-2.384280e-04	-1.861730e-03	3.717569e-05	-2.504012e-03
## SPAC18B11.11	6.341508e-04	-1.525481e-04	1.364871e-03	-7.319815e-03
## SPAC18B11.06	3.788660e-04	2.956121e-04	-2.645072e-03	-2.859992e-03
## SPAC18B11.05	-6.982213e-04	-8.552639e-05	-8.879561e-04	3.810043e-04
## SPAC18B11.03c	-3.874531e-04	3.390728e-04	1.363621e-03	-1.010566e-03
## SPAC12G12.16c	1.677418e-03	2.220813e-04	-2.196249e-03	1.619924e-03
## SPAC12G12.13c	3.897761e-03	-7.315843e-03	-3.614848e-03	-1.026096e-02
## SPAC12G12.12	-5.282369e-04	-4.471846e-04	-4.521517e-03	-1.565989e-03
## SPAC12G12.11c	-1.374601e-03	7.001451e-04	2.476902e-03	-3.270326e-03
## SPAC12G12.17	3.519977e-04	-7.847205e-04	-3.600971e-04	-1.652487e-03
## SPAC12G12.08	-5.362815e-04	-5.806310e-04	-1.345566e-03	2.306101e-03
## SPAC12G12.07c	7.519357e-03	-2.596737e-04	4.065882e-03	-8.713231e-03

## SPAC12G12.05c	3.197657e-03	1.498000e-03	-4.772589e-03	-2.895733e-03
## SPSNORNA.29	1.692533e-03	-4.561348e-03	3.272235e-03	7.864565e-04
## SPAC12G12.04	-1.277296e-02	2.816182e-02	3.597833e-02	3.174539e-02
## SPAC12G12.02	3.037196e-03	-2.940870e-03	-3.973511e-03	-4.463191e-03
## SPNCRNA.640	-1.541593e-05	8.684440e-05	-3.993663e-04	-6.034198e-04
## SPAC12G12.01c	8.006641e-03	4.294605e-03	-2.533250e-03	-4.735767e-03
## SPAC630.04c	8.884594e-05	4.910923e-04	1.333569e-03	-5.574604e-04
## SPAC630.03	5.234642e-03	-4.528940e-03	-5.289863e-03	-5.767822e-03
## SPAC630.06c	-1.249458e-03	-2.690580e-04	-2.107771e-03	-3.404049e-03
## SPAC630.07c	7.497977e-04	6.150872e-04	-1.068795e-03	-2.549154e-03
## SPNCRNA.641	-1.036463e-04	1.185078e-04	-5.529443e-06	-8.186473e-05
## SPAC630.08c	-1.013177e-02	-2.943927e-03	-6.768354e-03	-2.864984e-03
## SPNCRNA.642	-1.477629e-04	2.226734e-04	1.361332e-04	1.476542e-05
## SPAC630.09c	2.815416e-03	2.237366e-03	-1.419559e-04	1.034326e-03
## SPAC630.10	6.200756e-04	8.023904e-04	-4.744111e-06	-3.651307e-05
## SPAC1751.03	1.020185e-02	4.900516e-04	1.198302e-03	-7.288016e-03
## SPAC31A2.05c	-1.095710e-03	1.230699e-03	1.918234e-03	-4.482285e-03
## SPAC31A2.08	1.752169e-03	-7.752627e-04	-1.507987e-03	-1.358340e-03
## SPAC31A2.10	-1.162804e-03	-3.128333e-04	-7.965674e-04	-1.094325e-03
## SPAC31A2.15c	9.380942e-04	-6.008646e-04	2.697175e-03	-4.459774e-03
## SPAC13C5.02	2.726671e-04	2.561238e-04	-1.029249e-03	-4.951340e-03
## SPAC13C5.03	-1.366254e-03	1.053535e-03	-9.174181e-04	-7.171192e-04
## SPSNORNA.01	-3.451734e-03	2.447077e-02	2.729547e-02	-1.255201e-02
## SPNCRNA.646	1.195454e-03	7.128352e-04	-5.346416e-04	-1.034483e-03
## SPAC13C5.07	-7.902667e-03	1.168199e-03	1.589140e-02	6.736134e-03
## SPNCRNA.647	-4.160843e-05	6.465337e-04	3.035585e-04	-7.641732e-04
## SPNCRNA.648	3.763530e-04	5.415633e-04	1.132016e-04	7.042220e-04
## SPAC23E2.01	2.008514e-03	4.954390e-03	-3.543955e-03	-2.562189e-02
## SPNCRNA.649	-5.577196e-05	-1.495558e-04	3.714768e-05	-2.109708e-04
## SPAC23E2.03c	1.769638e-04	-3.396084e-04	3.112623e-05	-1.637675e-04
## SPNCRNA.650	-8.404784e-05	6.589347e-05	1.611311e-04	-1.644255e-04
## SPAC24H6.13	4.509749e-03	6.490943e-03	-1.945118e-02	-2.174508e-02
## SPNCRNA.651	-1.023429e-05	9.724748e-05	-1.965410e-03	1.281606e-03
## SPAC24H6.10c	2.031105e-04	8.298924e-04	-5.721732e-04	-1.200002e-02
## SPAC24H6.08	2.154976e-03	3.587042e-04	-2.291901e-04	3.845277e-04
## SPAC24H6.05	-2.111837e-03	-1.122226e-03	-1.807863e-04	-7.563070e-04
## SPAC24H6.03	4.025715e-03	-4.996089e-04	-1.192624e-03	-1.101946e-03
## SPNCRNA.47	2.712589e-04	-1.738644e-04	-2.053143e-04	-1.080440e-04
## SPAPB21F2.02	4.343541e-03	-6.954200e-04	-1.161721e-03	-8.203986e-03
## SPAPB21F2.03	-5.576894e-04	-1.148807e-03	4.936247e-05	2.996705e-04
## SPAC227.01c	2.817431e-03	-1.012803e-03	-1.315831e-03	4.508698e-04
## SPAC227.02c	1.168011e-05	-2.145877e-03	1.332295e-04	-2.296823e-03
## SPAC227.03c	-1.687105e-03	6.029077e-04	-1.256461e-03	-3.101875e-04
## SPNCRNA.656	-5.684029e-06	1.021640e-04	3.103636e-04	5.945147e-05
## SPAC227.04	2.628502e-04	9.422510e-04	-4.630098e-04	5.832674e-04
## SPNCRNA.658	-2.135347e-04	7.684924e-05	-1.482825e-04	-2.264995e-04
## SPAC227.14	3.435078e-05	3.382873e-04	-3.555962e-04	2.269322e-03
## SPAC227.15	-9.318552e-04	-1.973428e-03	1.652187e-03	-3.666376e-03
## SPNCRNA.659	-1.711699e-05	-4.062657e-04	-1.775946e-03	-4.518363e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	1.217271e-03	7.655604e-04	-6.858765e-04	-4.595094e-03
## SPAC227.18	-6.681308e-03	2.392858e-03	-8.616927e-04	3.751025e-03
## SPAC2F7.02c	2.944786e-04	-9.703854e-04	1.950040e-03	-1.369140e-03
## SPAC2F7.03c	1.447030e-03	-4.634023e-04	-1.721932e-03	1.136587e-03

## SPAC2F7.05c	-1.835177e-03	1.234073e-03	-1.357706e-02	4.376025e-03
## SPAC2F7.06c	-7.192125e-05	-3.356165e-05	-6.609870e-04	4.610038e-04
## SPAC2F7.07c	-1.535715e-03	8.782529e-04	2.957842e-03	-1.751024e-03
## SPAC2F7.08c	1.617844e-03	-1.648510e-03	-1.297564e-03	2.936684e-04
## SPAC2F7.09c	4.658612e-04	-1.050742e-03	-2.325648e-04	-3.897859e-03
## SPAC2F7.10	1.719440e-03	1.208810e-03	-1.211163e-03	-5.321847e-03
## SPAC2F7.11	-1.968741e-05	1.425375e-03	-1.687335e-03	-7.794849e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	8.431173e-03	6.441653e-04	-5.711440e-03	-3.634198e-03
## SPAC2F7.16c	1.596107e-03	-4.817188e-03	-9.120954e-04	-7.653938e-03
## SPAC2F7.17	5.573452e-04	-1.084768e-03	-1.345629e-03	-2.931787e-03
## SPAC13A11.02c	-9.086934e-03	4.827423e-03	4.879347e-03	6.828845e-03
## SPNCRNA.155	-1.047095e-04	-3.547507e-05	-3.778211e-05	-8.474100e-05
## SPNCRNA.662	-1.678935e-04	1.504801e-04	5.308053e-05	-7.752050e-04
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-4.023663e-04	4.204254e-04	-5.060609e-05	-2.479304e-05
## SPAC3H8.05c	3.426180e-04	1.904506e-03	-1.571040e-04	1.061629e-03
## SPNCRNA.664	2.078590e-04	1.430723e-04	-4.788010e-04	3.449063e-04
## SPNCRNA.665	-1.868487e-04	-1.742366e-05	1.280772e-04	-2.331811e-04
## SPAC3H8.06	4.897509e-04	-8.604376e-04	9.508315e-04	3.906158e-03
## SPAC3H8.07c	1.217294e-03	-1.266344e-04	-1.437120e-05	-3.368689e-03
## SPNCRNA.666	9.337173e-05	-1.372487e-04	-2.606488e-04	-8.661781e-04
## SPAC3H8.09c	1.477948e-03	-1.652521e-03	-8.160736e-04	-8.882635e-03
## SPAC1F3.07c	8.961926e-04	-3.029494e-04	-5.911200e-04	5.329943e-04
## SPNCRNA.668	-8.330039e-04	1.154494e-03	8.298855e-04	-5.094731e-04
## SPAC1F3.08c	-1.484959e-06	3.826747e-05	-1.294574e-05	3.625841e-06
## SPAC1F3.09	1.627988e-02	-9.465671e-03	-8.712603e-03	-3.451325e-03
## SPNCRNA.669	3.344741e-04	1.225164e-03	-8.610553e-04	1.012262e-03
## SPAC1F3.10c	1.943937e-03	1.492159e-03	1.592272e-03	-2.461900e-03
## SPAC1D4.04	-1.139174e-03	2.541124e-03	-2.969948e-03	-7.044247e-03
## SPAC1D4.06c	-8.466868e-04	1.151512e-04	2.211835e-04	-9.697707e-04
## SPAC1D4.08	2.143698e-03	1.753967e-03	-5.493799e-04	2.498940e-03
## SPAC1D4.09c	-1.037696e-03	3.098319e-04	1.475402e-03	-9.453252e-04
## SPAC1D4.11c	4.896744e-05	1.098214e-03	-3.084484e-03	-1.100147e-02
## SPNCRNA.672	4.928024e-04	-5.887916e-05	-7.745834e-04	5.395435e-04
## SPNCRNA.673	1.939277e-04	-1.050302e-04	-2.466881e-05	3.069467e-04
## SPAC1D4.13	2.044191e-03	3.615465e-04	1.783130e-04	2.607236e-04
## SPNCRNA.674	3.259036e-04	-2.689662e-04	-5.701572e-04	-2.876303e-03
## SPAC22F3.12c	-1.973510e-04	5.971396e-05	-9.785895e-04	-1.088681e-03
## SPAC22F3.09c	1.899352e-03	1.128177e-03	1.113192e-04	-1.649475e-03
## SPAC22F3.15	-7.639699e-04	3.797380e-04	-1.935456e-04	2.075378e-04
## SPAC22F3.06c	6.070781e-03	-5.523848e-03	-2.713458e-03	-2.929425e-03
## SPAC22F3.04	-1.244554e-05	-1.324456e-04	7.835949e-06	-1.154632e-04
## SPATRNAVAL.02	-1.782106e-02	-6.737871e-02	2.112944e-02	-1.517919e-02
## SPAC22F3.02	3.806769e-04	1.382514e-04	2.900538e-04	-2.996613e-04
## SPAC1296.01c	-2.483846e-03	-4.392452e-03	5.152120e-03	-3.864705e-03
## SPAC1296.02	1.653238e-03	1.493098e-03	-2.965536e-03	3.526592e-03
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	3.538269e-03	2.544665e-04	-5.888748e-04	-7.123469e-03
## SPAC1296.06	1.101381e-03	-5.591209e-04	4.771599e-04	1.535609e-04
## SPAC22G7.02	7.812709e-03	-1.207839e-03	-6.722545e-03	-1.086373e-02
## SPAC22G7.04	3.784959e-03	2.099386e-04	6.060941e-04	1.494053e-03
## SPAC22G7.06c	-1.480223e-04	-1.827381e-02	-2.461765e-04	6.986794e-02
## SPAC22G7.07c	1.890852e-03	-8.495707e-05	-1.959532e-03	-1.236340e-03

## SPAC22G7.08	2.352246e-03	2.248589e-04	-9.569036e-04	1.680718e-05
## SPAC22G7.11c	-8.714653e-04	1.012412e-03	6.545513e-04	-2.205860e-05
## SPNCRNA.679	-6.212135e-05	3.484455e-05	-5.600590e-04	-4.377273e-05
## SPNCRNA.680	-3.961058e-05	-3.961962e-05	2.708398e-04	-6.850795e-04
## SPAC4G8.04	2.278802e-03	-2.591723e-06	1.508344e-03	6.690482e-05
## SPAC4G8.05	2.426407e-03	3.633492e-03	5.096767e-03	-1.128879e-03
## SPAC4G8.07c	3.863568e-04	-6.802955e-04	3.590906e-04	-2.964027e-03
## SPNCRNA.681	2.528927e-05	-3.081498e-06	-1.235905e-05	2.211680e-05
## SPNCRNA.682	-1.619532e-04	4.521205e-04	-1.506188e-04	-2.054979e-04
## SPAC4G8.09	1.708551e-03	-2.561367e-03	-2.150426e-04	-2.110049e-03
## SPNCRNA.683	9.707013e-07	4.541595e-05	5.962970e-04	-2.910158e-04
## SPAC4G8.10	6.328654e-04	1.709543e-03	2.820014e-04	2.369996e-04
## SPNCRNA.684	-3.040624e-04	-2.372289e-05	-6.060715e-05	2.024858e-04
## SPAC16C9.01c	2.187022e-03	-1.026038e-03	7.823786e-04	-1.784166e-03
## SPNCRNA.685	3.706165e-05	1.590298e-04	-4.904532e-04	2.377596e-05
## SPNCRNA.686	-3.146098e-04	2.522185e-04	-8.980625e-05	1.345375e-03
## SPAC16C9.02c	4.752806e-03	4.792956e-03	-3.259300e-03	-1.377650e-02
## SPAC16C9.03	6.206134e-04	1.060231e-03	-4.278841e-03	-2.139489e-03
## SPAC16C9.04c	-6.471332e-05	1.154115e-04	3.007417e-04	-1.980972e-03
## SPNCRNA.687	-1.045998e-03	3.821508e-05	5.990222e-04	-9.194443e-04
## SPAC16C9.06c	1.367267e-03	-3.242434e-03	-3.394215e-03	-1.317709e-03
## SPAC16C9.07	2.209255e-03	-8.677212e-04	2.771522e-04	-6.841217e-03
## SPAC2G11.04	3.514530e-04	-3.444373e-04	-6.763258e-04	9.607444e-04
## SPAC2G11.05c	-2.324426e-04	9.506414e-04	9.493031e-05	-2.066837e-03
## SPAC2G11.08c	3.359101e-04	-1.158241e-03	-1.686289e-03	-1.937564e-03
## SPAC2G11.10c	7.233905e-04	2.665792e-04	-1.531199e-03	-8.702242e-05
## SPNCRNA.689	3.544748e-04	1.837260e-04	2.273459e-04	4.293399e-04
## SPAC2G11.11c	1.456288e-04	-2.128890e-03	-3.188850e-03	-1.509546e-04
## SPNCRNA.690	1.565980e-04	-3.956730e-05	-2.091498e-04	3.636815e-05
## SPAC2G11.13	1.097321e-03	-6.864428e-05	-5.313293e-04	-7.197933e-04
## SPAC2G11.14	1.340137e-03	-4.483146e-03	-2.761920e-03	2.551715e-03
## SPAC2G11.15c	1.431852e-03	-7.821717e-04	-5.904676e-04	1.959745e-03
## SPAC521.04c	2.907471e-03	-2.050024e-03	-2.858628e-03	-2.346962e-03
## SPNCRNA.693	-7.280981e-05	-4.656924e-05	8.792113e-05	3.400449e-05
## SPAC23G3.02c	-4.192813e-03	-2.796971e-03	-1.979545e-03	5.407208e-03
## SPAC23G3.03	-2.396648e-03	-2.961843e-04	3.235243e-04	-1.969852e-03
## SPAC23G3.05c	-5.074306e-04	-6.490980e-04	1.093017e-04	-5.089396e-05
## SPAC23G3.09	4.304419e-03	-1.173286e-04	2.034762e-03	-4.779861e-03
## SPAC23G3.11	8.400286e-03	-1.456683e-03	1.147370e-03	3.200813e-03
## SPAC23G3.12c	9.404687e-03	-4.846781e-03	-6.083003e-03	-9.118946e-03
## SPAC22H12.03	9.965375e-04	9.440393e-04	-3.020505e-04	3.010118e-04
## SPAC22H12.04c	6.376042e-02	-2.744729e-02	-1.021396e-01	-8.517221e-02
## SPAC1687.02	9.084015e-04	-4.700448e-04	2.170080e-04	-1.211021e-03
## SPAC1687.03c	3.171210e-03	-1.642637e-03	-8.496470e-04	-2.343541e-03
## SPNCRNA.695	1.574959e-04	3.469262e-04	6.971510e-05	-5.293003e-04
## SPRRNA.12	1.748747e-01	-1.755934e-01	2.554024e-02	2.013159e-01
## SPAC1687.07	-4.070178e-04	5.060276e-04	9.276073e-04	-1.532463e-04
## SPAC1687.08	-1.983116e-05	2.721130e-04	4.004265e-04	-1.505935e-04
## SPAC1687.09	5.908545e-03	-5.164687e-03	3.857523e-03	1.671187e-03
## SPAC1687.10	1.926927e-03	-1.255817e-03	-1.664597e-03	-2.590407e-06
## SPAC1687.13c	-1.061889e-03	1.094064e-03	-5.051214e-05	-1.364425e-03
## SPAC1687.23c	-9.153709e-07	1.382349e-05	1.375751e-05	-1.752683e-05
## SPAC1687.15	9.413161e-04	-5.804219e-04	1.722967e-03	-2.798248e-04
## SPNCRNA.697	-1.848436e-05	1.373406e-04	1.662598e-04	1.241583e-05

## SPAC1687.21	-3.739845e-04	1.653469e-03	7.397406e-04	-8.955447e-03
## SPAC1687.22c	8.167022e-04	-1.190887e-03	-9.815144e-04	-4.354976e-03
## SPNCRNA.698	4.738513e-04	2.472332e-04	-1.040471e-03	1.001564e-03
## SPNCRNA.699	6.226403e-04	9.153613e-04	1.275060e-05	4.568318e-04
## SPAC222.05c	1.078609e-03	-1.713942e-04	-3.407613e-04	-2.467316e-03
## SPNCRNA.700	1.271225e-04	-7.024525e-05	-2.817889e-04	-1.229643e-04
## SPATRNAGLU.02	3.534808e-02	-1.234152e-01	-4.902505e-02	-1.222735e-01
## SPAC222.09	-2.103704e-03	-3.982376e-03	-2.513974e-03	-2.836446e-03
## SPAC222.10c	2.673140e-03	-2.525616e-04	-2.955122e-03	-1.702098e-03
## SPAC222.11	-7.408172e-03	5.042627e-03	1.766923e-04	-1.235590e-03
## SPAC222.12c	2.369018e-02	-1.557720e-02	1.930981e-02	3.786363e-02
## SPAC222.13c	2.292353e-03	-7.399062e-04	8.886021e-04	-4.066001e-03
## SPAC222.14c	2.650769e-03	-4.551310e-04	-2.305531e-03	-1.156475e-03
## SPNCRNA.50	-2.859545e-05	4.209917e-05	-2.635863e-04	-2.392458e-06
## SPAC821.03c	2.438850e-03	2.923071e-03	-1.521561e-03	-5.772390e-03
## SPAC821.04c	5.236551e-03	-1.814057e-04	-2.975073e-03	2.989003e-03
## SPSNRNA.03	-1.237644e-01	-1.501067e-01	4.889291e-02	-2.108517e-04
## SPAC821.07c	3.652297e-03	-2.459905e-04	2.176634e-03	-4.464721e-04
## SPNCRNA.163	-1.064424e-04	1.564131e-04	-1.192315e-04	-9.355822e-05
## SPNCRNA.164	1.692068e-05	4.823194e-05	-7.271958e-06	-2.786105e-05
## SPAC821.11	8.768914e-04	-1.097306e-03	-1.826418e-03	2.284257e-04
## SPAC821.13c	4.008664e-03	5.931829e-04	-1.854800e-03	-1.265191e-03
## SPAC139.03	2.557998e-03	-3.706606e-04	-3.094743e-03	-3.374058e-03
## SPAC139.04c	3.074500e-04	1.576946e-04	-3.966753e-04	1.831038e-04
## SPNCRNA.705	-2.310417e-04	7.912273e-05	-3.769089e-05	-8.810384e-05
## SPAC139.05	5.762229e-02	-1.156871e-02	7.513150e-03	-9.454020e-03
## SPNCRNA.706	8.687730e-04	-5.633364e-04	2.264695e-04	-8.378005e-04
## SPAC139.06	1.273437e-03	-2.033171e-03	-2.410058e-03	-1.079528e-03
## SPNCRNA.707	2.187899e-04	3.014390e-04	4.260522e-04	3.483056e-04
## SPAC23C4.02	5.451582e-03	7.711973e-04	-9.099239e-03	-1.458967e-02
## SPAC23C4.04c	1.408956e-03	-1.742248e-04	-5.905166e-04	1.033334e-03
## SPAC23C4.07	4.025312e-04	-5.006245e-04	-8.241799e-04	4.904578e-04
## SPAC23C4.08	3.798668e-04	-2.045829e-04	4.784674e-04	3.769960e-04
## SPNCRNA.708	3.333110e-04	-5.557311e-04	1.576334e-04	-5.236817e-04
## SPAC23C4.12	-4.286742e-04	-2.403788e-04	-9.238306e-04	-2.033990e-03
## SPAC23C4.16c	3.571886e-03	-4.415302e-04	1.800008e-03	-2.295269e-03
## SPNCRNA.709	-1.831724e-04	7.431928e-04	3.986355e-04	1.648737e-05
## SPNCRNA.166	2.767304e-04	-3.640444e-05	4.939626e-05	1.977607e-04
## SPAC23C4.19	2.266176e-03	-2.680385e-04	-6.925968e-03	-7.069163e-03
## SPAC1A6.11	-1.636794e-04	-1.590171e-05	-3.752138e-04	-8.131003e-05
## SPAC1A6.05c	2.597170e-03	-1.602545e-03	3.767155e-04	-4.087808e-03
## SPAC1A6.07	2.908022e-03	-7.060696e-04	4.904453e-04	7.233937e-04
## SPAC1A6.09c	1.994509e-03	-4.198023e-04	-1.199417e-03	-1.008280e-02
## SPAC1A6.10	1.723004e-03	-1.240756e-04	-2.480372e-03	5.724876e-03
## SPAC30D11.13	-1.288315e-03	-7.308090e-04	1.104738e-04	-1.145762e-03
## SPAC30D11.12	1.544570e-02	4.706595e-03	-6.643393e-03	-1.088555e-02
## SPAC30D11.11	-3.497563e-03	1.739960e-03	4.860618e-03	-6.160287e-03
## SPAC30D11.10	-1.027301e-03	-7.935225e-04	-8.042762e-04	-1.089314e-03
## SPNCRNA.712	7.385041e-05	-2.672133e-04	-2.125179e-05	-8.506018e-04
## SPAC30D11.09	2.181353e-03	-4.881354e-05	-1.136748e-04	4.676763e-04
## SPAC30D11.08c	-1.340082e-04	3.062451e-04	-7.428144e-04	-1.534653e-03
## SPAC30D11.04c	6.223608e-03	-5.662237e-03	-2.122663e-03	-4.960626e-03
## SPAC30D11.03	4.476077e-03	-1.213603e-03	-4.654274e-03	-1.124188e-03
## SPAC30D11.01c	4.709532e-03	7.803203e-04	-1.450918e-03	-3.169445e-03

## SPNCRNA.713	-1.136684e-03	6.621654e-04	2.413542e-04	-9.534085e-04
## SPNCRNA.714	-1.098211e-04	1.625346e-05	1.517320e-05	3.254483e-05
## SPAC56F8.03	4.215756e-03	-5.007743e-03	-1.147526e-02	-1.525149e-02
## SPAC56F8.05c	-5.102359e-03	2.603159e-03	-3.610909e-04	-7.259905e-04
## SPNCRNA.715	3.263355e-04	-1.696207e-04	-3.209031e-04	3.037698e-04
## SPAC56F8.07	1.166607e-03	1.603629e-03	-2.794553e-03	1.585828e-03
## SPAC56F8.08	-2.988476e-03	-4.609260e-04	-3.557123e-03	1.631439e-03
## SPAC56F8.10	5.709689e-03	-3.117169e-03	-6.132085e-03	3.928167e-03
## SPAC56F8.11	-1.057951e-03	3.384110e-03	1.549820e-03	-5.427044e-04
## SPAC56F8.14c	-8.575186e-04	-2.583837e-04	-3.587173e-04	-2.453820e-03
## SPAC56F8.13	-3.000174e-04	7.206102e-04	-1.666385e-04	-4.306873e-04
## SPAC56F8.15	4.294016e-04	-1.592176e-04	-5.627151e-04	7.743909e-04
## SPAC22A12.01c	2.066960e-03	-7.300665e-04	1.112312e-03	-5.107780e-03
## SPAC22A12.03c	8.261871e-04	1.737761e-03	2.270489e-03	-1.489153e-03
## SPAC22A12.05	2.245521e-03	-8.922783e-04	-9.500466e-04	-3.436477e-03
## SPAC22A12.06c	1.403535e-03	2.571120e-03	1.039704e-03	-2.369310e-03
## SPNCRNA.718	-5.309841e-04	2.328720e-04	5.324834e-04	-1.389821e-03
## SPAC22A12.13	1.168801e-03	-9.731440e-04	6.367475e-04	-2.577105e-03
## SPAC22A12.15c	4.061926e-02	-6.456030e-02	-5.670871e-03	-4.356393e-02
## SPAC22A12.16	2.187971e-03	3.706342e-03	-1.326488e-02	-5.528786e-03
## SPAC4C5.01	2.901871e-03	1.309667e-03	-2.733177e-03	-1.406965e-03
## SPATRNAALA.02	6.787597e-04	-2.275450e-04	-2.177685e-03	-3.574912e-03
## SPNCRNA.722	1.833093e-03	-1.139102e-04	-6.916869e-04	-4.699924e-04
## SPAC4C5.04	1.848279e-03	-1.102725e-03	1.828569e-03	-1.421513e-03
## SPNCRNA.723	1.120187e-04	5.390277e-04	-7.675656e-05	-2.187111e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	3.234401e-03	-1.322531e-03	1.431615e-02	-9.058378e-03
## SPAC10F6.04	2.723947e-03	4.014956e-04	-3.835195e-04	-4.650340e-04
## SPAC10F6.06	2.376192e-02	-1.750894e-02	-3.393568e-03	1.318720e-02
## SPAC10F6.07c	-4.949699e-04	1.871033e-04	-3.656633e-04	-4.955425e-04
## SPNCRNA.554	-4.972624e-04	1.287874e-04	-6.794910e-05	-3.746397e-05
## SPAC10F6.08c	-9.702288e-05	-9.459099e-04	-5.188952e-04	-1.385462e-03
## SPAC10F6.09c	5.519839e-03	-3.350801e-03	-5.913130e-03	-2.622125e-03
## SPAC10F6.11c	-1.367475e-03	-2.300813e-03	-1.590026e-03	-2.808891e-03
## SPAC10F6.12c	9.428643e-04	1.520322e-03	1.710716e-04	-1.799475e-03
## SPAC10F6.13c	-1.308636e-02	2.254292e-03	5.005413e-03	3.908149e-03
## SPAC10F6.14c	7.803382e-04	1.084613e-03	-2.572568e-03	-4.237766e-03
## SPNCRNA.82	3.597570e-05	1.680688e-05	3.266748e-05	6.469722e-05
## SPNCRNA.727	-5.034297e-04	3.356280e-04	6.931040e-04	5.179577e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-1.405358e-03	9.159613e-04	-1.998048e-03	-1.990925e-04
## SPNCRNA.729	1.893456e-04	4.136764e-05	-1.962229e-05	-2.505322e-05
## SPAC10F6.16	-5.717397e-03	6.251424e-04	-4.339796e-03	-4.200118e-03
## SPAC56E4.02c	1.369490e-03	3.287063e-04	-1.838117e-03	-1.157693e-03
## SPAC56E4.04c	-2.751644e-02	5.316521e-03	-8.849813e-02	5.716095e-02
## SPAC56E4.05	1.418851e-03	1.004197e-05	-6.664016e-06	-5.003697e-04
## SPAC56E4.06c	-7.984776e-04	8.171346e-04	-1.144385e-03	-2.947495e-03
## SPAC1420.01c	-2.825515e-04	-3.989533e-03	-2.744828e-03	-6.368458e-03
## SPAPB17E12.04c	4.950290e-04	-6.506039e-04	-1.124309e-04	3.680021e-04
## SPAPB17E12.06	2.865946e-04	-8.342996e-04	-1.973261e-04	-7.153303e-04
## SPAPB17E12.07c	1.571618e-04	1.236217e-03	-8.921575e-04	-1.711904e-03
## SPAPB17E12.08	3.788395e-04	-4.092155e-04	-4.513813e-04	-9.942865e-04
## SPAPB17E12.10c	-4.101775e-04	1.003369e-03	-1.844805e-03	-2.955800e-03
## SPAPB17E12.09	3.930571e-05	1.713169e-04	9.016184e-05	1.668917e-04

## SPAPB17E12.12c	1.627569e-03	-2.530918e-04	3.954407e-04	-7.447884e-04
## SPAPB17E12.14c	5.346469e-04	-6.513007e-03	4.998748e-03	-6.378028e-03
## SPAPB17E12.13	1.873024e-03	-3.117533e-02	-6.358663e-03	3.843844e-02
## SPAC1565.01	5.697221e-05	1.723665e-03	-4.371873e-03	-8.562301e-03
## SPAC1565.02c	1.815704e-03	9.233835e-05	-2.464332e-04	8.154600e-05
## SPAC1565.04c	-8.648674e-04	1.040489e-03	3.915899e-04	-7.118605e-05
## SPNCRNA.169	2.211178e-05	-1.528953e-05	-2.210002e-05	4.678221e-05
## SPAC1565.08	-8.237498e-03	-3.428080e-02	4.086645e-02	5.354289e-02
## SPAC6F12.02	4.578248e-03	-3.545288e-03	-4.036800e-04	-5.451376e-03
## SPAC6F12.03c	-1.145738e-03	2.663473e-04	1.251195e-03	4.695297e-04
## SPAC6F12.04	-9.627221e-04	3.807838e-03	3.203103e-03	-5.943103e-03
## SPAC6F12.05c	-2.085080e-03	1.923817e-03	-3.181792e-03	-1.505357e-03
## SPAC6F12.10c	4.021257e-03	2.207680e-03	3.030416e-04	6.872091e-03
## SPNCRNA.734	6.797930e-06	1.630649e-05	1.300210e-06	-5.110240e-05
## SPAC6F12.11c	5.112005e-03	2.496897e-04	-9.740746e-04	-5.044652e-03
## SPAC6F12.14	9.560663e-04	2.949920e-04	1.659450e-04	-3.377159e-03
## SPNCRNA.735	5.699232e-04	4.181739e-06	-1.299034e-04	-1.406545e-04
## SPAC6F12.16c	-2.298217e-03	1.813417e-03	-6.391678e-03	-7.774283e-03
## SPAC6F12.17	1.150323e-02	-5.390882e-03	-5.676771e-03	-7.806634e-03
## SPNCRNA.736	3.651537e-04	8.424026e-04	5.799539e-05	-5.944336e-04
## SPNCRNA.737	-8.197877e-06	3.187954e-04	-5.835717e-05	-6.210827e-04
## SPAC57A10.02	-1.258425e-03	-1.361612e-03	-3.189264e-04	-1.801886e-03
## SPNCRNA.739	-9.656415e-05	6.511154e-05	2.606005e-04	-7.530627e-04
## SPAC57A10.04	6.031597e-04	5.735870e-04	4.218081e-04	4.673273e-04
## SPAC57A10.14	1.835899e-03	-1.391140e-03	-4.286432e-05	4.546086e-04
## SPAC57A10.10c	9.392160e-03	-3.289891e-03	-1.680327e-02	-9.994982e-03
## SPAC57A10.11c	5.437879e-03	-2.404403e-03	2.336156e-03	-3.744018e-03
## SPAC20G8.01	2.535644e-03	-2.126634e-03	7.227715e-04	-6.128173e-03
## SPAC20G8.02	3.071395e-03	-3.607773e-04	6.659026e-06	-2.448118e-03
## SPNCRNA.58	3.790868e-04	2.709494e-05	-5.836228e-04	7.071926e-04
## SPAC20G8.03	-3.557069e-03	2.970472e-03	5.081543e-03	1.286353e-03
## SPNCRNA.740	2.661334e-04	-1.898947e-04	-4.876468e-04	-8.223392e-04
## SPAC20G8.07c	2.229151e-04	5.014545e-03	1.602268e-03	-3.425703e-03
## SPATRNACYS.01	2.068068e-03	8.187976e-04	-1.317377e-03	-7.707339e-03
## SPAC3A12.02	7.766055e-04	6.554862e-04	-6.061647e-04	-7.445008e-04
## SPAC3A12.03c	1.444198e-03	-9.134371e-04	8.656510e-04	-5.148888e-03
## SPAC3A12.05c	-4.267247e-03	1.955697e-03	2.510656e-04	6.058009e-04
## SPAC3A12.06c	-1.928966e-04	-6.339098e-04	4.087147e-03	9.954833e-04
## SPAC3A12.08	-6.979137e-04	-4.737781e-04	8.543309e-04	-5.126983e-04
## SPAC3A12.09c	-1.551118e-03	6.483863e-04	1.510605e-03	-3.169630e-03
## SPAC3A12.10	2.173745e-02	5.827586e-03	1.062392e-02	-6.676250e-03
## SPAC3A12.12	1.310073e-03	-1.503377e-03	-9.087045e-04	-2.968137e-03
## SPAC3A12.13c	-1.320104e-03	-4.351149e-03	2.206762e-03	-1.085397e-02
## SPATRNAPRO.03	4.874767e-03	-1.553779e-02	5.561905e-03	-1.161043e-03
## SPAC3A12.16c	1.891615e-03	-8.459149e-04	-5.861973e-03	-5.282477e-03
## SPAC3A12.17c	2.188981e-03	1.094764e-03	-1.126344e-03	-3.299570e-03
## SPAC9.02c	5.246198e-04	2.159090e-03	7.293977e-04	1.935251e-03
## SPAC9.04	1.094232e-05	7.958328e-06	-1.639428e-05	1.713400e-05
## SPAC9.07c	-4.067643e-03	-1.877667e-03	-1.507804e-03	-3.102770e-03
## SPNCRNA.742	-1.441610e-04	1.511856e-05	-4.398616e-04	-5.371150e-04
## SPATRNAMET.02	6.120952e-03	3.034615e-02	2.941668e-02	-7.689821e-03
## SPAC9.11	-1.019944e-03	2.502877e-04	-3.213638e-04	-1.156320e-03
## SPAC9.12c	2.585529e-03	-2.965608e-03	-5.825946e-04	9.183573e-04
## SPAC9.13c	1.127199e-03	3.031651e-04	-6.186394e-04	-9.284222e-04

## SPAC5D6.13	3.039819e-03	-2.828949e-03	-9.253007e-05	-6.700853e-03
## SPAC5D6.08c	-1.751821e-03	1.204111e-03	-4.417824e-04	3.189524e-04
## SPAC5D6.06c	2.192382e-04	-8.641831e-05	-3.410183e-04	-2.427130e-03
## SPAC5D6.05	-6.265816e-04	-2.680076e-04	-1.244625e-03	1.518223e-04
## SPAC5D6.01	6.832062e-03	5.372477e-03	-5.088648e-03	-6.250388e-03
## SPNCRNA.173	1.212497e-04	2.009386e-04	-1.010766e-04	3.638616e-04
## SPAC57A7.13	6.018298e-04	-7.499616e-04	-3.139207e-04	-5.467644e-03
## SPAC57A7.12	2.546009e-02	1.845186e-02	-2.459522e-02	-2.963671e-02
## SPAC57A7.11	3.564468e-03	3.317849e-03	-4.877868e-04	-3.425284e-03
## SPAC57A7.09	-2.342082e-04	-5.590668e-04	-2.534280e-03	-5.638454e-04
## SPATRNALEU.01	4.901257e-03	-1.938409e-03	-1.119097e-02	1.003002e-03
## SPAC57A7.07c	-2.448266e-04	-5.196301e-04	1.188070e-03	-1.544548e-03
## SPNCRNA.744	3.020390e-04	-1.109761e-04	1.103233e-04	-4.659762e-05
## SPAC57A7.05	1.231886e-02	-3.608884e-03	3.134359e-03	-3.052778e-03
## SPAC57A7.15c	-6.595157e-04	-4.998300e-04	4.423639e-04	-2.188422e-04
## SPAC167.06c	-2.268196e-03	1.002276e-04	-8.176172e-04	8.432317e-04
## SPAC167.02	-6.448613e-04	2.509972e-04	1.215055e-03	-2.641823e-03
## SPAC167.03c	-2.647579e-04	-1.076986e-03	-1.710122e-03	-2.005714e-03
## SPAC167.01	6.638891e-04	-1.552413e-04	1.064009e-03	-2.609674e-03
## SPNCRNA.555	-3.646478e-05	-1.180001e-04	-3.816683e-05	-1.125783e-04
## SPRRNA.53	-1.701507e-01	1.925652e-02	-1.653763e-01	-6.737934e-02
## SPAC1705.02	-5.913219e-04	1.465162e-03	1.104291e-03	-1.694277e-03
## SPNCRNA.175	-8.222003e-05	-3.194063e-06	1.377760e-04	-1.249004e-04
## SPAC23H4.18c	-2.158866e-03	1.551933e-03	-1.595852e-03	-1.539225e-04
## SPAC23H4.14	4.717761e-04	-7.590428e-04	4.271621e-04	-2.053492e-03
## SPAC23H4.11c	1.711445e-03	3.664728e-04	7.030346e-05	-1.670462e-03
## SPAC23H4.10c	3.103903e-03	2.949813e-03	-4.908720e-04	-8.321220e-03
## SPAC23H4.09	2.830363e-03	2.521960e-03	-1.720595e-02	4.657157e-03
## SPAC23H4.06	1.136213e-02	-1.565929e-03	9.061619e-03	-1.458150e-03
## SPAC23H4.03c	5.949336e-03	-1.718903e-03	-7.834226e-04	-5.620468e-03
## SPAC23H4.02	1.704090e-04	-7.468026e-04	-1.726050e-03	-1.297862e-04
## SPAC23H4.01c	1.495373e-03	6.437021e-04	-4.510659e-03	3.237349e-04
## SPAP27G11.02	1.031813e-03	-1.931349e-04	-1.339615e-03	-1.336517e-04
## SPNCRNA.748	7.252773e-05	-7.602181e-05	3.139600e-05	2.342459e-04
## SPAP27G11.04c	3.342581e-03	-7.934262e-04	-2.548901e-03	3.053633e-03
## SPAP27G11.06c	1.054487e-03	2.962047e-03	6.123321e-04	-3.120318e-03
## SPAP27G11.07c	-9.749106e-04	-5.666301e-04	-9.014116e-05	-9.529789e-04
## SPAP27G11.08c	1.201502e-04	-1.726667e-04	-2.789675e-04	-5.334089e-04
## SPAP27G11.10c	5.847533e-03	1.850254e-03	-3.917965e-03	-1.853443e-03
## SPAP27G11.11c	-1.787156e-05	-2.753345e-05	-1.899495e-04	3.072888e-04
## SPNCRNA.750	2.536186e-05	2.274333e-05	5.666148e-05	5.706256e-06
## SPAP27G11.16	-6.007319e-04	3.090041e-04	-5.973696e-04	1.776459e-03
## SPAP27G11.12	1.411279e-03	-1.469492e-03	-6.578328e-04	-7.445375e-03
## SPAP27G11.13c	5.287992e-03	1.094231e-03	-4.016634e-03	-1.911978e-04
## SPAC343.02	3.199809e-03	-1.383916e-03	2.772237e-03	-1.813585e-03
## SPATRNAAGLY.01	3.482126e-03	-1.162512e-03	-1.921793e-02	1.378940e-02
## SPNCRNA.751	2.636904e-04	2.314588e-04	3.123998e-05	-1.590603e-04
## SPAC343.06c	2.982575e-03	2.045527e-03	-2.483636e-03	-3.549173e-03
## SPAC343.09	1.202762e-03	-3.442690e-03	7.377903e-04	4.370964e-03
## SPNCRNA.753	1.300588e-04	1.492948e-04	2.520679e-04	-3.526077e-04
## SPAC343.21	1.024927e-03	-8.793043e-05	7.133082e-04	1.328675e-04
## SPAC343.12	6.924497e-02	-4.351779e-02	-4.155260e-02	-2.269909e-02
## SPAC343.13	1.098096e-03	-1.123984e-03	1.845541e-04	-1.303012e-03
## SPAC343.14c	1.089853e-03	1.315390e-03	-3.725868e-04	2.488799e-03

## SPAC343.16	6.185252e-03	2.753785e-03	-1.511046e-03	-1.015428e-03
## SPAC343.18	-2.090800e-03	-6.523407e-04	2.653736e-05	-2.406826e-03
## SPAC343.19	2.586779e-03	-4.640917e-04	-5.070432e-04	-4.999959e-03
## SPAC824.02	6.920127e-03	3.562490e-03	-1.303913e-03	-6.605305e-03
## SPAC824.03c	3.102926e-03	-7.475284e-04	1.496572e-03	-1.938758e-03
## SPNCRNA.755	4.686794e-04	-3.012128e-04	6.686316e-05	2.593196e-04
## SPAC824.06	-5.646178e-04	-5.582815e-04	2.524713e-03	-2.580025e-03
## SPAC824.09c	1.635789e-03	5.544426e-04	2.606634e-03	7.977902e-04
## SPNCRNA.177	2.666175e-05	-1.299125e-04	-2.579268e-04	6.077067e-05
## SPAC664.01c	1.932767e-03	4.990655e-04	4.947282e-04	-7.958437e-03
## SPAC664.02c	-9.728695e-05	-9.805318e-04	-6.442711e-04	-2.226003e-03
## SPAC664.05	-1.752307e-02	-1.662743e-02	3.580153e-02	3.207901e-02
## SPNCRNA.756	1.266308e-03	-3.329469e-04	-1.234982e-04	-3.190572e-04
## SPAC664.06	9.464738e-03	-2.813756e-03	-1.168933e-02	-1.676633e-02
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	1.129291e-04	-5.707545e-05	-7.435420e-05	-1.041574e-04
## SPAC664.13	1.063850e-03	-3.707442e-04	7.981164e-04	1.131263e-04
## SPATRNALYS.02	-9.942713e-04	-3.373810e-03	-1.385618e-03	-6.876218e-04
## SPAC664.15	1.908738e-03	-7.114581e-04	4.523182e-03	2.387254e-03
## SPAC105.02c	7.377320e-04	3.778120e-03	6.220363e-04	-7.168233e-03
## SPATRNATYR.01	2.457267e-03	2.988882e-03	-3.318391e-03	-5.181834e-03
## SPAC105.03c	7.411796e-04	1.098323e-03	5.014602e-03	-3.177657e-03
## SPAC17A5.01	3.442267e-03	-1.310003e-03	-1.724372e-03	5.248643e-04
## SPNCRNA.759	2.034012e-04	8.905162e-05	-9.016750e-05	-6.558101e-05
## SPNCRNA.556	3.383533e-04	-1.549598e-04	-1.769006e-04	1.951106e-04
## SPAC17A5.05c	1.367333e-04	5.013259e-04	-2.178730e-03	-8.955011e-04
## SPAC17A5.07c	1.341583e-03	-7.016350e-04	-9.731532e-04	-1.176494e-03
## SPAC17A5.09c	-2.298807e-03	-1.413185e-03	1.893753e-04	-5.275463e-05
## SPATRNAILE.01	-6.236318e-04	-5.526213e-04	-2.126732e-03	-2.092539e-03
## SPNCRNA.760	6.377954e-04	2.349223e-05	-3.321327e-04	2.899968e-04
## SPNCRNA.761	5.396925e-04	2.899919e-04	-8.303808e-04	6.760324e-05
## SPAC17A5.13	-9.434261e-04	3.462878e-03	2.601374e-03	-4.400266e-03
## SPAC17A5.15c	5.263723e-03	-1.637047e-03	3.955702e-03	-6.496821e-03
## SPNCRNA.762	1.763985e-03	2.710350e-04	7.458692e-04	-5.831835e-03
## SPAC1002.01	2.085794e-04	3.387303e-05	-2.960434e-04	-1.016258e-05
## SPAC1002.06c	-3.734276e-04	-2.140413e-05	-5.861078e-05	1.343081e-04
## SPAC1002.07c	-2.691161e-03	1.445544e-03	1.117913e-03	6.935640e-04
## SPAC1002.08c	3.724696e-04	1.391285e-04	2.760671e-04	-2.176567e-03
## SPNCRNA.763	2.109709e-04	6.199730e-05	-3.794460e-04	4.009116e-04
## SPAC1002.10c	1.302470e-03	-9.628734e-04	9.009933e-06	-2.963787e-03
## SPAC1002.11	2.284992e-05	-1.631022e-03	-5.591489e-04	-4.933246e-03
## SPAC1002.13c	-4.619355e-04	-1.809361e-02	-2.103125e-02	8.371422e-03
## SPAC1002.15c	3.660118e-04	-3.115933e-04	1.558716e-04	6.447393e-04
## SPAC1002.14	2.388946e-03	-2.698283e-03	-3.513216e-03	1.981042e-03
## SPAC1002.16c	-1.269365e-04	-5.085496e-04	4.329919e-04	-2.188940e-05
## SPAC1002.17c	-6.168868e-03	-1.763272e-02	1.080690e-02	5.986823e-04
## SPAC1002.18	-5.084475e-03	-1.111896e-02	7.695108e-03	2.618965e-03
## SPAC1399.05c	3.094356e-03	1.020705e-04	-1.269977e-03	-5.474467e-03
## SPNCRNA.764	6.916443e-04	-9.422794e-04	-1.457001e-04	-1.460173e-04
## SPNCRNA.178	2.318863e-04	3.571016e-05	3.649028e-05	-9.091103e-04
## SPAC1399.02	8.819202e-04	-5.584292e-04	2.101816e-04	-5.083077e-03
## SPAC1399.06	-1.060148e-04	1.924119e-04	2.347958e-04	3.097846e-05
## SPAP11E10.01	4.141501e-03	-1.185077e-03	2.470241e-03	-2.368723e-03
## SPAPB1A10.03	1.199500e-03	4.086488e-04	3.357386e-04	-4.048462e-04

## SPAPB1A10.16	-6.444206e-04	5.882065e-04	1.350943e-03	1.947445e-03
## SPAPB1A10.04c	4.052278e-04	-6.788071e-04	-7.007950e-04	-1.045168e-03
## SPNCRNA.765	9.160900e-05	3.060986e-05	5.277497e-04	-5.974408e-04
## SPAPB1A10.05	-3.755507e-04	-6.691945e-04	4.037159e-04	-9.611511e-04
## SPNCRNA.766	7.119176e-04	-1.093304e-03	-1.518476e-04	7.255391e-04
## SPAPB1A10.09	4.212250e-03	2.618361e-04	-2.508396e-03	-1.447407e-03
## SPAPB1A10.13	3.598314e-04	-5.695506e-04	-9.162028e-04	-6.762222e-04
## SPAPB1A10.14	1.928025e-03	6.825364e-04	7.500109e-04	-2.279305e-03
## SPAPB1A10.15	4.437525e-04	-6.934787e-04	6.949029e-04	-3.498118e-04
## SPAC140.01	-1.700870e-03	-2.711766e-03	2.024043e-03	-9.039626e-03
## SPAC140.03	9.995752e-04	-1.483002e-04	-1.149768e-03	-2.068449e-03
## SPNCRNA.182	8.493287e-06	2.174309e-06	-3.240800e-05	-1.205357e-05
## SPNCRNA.772	2.712389e-04	-2.045639e-04	-3.671126e-04	-6.612808e-06
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	9.702042e-06	-6.618029e-04	-1.355473e-04	1.479867e-04
## SPAC110.01	7.463658e-04	-4.766470e-04	4.460572e-04	-4.277355e-03
## SPAC110.03	5.663191e-03	7.881011e-03	-4.163038e-03	-7.044678e-03
## SPNCRNA.774	2.810380e-06	-2.013913e-04	8.076136e-04	-4.274079e-04
## SPAC3H1.01c	1.718189e-03	-5.775971e-04	-2.730713e-04	-1.037283e-02
## SPAC3H1.02c	1.240340e-03	3.922399e-03	3.093567e-03	-1.131822e-03
## SPAC3H1.04c	1.098735e-04	-8.089664e-04	5.912998e-04	-7.404664e-03
## SPAC3H1.05	-1.828489e-03	1.217247e-03	-2.478067e-03	-6.235927e-03
## SPAC3H1.06c	1.169575e-03	1.101350e-03	4.845097e-03	-6.301792e-03
## SPAC3H1.07	1.268832e-02	-7.711209e-04	3.928111e-02	-2.259254e-03
## SPAC3H1.09c	9.440973e-04	1.541222e-03	-3.474461e-04	-1.983191e-03
## SPNCRNA.777	6.019198e-05	3.423139e-04	-1.426155e-04	4.764450e-05
## SPNCRNA.781	-1.556216e-04	8.927765e-04	5.857633e-04	-2.106568e-04
## SPNCRNA.783	2.342692e-04	-3.449749e-04	4.490186e-04	3.941302e-04
## SPNCRNA.784	1.375404e-04	1.697223e-04	-1.696659e-05	-1.223327e-04
## SPAC3H1.12c	1.358489e-03	-5.820176e-04	2.496631e-03	-1.023385e-03
## SPAC3H1.13	7.800103e-04	-1.895486e-03	-1.118014e-05	-3.599409e-05
## SPNCRNA.530	6.544053e-03	2.745347e-03	1.657773e-02	6.426510e-03
## SPAC9G1.14	3.055400e-04	-3.709592e-05	4.564707e-05	3.161936e-04
## SPAC9G1.02	1.357481e-03	-3.435768e-03	-3.273213e-03	-5.380754e-03
## SPAC9G1.03c	-1.016904e-02	2.750262e-03	1.788168e-02	1.315987e-02
## SPAC9G1.04	1.101652e-03	-7.698672e-05	4.370268e-03	-4.227328e-03
## SPAC9G1.08c	3.349865e-03	1.804350e-03	-1.494364e-03	-2.309059e-03
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	3.973060e-04	1.598840e-03	-5.089213e-04	-2.388270e-04
## SPAC9G1.10c	2.592015e-03	-1.955443e-03	-5.249101e-04	-2.903376e-03
## SPAC9G1.13c	2.465555e-03	1.453331e-03	2.034281e-03	-1.367515e-03
## SPNCRNA.785	6.606436e-04	4.573522e-04	5.416763e-04	-1.633138e-03
## SPAC17H9.02	1.233538e-03	2.426881e-03	-2.924185e-03	-6.637442e-03
## SPAC17H9.03c	-2.100819e-03	7.367943e-04	8.005084e-04	-2.070892e-03
## SPAC17H9.04c	8.214805e-03	-4.982658e-03	-1.455084e-03	-4.750989e-03
## SPNCRNA.787	-5.098665e-05	-5.407195e-05	4.438465e-05	6.539033e-05
## SPAC17H9.09c	2.640159e-04	-2.400437e-03	-1.291846e-03	-8.401377e-04
## SPAC17H9.10c	1.369839e-03	-3.825051e-03	4.464113e-04	-1.485450e-02
## SPAC17H9.12c	-1.720154e-03	-1.171228e-03	1.758676e-04	2.940270e-03
## SPAC17H9.13c	4.853780e-04	1.009768e-03	1.495636e-03	-4.169772e-03
## SPAC17H9.14c	1.242928e-04	1.336464e-03	-1.086603e-02	2.453248e-03
## SPNCRNA.184	-2.651898e-04	3.055983e-05	3.450478e-05	-4.921762e-04
## SPAC17H9.16	5.317541e-03	-2.367643e-03	-7.239259e-03	-9.437913e-03
## SPAC17H9.17c	-2.719466e-04	-2.492339e-04	-8.998239e-04	-6.878145e-04

## SPAC17H9.20	2.568559e-03	2.328192e-03	-2.892858e-04	-3.665706e-03
## SPAC607.03c	2.976904e-03	1.249905e-02	1.996203e-02	1.690791e-04
## SPNCRNA.185	1.441287e-05	8.945978e-05	-3.375966e-05	3.288262e-05
## SPAC607.04	1.178751e-03	2.237689e-03	-7.553503e-04	3.359797e-04
## SPAC607.05	-1.094415e-03	-2.340934e-03	6.898523e-03	5.029544e-03
## SPAC607.06c	4.479959e-05	2.830555e-03	1.332316e-03	-5.658709e-03
## SPAC607.09c	-6.701160e-04	-4.980298e-04	-2.316641e-03	1.091010e-03
## SPAC732.01	1.477381e-03	1.528561e-03	3.078899e-03	-6.050595e-03
## SPAC732.02c	-1.090109e-03	2.007209e-03	-1.093754e-03	-3.650887e-03
## SPAC3C7.02c	1.135409e-03	-6.251513e-04	5.254343e-04	-4.673339e-05
## SPNCRNA.791	-2.644923e-04	2.122995e-04	-9.989253e-06	2.419023e-04
## SPAC3C7.08c	1.573283e-03	-1.337932e-02	-4.726810e-03	-1.882800e-02
## SPAC3C7.09	2.549281e-03	-8.264036e-04	-2.343728e-03	2.741922e-04
## SPNCRNA.793	9.477409e-04	3.674130e-04	8.270769e-04	-3.276767e-04
## SPNCRNA.794	-9.990296e-04	9.997448e-04	-3.026105e-04	-2.355646e-05
## SPAC25A8.03c	-2.049104e-03	8.558328e-04	1.608420e-03	1.462572e-03
## SPAC25A8.02	5.038295e-04	1.911397e-04	-3.388843e-04	-2.481132e-03
## SPAC631.02	-4.144354e-03	3.887715e-03	2.680511e-03	-1.729296e-03
## SPAC20H4.02	-1.391237e-03	2.301091e-03	-5.609417e-05	2.577664e-03
## SPAC20H4.03c	2.976117e-03	-5.664140e-03	-2.306228e-03	1.392055e-03
## SPAC20H4.04	-1.093209e-03	-4.394060e-04	-9.321937e-04	-1.999795e-03
## SPAC20H4.08	3.088008e-04	2.175720e-03	-6.344091e-04	-1.669940e-03
## SPAC20H4.09	1.079151e-03	-5.514654e-04	-1.020694e-03	-1.858805e-03
## SPNCRNA.797	-6.552284e-04	7.784426e-04	-7.677588e-04	1.187984e-03
## SPAC20H4.10	1.546761e-03	-2.657906e-03	-1.097720e-03	-2.291121e-03
## SPAC23C11.01	1.705080e-03	-2.308143e-03	-6.238182e-06	-1.300527e-03
## SPAC23C11.03	6.999268e-03	-2.874718e-03	-6.395568e-03	-9.182542e-03
## SPAC23C11.04c	-7.271798e-04	1.019225e-03	-6.789224e-04	1.489968e-03
## SPAC23C11.05	-1.655530e-02	1.207316e-02	2.582693e-02	2.767165e-02
## SPAC23C11.08	-1.310650e-03	-3.202080e-04	8.645387e-04	-1.488629e-03
## SPNCRNA.799	4.154926e-04	2.436330e-04	-5.359065e-04	-1.748923e-04
## SPAC23C11.09	1.860768e-02	8.612012e-04	-6.312202e-03	-1.226128e-02
## SPAC23C11.10	-1.329195e-04	-5.959848e-05	-2.204114e-04	-6.518874e-04
## SPAC23C11.11	1.444797e-04	-1.742273e-03	-4.840615e-03	-2.085638e-03
## SPNCRNA.800	1.267907e-03	4.464369e-04	-1.566744e-03	9.128753e-04
## SPAC23C11.14	4.356326e-03	2.026121e-03	2.885543e-03	-4.216364e-03
## SPAC23C11.15	4.195399e-04	-1.069215e-03	-3.084797e-04	-3.197180e-03
## SPAC23C11.17	4.749703e-03	2.058959e-04	-7.184051e-03	6.346088e-03
## SPAC13F5.01c	1.349834e-03	-3.770521e-04	2.527872e-03	-2.171783e-03
## SPAC13F5.02c	7.140116e-04	-1.423082e-03	-2.113855e-03	-3.549168e-03
## SPNCRNA.801	-3.417185e-04	-1.574404e-04	-8.065536e-05	9.061026e-05
## SPAC13F5.06c	1.802178e-03	4.843500e-03	3.887906e-03	-6.361316e-03
## SPNCRNA.802	-2.912104e-04	-2.957921e-04	-6.238573e-04	-5.318204e-04
## SPAC13F5.07c	1.503483e-04	-1.089410e-04	-1.315954e-04	-1.031288e-03
## SPAC1783.02c	-2.471522e-03	6.647667e-04	-3.720870e-04	9.493993e-04
## SPAC1783.04c	5.546213e-04	-2.496139e-04	-1.569451e-03	-9.718249e-04
## SPNCRNA.803	-5.970172e-04	2.211831e-05	-7.911680e-05	-8.905687e-05
## SPAC1783.06c	2.995340e-04	-6.132532e-04	-6.881533e-07	4.296207e-04
## SPNCRNA.804	-1.724062e-04	4.949486e-04	-5.212901e-05	-8.916332e-05
## SPAC1783.07c	7.406226e-03	-2.678039e-03	-4.274805e-03	-7.902099e-03
## SPAC1783.08c	-3.352261e-03	1.192759e-02	-4.872343e-03	2.283790e-02
## SPAC1327.01c	3.652545e-03	-1.225726e-03	2.181284e-03	-5.550254e-03
## SPAC18G6.01c	-4.290713e-04	9.465287e-04	4.022565e-04	-2.185211e-03
## SPAC18G6.02c	1.880539e-03	-4.431725e-04	-3.406032e-03	-4.588834e-03

## SPATRNAVAL.03	4.640891e-03	-4.289079e-03	-3.442473e-03	-1.094613e-02
## SPAC18G6.04c	4.411388e-03	-1.378792e-03	-4.635894e-03	7.380730e-03
## SPAC18G6.05c	5.647933e-03	8.351077e-05	-1.308861e-02	-3.998709e-03
## SPAC18G6.06	1.680164e-03	-1.637808e-03	-3.779140e-04	-2.464791e-03
## SPAC18G6.07c	-9.477912e-04	4.511998e-04	-6.229035e-03	-1.199475e-03
## SPAC18G6.09c	3.916832e-03	-1.203978e-03	-3.840752e-03	1.695880e-03
## SPAC18G6.10	1.569915e-03	-2.150894e-05	1.602645e-03	-3.044448e-03
## SPAC18G6.11c	2.843280e-03	2.640176e-03	-1.761880e-03	-1.249302e-02
## SPAC18G6.12c	3.528186e-04	7.591144e-04	1.018318e-03	-1.265533e-03
## SPNCRNA.806	-3.617638e-04	-2.800267e-04	1.232914e-04	-1.586757e-04
## SPAC18G6.13	-1.536956e-04	2.812680e-04	1.132727e-03	-1.485773e-03
## SPAC18G6.14c	-2.011222e-02	4.573707e-03	1.894462e-02	1.771725e-02
## SPAC13D6.02c	-9.374836e-03	-2.850094e-03	7.224536e-03	-1.350976e-04
## SPNCRNA.189	-1.368762e-04	6.227179e-05	2.455653e-04	-7.097261e-04
## SPATRNaGLY.02	2.341570e-03	6.849179e-04	-1.244902e-02	7.978322e-03
## SPAC13D6.04c	-2.922591e-04	1.336222e-03	1.744056e-04	1.898654e-04
## SPAC13D6.05	2.472008e-03	-2.078937e-03	-3.293069e-03	-1.851590e-04
## SPAC4G9.02	1.368122e-03	9.451818e-04	-2.727024e-03	9.427119e-04
## SPAC4G9.07	-1.386210e-04	2.530763e-04	-3.919891e-04	1.407269e-05
## SPAC4G9.08c	-1.580672e-03	1.290278e-03	-5.543482e-04	5.760616e-03
## SPAC4G9.13c	-1.719616e-04	2.210713e-04	1.714753e-03	-3.233004e-03
## SPAC4G9.16c	2.464898e-02	1.667679e-02	-4.608581e-02	1.893846e-03
## SPAC4G9.17c	-1.846508e-03	2.008099e-03	-1.227282e-04	-4.942721e-03
## SPAC4G9.22	-3.554713e-03	9.468639e-04	1.101758e-03	7.611469e-03
## SPNCRNA.811	-1.082266e-04	1.404930e-05	2.448505e-04	-6.262085e-05
## SPNCRNA.190	4.830696e-04	-6.773879e-05	-4.637590e-04	2.051230e-04
## SPAC13G7.07	-2.983723e-04	-1.656766e-04	-2.162461e-04	-1.942492e-03
## SPAC13G7.08c	5.403245e-03	-9.198609e-04	-8.129330e-03	-8.850622e-03
## SPAC13G7.09c	-3.649089e-04	-5.481254e-04	2.999553e-04	-1.501180e-03
## SPAC13G7.11	-8.887590e-04	-1.139714e-03	2.876533e-03	-1.692921e-04
## SPAC6C3.02c	-9.638218e-03	9.308369e-03	1.467947e-02	-4.365734e-05
## SPAC6C3.04	8.379883e-04	1.548491e-03	1.429976e-02	-4.700085e-03
## SPNCRNA.814	-3.385415e-04	-5.235822e-05	-4.045260e-04	-2.997408e-04
## SPAC6C3.06c	3.870021e-03	6.977421e-03	-2.103291e-03	-1.516403e-02
## SPAC6C3.07	-1.931112e-05	-3.884407e-04	-1.029725e-04	-4.073218e-04
## SPAC17G8.01c	2.251686e-03	-4.130838e-03	-4.917814e-04	-8.502193e-03
## SPAC17G8.02	4.377367e-03	5.905383e-04	5.184507e-05	-3.108399e-03
## SPAC17G8.05	-1.011701e-04	-5.053711e-04	2.040714e-04	-1.708876e-03
## SPAC17G8.07	-3.121220e-04	-4.617658e-04	-3.571519e-03	-2.364109e-03
## SPAC17G8.09	6.126977e-04	1.088468e-04	-4.939584e-05	1.151139e-03
## SPAC17G8.10c	4.338820e-05	-8.539084e-05	3.599148e-04	-5.930613e-04
## SPNCRNA.817	5.980210e-05	6.016609e-05	5.644441e-06	-1.066719e-04
## SPAC17G8.12	2.766412e-04	-6.506556e-04	-4.796356e-04	-3.148323e-03
## SPNCRNA.192	-1.517730e-04	6.536519e-05	-1.239780e-04	-1.073983e-05
## SPNCRNA.819	-2.749430e-04	1.557762e-04	-6.885288e-05	-5.632585e-04
## SPAC22H10.03c	6.687756e-03	4.732499e-04	-1.808664e-03	-1.127610e-02
## SPNCRNA.821	2.497716e-04	-8.209034e-05	4.124503e-05	-3.931004e-04
## SPAC22H10.13	4.904761e-03	-9.554309e-04	8.267567e-04	-1.639426e-03
## SPAC22H10.09	3.133996e-03	3.162702e-04	2.209212e-03	-5.581385e-03
## SPAC22H10.10	7.306867e-04	-4.792128e-04	-1.709214e-03	-1.723172e-03
## SPAC15F9.02	6.189140e-03	2.759664e-03	-9.082279e-04	-3.109838e-03
## SPAC15F9.03c	4.813495e-03	3.899152e-03	-1.166862e-04	-1.673225e-04
## SPAC1B9.02c	9.072225e-03	6.530713e-04	-4.804903e-04	-1.213159e-02
## SPAC1B9.03c	2.241259e-03	-2.250424e-03	-2.182691e-03	-3.443462e-03

## SPAC6B12.03c	-1.819675e-03	5.814791e-04	-1.472295e-03	1.902746e-03
## SPAC6B12.18	1.435714e-03	2.635161e-04	-3.270282e-03	7.676867e-04
## SPAC6B12.07c	-7.937694e-03	4.720268e-03	1.005459e-02	-5.614438e-03
## SPAC6B12.08	-8.705961e-04	1.226225e-04	7.337362e-04	-5.243928e-04
## SPAC6B12.13	-7.342807e-04	7.040524e-04	2.703536e-04	-2.609126e-03
## SPNCRNA.195	2.509004e-04	-1.422948e-04	-2.542320e-06	1.141709e-04
## SPAC6B12.15	-2.668753e-02	1.760582e-02	5.634573e-02	4.265419e-02
## SPATRNALYS.03	-1.218162e-03	-9.777404e-04	-1.852172e-03	5.349895e-04
## SPAC32A11.02c	1.168259e-01	1.333421e-02	2.877788e-02	1.738615e-02
## SPNCRNA.828	-4.042730e-05	6.737208e-04	-2.126347e-03	2.924745e-03
## SPNCRNA.829	5.549832e-04	7.250045e-05	1.198133e-04	7.371496e-04
## SPAC19A8.13	1.034260e-04	-2.311984e-03	1.575782e-03	-1.120266e-03
## SPAC19A8.12	5.495558e-04	-1.188434e-03	7.407049e-04	-2.886177e-04
## SPAC19A8.11c	5.020585e-04	-1.634930e-03	1.399231e-03	-1.593401e-03
## SPAC19A8.10	2.290252e-03	-1.978335e-03	-1.635740e-05	-1.532962e-04
## SPAC19A8.09	-6.997829e-04	-1.016240e-03	5.120915e-04	6.551693e-05
## SPAC19A8.08	3.407987e-03	1.593556e-03	-1.642443e-03	-8.434004e-03
## SPNCRNA.286	-1.037948e-04	1.940709e-05	3.876094e-05	-4.078055e-06
## SPAC19A8.07c	2.591193e-03	1.702000e-03	-1.668282e-04	-1.142903e-02
## SPAC19A8.05c	1.959398e-03	-1.864060e-03	-6.146473e-04	-8.404201e-04
## SPAC19A8.04	-4.066770e-03	-4.175061e-03	5.891928e-03	9.456120e-03
## SPAC19A8.03	4.554624e-03	9.761215e-04	3.707484e-04	-2.752370e-03
## SPAC19A8.02	1.239436e-02	1.692818e-03	-3.369510e-03	-1.001734e-02
## SPAC19A8.01c	1.293732e-03	1.924313e-04	1.590805e-03	-6.047861e-03
## SPAC23H3.04	1.913584e-04	-9.299959e-04	4.544317e-04	-6.749097e-04
## SPAC23H3.05c	2.152198e-03	-4.960969e-04	2.374904e-03	-6.452612e-04
## SPAC23H3.06	3.164752e-03	-1.042885e-03	-4.931048e-03	-1.321787e-03
## SPAC23H3.08c	4.412414e-04	-9.976766e-05	1.128457e-03	-7.375033e-04
## SPAC23H3.13c	4.386566e-03	-1.607407e-03	-1.616927e-03	-2.198114e-03
## SPNCRNA.197	-8.187361e-05	1.562399e-05	2.060543e-05	-4.356607e-05
## SPNCRNA.831	-5.687143e-05	3.142874e-05	-2.611649e-05	2.865527e-05
## SPAC23H3.15c	-5.059591e-02	7.972608e-02	-5.621821e-02	-3.974017e-02
## SPNCRNA.833	-1.735524e-03	-4.626534e-05	3.854514e-06	7.804480e-05
## SPAC25H1.04	-2.487357e-03	1.371625e-03	3.126495e-05	4.692009e-03
## SPAC25H1.05	-3.071002e-03	1.889519e-04	-1.719702e-03	-1.641339e-03
## SPAC25H1.06	1.487764e-03	6.148459e-04	1.000958e-03	-5.606101e-03
## SPAC25H1.07	2.789284e-03	6.140519e-03	-5.906624e-03	-9.094581e-03
## SPAC25H1.08c	2.598758e-03	-1.421586e-03	-4.210666e-03	-5.619672e-03
## SPAC4A8.04	4.486004e-03	-8.320437e-03	4.055284e-03	-5.762535e-03
## SPAC4A8.05c	2.085355e-03	-1.111072e-03	-1.006217e-02	-1.410484e-02
## SPNCRNA.836	-1.193707e-03	-4.258195e-04	-7.894283e-04	1.601827e-04
## SPNCRNA.837	-5.841524e-04	-2.231565e-04	-2.002270e-03	-8.504231e-04
## SPAC4A8.07c	2.287025e-03	1.620141e-03	-1.088675e-03	-1.553706e-02
## SPAC4A8.08c	2.309809e-03	8.209295e-04	1.939343e-04	-3.709225e-03
## SPNCRNA.838	-2.941907e-04	6.743016e-04	1.982258e-04	-4.245823e-04
## SPSNRNA.06	1.643867e-02	-3.376724e-02	3.627316e-02	4.010854e-02
## SPAC4A8.10	-2.307316e-03	1.797707e-03	-6.742809e-03	1.040316e-03
## SPNCRNA.839	9.501523e-04	-2.230224e-05	-2.218496e-04	1.913433e-04
## SPAC4A8.12c	-8.084682e-04	-1.468488e-04	6.136161e-04	6.710913e-04
## SPAC4A8.14	4.589701e-03	5.681807e-03	-2.400067e-03	-1.525603e-02
## SPATRNAILE.02	3.807887e-03	7.607169e-03	-1.303656e-02	-1.544526e-02
## SPAC823.03	1.006426e-02	2.997923e-03	-3.340329e-04	-3.319423e-03
## SPAC823.07	-6.451490e-04	3.270823e-04	3.209569e-04	2.712668e-03
## SPNCRNA.199	8.525484e-05	2.033589e-04	-5.624687e-05	-1.675724e-04

## SPAC823.11	-3.427146e-03	2.825331e-03	-2.448726e-03	-8.410535e-03
## SPAC823.12	-3.523536e-04	-2.048121e-03	3.119820e-03	-2.535461e-03
## SPAC823.13c	1.293152e-03	-3.831075e-04	-3.580806e-03	-2.565227e-03
## SPAC823.14	1.593529e-03	2.252334e-04	1.149552e-03	7.819244e-03
## SPNCRNA.841	-9.045812e-04	6.881722e-04	9.773635e-05	-3.304729e-04
## SPAC823.16c	-1.888192e-03	2.343658e-04	5.836193e-04	-1.006137e-03
## SPAC7D4.14c	-4.746467e-04	-3.938253e-04	-2.333274e-03	1.370832e-03
## SPAC7D4.11c	-1.502917e-04	-1.580952e-03	-2.550101e-03	-4.928701e-03
## SPAC7D4.09c	4.157097e-04	5.343260e-04	-1.457003e-05	-7.916537e-04
## SPAC7D4.08	-4.702199e-04	7.607238e-06	-1.047907e-03	6.052035e-04
## SPAC7D4.06c	3.236469e-03	1.885499e-03	5.885785e-04	-7.367764e-04
## SPAC7D4.04	4.303472e-03	1.594772e-03	1.653805e-03	-6.535433e-03
## SPAC7D4.03c	5.539452e-03	1.541339e-03	-1.920467e-03	-5.237185e-03
## SPAC4F8.15	4.270062e-03	1.647300e-03	-1.232056e-03	-7.667263e-03
## SPAC4F8.14c	1.949376e-03	1.207303e-03	2.739107e-03	9.025420e-03
## SPNCRNA.843	-3.547392e-04	3.694579e-05	-2.144063e-04	-1.487915e-04
## SPAC4F8.12c	-3.698747e-03	-3.678414e-03	1.059004e-03	-1.161074e-02
## SPNCRNA.326	5.380042e-05	-4.145278e-06	7.010821e-05	6.051323e-05
## SPAC4F8.10c	-3.665674e-03	6.497635e-06	2.516374e-03	-1.297943e-03
## SPNCRNA.200	-1.895970e-06	6.486657e-05	-1.147638e-04	8.010018e-05
## SPAC4F8.07c	6.288141e-02	-1.282623e-02	-9.105376e-03	2.591433e-02
## SPAC4F8.03	-1.855734e-03	5.169869e-04	-2.181802e-04	2.349926e-03
## SPAC4F8.02c	-3.521101e-04	1.345271e-03	-7.013731e-04	-2.689938e-03
## SPAC4F8.01	9.789589e-04	-9.027884e-04	3.976191e-05	1.783540e-03
## SPAC644.04	-1.511394e-03	-1.227335e-03	2.238829e-03	-5.748661e-03
## SPAC644.05c	-1.449146e-03	1.431607e-03	-2.696870e-03	1.520892e-04
## SPAC644.08	6.609314e-04	-8.759613e-04	-1.009571e-03	-1.850571e-03
## SPAC644.11c	3.556020e-03	-2.916889e-03	6.932551e-04	1.133170e-03
## SPNCRNA.202	-3.383048e-06	1.299532e-05	-1.951758e-05	6.405997e-05
## SPAC644.14c	-1.343862e-04	8.923733e-04	-2.049137e-03	8.188625e-04
## SPAC644.15	2.149689e-02	-3.144764e-02	-1.362426e-02	-2.565338e-02
## SPAC644.16	-3.320634e-03	7.964969e-04	-1.100560e-03	-1.908311e-03
## SPNCRNA.845	1.790301e-04	1.681688e-05	4.713675e-05	4.914982e-04
## SPAPB2B4.02	-6.167457e-04	-2.405032e-03	-5.278247e-04	-8.468911e-04
## SPAPB2B4.03	1.067426e-02	-3.267137e-03	-2.641445e-03	-8.458957e-03
## SPAPB2B4.04c	1.035879e-02	-4.072555e-03	8.734902e-03	-3.309203e-03
## SPAC6F6.02c	2.081699e-04	-5.557248e-04	-1.243122e-04	-1.296352e-03
## SPAC6F6.03c	1.366491e-02	-8.699822e-03	-1.376653e-02	-1.141172e-02
## SPAC6F6.04c	-4.322300e-04	4.846879e-04	-2.556143e-03	-1.588267e-03
## SPNCRNA.848	-3.507039e-05	-1.611460e-04	-9.247911e-05	-3.687649e-04
## SPAC6F6.08c	-1.389262e-03	-4.888120e-04	2.244542e-04	-3.126660e-04
## SPAC6F6.09	-3.080776e-04	8.036171e-04	6.574886e-05	-1.135144e-03
## SPAC6F6.10c	1.884901e-03	-3.013235e-03	8.189123e-04	7.343882e-03
## SPAC6F6.11c	-1.501779e-04	4.198701e-04	5.722102e-04	-9.815924e-05
## SPNCRNA.849	-4.166540e-04	-1.926056e-04	6.509890e-04	-1.131642e-03
## SPAC6F6.13c	4.027710e-03	-2.243914e-03	-5.184590e-03	-7.458997e-03
## SPAC6F6.17	8.436705e-04	-2.301747e-03	-7.711538e-03	-6.332245e-03
## SPNCRNA.852	-1.640292e-06	-1.117750e-05	-2.985832e-04	3.281752e-04
## SPAC1805.03c	1.113676e-04	7.235989e-05	2.153745e-04	-9.420156e-04
## SPAC1805.04	2.470390e-03	1.497117e-03	-6.268063e-03	-1.942148e-03
## SPAC1805.05	1.482100e-02	-3.171062e-03	-5.775342e-03	-8.202247e-03
## SPSNORNA.52	-1.229612e-03	-1.814516e-03	3.744345e-03	-1.939260e-03
## SPAC1805.11c	2.081753e-03	-1.019405e-02	1.735561e-02	1.967619e-02
## SPAC1805.14	7.936610e-04	-3.114796e-03	1.445273e-03	-2.339719e-03

## SPAC1805.15c	3.339169e-04	-1.016282e-03	-6.347102e-05	-8.668126e-04
## SPAC1805.16c	1.815291e-03	9.631643e-04	-2.269213e-04	-3.714611e-03
## SPNCRNA.208	-6.766230e-06	-1.538868e-05	-2.716103e-05	-2.890494e-05
## SPAC1805.17	-1.496926e-03	-3.757642e-03	2.132443e-03	-4.991389e-03
## SPAC1B2.06	4.525435e-04	5.564132e-05	-5.213634e-04	-1.091866e-03
## SPAC3F10.02c	3.506406e-03	4.763174e-05	-5.049178e-03	-5.655250e-03
## SPAC3F10.05c	1.467990e-03	2.522260e-03	-1.343247e-03	-5.576626e-03
## SPAC3F10.07c	1.979737e-04	-1.237667e-04	-4.096747e-04	-7.261093e-04
## SPAC3F10.19	-6.026436e-05	-4.176376e-04	-6.504809e-04	-1.335459e-03
## SPAC3F10.08c	-3.227219e-04	6.786560e-04	-8.871036e-04	-8.164885e-04
## SPAC3F10.10c	6.876077e-04	-2.895513e-04	-4.471506e-04	4.273732e-04
## SPAC3F10.12c	-3.817125e-04	2.063493e-03	-1.837563e-03	-4.164916e-03
## SPAC8F11.02c	6.537714e-04	-1.079268e-03	3.801822e-04	-1.392094e-03
## SPAC8F11.05c	-9.505351e-05	-3.764191e-05	-2.959007e-04	3.724920e-04
## SPAC8F11.06	2.076285e-03	-1.125035e-03	-8.117619e-04	-1.943047e-03
## SPAC8F11.07c	9.504028e-04	-1.295085e-04	-1.567708e-04	-2.443372e-03
## SPAC8F11.10c	4.281405e-03	1.682731e-03	-4.772423e-03	-1.308109e-02
## SPACUNK4.13c	1.125765e-03	-1.722579e-04	-1.022098e-03	-5.737402e-04
## SPACUNK4.10	1.201057e-03	-3.864932e-03	3.122466e-03	7.013225e-03
## SPNCRNA.858	-1.400430e-04	-2.128652e-04	-3.575456e-04	-2.395176e-04
## SPACUNK4.07c	1.059562e-02	1.063601e-02	6.309971e-04	4.299924e-03
## SPACUNK4.06c	3.819009e-03	5.285404e-03	8.539440e-04	-6.713088e-03
## SPAC513.01c	-9.070111e-03	9.534990e-03	9.183408e-03	1.592716e-02
## SPAC513.02	3.981913e-03	-1.648925e-03	1.809458e-04	2.670953e-03
## SPAC513.03	-1.989637e-03	4.052651e-05	7.688676e-04	-2.533564e-03
## SPAC513.05	5.998004e-03	-2.064367e-03	-1.992304e-03	8.154052e-04
## SPAC2E1P3.01	2.008797e-03	-3.892322e-03	4.611690e-04	-6.654818e-03
## SPNCRNA.859	1.335913e-04	-1.831972e-04	4.969691e-04	-5.778779e-04
## SPAC2E1P3.04	2.365571e-03	3.143082e-03	-4.529018e-03	6.414867e-04
## SPAPB2C8.01	1.887280e-03	-2.020201e-03	-6.537894e-03	7.850200e-03
## SPNCRNA.864	-8.204659e-05	6.057962e-04	3.652866e-05	-9.426490e-04
## SPAPB24D3.05c	2.362739e-04	2.655807e-04	-6.754388e-05	-5.419572e-04
## SPAPB24D3.06c	-2.840425e-03	1.221646e-03	2.342942e-03	-1.583252e-03
## SPNCRNA.865	-1.638919e-04	-6.786869e-04	-2.456052e-04	-6.218233e-04
## SPAPB24D3.08c	2.763766e-03	2.198883e-03	4.162682e-05	-8.806100e-03
## SPNCRNA.866	2.483369e-03	1.430463e-04	-1.341996e-03	-2.196157e-03
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-1.270604e-04	1.437406e-05	4.931770e-05	-3.907228e-04
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	1.210740e-03	1.038993e-04	5.199588e-04	-7.367625e-04
## SPAPB1A11.03	3.073850e-03	3.909662e-04	3.685869e-03	-3.839181e-03
## SPAC31G5.01	5.882932e-04	1.900428e-03	2.241464e-03	5.937751e-04
## SPAC31G5.03	-1.640747e-02	-7.931417e-03	2.302061e-02	2.414224e-02
## SPAC31G5.05c	-2.012170e-03	3.946356e-03	7.852703e-03	-5.342148e-04
## SPAC31G5.07	-8.099989e-06	-1.207972e-04	-8.427143e-04	-3.934252e-04
## SPAC31G5.09c	4.216662e-04	-3.490361e-04	4.735554e-04	3.174105e-04
## SPNCRNA.872	1.396285e-04	-3.801973e-04	7.517279e-06	-1.403849e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-2.372244e-04	4.781819e-04	-2.309516e-04	2.589074e-04
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	3.517638e-05	4.779321e-05	5.085783e-04	-4.074481e-05
## SPAC31G5.12c	-2.675566e-03	-5.247828e-04	-1.667279e-03	2.491713e-03
## SPAC31G5.13	1.179238e-02	-2.881187e-03	-4.302427e-03	-7.933777e-04
## SPNCRNA.875	4.338047e-04	3.702019e-05	-1.049094e-05	4.181800e-04

## SPAC31G5.15	-8.613262e-04	3.565155e-04	2.891964e-03	-2.191093e-03
## SPAC31G5.17c	3.475685e-03	2.873569e-03	6.745823e-03	3.477003e-03
## SPAC1786.01c	5.085783e-03	2.383928e-03	2.577074e-03	-9.116919e-03
## SPAC1786.04	2.553293e-05	5.693116e-05	7.233996e-06	-9.075849e-05
## SPNCRNA.878	-7.914063e-05	-1.897561e-04	-1.529745e-04	1.390884e-04
## SPAC24C9.03	-1.144299e-03	1.009753e-03	8.730438e-04	4.622867e-03
## SPAC24C9.16c	-2.382271e-04	-1.017190e-03	2.587962e-04	-1.760642e-03
## SPATRNASER.02	2.829834e-03	-1.893340e-03	1.187759e-03	2.196485e-03
## SPAC24C9.06c	2.475766e-02	-1.091015e-02	-4.782317e-03	1.352184e-02
## SPNCRNA.879	-1.551661e-04	-1.339804e-04	3.507795e-04	-4.823268e-04
## SPNCRNA.880	6.510280e-05	1.003308e-04	1.595900e-04	-2.745460e-04
## SPNCRNA.212	1.188122e-04	2.681442e-05	-3.982532e-05	9.791169e-05
## SPAC24C9.09	7.633285e-04	-2.525867e-03	1.593635e-04	-4.594577e-03
## SPAC24C9.13c	-3.255457e-04	-3.982574e-04	5.432251e-04	1.931961e-03
## SPAC24C9.14	-1.541530e-03	-1.962848e-03	5.302707e-04	-3.214579e-03
## SPNCRNA.883	-2.863101e-04	2.257256e-04	-2.486861e-04	2.505306e-04
## SPAC24C9.15c	-6.994270e-05	-3.240481e-04	4.216573e-04	-6.479247e-04
## SPAC16A10.01	-2.379447e-03	2.182656e-03	4.785436e-03	-1.900253e-03
## SPAC16A10.03c	-2.999635e-03	2.045053e-03	-1.440319e-03	-2.350974e-05
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	8.896810e-05	9.007012e-05	5.527215e-05	-8.560497e-05
## SPAC16A10.04	-2.938623e-03	-5.703408e-04	-1.887843e-03	-1.580475e-03
## SPAC589.02c	-7.115877e-04	-2.989396e-04	-2.534461e-03	1.915974e-03
## SPNCRNA.886	1.283975e-03	-3.004399e-04	3.139566e-04	-2.145751e-05
## SPAC589.04	1.851868e-04	3.556572e-04	-2.947011e-04	-2.287925e-03
## SPAC589.05c	8.667220e-05	7.665484e-04	-1.716164e-03	-1.822867e-03
## SPAC589.07c	-1.370385e-04	-6.912378e-04	5.736744e-04	-7.483585e-04
## SPNCRNA.560	-1.269331e-04	1.666740e-04	-3.240600e-04	-6.842837e-04
## SPAC589.09	-2.644439e-03	1.487882e-03	-3.531729e-03	-6.126172e-03
## SPAC589.10c	-1.603174e-02	6.893727e-03	1.495256e-03	1.388927e-02
## SPAC589.12	7.374067e-03	3.799574e-03	-1.122060e-02	-1.461516e-02
## SPAC688.03c	-2.292205e-04	-4.228146e-04	5.350033e-04	-7.585019e-04
## SPAC688.04c	2.530578e-03	4.438122e-05	-1.139099e-03	-1.684224e-03
## SPNCRNA.887	-1.011246e-03	-7.070557e-05	-1.406956e-04	-5.388857e-04
## SPAC688.10	-6.199858e-04	-6.878073e-04	-8.950266e-05	-4.379957e-03
## SPAC688.11	-2.353372e-03	4.997685e-04	5.934073e-03	-3.386769e-03
## SPAC688.12c	3.682858e-04	2.145856e-03	1.232446e-03	1.062428e-03
## SPAC3G9.16c	2.452962e-04	2.159190e-05	1.395564e-04	-5.867144e-04
## SPAC3G9.14	1.562058e-03	-5.707422e-03	-8.193794e-04	-5.188962e-03
## SPAC3G9.12	3.186471e-03	-1.268329e-03	7.338956e-04	-7.755233e-03
## SPATRNAALA.03	-8.202960e-04	-3.233783e-04	-1.171689e-03	-4.082263e-03
## SPAC3G9.10c	4.314551e-04	-2.464490e-03	-7.042962e-04	-3.471973e-03
## SPRRNA.14	2.037112e-02	-1.046818e-02	-1.941056e-02	3.455253e-02
## SPAC3G9.08	1.040876e-04	-4.553184e-04	9.209259e-04	-2.247068e-04
## SPAC3G9.05	-1.643617e-04	-2.407733e-03	-1.026127e-03	-5.179187e-03
## SPAC3G9.04	1.700141e-03	-9.405685e-04	-4.768095e-04	-2.389363e-03
## SPNCRNA.893	6.794468e-02	4.277496e-03	1.860327e-02	3.191624e-02
## SPNCRNA.87	-6.036981e-05	2.073154e-04	-5.915105e-05	9.367466e-05
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	3.781242e-04	-1.237109e-03	5.556425e-04	7.537956e-05
## SPAC1486.02c	2.908111e-03	-1.041539e-03	-5.873440e-04	-2.064810e-04
## SPAC1486.03c	-8.394523e-04	-1.476639e-03	2.032651e-04	-1.232095e-03
## SPNCRNA.14	2.264258e-05	-1.027367e-04	-3.389107e-04	7.943011e-05
## SPAC1486.04c	1.318454e-03	-4.286262e-03	-9.489316e-03	-1.029989e-02

## SPAC1486.06	3.706218e-03	1.275109e-03	1.647987e-03	-3.157520e-03
## SPNCRNA.895	2.511643e-04	5.043636e-05	7.097341e-05	3.086037e-05
## SPAC1486.09	3.015464e-03	-3.039419e-03	-3.874907e-03	-4.316026e-03
## SPAC6G10.06	1.168368e-04	-2.380394e-05	2.536262e-05	5.748916e-06
## SPAC6G10.11c	-3.240680e-03	2.477207e-02	-4.864352e-02	6.638464e-02
## SPAC6G10.12c	-1.737567e-03	6.287457e-04	-1.624789e-03	-4.154035e-03
## SPNCRNA.897	1.444048e-04	3.161634e-04	-2.887148e-04	-3.517521e-04
## SPAC6G9.01c	9.046512e-04	-2.644648e-04	4.905944e-04	-2.828234e-03
## SPAC6G9.04	1.710178e-03	1.155042e-04	-1.263733e-03	-9.756018e-04
## SPAC6G9.05	8.083016e-04	9.364459e-04	-4.089791e-04	-2.619044e-03
## SPAC6G9.06c	5.995646e-03	-1.441942e-03	-1.864505e-03	-1.975167e-03
## SPNCRNA.898	-9.549561e-05	4.837907e-04	-1.170897e-04	-3.339968e-04
## SPAC6G9.07c	-3.124088e-03	3.431979e-03	-6.365514e-04	-5.016995e-03
## SPAC6G9.08	3.497998e-04	-1.057576e-03	-8.240945e-03	-4.812209e-03
## SPAC6G9.10c	3.207093e-03	3.751306e-03	-1.342919e-02	3.029664e-03
## SPAC6G9.11	-4.182547e-03	7.458147e-06	-7.684825e-03	8.117589e-04
## SPAC6G9.13c	-1.420201e-05	3.594196e-04	2.055311e-05	2.098736e-04
## SPAC6G9.14	-1.045502e-03	-4.843972e-04	-5.983634e-04	2.106022e-03
## SPAC6G9.16c	5.753500e-04	1.810017e-04	-5.921176e-04	-9.623742e-04
## SPAPB1E7.02c	-7.200060e-04	1.516292e-03	1.373734e-03	-1.588137e-03
## SPAPB1E7.05	2.454556e-03	-3.264155e-04	-2.569842e-03	-1.379189e-02
## SPAPB1E7.08c	-2.655931e-03	9.322022e-04	-3.517730e-03	-3.838363e-03
## SPAPB1E7.09	2.512052e-03	-3.391344e-04	-2.246927e-03	-3.305047e-04
## SPAPB1E7.11c	4.265158e-05	-2.100049e-04	1.235308e-03	-3.943737e-03
## SPAPB1E7.12	1.679574e-02	6.560356e-03	-9.401332e-04	-1.593003e-02
## SPAPB1E7.14	2.333593e-03	-5.407413e-05	-3.144701e-03	3.744366e-04
## SPAC2E1P5.02c	-1.999866e-04	8.733523e-04	-6.117533e-04	-1.427036e-03
## SPAC2E1P5.04c	-8.456938e-04	-6.844345e-04	1.347235e-03	-5.500233e-04
## SPAC26A3.01	2.808811e-02	-2.573182e-03	-1.145144e-02	-3.594443e-02
## SPAC26A3.03c	-1.849927e-03	5.039931e-04	-2.930183e-04	-6.250522e-04
## SPAC26A3.04	2.848859e-02	-9.029069e-03	1.138748e-02	-3.895054e-02
## SPAC26A3.06	1.982486e-04	-3.002010e-04	2.211493e-03	-4.001805e-03
## SPAC26A3.07c	-1.063305e-02	1.066199e-02	9.258634e-03	1.693777e-02
## SPAC26A3.12c	1.498925e-03	-5.279336e-03	-6.283463e-03	-6.669076e-03
## SPAC26A3.11	3.488638e-03	1.963983e-04	-2.847274e-03	1.250624e-03
## SPAC26A3.14c	-1.909525e-03	-6.478222e-04	3.891124e-04	7.720475e-05
## SPAC26A3.16	7.535912e-03	-6.913246e-04	-1.857210e-03	-6.667407e-03
## SPAC26A3.17c	4.878064e-04	7.922611e-04	-2.673176e-03	4.526300e-04
## SPNCRNA.902	7.431409e-04	-3.156430e-04	-2.445977e-04	-1.485241e-04
## SPAC8E11.10	1.510789e-04	4.062625e-03	-8.367162e-04	-5.777219e-03
## SPAC8E11.07c	-3.062747e-04	-5.350159e-04	-6.287447e-04	-1.850240e-03
## SPAC8E11.05c	2.289426e-05	2.940004e-03	-8.950497e-04	-1.116710e-02
## SPNCRNA.905	-6.715329e-05	-4.858066e-04	-2.459799e-04	-6.768067e-04
## SPAC8E11.01c	-1.939202e-04	1.318442e-03	5.062746e-04	-9.486854e-04
## SPAC959.04c	1.809143e-03	1.379985e-03	1.393565e-03	3.079275e-04
## SPAC959.10	8.431413e-04	3.428379e-04	1.654836e-04	-3.997638e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	8.257267e-05	-3.191786e-04	-1.777043e-04	-1.516074e-03
## SPAC959.08	-9.864132e-03	3.012428e-02	1.605803e-02	-3.388541e-02
## SPNCRNA.907	2.926584e-04	-1.177676e-03	-1.235150e-03	2.889217e-04
## SPAC3H5.12c	1.882062e-02	1.760716e-02	-1.286826e-02	-6.149459e-02
## SPAC3H5.11	3.491640e-03	-1.231064e-03	6.245022e-04	8.774726e-04
## SPAC3H5.13	7.243991e-04	6.621662e-04	-5.058223e-04	-2.135467e-04
## SPAC3H5.09c	1.273102e-02	-4.607887e-03	-2.211812e-03	-1.902323e-02

## SPAC3H5.07	8.173579e-03	2.313921e-02	-1.055205e-02	-1.386145e-02
## SPAC3H5.04	-9.775254e-04	1.745339e-04	7.404021e-04	3.759369e-04
## SPAC3H5.05c	1.032722e-02	-4.606913e-04	4.551223e-03	-2.000843e-02
## SPAC3A11.14c	1.252046e-03	-4.421889e-06	-2.166449e-04	-4.657953e-03
## SPNCRNA.561	-1.591597e-04	-1.503621e-04	-4.433647e-04	3.224173e-04
## SPATRNAARG.01	4.082199e-03	-9.286239e-03	-2.371685e-03	1.216616e-03
## SPNCRNA.908	6.471980e-04	1.897378e-04	9.580371e-05	1.370493e-05
## SPAC3A11.11c	4.494915e-04	6.031634e-04	-1.537196e-03	-3.043135e-03
## SPAC3A11.08	5.785545e-03	-2.475178e-03	-2.950157e-03	-2.469598e-03
## SPAC3A11.07	4.066301e-03	-3.032338e-03	-1.314727e-04	3.086845e-03
## SPAC3A11.06	1.759948e-03	9.721024e-04	8.427354e-04	-3.775397e-03
## SPAC328.01c	5.652843e-03	2.024442e-03	-2.830005e-03	-1.052991e-02
## SPAC328.02	6.147331e-04	-5.905720e-04	-1.451653e-03	-2.550358e-03
## SPNCRNA.911	-5.196924e-04	-2.258418e-04	-6.827371e-04	-2.062462e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	2.421277e-02	-3.766654e-03	-6.010898e-03	-3.610040e-03
## SPAC328.07c	5.085191e-04	1.211033e-03	6.199804e-03	-3.394925e-03
## SPAC328.09	-6.403879e-04	5.253099e-04	1.018897e-03	4.230316e-03
## SPNCRNA.912	-6.013582e-06	2.353463e-05	-2.651296e-06	-1.490976e-05
## SPNCRNA.913	3.109185e-05	-5.400563e-05	2.377551e-04	-1.564386e-04
## SPAC16E8.01	3.922633e-03	-2.194271e-03	-3.667336e-03	-3.184401e-03
## SPAC16E8.04c	-1.093073e-03	2.498795e-03	-2.384833e-04	-4.454413e-03
## SPNCRNA.914	8.506293e-04	-3.692937e-04	-9.512657e-05	-1.171030e-03
## SPNCRNA.562	-1.087001e-04	1.099603e-04	2.143332e-06	6.001726e-05
## SPAC16E8.08	-2.509828e-04	-5.755919e-04	-1.280188e-03	1.647187e-04
## SPAC16E8.10c	7.172192e-04	-5.504770e-04	-4.958842e-04	-1.948224e-03
## SPAC16E8.11c	1.855958e-05	-1.388319e-03	3.687188e-04	-4.025240e-03
## SPAC16E8.18	-5.842945e-04	3.689708e-04	2.117491e-03	-1.152593e-03
## SPAC16E8.12c	2.596370e-03	-1.417054e-03	-4.260169e-04	-1.602562e-03
## SPAC16E8.14c	-1.112094e-03	1.576291e-03	1.269079e-03	-1.323430e-03
## SPAC16E8.16	3.418706e-04	2.730185e-03	-2.155465e-03	-1.291778e-03
## SPAC16E8.17c	6.531883e-03	-1.955397e-03	9.946511e-04	-1.420624e-03
## SPAC1B1.02c	-2.561567e-04	5.743596e-04	-1.528289e-03	-3.510789e-03
## SPAC1B1.03c	7.591380e-05	6.665275e-04	-1.488199e-02	-1.382370e-02
## SPAC1B1.04c	-2.468165e-04	-8.760869e-04	1.868506e-05	-3.314551e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-5.624136e-04	1.321637e-04	-7.747514e-05	-4.575478e-05
## SPAC17A2.03c	-6.362315e-04	4.440250e-03	3.291378e-03	-2.074294e-03
## SPNCRNA.917	6.010007e-06	1.861275e-05	-6.587463e-06	1.153358e-05
## SPNCRNA.918	-1.283063e-04	1.076717e-05	-2.963079e-05	-1.088745e-04
## SPAC17A2.12	1.226906e-03	3.368886e-04	-4.063640e-04	-3.912740e-03
## SPAC17A2.13c	-8.097760e-04	3.074532e-04	3.818970e-04	2.172043e-03
## SPNCRNA.919	3.372255e-04	-1.520827e-04	-1.778112e-05	-1.295905e-04
## SPAC17A2.14	5.148053e-03	-3.627017e-03	-1.030878e-03	-5.752944e-03
## SPNCRNA.600	2.251989e-04	-1.090411e-04	2.797277e-04	-2.572012e-05
## SPAC17G6.07c	1.437643e-03	-2.309751e-03	-2.293909e-04	-2.125081e-03
## SPAC17G6.09	2.631686e-03	-7.201696e-04	1.078562e-03	-1.276901e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	1.961164e-03	-2.908353e-04	-1.353730e-03	1.127132e-03
## SPNCRNA.922	1.534666e-04	2.840643e-04	2.113912e-05	-3.324157e-05
## SPAC1142.03c	-1.807499e-03	-5.581095e-05	1.511575e-03	-1.228272e-03
## SPRRNA.16	-6.863757e-04	-1.458041e-04	1.330677e-04	2.314109e-03
## SPNCRNA.924	-4.041226e-05	-1.116738e-05	1.414928e-05	-2.812915e-05
## SPAC8C9.03	1.413619e-02	1.339644e-04	4.878300e-03	-5.235959e-04

## SPAC8C9.05	6.007846e-04	1.158673e-04	-6.626530e-04	4.844264e-05
## SPAC8C9.06c	1.250847e-03	1.296405e-03	-1.285819e-04	-2.434495e-03
## SPAC8C9.10c	2.627229e-03	-1.011296e-03	-5.496763e-03	-1.354403e-03
## SPAC8C9.16c	2.238673e-03	-1.249681e-04	2.615273e-04	1.740869e-04
## SPAC15A10.01	1.473213e-03	-2.574735e-03	-4.634599e-04	5.514703e-04
## SPAC8C9.17c	2.134348e-03	-9.139776e-04	-2.766061e-03	-3.687541e-03
## SPAC15A10.02	-1.652558e-03	-2.544770e-03	3.012832e-03	5.013766e-04
## SPAC15A10.03c	9.930967e-04	2.366691e-06	-2.181933e-03	-2.266492e-03
## SPAC15A10.04c	9.846686e-03	-4.796610e-03	2.202079e-03	-1.101552e-02
## SPAC15A10.05c	8.067362e-04	-9.547406e-04	-1.251718e-03	-1.011851e-03
## SPAC15A10.07	5.428390e-04	4.751852e-04	1.904821e-03	8.156385e-04
## SPAC15A10.10	1.987995e-03	-2.512602e-03	-1.165429e-03	-9.256995e-04
## SPATRNPAPHE.01	-9.814941e-03	4.286859e-03	1.605380e-03	-1.485588e-03
## SPATRNAVAL.04	6.865334e-03	-5.903532e-03	5.590826e-03	-7.402536e-03
## SPNCRNA.929	-3.238301e-04	4.042363e-05	-1.348750e-04	-2.020914e-05
## SPAC15A10.15	1.498314e-03	8.078736e-04	5.671788e-05	-6.188112e-03
## SPAC15A10.16	5.218035e-03	-3.928232e-03	1.118110e-03	-8.926180e-03
## SPAC15E1.02c	1.371891e-03	-4.366640e-03	3.945861e-03	5.165058e-03
## SPAC15E1.04	1.594067e-03	-2.315823e-03	-1.173668e-03	1.316741e-03
## SPAC15E1.06	2.052894e-03	-5.016445e-04	-1.240186e-03	-2.225350e-03
## SPAC15E1.07c	-4.737346e-05	-8.664447e-05	-3.005067e-05	4.982239e-05
## SPAC15E1.08	-2.523414e-03	5.073343e-03	2.096329e-03	-5.025934e-03
## SPNCRNA.931	6.230357e-06	-1.778487e-04	-3.130558e-04	-7.285987e-05
## SPNCRNA.524	-2.146491e-06	-9.302797e-08	-1.618554e-05	4.266491e-05
## SPAP7G5.03	1.138507e-03	-1.480750e-04	-7.634547e-04	-3.858075e-03
## SPAP7G5.04c	-1.345072e-02	4.209269e-03	-1.957278e-02	1.949958e-02
## SPNCRNA.933	1.439512e-04	1.662832e-04	-2.207415e-05	1.782839e-04
## SPAP7G5.06	2.572996e-03	-4.356906e-03	4.533849e-03	-1.429286e-02
## SPATRNPAPHE.02	-3.416880e-02	-7.691556e-02	8.470320e-02	-7.400051e-02
## SPATRNAALA.04	-3.525496e-04	1.320579e-04	5.449433e-04	-8.809165e-05
## SPATRNPAGLU.03	-1.345519e-03	6.645208e-04	-4.188511e-03	1.504769e-03
## SPATRNPAIL.04	-2.275999e-05	2.218643e-04	-8.726676e-05	2.632621e-05
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-2.590446e-05	-1.035099e-05	-5.616026e-05	3.320290e-05
## SPAP4C9.02	-2.598302e-05	-2.165530e-04	2.115802e-04	-8.546177e-04
## SPNCRNA.936	2.086445e-04	9.426509e-05	-2.075308e-04	-1.687204e-04
## SPAC1556.02c	5.631323e-04	6.572840e-04	-2.862287e-03	8.591671e-03
## SPAC1556.06	3.111379e-04	5.437160e-04	-1.372630e-04	-1.382007e-03
## SPAC1556.07	-6.910912e-04	1.558367e-02	-6.438237e-03	8.452315e-03
## SPAC1556.08c	9.242794e-04	-5.901482e-04	2.295557e-03	-5.284271e-03
## SPAC1F12.06c	1.200114e-04	9.945261e-04	-2.063724e-04	-5.062712e-04
## SPAC1F12.08	-2.514924e-04	-3.246588e-06	-3.846695e-04	-2.540703e-03
## SPAC1F12.09	4.584819e-04	1.861885e-03	7.243259e-05	-5.402075e-03
## SPAC1F12.10c	-3.365671e-03	5.828990e-03	-3.343842e-03	9.971240e-03
## SPAC4H3.17	-2.101825e-04	3.708963e-06	1.002578e-04	-9.490955e-05
## SPAC4H3.02c	1.833974e-03	3.348272e-04	-1.271528e-03	-2.910889e-03
## SPNCRNA.938	1.513471e-04	5.814272e-06	2.329053e-05	1.927559e-04
## SPRRNA.17	1.811663e-03	7.437424e-04	-1.823529e-03	9.657742e-03
## SPAC4H3.04c	2.078273e-04	-1.253826e-04	2.688305e-04	-1.216669e-03
## SPAC4H3.05	1.222347e-03	-2.647173e-03	-1.008936e-03	-1.743749e-03
## SPAC4H3.16	2.268998e-03	-1.025604e-04	1.444093e-03	-8.067708e-04
## SPNCRNA.939	-9.167409e-05	3.647228e-05	1.537802e-06	1.713793e-04
## SPAC4H3.07c	9.648026e-04	2.418356e-03	-1.167530e-03	-3.945925e-04

## SPNCRNA.940	1.398287e-04	2.600729e-05	-9.601983e-05	-6.585825e-05
## SPAC4H3.08	1.288680e-03	7.862350e-04	-6.061080e-03	-4.806761e-03
## SPAC4H3.10c	6.507884e-03	2.284458e-02	1.165045e-01	1.132531e-01
## SPAC4H3.11c	3.767907e-03	5.488122e-05	-3.129635e-03	-6.899337e-03
## SPAC4H3.13	5.758842e-05	-5.079636e-04	1.286146e-03	-3.473626e-03
## SPAC4H3.14c	-2.212201e-04	3.648774e-04	8.500248e-04	-4.341574e-03
## SPAC1071.04c	-6.886635e-04	3.431148e-04	1.271284e-04	-9.315639e-04
## SPAC1071.07c	2.250423e-02	2.005929e-02	5.856747e-03	3.242280e-02
## SPAC1071.09c	2.396854e-03	6.944387e-04	-6.038370e-04	1.509628e-03
## SPNCRNA.92	7.458453e-06	1.391982e-06	-8.478928e-06	1.580235e-05
## SPNCRNA.944	1.167484e-04	-3.008980e-04	5.094383e-04	-2.590504e-04
## SPAC1071.11	1.385816e-03	-7.288091e-05	-4.794752e-04	1.426558e-04
## SPNCRNA.947	-7.990531e-05	2.142964e-04	-5.475605e-04	-1.506992e-04
## SPAC926.06c	2.784457e-03	-1.425440e-03	-1.823460e-03	-4.802851e-03
## SPAC926.07c	4.854713e-04	-4.844251e-04	-1.317040e-03	5.879238e-04
## SPAC926.08c	3.468206e-03	-3.311819e-03	-1.142569e-03	-6.024020e-03
## SPAC323.02c	2.430763e-04	4.671040e-03	1.289847e-03	-2.082887e-03
## SPAC323.03c	-2.048950e-04	-2.979561e-04	5.724305e-04	-2.128452e-03
## SPAC323.04	3.866567e-03	4.383273e-03	-9.951594e-04	-1.282284e-03
## SPAC323.05c	3.726578e-03	-4.583732e-05	1.162763e-03	6.671260e-05
## SPAC323.08	4.769937e-04	-5.644911e-04	2.828284e-04	-2.000814e-03
## SPAC2F3.01	3.786588e-03	5.894633e-04	-2.716457e-03	-1.414400e-03
## SPAC2F3.17c	1.710027e-03	2.200652e-03	1.142631e-03	1.476973e-04
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-4.199814e-03	1.649152e-03	2.563969e-03	7.035928e-03
## SPAC2F3.10	3.853318e-03	-2.065094e-03	-5.559275e-04	-1.544867e-03
## SPAC2F3.13c	4.263092e-04	-1.620556e-03	-1.359690e-03	-1.319286e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	2.313121e-03	-5.680637e-04	-6.108267e-05	-1.037931e-03
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	-1.368607e-03	-5.591951e-04	-1.413266e-03	-1.588307e-03
## SPAC2F3.16	1.863890e-03	-1.826186e-04	1.402296e-04	-3.733011e-03
## SPAC11G7.05c	-2.552419e-05	-9.309577e-04	-5.216509e-04	-1.069360e-03
## SPAC11G7.06c	-1.577593e-03	-1.528233e-07	1.431449e-03	-1.362379e-03
## SPNCRNA.952	-3.304843e-04	5.182889e-04	3.378729e-04	1.484873e-04
## SPAPB18E9.02c	3.970571e-03	-1.669200e-04	-2.015354e-03	-5.774018e-03
## SPNCRNA.953	-5.491316e-04	2.210203e-04	8.630960e-04	-1.106048e-04
## SPAPB18E9.04c	-1.673464e-03	8.869572e-04	1.011575e-03	-8.050813e-04
## SPNCRNA.954	-6.056905e-05	-3.033436e-04	5.113527e-04	-1.638965e-03
## SPAPB15E9.06	-6.797757e-04	2.425108e-04	2.155083e-04	-4.885908e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	2.399723e-03	-7.019125e-04	4.076770e-04	-2.159250e-03
## SPNCRNA.955	1.884796e-04	2.394962e-04	2.400020e-04	-2.837647e-05
## SPAC27E2.03c	1.084089e-02	-2.040450e-03	-1.366074e-02	-1.185022e-02
## SPAC27E2.11c	4.265577e-05	-4.881338e-05	-5.322964e-05	-2.352956e-05
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	-1.118628e-05	-1.318249e-04	1.972578e-04	-2.400815e-04
## SPAC27E2.12	3.759436e-05	1.765897e-06	-2.955747e-05	-1.854588e-04
## SPAC27E2.06c	5.818891e-04	1.115781e-03	8.987812e-04	1.404789e-04
## SPAC27E2.07	-2.970575e-04	-1.931608e-04	1.564415e-04	-1.757298e-03
## SPAC27E2.08	-3.929222e-05	2.071364e-05	1.095826e-05	-6.869698e-05
## SPAPJ698.02c	-1.641383e-02	-8.244329e-03	1.259605e-02	3.801636e-02
## SPAC19G12.01c	3.809372e-03	-5.048285e-04	6.369521e-05	-4.617642e-04

## SPAC19G12.03	1.895911e-03	2.395716e-03	4.645750e-04	-2.543081e-03
## SPNCRNA.956	-7.898121e-05	8.723794e-05	-1.891121e-04	-5.568192e-05
## SPAC19G12.05	-1.691715e-03	-7.540198e-04	4.382031e-04	-2.349675e-03
## SPAC19G12.10c	4.042442e-02	7.981585e-03	2.481203e-02	-3.497163e-02
## SPAC19G12.17	-6.177751e-06	-1.941759e-04	1.039148e-03	-7.171721e-04
## SPAC19G12.11	2.370282e-03	9.008500e-04	2.141023e-03	-1.849837e-03
## SPAC19G12.12	1.507735e-03	-3.632932e-05	8.644652e-04	-2.105843e-03
## SPAC19G12.15c	1.126288e-02	-1.270345e-02	7.537117e-03	1.078705e-03
## SPAC19G12.16c	-2.964062e-03	1.101809e-02	-1.000903e-02	-3.462958e-03
## SPAC23A1.02c	2.015640e-03	-2.230052e-03	-9.291948e-04	2.137039e-03
## SPAC23A1.03	-6.748327e-04	9.236793e-03	-5.361878e-03	-8.058947e-04
## SPAC23A1.04c	2.431058e-04	-8.923011e-04	3.551818e-04	-2.562321e-03
## SPAC23A1.05	-1.808101e-03	1.801244e-03	-1.439595e-03	-2.924039e-03
## SPAC23A1.06c	1.141226e-03	2.615031e-03	-3.037108e-03	1.172679e-03
## SPAC23A1.09	3.396515e-03	-1.528843e-03	-2.572143e-03	-5.156201e-03
## SPNCRNA.957	-2.682982e-04	-5.508027e-05	-1.169928e-04	-1.351729e-05
## SPAC23A1.11	-9.389056e-03	-8.758579e-03	1.785734e-03	1.404837e-02
## SPAC23A1.12c	-8.052052e-04	4.557346e-03	-2.519284e-03	8.069094e-03
## SPNCRNA.958	-4.764683e-04	7.350016e-05	-6.817508e-04	4.154391e-05
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	7.867590e-04	9.007005e-04	4.086863e-04	-1.121409e-05
## SPAC23A1.17	-2.767208e-04	1.259259e-03	-1.871338e-03	-3.975164e-03
## SPAC23A1.18c	4.572153e-04	-6.710242e-04	8.832688e-04	-1.124770e-03
## SPAC23A1.19c	4.103722e-04	-2.896896e-03	-6.993950e-04	-8.692314e-03
## SPAC26H5.02c	2.003723e-03	-1.230640e-03	-1.168288e-03	-5.234000e-03
## SPAC26H5.03	1.829111e-03	-2.289691e-03	-2.259472e-04	-4.343535e-04
## SPNCRNA.959	-3.419574e-05	-4.130396e-04	-3.918155e-04	-1.189501e-04
## SPNCRNA.960	1.465002e-04	-4.225215e-05	9.524352e-05	-1.133019e-04
## SPAC26H5.05	3.695346e-03	-4.971148e-03	-1.574898e-03	6.646856e-03
## SPAC26H5.06	2.481155e-03	4.981770e-04	-1.150570e-03	-4.940148e-04
## SPNCRNA.963	2.673429e-04	-6.690444e-06	-1.213421e-04	5.847542e-04
## SPAC26H5.11	2.730193e-03	1.345533e-03	-1.022863e-03	-1.081832e-03
## SPAC26H5.12	4.852878e-03	-6.485988e-03	-2.110752e-03	-1.364786e-02
## SPAC26H5.13c	2.825630e-03	1.507628e-03	-3.959027e-03	2.458347e-04
## SPAC25B8.01	-1.672372e-03	4.381236e-04	8.684582e-04	1.555325e-03
## SPAC25B8.06c	-5.262762e-04	-8.729702e-04	-2.756368e-03	-3.329300e-03
## SPAC25B8.08	7.775826e-04	1.679727e-04	-1.605098e-03	-2.856200e-04
## SPNCRNA.966	1.363623e-04	-3.005274e-06	-2.955849e-05	-6.985049e-04
## SPAC25B8.09	-9.709364e-04	2.029716e-04	5.343262e-04	2.826011e-04
## SPAC25B8.12c	2.141232e-02	-1.463043e-02	4.673627e-02	-2.317296e-02
## SPAC25B8.17	6.771889e-03	-1.935286e-03	2.643482e-03	-2.870643e-03
## SPAC25B8.18	-2.134375e-04	1.209389e-04	5.217668e-04	-4.416469e-04
## SPAC25B8.19c	2.958651e-03	-3.069668e-03	1.465875e-03	-2.456764e-03
## SPAC683.03	-1.330936e-05	-9.065289e-06	-1.077001e-04	4.546636e-06
## SPNCRNA.969	-6.681475e-04	-8.370858e-04	-1.126706e-03	-2.718647e-04
## SPAC683.02c	3.057142e-03	-3.321085e-03	-4.203294e-04	-3.708884e-03
## SPAC694.02	3.137203e-02	1.596305e-03	-4.809451e-02	-3.199420e-02
## SPAC694.05c	6.816940e-03	-1.322046e-02	1.867856e-02	2.884108e-02
## SPAC694.06c	8.663925e-04	1.538686e-03	-5.930213e-03	-5.117701e-03
## SPAC1F7.01c	1.658622e-02	-3.852090e-03	-6.127949e-03	-1.398335e-02
## SPAC1F7.14c	9.046620e-04	-2.788346e-04	6.583093e-04	2.485788e-03
## SPAC1F7.04	-1.310775e-03	2.283626e-03	-6.131096e-03	1.228321e-02
## SPAC1F7.05	-8.623821e-03	1.951283e-02	-3.198330e-02	-8.251187e-03
## SPNCRNA.973	5.247386e-04	-7.292047e-05	2.287229e-04	2.313725e-05

## SPNCRNA.243	6.827947e-05	-1.098731e-04	-5.516935e-05	1.220426e-06
## SPAC1F7.08	3.658018e-03	2.651723e-03	9.854930e-03	2.852181e-02
## SPAC1F7.09c	6.716859e-05	-3.573272e-04	1.210826e-03	-7.212105e-04
## SPAC1F7.13c	-3.503355e-02	-2.901298e-02	6.677212e-02	3.390405e-02
## SPAC21E11.04	6.060320e-06	-8.685528e-04	3.960846e-04	-1.155898e-03
## SPAC21E11.06	6.010397e-03	-6.027554e-03	-8.877464e-03	-6.537255e-03
## SPNCRNA.13	-4.394745e-05	7.136391e-05	5.168715e-05	-2.698348e-05
## SPAC21E11.07	2.233000e-03	-4.907053e-04	-8.987208e-04	1.468262e-03
## SPAC2C4.03c	-1.746632e-03	-1.043327e-03	-1.039209e-03	-2.642231e-04
## SPAC2C4.04c	-2.008879e-04	-2.379587e-03	-6.485901e-04	-1.818426e-03
## SPNCRNA.98	3.901194e-02	1.290297e-02	3.861007e-02	-2.610244e-02
## SPAC2C4.07c	7.470475e-04	1.628190e-03	2.380720e-04	4.016643e-04
## SPAC2C4.09	-2.139573e-05	3.579493e-04	-1.278138e-03	1.824857e-03
## SPAC2C4.10c	1.386108e-03	-1.032016e-04	2.138773e-04	-6.434403e-04
## SPAC2C4.13	2.001927e-04	-1.207691e-03	3.683495e-05	-1.690551e-03
## SPAC2C4.17c	-2.138750e-03	3.910745e-03	1.510890e-04	4.997068e-03
## SPAC25G10.02	-2.940950e-04	-3.457326e-04	2.534827e-04	-2.507003e-04
## SPAC25G10.03	6.157458e-03	9.409280e-04	7.010173e-04	-1.422672e-02
## SPAC25G10.04c	3.852033e-06	1.037319e-03	-1.345709e-03	-6.457687e-04
## SPAC25G10.08	2.350146e-02	-8.268439e-03	-3.551994e-02	-1.736668e-02
## SPAC27F1.05c	6.367146e-04	-1.167894e-03	5.156312e-04	-7.224463e-04
## SPNCRNA.977	-3.281042e-04	7.338114e-07	6.725760e-04	7.521104e-04
## SPAC27F1.10	-1.861567e-04	-6.833258e-05	-4.938118e-07	-3.419576e-05
## SPNCRNA.978	3.836354e-04	2.179500e-04	-7.153012e-05	2.515700e-04
## SPAC27F1.06c	2.589135e-03	-3.679715e-03	-5.206144e-03	-7.234025e-03
## SPAC23D3.04c	-7.575644e-03	1.967380e-04	4.943974e-03	3.598752e-03
## SPAC23D3.05c	-1.083378e-03	-5.621094e-04	4.274620e-04	-6.663221e-04
## SPAC23D3.06c	4.382134e-03	-1.250036e-03	-4.228831e-03	5.213466e-03
## SPAC23D3.07	8.220253e-03	-4.405684e-03	3.086828e-05	-1.180185e-02
## SPAC23D3.09	4.740487e-03	-1.136778e-03	8.040555e-04	-7.183262e-03
## SPAC23D3.10c	4.734332e-03	4.515472e-05	2.300137e-04	-4.173293e-03
## SPNCRNA.244	1.475471e-05	4.369479e-05	2.113198e-04	-5.422650e-05
## SPAC23D3.12	-1.465743e-03	5.662023e-03	-6.151634e-03	-4.119483e-02
## SPAC23D3.16	6.713423e-04	1.597872e-03	1.743524e-03	1.696937e-03
## SPAC23D3.13c	3.801999e-03	-1.377787e-03	-4.594757e-03	-9.388187e-03
## SPAC23D3.14c	6.102234e-04	1.700782e-04	-1.161158e-03	9.941803e-04
## SPNCRNA.982	-3.323285e-04	1.347373e-04	-2.189594e-04	-1.954680e-04
## SPAC1527.01	7.522795e-04	-1.715636e-03	1.815275e-04	-4.801845e-03
## SPAC1527.02	1.004247e-04	-7.791260e-04	1.085061e-03	-1.329202e-03
## SPAC1527.03	-1.208157e-04	2.984957e-04	-3.827247e-03	-8.268346e-03
## SPAC30.03c	6.151404e-04	-5.308013e-04	-2.569511e-04	-3.194922e-03
## SPNCRNA.983	8.038007e-05	3.591069e-05	-9.917211e-05	6.492180e-05
## SPNCRNA.984	5.606876e-04	-2.463053e-04	-8.615834e-04	-9.878029e-04
## SPNCRNA.246	1.524990e-05	-8.828531e-06	1.852613e-05	2.067135e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	3.090908e-03	-2.108881e-03	-2.851653e-03	-1.047980e-03
## SPAC29E6.06c	2.000073e-02	1.767325e-03	-6.671905e-03	-2.395274e-02
## SPAC29E6.09	-1.498600e-03	1.258267e-03	1.739799e-04	-3.138045e-03
## SPAC29E6.10c	6.253611e-03	-1.698754e-03	-4.682234e-03	-1.089614e-02
## SPAC16.02c	-7.130662e-03	-3.710416e-03	9.106664e-04	-7.070488e-03
## SPNCRNA.247	2.975751e-05	6.334910e-06	-2.916842e-05	-2.429647e-05
## SPAC16.04	2.626744e-05	-5.430028e-03	-2.774841e-03	-2.499353e-03
## SPNCRNA.99	-1.427737e-03	4.155418e-04	-4.416425e-04	-7.716189e-04
## SPAC9E9.02	1.008961e-03	1.047997e-04	2.316686e-04	-6.258626e-05

## SPNCRNA.988	2.675589e-04	5.413807e-05	-6.294936e-05	-4.485911e-04
## SPAC9E9.05	1.915143e-03	-1.540271e-03	2.406299e-04	1.185474e-03
## SPAC9E9.06c	-1.429552e-03	-1.909153e-04	-2.243681e-03	7.169317e-03
## SPAC9E9.07c	-3.229582e-03	1.785560e-03	1.931805e-03	-2.231361e-04
## SPAC9E9.08	1.463797e-03	-2.791600e-03	-9.361893e-04	-2.196968e-03
## SPNCRNA.990	-1.339151e-04	6.730227e-04	4.359107e-04	3.454496e-05
## SPAC9E9.10c	4.643209e-03	-1.289731e-03	-5.324546e-05	-3.953958e-03
## SPAC9E9.11	4.988944e-03	-1.103871e-02	1.550733e-02	-1.907986e-02
## SPAC9E9.12c	9.941691e-04	-2.316565e-04	-6.761263e-03	-1.165387e-03
## SPAC9E9.13	6.307717e-03	-2.802015e-04	2.489440e-02	-2.084339e-03
## SPAC9E9.14	-4.740546e-04	-8.078927e-04	-6.413546e-05	-4.939323e-03
## SPAC17C9.16c	3.038634e-03	-7.016746e-03	2.440394e-03	-4.617668e-03
## SPAC17C9.15c	1.810111e-03	-5.445013e-04	-1.624952e-03	9.814457e-04
## SPAC17C9.13c	8.171130e-03	-3.478952e-03	-1.661875e-03	-6.429071e-03
## SPAC17C9.12	5.446236e-03	-6.171018e-04	8.837422e-04	-2.394895e-04
## SPAC17C9.11c	1.695435e-03	1.389506e-04	1.489515e-03	-1.103222e-03
## SPAC17C9.09c	3.601304e-03	-2.018554e-03	-2.100465e-03	-2.414160e-03
## SPAC17C9.08	2.040124e-03	1.033382e-04	-1.839598e-04	1.406492e-03
## SPAC17C9.06	-6.507496e-04	2.609802e-03	3.802369e-03	-2.594355e-03
## SPAC17C9.03	-1.534118e-03	-1.321327e-02	-2.016777e-02	2.619719e-02
## SPAC17C9.02c	-8.829890e-05	3.692536e-04	5.018902e-04	-2.146477e-03
## SPAC1851.02	6.756303e-03	5.789912e-03	-4.211201e-03	2.578275e-03
## SPAC1851.03	-1.936081e-03	3.540270e-04	-1.593653e-03	-1.497115e-03
## SPNCRNA.992	4.756175e-04	-1.202313e-04	7.734567e-05	-8.355560e-04
## SPAC27D7.03c	-6.485207e-04	5.257718e-05	9.638658e-05	2.229959e-04
## SPAC27D7.04	-6.092959e-04	-1.078924e-04	-5.397712e-04	-9.300257e-04
## SPAC27D7.05c	3.499503e-04	2.054633e-04	7.041381e-04	-1.248285e-03
## SPAC27D7.07c	-2.972413e-04	-5.738331e-04	2.011007e-03	-1.014641e-03
## SPAC27D7.08c	-8.459296e-04	5.217155e-04	-6.173261e-04	-2.203723e-03
## SPAC27D7.09c	2.177163e-02	-1.123375e-02	-9.908244e-03	-6.480342e-03
## SPAC27D7.11c	3.183616e-02	-7.171684e-03	-5.549939e-03	-1.831531e-02
##	[,25]	[,26]	[,27]	[,28]
## SPAC212.11	4.054699e-05	-5.465748e-04	-2.468615e-04	3.607105e-04
## SPAC212.09c	1.623753e-04	1.342855e-03	-4.708874e-05	1.125989e-03
## SPNCRNA.70	-6.234224e-06	-8.953686e-06	-4.533269e-06	3.386717e-06
## SPAC212.12	4.929510e-05	-3.203261e-05	-7.761428e-05	2.335064e-05
## SPAC212.04c	8.390228e-04	1.146728e-03	-7.350306e-04	-7.472755e-05
## SPAC212.03	1.568003e-05	1.119540e-05	3.166035e-05	2.706124e-06
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	-2.173856e-04	6.136157e-05	-1.003725e-04	-6.345947e-05
## SPAC977.03	-2.030490e-05	-8.689112e-06	3.434488e-05	-2.638052e-05
## SPAC977.04	-2.360087e-05	-5.280571e-06	-4.128794e-05	-1.804077e-05
## SPAC977.05c	3.317979e-05	4.160497e-05	7.503689e-05	7.911606e-05
## SPNCRNA.136	2.737267e-06	8.578308e-06	-1.091068e-05	6.252052e-07
## SPNCRNA.601	-1.396517e-05	3.046759e-04	-1.934941e-04	-1.602106e-04
## SPAC977.07c	4.415924e-05	-2.477981e-06	9.508626e-05	-5.482095e-05
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	1.000972e-03	2.479665e-03	8.955014e-04	9.895046e-05
## SPAC977.13c	-1.206340e-03	2.938743e-04	-1.157560e-03	-1.044954e-03
## SPAC977.15	-1.933277e-04	-1.201922e-03	1.240936e-04	2.130922e-03
## SPAC977.16c	-3.072148e-03	2.801038e-04	-4.926237e-04	-2.488202e-03
## SPNCRNA.37	-6.541639e-05	-1.018162e-05	6.552734e-05	1.254399e-05
## SPAPJ695.01c	-4.092019e-05	-5.704501e-05	-7.042455e-05	5.175845e-05

## SPNCRNA.76	1.096846e-04	-3.741834e-05	-1.591346e-04	2.224439e-04
## SPNCRNA.603	-7.129290e-05	-2.260927e-04	-1.783499e-04	2.103731e-05
## SPNCRNA.607	-3.971175e-04	9.260191e-04	7.212333e-04	-9.204768e-04
## SPAC1F8.06	3.619045e-04	-1.468004e-04	4.996913e-04	1.376263e-04
## SPAC1F8.08	4.518221e-05	5.099805e-04	-1.477057e-03	-7.262686e-04
## SPAC11D3.19	-8.055038e-04	7.933277e-04	-7.465822e-04	4.596062e-04
## SPAC11D3.01c	1.534308e-02	3.452796e-02	9.250271e-03	-7.478833e-04
## SPNCRNA.608	6.512481e-04	9.678025e-04	4.263589e-04	-1.658486e-03
## SPAC11D3.02c	9.436219e-04	8.170560e-03	-1.742987e-02	2.821375e-05
## SPAC11D3.03c	9.872417e-04	-6.231866e-05	-6.592992e-04	3.169374e-04
## SPAC11D3.05	4.045600e-03	2.110448e-03	8.525557e-03	6.887144e-03
## SPAC11D3.07c	-2.997064e-03	-3.631691e-04	-2.296090e-04	-2.298576e-03
## SPAC11D3.08c	-5.521094e-04	3.505346e-03	-4.429551e-03	1.427296e-04
## SPAC11D3.11c	-1.922522e-04	2.302583e-03	-1.967438e-03	2.806012e-03
## SPAC11D3.14c	-1.126478e-03	2.029296e-04	-3.831355e-04	-3.201645e-03
## SPNCRNA.609	1.635526e-03	1.427371e-03	1.561881e-03	6.570669e-04
## SPNCRNA.147	1.084954e-04	5.237108e-05	6.148561e-05	-1.400165e-05
## SPNCRNA.610	-1.438198e-04	-7.028379e-05	6.373157e-05	6.694189e-05
## SPAC11D3.16c	-1.117969e-03	-1.508279e-03	-1.770731e-03	1.076796e-03
## SPAC11D3.18c	2.185629e-04	-4.694845e-05	2.667457e-04	8.761661e-04
## SPNCRNA.612	1.181279e-03	-4.508454e-04	-1.484656e-03	2.447259e-03
## SPAC5H10.01	4.696140e-04	-1.288935e-04	-1.068539e-04	-5.343944e-04
## SPAC5H10.03	3.536957e-03	3.166873e-03	-8.192768e-03	-2.646369e-02
## SPAC5H10.04	-1.002585e-03	-6.945877e-04	1.008054e-03	-3.572082e-04
## SPAC5H10.06c	1.232290e-03	4.827775e-03	-6.441205e-03	-1.594099e-03
## SPAC5H10.08c	3.675077e-03	1.596156e-04	-2.105038e-03	-4.360709e-04
## SPAC5H10.09c	-2.570225e-05	7.889120e-04	-1.580686e-03	1.968549e-03
## SPAC5H10.10	4.545969e-03	4.788334e-03	-3.030951e-03	-3.441179e-04
## SPAC5H10.11	3.429382e-04	1.088778e-04	3.993064e-04	2.093292e-04
## SPAC5H10.12c	2.040237e-03	-5.757042e-04	-5.944132e-03	3.027201e-03
## SPAC5H10.13c	3.428149e-03	6.922192e-03	-1.971441e-03	1.855351e-03
## SPNCRNA.617	-3.141453e-04	4.878674e-04	-2.791426e-04	4.568076e-04
## SPAC13G6.01c	6.574276e-04	6.484703e-03	5.491243e-03	4.740427e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	-2.654485e-03	4.391672e-03	-2.164664e-03	2.641073e-03
## SPNCRNA.618	2.444572e-04	6.201041e-04	-1.143058e-04	-4.191966e-04
## SPNCRNA.620	1.102728e-04	-2.551835e-04	-3.710887e-04	5.653522e-05
## SPAC13G6.14	3.466535e-03	-1.225657e-03	-4.895127e-03	-1.155845e-02
## SPAC13G6.15c	2.018812e-03	5.840774e-04	2.674735e-03	4.286018e-04
## SPNCRNA.621	-1.974302e-04	-1.024454e-03	-1.170187e-04	-1.955530e-05
## SPAC24B11.05	2.365955e-03	3.640690e-03	1.031536e-03	1.940394e-03
## SPAC24B11.08c	-2.442170e-04	6.489101e-04	1.542056e-03	2.078292e-03
## SPNCRNA.142	-5.280740e-05	-2.041064e-05	-2.161753e-06	3.137345e-05
## SPAC24B11.09	6.453554e-04	4.540139e-03	1.045855e-03	-1.279464e-03
## SPAC24B11.11c	3.282916e-05	1.060058e-03	-7.303957e-03	6.373461e-03
## SPAC24B11.12c	-1.401814e-03	5.403778e-03	-6.170351e-03	-5.116724e-03
## SPNCRNA.624	9.301909e-04	1.357673e-03	-1.617952e-03	-5.700478e-04
## SPAC806.02c	1.707785e-03	-1.584807e-03	-9.689509e-03	2.396108e-03
## SPNCRNA.625	3.423286e-04	-9.608323e-05	9.383552e-04	7.511109e-04
## SPAC806.11	2.578508e-04	2.745756e-04	1.878040e-04	-9.887526e-05
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-2.044983e-04	1.842219e-04	-1.378040e-03	1.539336e-03
## SPNCRNA.627	3.049437e-04	1.963879e-05	4.215851e-05	8.916756e-05
## SPNCRNA.628	4.509435e-07	-1.280448e-05	1.526486e-04	1.302378e-04

## SPAC806.06c	6.388682e-03	4.333023e-04	-2.807085e-03	-8.317073e-03
## SPAC806.07	2.013246e-03	5.987111e-03	-9.781333e-04	3.986842e-03
## SPNCRNA.630	9.194003e-04	5.108833e-04	-2.111260e-04	-1.573057e-03
## SPAC1F5.11c	1.670124e-03	-6.140477e-03	1.387746e-03	6.005859e-03
## SPNCRNA.632	-1.514798e-04	3.710316e-04	3.644838e-05	-3.658727e-05
## SPNCRNA.633	-1.240821e-04	-4.613484e-04	-5.456496e-04	-1.984445e-04
## SPAC1F5.07c	-1.553020e-03	4.045116e-03	-3.301173e-03	-2.061709e-03
## SPAC1F5.04c	1.006161e-03	5.132319e-03	-1.180233e-03	-3.349627e-03
## SPAC1F5.02	-6.901964e-03	9.539283e-03	-1.099748e-03	-1.075164e-02
## SPNCRNA.148	3.418406e-05	1.149750e-04	-2.203728e-06	1.351398e-04
## SPAC18B11.10	3.400818e-03	-4.750487e-03	-5.257117e-03	1.067793e-03
## SPNCRNA.27	7.557707e-06	-1.668123e-05	-3.829417e-05	-4.931043e-05
## SPNCRNA.635	-7.533343e-05	7.778954e-06	-2.576902e-04	2.792956e-04
## SPAC18B11.09c	-1.815063e-03	-3.641163e-03	-2.233545e-03	4.584425e-05
## SPAC18B11.08c	1.530996e-03	-1.417979e-03	-1.345302e-03	-3.947468e-04
## SPAC18B11.07c	-3.428131e-03	-1.400326e-03	-2.717896e-03	-2.643709e-03
## SPAC18B11.04	1.696079e-03	-6.904308e-04	1.804529e-03	-2.253922e-03
## SPNCRNA.636	2.331881e-03	1.307188e-03	-5.944699e-04	-4.291782e-03
## SPAC18B11.02c	-2.071006e-03	7.721562e-04	4.560432e-03	-3.350676e-03
## SPAC12G12.15	9.052508e-05	-1.405480e-04	3.927980e-04	-9.210298e-04
## SPNCRNA.637	-2.880575e-04	-1.828364e-05	2.724316e-04	1.906329e-04
## SPAC12G12.14c	-1.125208e-03	-1.851470e-03	2.681159e-03	2.751741e-03
## SPNCRNA.638	1.245012e-04	-3.589736e-05	5.137286e-05	-1.057663e-04
## SPAC12G12.10	-1.214253e-03	2.711208e-03	-5.286347e-04	-1.655305e-03
## SPAC12G12.09	-3.576350e-03	3.073394e-05	-4.484137e-03	-6.060381e-03
## SPAC12G12.06c	4.859796e-03	-1.472710e-03	-8.274970e-03	1.922541e-03
## SPNCRNA.639	1.068873e-04	-3.310222e-05	1.562127e-04	-9.315454e-05
## SPAC12G12.03	-5.339939e-03	6.862726e-03	5.226722e-03	6.249839e-04
## SPAC630.05	-2.780509e-06	-1.849821e-03	-4.878928e-03	-1.263405e-03
## SPAC630.15	9.469290e-05	-8.765853e-04	3.280689e-04	1.383138e-03
## SPATRNPAPRO.01	-7.075552e-04	3.608165e-03	1.001509e-03	5.360401e-03
## SPAC630.11	-1.388414e-03	-1.406760e-03	1.979310e-03	-1.805735e-03
## SPAC630.12	-3.884538e-03	-2.405100e-03	-6.214123e-03	3.604974e-03
## SPAC630.13c	1.849971e-04	-3.210335e-03	-1.271275e-03	-4.646303e-04
## SPAC630.14c	5.667752e-04	-7.820318e-04	-3.662501e-03	-3.707434e-03
## SPAC1751.01c	1.501377e-04	1.631547e-03	2.964966e-04	2.471505e-03
## SPAC1751.04	-1.300458e-03	-1.665421e-03	2.038427e-03	3.186959e-05
## SPAC1751.02c	-3.783056e-03	-5.195418e-04	-1.437644e-03	6.383160e-03
## SPAC31A2.02	-1.879629e-04	-2.278062e-03	-5.454519e-04	7.342463e-04
## SPNCRNA.643	-1.484370e-04	5.425626e-04	-1.051973e-04	-1.720245e-04
## SPAC31A2.03	-2.426916e-04	5.820627e-03	-2.246987e-03	-3.193678e-03
## SPAC31A2.04c	4.393438e-03	1.281753e-03	-2.178153e-03	-3.035656e-03
## SPAC31A2.06	1.608947e-03	1.783291e-03	-5.876049e-03	4.814804e-03
## SPAC31A2.07c	6.139192e-04	6.470067e-03	-2.755692e-03	-1.318166e-03
## SPAC31A2.09c	1.217781e-03	1.882129e-03	-2.027949e-03	-7.446995e-04
## SPAC31A2.11c	6.281755e-04	-1.380965e-03	-9.048563e-04	1.238783e-04
## SPAC31A2.12	-6.002709e-04	-1.065760e-03	2.823189e-03	-1.823762e-04
## SPAC31A2.13c	4.818271e-04	-1.575379e-03	-7.350561e-04	-5.032882e-04
## SPAC31A2.14	1.756293e-03	-9.481151e-05	-2.283048e-03	4.147561e-03
## SPAC31A2.16	-2.762222e-03	4.608296e-03	-6.086590e-03	-3.816005e-03
## SPAC13C5.01c	3.791146e-03	5.331208e-03	-2.958793e-03	3.245076e-03
## SPNCRNA.644	2.978843e-04	4.677395e-04	-1.097452e-04	1.887274e-04
## SPAC13C5.04	-1.706170e-04	1.053687e-02	2.219451e-03	-1.806913e-02
## SPNCRNA.645	6.582645e-05	-8.142922e-05	-8.606126e-04	1.571146e-03

## SPAC13C5.05c	-1.728431e-04	-3.578835e-04	3.193854e-03	9.770943e-04
## SPAC13C5.06c	-5.203363e-04	-2.818353e-04	-3.513305e-04	5.723418e-04
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	4.623710e-02	-3.190490e-02	3.093879e-02	3.921228e-02
## SPAC23E2.02	9.871463e-04	-3.515597e-04	-1.474907e-03	-1.240529e-03
## SPRRNA.11	-1.108042e-02	-9.043491e-03	-1.746542e-02	-1.274380e-03
## SPAC24H6.12c	3.812824e-03	3.047212e-03	-1.291515e-03	-1.498879e-03
## SPAC24H6.11c	-3.571025e-03	-1.837253e-03	-1.778423e-03	2.842361e-03
## SPNCRNA.652	-4.483237e-04	2.674433e-03	1.124348e-03	1.648724e-03
## SPAC24H6.09	4.558367e-03	-3.522874e-04	-6.932885e-05	-3.776041e-03
## SPAC24H6.07	2.482689e-02	3.546695e-03	8.271945e-03	-2.418577e-02
## SPAC24H6.06	1.300487e-03	9.149717e-04	3.405781e-03	1.282818e-03
## SPAC24H6.04	-9.588310e-03	1.214942e-02	3.150400e-03	-7.818986e-03
## SPNCRNA.653	3.418524e-04	-9.079634e-05	1.754500e-04	-5.150484e-05
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	7.372473e-04	5.303051e-04	-2.597910e-03	2.498808e-03
## SPNCRNA.654	-1.513118e-05	-3.672074e-04	2.533225e-04	3.133173e-04
## SPAC24H6.01c	-1.263627e-03	1.177392e-03	-3.519516e-04	1.698263e-03
## SPAC227.19c	2.898930e-04	1.303899e-06	1.166195e-03	9.276353e-04
## SPNCRNA.655	-9.673378e-05	3.682843e-04	-3.638981e-04	-3.933724e-04
## SPAC227.05	1.127081e-03	1.150748e-03	-1.175204e-03	-2.233949e-03
## SPAC227.06	-6.131455e-04	3.191116e-04	-4.153392e-03	-4.597161e-04
## SPAC227.07c	-6.902304e-05	-6.656394e-03	-6.711765e-03	-3.283559e-03
## SPNCRNA.657	2.334234e-04	9.955846e-04	3.569719e-04	-1.624535e-03
## SPAC227.08c	-1.070346e-03	1.408373e-03	-1.953731e-03	-3.668212e-04
## SPAC227.09	4.144068e-04	1.387521e-03	-9.646182e-04	-7.513490e-04
## SPAC227.10	1.665372e-03	3.566530e-04	-2.393150e-03	5.098190e-03
## SPAC227.11c	-2.594396e-03	4.579035e-04	-2.980540e-03	1.068253e-03
## SPAC227.12	3.482409e-04	1.061903e-03	-3.372137e-03	-1.249503e-03
## SPAC227.13c	-2.961365e-04	-1.290258e-03	-1.850448e-03	-4.923971e-04
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	-1.454577e-05	-8.568256e-04	-1.106005e-04	-6.645927e-05
## SPAC2F7.04	2.856974e-04	1.638522e-03	1.700558e-03	-2.270944e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	1.129158e-03	-2.482257e-04	-2.077426e-04	-2.679729e-04
## SPNCRNA.661	-5.966534e-04	1.056208e-03	-1.015613e-04	1.327096e-03
## SPAC2F7.13c	-6.016592e-04	7.287536e-03	3.537446e-03	-1.248625e-02
## SPAC2F7.15	-2.284804e-04	-7.843716e-04	-2.971739e-03	-4.911090e-04
## SPAC13A11.01c	8.638252e-04	2.350125e-03	-3.238598e-03	-3.217618e-03
## SPAC13A11.03	4.476084e-03	1.047952e-02	6.258783e-03	-3.223481e-03
## SPAC13A11.04c	-9.248088e-04	6.380511e-04	-4.347956e-03	2.659834e-04
## SPAC13A11.05	-1.133633e-03	1.170654e-03	1.362445e-03	3.844387e-03
## SPAC3H8.02	5.476198e-03	-3.642862e-03	-1.488490e-03	4.405716e-03
## SPAC3H8.03	-1.767703e-03	1.449293e-03	8.265928e-04	-3.274784e-04
## SPNCRNA.663	-1.177954e-04	-3.167084e-04	-8.448676e-04	2.307291e-04
## SPAC3H8.04	1.667270e-04	-3.022626e-03	-2.474468e-03	2.738979e-03
## SPNCRNA.156	3.115149e-06	3.237893e-05	-9.435420e-05	3.781187e-05
## SPAC3H8.08c	1.117230e-03	3.180515e-03	1.462664e-03	4.860489e-04
## SPNCRNA.667	1.177520e-04	-4.995568e-04	-1.614738e-04	8.439426e-05
## SPAC3H8.10	-7.332881e-03	1.225481e-02	-4.202607e-03	2.711058e-03
## SPAC1F3.01	-6.026560e-03	-1.670307e-03	-4.550514e-03	-6.293950e-03

## SPAC1F3.02c	3.436431e-03	2.186300e-04	9.886262e-04	2.952824e-03
## SPAC1F3.03	-4.034766e-03	2.023659e-03	-6.411727e-04	9.886433e-04
## SPAC1F3.04c	-1.159071e-03	2.528991e-03	1.322083e-03	-4.394728e-03
## SPAC1F3.05	-4.162145e-04	-6.868341e-04	9.188594e-04	-4.134472e-03
## SPAC1F3.06c	-7.052982e-03	8.585278e-03	-1.698514e-02	-8.035097e-03
## SPAC1D4.01	-9.055279e-04	8.139417e-04	-6.047610e-04	1.248339e-03
## SPAC1D4.02c	-1.491534e-03	2.665959e-03	-7.592242e-04	9.786419e-04
## SPAC1D4.03c	-3.682348e-04	-1.334803e-03	-1.457938e-04	1.508987e-03
## SPNCRNA.670	-1.785053e-04	2.206666e-04	8.874324e-04	4.067757e-05
## SPAC1D4.05c	-2.699559e-03	-5.443829e-03	-2.612344e-03	2.246064e-04
## SPAC1D4.07c	-3.456847e-05	-6.415756e-04	-3.142896e-04	-8.387267e-05
## SPAC1D4.10	4.188190e-03	-1.841851e-03	-3.572206e-03	4.069378e-03
## SPNCRNA.671	7.177207e-04	-1.096887e-04	3.854121e-04	-7.086881e-04
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	6.031446e-03	1.346927e-03	-1.871816e-03	1.841317e-03
## SPAC1D4.14	4.361334e-03	2.778325e-03	-6.714686e-03	2.826101e-03
## SPAC22F3.13	-1.679723e-03	-8.414519e-04	-4.019327e-03	-9.797731e-04
## SPNCRNA.675	-8.735387e-04	-9.952114e-04	1.723167e-04	-1.489301e-03
## SPNCRNA.158	-2.346382e-04	2.487467e-06	1.018348e-04	-7.424235e-05
## SPAC22F3.11c	-1.052850e-03	-1.770892e-03	-1.729720e-03	-2.381395e-03
## SPAC22F3.10c	7.236976e-03	1.030834e-02	-2.494046e-03	4.774548e-03
## SPAC22F3.08c	1.193779e-03	2.248536e-04	8.169690e-04	1.621065e-03
## SPAC22F3.07c	-1.088468e-04	-6.177377e-03	2.694713e-03	5.428085e-03
## SPAC22F3.05c	3.884488e-03	-1.871382e-03	-6.958343e-03	2.377769e-03
## SPNCRNA.676	-1.575542e-04	5.619950e-05	-1.652220e-04	-1.026453e-04
## SPAC22F3.03c	-6.696515e-04	1.548519e-03	-1.555680e-03	1.801400e-04
## SPAC1296.03c	1.862632e-04	1.033996e-03	-9.785657e-04	3.357809e-03
## SPAC1296.04	-5.808676e-04	-6.411166e-06	8.324738e-04	-8.483604e-04
## SPAC1296.05c	1.448860e-03	-7.433719e-04	-3.478779e-03	-4.838224e-03
## SPAPJ696.02	2.580954e-03	-3.249309e-03	5.320432e-04	6.548731e-03
## SPAC22G7.01c	-9.703470e-04	7.353971e-03	6.033662e-04	2.136697e-03
## SPNCRNA.677	-4.849903e-04	1.585648e-03	-1.921480e-04	-6.090242e-04
## SPAC22G7.03	5.738736e-05	-8.520529e-04	-3.398063e-04	-5.822973e-04
## SPNCRNA.678	-6.734311e-04	9.933857e-05	2.812612e-04	4.759928e-05
## SPAC22G7.05	-6.850733e-04	1.691788e-03	9.995070e-05	-6.185290e-03
## SPAC22G7.09c	2.729749e-03	2.720680e-03	2.823387e-04	1.553781e-03
## SPAC22G7.10	-3.886609e-04	-3.072201e-03	-5.876874e-03	-9.807113e-04
## SPAC4G8.02c	1.829688e-03	3.567884e-03	-5.926458e-03	4.480271e-03
## SPAC4G8.03c	5.195498e-04	1.031269e-03	-1.098077e-03	1.708801e-03
## SPAC4G8.06c	-1.930736e-03	-2.852635e-03	-3.040078e-03	-3.015852e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-1.178827e-03	1.454458e-03	-6.254973e-04	-1.165698e-03
## SPAC4G8.11c	1.014908e-04	-1.790049e-04	-1.548709e-03	5.756222e-04
## SPAC4G8.12c	6.934523e-04	2.065693e-03	-1.937107e-05	1.660136e-03
## SPAC4G8.13c	1.325785e-03	5.755229e-03	1.071410e-03	-1.339200e-03
## SPAC16C9.05	-1.618336e-03	4.957274e-03	-1.268245e-03	-8.348543e-03
## SPAC2G11.02	-7.415879e-04	6.837313e-03	-1.540162e-02	-1.999664e-03
## SPAC2G11.03c	1.005439e-03	2.445501e-03	-1.043023e-03	3.193895e-03
## SPAC2G11.06	2.902231e-03	-8.365087e-04	-2.539425e-03	3.767027e-03
## SPNCRNA.688	-2.282905e-04	6.536842e-04	-1.565774e-04	-7.745375e-04
## SPAC2G11.07c	-7.014348e-03	1.119042e-02	6.766065e-03	-1.090519e-02
## SPAC2G11.09	-1.684932e-04	1.461781e-03	-2.317309e-03	-3.871904e-03
## SPAC2G11.12	2.454042e-03	1.193412e-03	-6.120349e-03	2.368084e-03
## SPNCRNA.691	2.731006e-04	5.754094e-04	6.053022e-04	-2.360112e-04

## SPNCRNA.692	4.465685e-05	-1.040362e-04	-6.141491e-04	1.999615e-04
## SPAC521.02	1.262854e-03	-2.513586e-03	-6.784293e-03	-2.055351e-03
## SPAC521.03	1.552093e-02	-1.523965e-02	2.106866e-02	-6.219795e-03
## SPAC521.05	1.399325e-02	-2.598780e-02	3.966026e-02	5.954737e-03
## SPAC23G3.01	7.950681e-03	-1.678095e-03	4.705585e-03	-9.278237e-03
## SPNCRNA.694	7.841285e-05	5.966022e-05	-3.530064e-04	-3.473706e-04
## SPAC23G3.04	5.118551e-04	-4.778878e-05	-2.345663e-03	-1.673300e-03
## SPAC23G3.06	8.068075e-03	1.282199e-02	2.585847e-03	-1.782798e-02
## SPAC23G3.07c	-5.815892e-04	-5.012491e-05	4.577418e-04	-1.586772e-03
## SPAC23G3.08c	-4.135655e-03	2.308460e-03	2.297902e-03	-1.694412e-03
## SPAC23G3.10c	-1.176280e-03	3.180491e-04	-1.981111e-03	-4.787200e-03
## SPAC22H12.01c	-5.278950e-04	-3.248326e-04	2.881849e-03	-2.639600e-03
## SPAC22H12.02	-7.469495e-03	6.219702e-03	-4.079644e-04	-1.887204e-03
## SPAC22H12.05c	-2.227455e-04	2.332219e-03	-1.670476e-03	-2.914214e-03
## SPAC1687.01	-3.233172e-04	-3.101436e-03	-7.236832e-03	-2.965436e-03
## SPAC1687.04	-9.380503e-04	1.276890e-03	4.726386e-04	2.008543e-03
## SPAC1687.05	-1.395345e-03	3.347336e-03	2.743597e-04	4.592402e-03
## SPAC1687.06c	-1.635427e-03	1.653585e-02	4.702862e-03	-9.639290e-03
## SPNCRNA.696	-2.362165e-04	4.666903e-04	-3.250857e-05	-3.509982e-04
## SPAC1687.11	-3.513233e-03	3.270804e-03	5.840770e-03	3.004799e-03
## SPAC1687.12c	9.246735e-05	-3.338062e-04	-4.842050e-03	3.879099e-03
## SPAC1687.14c	8.244465e-04	6.326391e-04	-3.152079e-04	-1.200175e-03
## SPAC1687.16c	1.037813e-03	4.014245e-04	-1.910716e-04	9.425489e-04
## SPNCRNA.160	1.598057e-04	8.325342e-05	-7.969142e-05	2.698100e-04
## SPATRNAALA.01	1.229345e-03	-1.280048e-04	7.976307e-04	1.339926e-03
## SPAC1687.17c	-1.686397e-03	1.011324e-03	-3.142892e-03	5.417890e-04
## SPAC1687.18c	-1.255561e-03	2.114628e-03	-1.995708e-03	-9.883238e-04
## SPAC1687.19c	3.799014e-03	-2.385523e-03	-1.659335e-03	-2.937957e-03
## SPAC1687.20c	-1.277952e-03	1.735136e-03	-8.897573e-04	3.602870e-03
## SPAC222.03c	-7.802296e-04	1.384975e-03	-5.630464e-03	7.336150e-03
## SPAC222.19	-8.935217e-04	1.021388e-03	-1.839473e-03	6.094394e-04
## SPAC222.04c	-4.808713e-04	1.969599e-03	1.800099e-03	6.238729e-04
## SPAC222.06	9.021714e-04	-4.279856e-03	1.240334e-03	-3.267636e-03
## SPAC222.07c	-3.411416e-03	5.023624e-03	-3.343543e-04	-8.225080e-03
## SPAC222.08c	-9.633532e-04	3.956382e-03	1.192147e-04	-4.738659e-03
## SPSNRNA.02	1.111924e-01	1.321917e-01	-7.487499e-03	1.223503e-03
## SPAC222.17	-7.441206e-04	2.951355e-03	1.679872e-03	-1.271416e-03
## SPNCRNA.701	-6.249175e-04	5.463998e-04	1.843434e-04	-5.943512e-04
## SPAC222.15	-1.179955e-04	6.492154e-05	-3.851115e-04	1.155611e-03
## SPAC222.18	-4.750583e-04	2.184240e-03	5.846362e-04	-3.729563e-04
## SPAC222.16c	1.108044e-03	7.621689e-04	-2.770283e-03	-1.804068e-03
## SPAC821.05	8.626097e-04	-1.606029e-03	1.365092e-02	6.721470e-03
## SPNCRNA.702	-3.812807e-04	-2.015832e-04	-9.395768e-06	-3.718910e-04
## SPAC821.06	2.749301e-03	-2.514891e-03	1.105412e-03	3.049806e-03
## SPNCRNA.703	3.923570e-05	1.218282e-03	-1.795216e-03	-3.028860e-03
## SPAC821.08c	1.553735e-02	6.779960e-03	5.807876e-03	4.713653e-03
## SPAC821.09	5.951911e-03	4.991724e-02	-1.962825e-02	-1.975282e-02
## SPAC821.10c	2.515177e-02	-6.656058e-02	-8.538971e-02	8.261575e-03
## SPAC821.12	-4.599668e-03	4.595689e-03	-2.648779e-03	1.913190e-03
## SPNCRNA.220	1.314918e-04	7.493912e-05	1.748651e-04	-1.668726e-04
## SPAC139.01c	-1.595108e-03	3.869976e-03	-5.095894e-04	-1.468333e-03
## SPNCRNA.704	6.488704e-04	1.101748e-03	6.009077e-04	-4.880074e-04
## SPAC139.02c	1.424613e-03	2.376098e-03	-6.726020e-03	2.921388e-03
## SPAC23C4.03	3.133888e-03	3.314453e-03	-1.637574e-02	-1.025163e-02

## SPAC23C4.05c	4.948959e-04	2.165202e-03	-1.968203e-05	-2.419107e-03
## SPAC23C4.06c	-8.238566e-04	-9.189533e-04	1.940928e-03	4.192951e-04
## SPAC23C4.09c	-5.189561e-03	-8.905500e-04	-4.664643e-03	2.590561e-03
## SPAC23C4.10	-1.000953e-03	-7.315856e-04	-2.572668e-03	-1.108437e-04
## SPAC23C4.11	-3.701291e-03	-3.488695e-03	-2.516209e-03	-2.027318e-03
## SPAC23C4.13	6.060326e-04	1.749412e-03	2.316407e-03	2.916702e-03
## SPAC23C4.14	3.238774e-04	3.742441e-03	1.957253e-03	-2.453083e-03
## SPAC23C4.15	-2.351593e-03	-1.015553e-03	-4.136252e-03	-4.401366e-03
## SPAC23C4.17	3.713594e-03	-6.555365e-03	-5.037293e-03	-6.965340e-03
## SPAC23C4.18c	1.011964e-03	6.484176e-04	5.928282e-04	-6.460321e-04
## SPAC1A6.01c	9.017114e-04	-2.319374e-03	-1.936809e-03	-1.598523e-03
## SPAC1A6.02	4.682180e-03	-2.039421e-03	-7.318676e-03	5.842779e-03
## SPAC1A6.03c	6.241634e-03	9.503611e-03	1.305130e-03	-4.601451e-03
## SPAC1A6.04c	3.447951e-02	-2.103814e-02	-4.936070e-03	2.949191e-02
## SPNCRNA.710	9.335695e-04	-1.882076e-04	-2.122273e-04	-2.733233e-04
## SPAC1A6.06c	7.679430e-04	3.497792e-04	-7.266056e-06	1.311692e-04
## SPAC1A6.08c	6.452942e-04	1.158764e-04	1.033026e-03	-4.494268e-04
## SPAC30D11.14c	8.073856e-04	4.791928e-03	-3.290324e-03	-2.816889e-03
## SPATRNASER.01	2.574781e-03	-4.968513e-03	-7.865269e-03	-4.919147e-03
## SPATRNAMET.01	-1.166154e-03	-1.234371e-03	1.915534e-04	-6.061161e-05
## SPNCRNA.711	4.239458e-04	-1.175959e-04	6.387388e-04	5.527266e-05
## SPAC30D11.07	-1.275440e-04	1.054613e-03	1.370679e-03	-9.897872e-04
## SPAC30D11.06c	-4.008319e-04	-1.699133e-04	-1.963149e-03	-1.154818e-03
## SPAC30D11.05	1.670374e-03	-2.776443e-05	-2.334904e-03	-2.252538e-03
## SPAC30D11.02c	-2.678999e-04	2.618087e-05	3.042566e-04	1.837115e-04
## SPAC56F8.02	-2.071443e-03	-8.159437e-03	4.475179e-04	-7.202079e-04
## SPAC56F8.04c	-2.575245e-03	7.002007e-04	-1.955386e-04	-3.911105e-04
## SPAC56F8.06c	1.482571e-03	-1.647573e-03	-2.489658e-04	2.043310e-03
## SPAC56F8.09	-1.283191e-03	-6.728073e-04	-8.664971e-03	-2.783813e-03
## SPNCRNA.716	1.417204e-03	-6.813686e-04	-2.063817e-03	1.739233e-04
## SPAC56F8.12	-7.735574e-05	-1.009276e-04	7.124442e-04	-1.312523e-04
## SPAC56F8.16	-1.646548e-03	4.358290e-03	-5.583103e-03	2.535908e-03
## SPAC22A12.02c	-1.999445e-05	-2.206812e-04	1.812702e-05	-3.907083e-04
## SPAC22A12.04c	6.031626e-03	-1.548042e-02	-1.702709e-03	1.465464e-03
## SPNCRNA.717	3.068118e-04	-1.702662e-04	-3.744414e-04	2.241869e-04
## SPAC22A12.07c	1.292583e-02	-3.606643e-03	7.253950e-03	5.041417e-03
## SPAC22A12.08c	1.229382e-03	3.755170e-03	8.548997e-04	-7.163537e-03
## SPAC22A12.10	-9.411823e-03	4.749482e-03	-6.014337e-03	-8.645515e-04
## SPAC22A12.09c	-9.080054e-04	1.980714e-03	1.528555e-03	5.083997e-04
## SPAC22A12.11	8.137889e-03	2.465084e-03	5.389429e-03	-1.054104e-02
## SPAC22A12.12c	-4.057548e-04	1.606807e-04	2.660970e-03	-1.238186e-03
## SPAC22A12.14c	1.267533e-03	2.263596e-03	2.641167e-03	1.442315e-03
## SPNCRNA.719	1.944186e-04	2.936117e-04	1.413392e-04	4.018462e-05
## SPAC22A12.17c	-3.559928e-03	4.844112e-02	4.054816e-02	-5.381011e-02
## SPNCRNA.168	2.319443e-04	2.749615e-04	1.170495e-04	-2.035826e-04
## SPNCRNA.720	7.363553e-04	6.039424e-05	7.618693e-04	-6.641398e-04
## SPNCRNA.721	-4.022289e-04	3.521752e-05	-7.485072e-04	1.968660e-04
## SPAC4C5.02c	-1.118558e-04	-1.425888e-03	-5.564017e-03	-7.541917e-04
## SPAC4C5.03	-3.610000e-03	-1.520245e-03	-3.617637e-03	8.257587e-04
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	-5.972632e-03	3.850607e-02	-2.538049e-03	-4.368244e-02
## SPNCRNA.724	1.601835e-03	1.632509e-03	2.339850e-04	-2.786662e-04
## SPAC10F6.02c	7.030010e-03	-2.629579e-04	4.727690e-03	4.392131e-04

## SPAC10F6.05c	3.697611e-03	6.717150e-04	3.271534e-03	3.004048e-03
## SPNCRNA.725	2.611578e-04	1.441122e-03	3.381478e-04	1.080509e-04
## SPAC10F6.10	7.329192e-04	-7.487646e-05	-4.987492e-04	-3.365498e-03
## SPNCRNA.726	-1.421399e-04	1.513780e-04	4.633544e-05	5.435604e-04
## SPAC10F6.15	-1.271825e-03	-9.922909e-04	-6.515471e-04	6.058528e-05
## SPNCRNA.432	-4.862448e-05	7.327754e-05	1.544391e-04	7.917999e-05
## SPAC10F6.17c	4.547413e-03	1.198773e-03	3.066464e-04	2.719765e-03
## SPAC56E4.03	1.221386e-02	3.988826e-03	8.229676e-04	1.506457e-02
## SPAC56E4.07	-3.277248e-03	4.547955e-03	3.824600e-03	-2.355576e-03
## SPNCRNA.730	-2.221491e-04	-1.167371e-04	1.049627e-04	-7.052420e-04
## SPAC1420.02c	-3.068131e-03	4.813065e-03	-1.763276e-02	7.394267e-04
## SPAC1420.03	2.740132e-03	5.025273e-03	-4.216406e-03	-3.283697e-03
## SPAC1420.04c	3.843050e-05	-1.754205e-04	-5.203922e-04	7.970800e-04
## SPNCRNA.731	1.047140e-04	-3.690112e-04	5.590364e-05	2.747124e-05
## SPAPB17E12.02	3.422263e-04	-2.044005e-05	-6.133560e-04	3.852394e-04
## SPAPB17E12.03	-7.650944e-04	2.017975e-03	-6.877622e-05	-2.842072e-03
## SPAPB17E12.05	-1.282551e-02	-2.941666e-03	8.397219e-03	-7.066934e-03
## SPAPB17E12.11	2.429133e-06	-3.025744e-03	1.287983e-03	6.993511e-04
## SPNCRNA.732	-6.753369e-05	-4.160801e-04	-6.757338e-05	-8.946926e-04
## SPNCRNA.733	6.054210e-04	-8.199899e-05	1.152733e-04	-8.701218e-04
## SPAC1565.03	9.078721e-05	7.813730e-04	-4.069959e-04	-3.423596e-05
## SPAC1565.05	1.929863e-04	-3.685954e-03	-1.008012e-02	-4.085573e-03
## SPAC1565.06c	6.920137e-03	4.344724e-03	-1.612395e-04	-1.138712e-03
## SPAC1565.07c	-1.707592e-03	-2.951625e-03	-3.675927e-04	-3.781939e-03
## SPATRNAPRO.02	6.557254e-02	9.300825e-02	-2.664675e-02	-3.785647e-04
## SPSNORNA.53	-1.999090e-02	1.385556e-02	1.113736e-03	-1.207568e-02
## SPAC6F12.06	2.537445e-03	4.816826e-03	3.989501e-03	6.478223e-04
## SPAC6F12.07	3.348714e-03	-2.775806e-03	-2.688224e-03	-6.288237e-03
## SPAC6F12.08c	6.733191e-05	1.327023e-03	-2.762212e-03	-2.399482e-03
## SPAC6F12.09	-1.366095e-03	-1.327909e-03	-5.155100e-03	-2.674562e-03
## SPAC6F12.12	-1.734920e-03	1.286839e-03	-1.189342e-03	1.704187e-03
## SPAC6F12.13c	-1.456248e-03	9.812097e-03	-3.675189e-03	-3.605632e-03
## SPAC6F12.15c	4.645878e-05	-1.166593e-03	-2.852853e-03	-2.247942e-03
## SPAC19E9.01c	-6.782181e-04	-4.649294e-03	2.930123e-04	-1.651613e-03
## SPAC19E9.02	-1.308591e-03	-4.636498e-04	3.792393e-04	1.428223e-03
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	-5.739314e-04	2.754435e-04	-4.875068e-04	-1.323382e-04
## SPAC19E9.03	-2.629171e-03	-3.717778e-04	-1.354841e-03	6.385110e-03
## SPAC57A10.03	-2.699282e-03	1.089413e-03	-3.836611e-04	-2.988777e-03
## SPAC57A10.05c	-1.600404e-03	1.008407e-03	-1.303193e-03	3.154173e-04
## SPAC57A10.06	6.970286e-04	-6.739922e-05	-8.759427e-05	4.880748e-04
## SPAC57A10.07	2.565000e-03	2.260718e-03	4.186707e-03	9.225363e-04
## SPAC57A10.08c	-1.217512e-03	2.752517e-03	2.008931e-03	-3.543877e-04
## SPAC57A10.09c	2.095881e-03	3.286865e-03	9.056601e-03	-3.389343e-03
## SPAC57A10.12c	7.872270e-03	-2.679868e-03	-9.489309e-04	1.766258e-03
## SPAC20G8.04c	1.073562e-02	-6.030999e-03	4.026774e-03	2.763891e-03
## SPAC20G8.05c	1.102968e-03	8.467561e-03	-6.748618e-04	5.737397e-03
## SPAC20G8.06	1.250911e-02	-1.437667e-03	-6.192495e-03	-1.610826e-02
## SPAC20G8.08c	4.074422e-04	-3.708725e-04	-1.334983e-03	3.183716e-03
## SPAC20G8.09c	1.117407e-02	1.046144e-02	-2.491712e-03	-1.148293e-02
## SPAC20G8.10c	-7.900522e-04	9.186465e-05	-7.192465e-05	-7.692127e-04
## SPAC3A12.04c	-8.516991e-04	1.441506e-03	-4.483880e-04	1.006428e-03
## SPAC3A12.19	4.027372e-04	-2.003543e-04	1.462997e-03	4.383717e-04
## SPAC3A12.07	-5.778263e-04	-4.871963e-03	-7.771752e-03	1.631071e-03

## SPNCRNA.741	1.750054e-04	1.942522e-04	-3.417673e-05	-2.277836e-04
## SPAC3A12.11c	-7.917958e-05	-3.637017e-03	-7.005534e-03	2.625241e-03
## SPAC3A12.14	7.431229e-03	2.149621e-03	1.452143e-03	1.916536e-03
## SPAC3A12.15	4.254728e-06	4.422838e-03	-4.479896e-03	-2.872016e-03
## SPSNORNA.48	-3.495107e-05	2.604639e-05	-2.219952e-05	2.869431e-05
## SPAC3A12.18	1.103626e-02	5.591011e-03	5.740261e-03	3.331082e-03
## SPAC9.03c	4.843537e-03	-8.633383e-03	6.258653e-04	-4.043961e-03
## SPAC9.05	-4.616642e-04	3.024900e-03	-1.440579e-04	-4.944410e-03
## SPAC9.06c	1.321864e-04	2.611724e-05	-2.722446e-05	-3.597569e-04
## SPAC9.08c	1.914490e-03	-1.131004e-03	-2.647191e-03	1.424294e-04
## SPAC9.09	1.529057e-02	2.140622e-02	-4.934901e-03	-5.016643e-02
## SPNCRNA.743	1.189524e-03	2.760761e-04	-1.146450e-03	1.741512e-03
## SPAC9.10	-2.835538e-04	2.529625e-03	-2.148365e-04	-2.096182e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	-1.621727e-03	-1.133477e-03	-3.021551e-03	7.489188e-04
## SPAC5D6.10c	-6.866021e-05	-4.105636e-05	-9.626621e-05	-9.210282e-05
## SPAC5D6.09c	1.315279e-03	4.023261e-03	-9.624041e-07	-2.732161e-03
## SPAC5D6.07c	1.489974e-03	-1.436568e-03	1.020023e-03	-4.682562e-04
## SPAC5D6.04	2.778046e-03	-1.283475e-04	1.197665e-03	8.468060e-04
## SPAC5D6.02c	-9.600005e-04	8.123141e-04	5.343217e-04	-1.173653e-05
## SPAC57A7.10c	-2.021443e-03	7.610598e-03	3.334152e-03	-1.318057e-04
## SPNCRNA.174	3.330376e-05	1.026976e-04	7.638817e-05	-1.156294e-04
## SPAC57A7.08	3.202283e-03	3.120503e-03	-4.115193e-04	-3.241073e-03
## SPAC57A7.06	1.307392e-03	3.924553e-03	-7.138959e-03	-1.291314e-02
## SPAC57A7.04c	-6.842063e-03	1.002939e-03	-2.558607e-03	-1.206461e-02
## SPAC167.07c	-4.028050e-03	3.454605e-03	-3.284158e-04	-3.415292e-03
## SPAC167.05	-1.319619e-03	-2.128661e-03	-2.744248e-03	1.903293e-03
## SPAC167.04	1.842894e-03	1.974719e-03	1.678554e-03	2.422609e-03
## SPAC167.09	4.526624e-04	9.906545e-04	-1.741028e-03	8.403793e-04
## SPAC167.08	8.807365e-05	-6.375319e-05	-1.022615e-04	-1.515053e-04
## SPAC1705.03c	-1.685973e-02	3.922236e-02	3.280536e-03	-7.832521e-03
## SPNCRNA.80	-8.926453e-05	-1.598268e-04	-6.014459e-05	-1.167076e-04
## SPNCRNA.745	4.652658e-05	1.995973e-04	-3.873740e-04	-4.467299e-04
## SPNCRNA.81	-3.548799e-06	6.095892e-06	-1.456184e-05	-3.162585e-06
## SPAC23H4.17c	-2.221443e-03	-2.300088e-04	6.744433e-04	-3.624180e-03
## SPAC23H4.16c	-8.078494e-04	2.709680e-03	-3.162427e-03	-8.391577e-04
## SPAC23H4.15	-6.113004e-03	1.113833e-02	-6.044021e-03	-4.126964e-03
## SPAC23H4.21	1.083683e-03	-2.479684e-05	1.692911e-03	-2.209378e-04
## SPAC23H4.13c	5.132511e-04	-1.659565e-03	-3.548878e-04	1.332902e-03
## SPAC23H4.12	-3.213260e-03	-7.831739e-04	7.244755e-04	2.027309e-03
## SPAC23H4.08	-2.147629e-03	8.875901e-04	1.427337e-04	2.888322e-03
## SPAC23H4.07c	-3.635306e-03	-2.870211e-04	-5.409471e-03	-1.520647e-03
## SPAC23H4.05c	-1.225539e-04	-6.072679e-04	1.323010e-04	-4.462380e-04
## SPNCRNA.746	5.599520e-04	-2.297643e-04	-4.916130e-05	5.695776e-04
## SPAC23H4.04	-2.657521e-04	-6.792499e-04	-5.621957e-03	-4.274033e-03
## SPATRNATHR.01	2.380849e-04	-7.207739e-03	7.343256e-03	-9.464675e-03
## SPNCRNA.747	2.865858e-04	1.428122e-04	-4.385061e-04	7.167067e-04
## SPAP27G11.03	-9.885908e-04	-1.750057e-03	-2.304112e-03	6.295446e-04
## SPAP27G11.05c	3.255783e-03	-3.145198e-03	-6.016886e-03	-5.902364e-04
## SPNCRNA.749	-3.238467e-04	9.800243e-04	-2.269230e-05	-6.758665e-04
## SPAP27G11.09c	2.376143e-03	-1.807743e-03	-4.524508e-03	-3.364432e-03
## SPAP27G11.14c	-3.664886e-03	-1.025687e-03	-5.672005e-03	-2.092674e-03
## SPAP27G11.15	-5.680937e-04	-9.542791e-04	3.994719e-04	5.213446e-04
## SPAC343.01c	-6.409063e-03	2.772641e-03	-4.575708e-03	6.241085e-04

## SPAC343.03	4.759402e-04	1.493028e-03	-5.653989e-04	1.510959e-03
## SPAC343.04c	6.727460e-03	1.398861e-03	1.255525e-03	5.554119e-05
## SPAC343.05	-1.586429e-02	4.008411e-04	3.484416e-03	4.830530e-03
## SPAC343.08c	-3.952758e-03	4.104816e-03	1.426259e-03	9.938605e-04
## SPAC343.07	3.717320e-04	-1.887671e-04	1.626339e-04	1.803664e-04
## SPNCRNA.752	-7.081566e-04	2.704262e-04	3.110337e-04	1.051589e-03
## SPAC343.10	1.910639e-03	-9.282480e-03	-1.415886e-03	-7.571327e-03
## SPAC343.11c	-2.980562e-03	6.576846e-04	2.494239e-03	-2.848966e-03
## SPAC343.20	-3.434892e-03	3.532833e-03	6.191488e-03	5.229178e-03
## SPAC343.17c	1.221101e-03	2.174293e-03	-1.710068e-03	-5.516399e-03
## SPAC343.15	1.332076e-03	-6.107800e-04	-1.916066e-03	1.913394e-03
## SPNCRNA.754	2.317209e-06	3.595841e-06	1.793182e-06	1.274143e-05
## SPAC824.04	7.533327e-05	4.240306e-03	-6.338641e-04	-1.284659e-03
## SPAC824.05	3.142953e-03	-2.807875e-03	-2.053497e-03	2.334988e-03
## SPAC824.07	4.492760e-03	3.754842e-03	1.507697e-03	7.862225e-04
## SPAC824.08	-2.957110e-04	2.017391e-03	3.791242e-04	-2.814630e-03
## SPATRNLALS.01	1.395538e-03	4.166616e-04	6.091345e-03	-3.980913e-03
## SPAC664.03	2.141958e-03	-5.408372e-03	-6.544376e-03	1.978553e-03
## SPAC664.04c	6.053356e-03	-3.771111e-03	-5.446619e-03	-7.235199e-03
## SPAC664.07c	5.779591e-04	-2.234617e-03	-1.000089e-03	8.896968e-05
## SPAC664.08c	1.816914e-03	-3.921364e-04	-3.584022e-03	-2.127036e-03
## SPAC664.09	3.978647e-03	-2.845835e-03	2.101771e-03	-4.556400e-03
## SPAC664.10	4.950374e-03	2.441433e-03	4.660239e-04	-1.475844e-03
## SPAC664.11	-2.836641e-02	5.660189e-02	1.012887e-02	-9.920357e-03
## SPAC664.12c	-1.982274e-04	-6.912922e-04	-1.545482e-03	5.649672e-04
## SPAC664.14	9.699176e-03	5.795551e-03	-6.247022e-03	9.567258e-04
## SPNCRNA.758	2.855914e-05	4.489849e-05	-1.160890e-04	1.240270e-04
## SPACUNK12.02c	-4.189393e-04	8.422322e-05	-8.214795e-04	4.592887e-04
## SPAC105.01c	-4.397732e-04	2.034500e-03	-6.970997e-04	7.991850e-04
## SPAC17A5.18c	1.036985e-03	-3.275527e-05	-1.194765e-04	-8.937876e-04
## SPAC17A5.02c	1.325082e-03	-1.270571e-03	6.320406e-04	4.944904e-04
## SPAC17A5.03	-9.475472e-03	1.747376e-02	1.204431e-02	4.228080e-04
## SPAC17A5.04c	4.000177e-03	2.661922e-04	-3.395185e-03	1.949551e-03
## SPAC17A5.19	4.684343e-04	6.625074e-04	1.082431e-04	2.005659e-04
## SPAC17A5.06	7.166939e-04	8.674948e-03	-3.574547e-04	-4.887027e-03
## SPAC17A5.08	-6.748541e-04	2.715875e-03	2.793731e-03	-2.530602e-03
## SPAC17A5.10	-9.061023e-04	1.079816e-03	3.237283e-04	-8.951670e-04
## SPAC17A5.11	-5.194321e-05	6.392485e-04	-1.409013e-03	5.080575e-04
## SPAC17A5.12	-1.558307e-03	1.787013e-03	-2.427347e-03	-8.438817e-04
## SPAC17A5.14	2.268955e-03	-2.137892e-03	-4.996882e-03	1.021745e-02
## SPAC17A5.16	-1.796653e-03	2.147907e-04	3.278808e-03	5.129926e-03
## SPAC1610.01	1.018409e-03	6.476363e-04	-3.127105e-03	-2.346680e-03
## SPAC1610.02c	-3.365526e-04	1.297871e-03	6.163237e-04	6.216693e-04
## SPAC1610.03c	2.696461e-04	-6.497773e-04	4.184262e-04	1.985377e-04
## SPAC1610.04	-1.023525e-03	-3.321778e-03	-2.404373e-03	-1.553921e-03
## SPAC1002.02	1.433340e-04	4.392850e-04	3.456686e-04	1.499315e-03
## SPAC1002.03c	7.005808e-03	1.821228e-03	-3.536619e-03	-1.481794e-02
## SPAC1002.04c	-8.021167e-04	-6.627890e-04	-4.670336e-03	2.610266e-03
## SPAC1002.05c	-3.601724e-04	-1.418429e-03	-3.744005e-03	-6.948521e-05
## SPAC1002.09c	2.845489e-02	8.813912e-03	-1.342994e-02	2.931046e-03
## SPAC1002.12c	-3.171686e-03	-1.481517e-03	-1.172384e-03	8.188297e-03
## SPAC1002.20	9.769542e-04	3.036514e-04	1.729499e-03	-7.270806e-04
## SPAC1002.19	3.993834e-02	-4.231794e-02	2.522542e-02	3.684885e-02
## SPAC1399.04c	2.645312e-04	-1.479434e-03	-9.595663e-04	-6.338006e-05

## SPAC1399.03	-1.453789e-03	-1.050363e-03	2.773185e-04	-4.237112e-03
## SPAC1399.01c	-9.013813e-05	-6.205716e-04	-1.554468e-03	-8.643429e-04
## SPAP11E10.02c	3.335965e-04	9.686573e-04	-8.112161e-04	2.559686e-04
## SPAPB1A10.02	-1.905081e-04	3.486266e-04	-1.615582e-03	1.178107e-03
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	-4.710193e-04	5.202329e-04	4.944794e-03	-2.339316e-03
## SPAPB1A10.07c	1.597237e-03	-9.079513e-04	-1.821721e-03	-1.873078e-03
## SPNCRNA.767	2.847388e-04	1.729843e-03	3.707807e-04	-4.927440e-04
## SPNCRNA.768	-3.572792e-04	-2.079764e-04	-2.336152e-04	1.155235e-04
## SPAPB1A10.08	1.629709e-04	1.492540e-04	-1.077015e-03	2.585949e-03
## SPAPB1A10.10c	1.343223e-03	2.048002e-03	-2.599597e-03	-1.953426e-03
## SPAPB1A10.11c	-3.983583e-03	2.094736e-03	-2.587497e-03	-3.081872e-03
## SPAPB1A10.12c	1.635439e-04	5.440672e-03	1.985350e-03	7.132331e-05
## SPNCRNA.769	-9.500394e-04	-8.824012e-04	-7.671635e-04	1.630642e-04
## SPNCRNA.770	-4.718840e-04	3.947364e-05	-3.974076e-04	-3.266064e-04
## SPAC140.02	2.570085e-02	3.917362e-02	-5.046598e-02	3.260396e-02
## SPNCRNA.771	4.599239e-04	-1.621025e-04	-8.874325e-04	-9.793249e-04
## SPAC140.04	7.968455e-04	2.255308e-04	-1.007732e-03	1.606967e-04
## SPAC110.02	-2.218895e-03	4.735594e-03	-4.043709e-03	-3.612896e-03
## SPNCRNA.773	-2.349001e-04	1.122110e-04	-8.627897e-05	-5.770899e-04
## SPAC110.04c	-1.487913e-02	1.271957e-02	-4.520535e-03	7.394434e-03
## SPAP14E8.02	-4.656700e-03	1.065412e-02	-2.894151e-03	5.386098e-03
## SPAP14E8.03	-6.606792e-04	-2.011929e-03	-4.489191e-03	-1.811361e-03
## SPAP14E8.04	-4.207593e-04	-1.131523e-03	-8.566455e-04	1.378399e-03
## SPAP14E8.05c	2.003729e-03	1.963001e-03	2.641466e-03	-2.101952e-03
## SPAC3H1.03	-1.533088e-03	9.654501e-04	-1.477880e-03	-5.078339e-04
## SPNCRNA.775	1.657873e-04	2.495839e-04	2.058911e-04	8.816567e-05
## SPAC3H1.08c	2.668612e-03	1.325415e-03	-1.965289e-03	-1.031508e-03
## SPNCRNA.776	-3.474457e-04	-2.216333e-05	7.431703e-05	-1.437182e-04
## SPAC3H1.10	4.714616e-04	-4.822899e-04	-2.814971e-03	-1.979378e-03
## SPNCRNA.778	6.415326e-05	-1.955764e-04	-1.027343e-03	-1.072704e-03
## SPNCRNA.779	6.148939e-04	-7.827864e-05	7.839674e-04	6.911008e-04
## SPNCRNA.780	7.462843e-04	-9.370484e-04	-7.508484e-04	1.746332e-03
## SPNCRNA.782	-3.141339e-04	7.159502e-04	-1.068331e-03	5.872077e-04
## SPAC3H1.11	-4.689198e-03	8.860267e-03	-1.065067e-02	-7.518979e-03
## SPAC3H1.14	7.412531e-04	6.852332e-04	-1.491948e-03	-5.141203e-04
## SPAC9G1.05	-2.276688e-03	3.158978e-04	-7.502151e-06	-8.480441e-03
## SPAC9G1.06c	7.072571e-05	1.045095e-03	-2.607126e-03	4.324204e-04
## SPAC9G1.07	4.470337e-04	6.412681e-04	4.141115e-04	-1.512272e-03
## SPAC9G1.11c	3.495270e-03	-4.893375e-04	-7.390063e-03	4.170267e-04
## SPAC9G1.12	7.752908e-04	2.737213e-03	2.278570e-03	-5.016290e-03
## SPAC767.01c	8.054456e-03	-3.032438e-03	2.619627e-03	-1.515973e-02
## SPNCRNA.786	9.413164e-04	-9.094004e-04	-7.975018e-04	-6.953769e-04
## SPAC17H9.01	6.884167e-04	1.393678e-03	-1.870868e-03	-1.075257e-03
## SPAC17H9.05	7.027538e-04	-5.297969e-04	-9.647029e-03	3.088461e-03
## SPAC17H9.06c	-4.297512e-04	1.629464e-03	-3.047063e-03	1.290961e-03
## SPAC17H9.07	8.723931e-04	3.541581e-04	-4.612035e-03	-3.622500e-03
## SPAC17H9.08	-1.118115e-03	1.356779e-03	6.298987e-04	1.188490e-03
## SPAC17H9.11	-9.950786e-04	1.054785e-03	-2.910889e-03	-7.695942e-04
## SPNCRNA.788	-3.046965e-04	9.407158e-05	6.582220e-04	3.119820e-05
## SPAC17H9.18c	8.393454e-06	-5.313546e-05	-2.206660e-05	8.564169e-05
## SPAC17H9.19c	1.177593e-03	6.523692e-04	-1.250884e-04	-1.221907e-04
## SPAC607.02c	5.415601e-05	1.187042e-03	6.817645e-04	-6.150201e-04
## SPNCRNA.789	5.839940e-04	2.965937e-04	1.024580e-04	1.185739e-05

## SPAC607.07c	6.889247e-03	5.140775e-03	4.896475e-03	-2.709580e-03
## SPAC607.08c	9.524869e-04	4.811832e-03	1.712145e-03	-4.625742e-04
## SPNCRNA.186	9.179597e-05	5.856376e-05	3.514606e-05	2.062416e-04
## SPAC607.10	-7.356888e-04	-1.999450e-03	-5.385548e-03	5.501980e-03
## SPNCRNA.790	2.485706e-04	5.854127e-05	8.294214e-05	-3.404179e-06
## SPAC3C7.01c	1.738362e-03	-3.758880e-03	-6.674625e-03	1.325629e-03
## SPAC3C7.03c	2.437371e-04	3.351248e-04	-2.796969e-04	2.319613e-03
## SPAC3C7.04	-2.729044e-03	-2.614737e-03	-3.689581e-03	1.936037e-03
## SPAC3C7.05c	1.248181e-02	-3.373785e-03	3.706597e-03	-2.001669e-02
## SPAC3C7.06c	2.927124e-03	3.407016e-03	3.385670e-06	3.029228e-04
## SPAC3C7.07c	5.037421e-04	9.859801e-06	-2.787144e-03	2.658393e-04
## SPAC3C7.10	6.705468e-05	2.136863e-03	-3.653630e-03	-3.437112e-03
## SPAC3C7.11c	1.738730e-03	-4.942199e-03	-3.606927e-03	2.406942e-02
## SPAC3C7.12	-1.285316e-03	1.233929e-03	-3.258968e-03	-1.422400e-04
## SPAC3C7.13c	-2.982011e-03	4.960873e-03	3.815436e-03	-1.059676e-03
## SPNCRNA.792	1.170672e-04	-2.340419e-05	-1.434659e-05	6.080209e-04
## SPAC3C7.14c	5.918962e-02	1.956992e-02	2.359751e-03	2.209700e-02
## SPAC25A8.01c	8.282192e-05	6.617718e-03	-1.115019e-03	1.826717e-03
## SPAC631.01c	1.319259e-03	6.203461e-04	2.062234e-03	3.736331e-04
## SPAC20H4.01	1.697657e-03	3.598941e-03	-4.036943e-05	-5.292805e-03
## SPNCRNA.795	-3.998428e-06	1.072762e-03	-2.551980e-04	-3.769527e-04
## SPAC20H4.05c	-5.376080e-04	1.255268e-03	-1.609296e-03	-2.661894e-03
## SPAC20H4.06c	1.638350e-03	-3.415635e-04	-3.967095e-03	-3.962447e-03
## SPAC20H4.07	1.678441e-03	1.180465e-03	-1.200956e-03	-2.157714e-03
## SPNCRNA.796	2.617913e-04	2.842175e-05	7.515663e-05	1.339301e-03
## SPAC20H4.11c	-4.361680e-04	2.828074e-04	-5.369343e-04	7.496071e-04
## SPAC23C11.02c	7.161204e-03	-1.461953e-02	-8.866498e-03	2.188817e-02
## SPAC23C11.06c	-9.364790e-03	5.888278e-03	-5.953885e-03	-1.283571e-03
## SPNCRNA.798	-1.684388e-03	-3.968063e-04	1.195675e-04	6.371542e-04
## SPAC23C11.07	-2.851219e-05	2.739444e-04	3.298217e-04	-4.917323e-05
## SPAC23C11.12	-4.886989e-04	-7.193237e-04	-4.020171e-04	6.689096e-05
## SPAC23C11.13c	-2.462074e-03	5.828278e-03	1.143267e-04	-6.540984e-03
## SPNCRNA.187	-8.221433e-05	3.343543e-06	-2.546936e-05	-7.849506e-05
## SPAC23C11.16	5.566563e-04	2.794628e-03	8.100118e-04	-1.037012e-03
## SPAC13F5.03c	-4.836775e-04	1.540161e-03	-2.973885e-04	-1.136752e-03
## SPAC13F5.04c	-8.522767e-04	6.285381e-07	-1.351289e-04	-1.147501e-04
## SPAC13F5.05	-2.062065e-03	-3.727250e-04	-1.012940e-03	-2.203259e-03
## SPAC1783.01	-3.183183e-03	-4.938867e-04	-3.603775e-03	1.384930e-03
## SPAC1783.03	1.397663e-03	1.662367e-03	1.374159e-04	-1.652219e-03
## SPAC1783.05	5.443155e-03	5.896623e-03	-2.943473e-03	4.227890e-03
## SPAC18G6.03	-3.481315e-04	-3.755371e-03	1.553260e-04	-2.439818e-03
## SPNCRNA.805	-8.586787e-05	8.622938e-05	7.126369e-05	2.785382e-05
## SPNCRNA.188	-2.080158e-04	8.068993e-06	-1.815110e-04	-1.570144e-04
## SPAC18G6.15	1.350210e-03	3.376904e-03	5.311002e-05	-3.437277e-03
## SPAC13D6.01	-1.227855e-03	-9.799094e-04	7.518019e-04	-7.205277e-04
## SPNCRNA.807	1.464253e-04	-8.493046e-04	-2.038448e-03	1.892037e-03
## SPAC13D6.03c	-2.262014e-03	3.801321e-03	-2.460218e-03	-1.265326e-03
## SPAC4G9.04c	-4.041178e-04	2.897494e-05	7.101094e-04	1.904817e-03
## SPAC4G9.03	-2.672454e-03	-1.391734e-02	-2.158276e-03	3.601196e-03
## SPAC4G9.05	4.888384e-04	-2.132905e-04	-1.015149e-03	3.484367e-04
## SPAC4G9.06c	2.102827e-03	8.141834e-03	7.933562e-05	-7.726642e-04
## SPNCRNA.808	9.086653e-05	-5.825596e-05	-8.413858e-04	1.443963e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	3.206611e-03	5.225002e-03	7.490892e-03	5.192952e-03

## SPAC4G9.10	1.618337e-03	3.488154e-03	-3.294919e-03	2.326703e-03
## SPAC4G9.11c	3.472896e-03	8.558305e-04	1.169604e-03	2.939251e-03
## SPAC4G9.12	5.854964e-03	-7.185870e-04	1.431566e-04	2.786294e-04
## SPAC4G9.14	-1.515295e-03	-6.213052e-04	-1.386479e-03	-3.212974e-03
## SPAC4G9.15	-4.106094e-03	2.147296e-03	-3.996724e-03	-4.436466e-03
## SPNCRNA.809	6.369539e-05	-1.207141e-04	1.800359e-04	6.098294e-04
## SPAC4G9.19	-8.328052e-05	-5.325256e-04	-4.026295e-04	6.946594e-04
## SPAC4G9.20c	1.491509e-03	-7.941524e-04	-3.044239e-03	1.976139e-04
## SPNCRNA.810	9.944459e-04	5.725692e-04	2.264082e-04	6.384802e-04
## SPAC13G7.01c	2.824871e-03	-1.185957e-03	-3.826299e-03	-6.786305e-03
## SPAC13G7.02c	-9.354648e-03	-9.084778e-03	3.391144e-02	-7.704783e-02
## SPAC13G7.03	7.121004e-04	4.869302e-04	-1.788927e-04	1.050541e-03
## SPAC13G7.04c	-3.094589e-03	4.395501e-03	2.115269e-03	-1.398327e-03
## SPAC13G7.05	3.445889e-03	1.771863e-03	4.614425e-03	1.707541e-03
## SPAC13G7.06	1.224141e-02	7.634501e-04	5.544005e-03	-1.111317e-03
## SPAC13G7.10	6.533161e-04	2.212515e-03	-1.409231e-03	-7.465304e-04
## SPAC13G7.12c	1.145090e-03	-3.244855e-03	1.001529e-03	4.028802e-04
## SPAC13G7.13c	6.997025e-04	2.151068e-03	7.535936e-04	-7.380891e-04
## SPNCRNA.812	-1.959039e-03	1.309711e-03	-1.821016e-03	2.890517e-03
## SPNCRNA.813	6.928128e-04	-1.713969e-03	5.225392e-04	3.865801e-04
## SPAC6C3.03c	1.759548e-04	3.152484e-04	-2.180214e-04	-3.015001e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	4.720233e-04	-5.971786e-04	-1.176561e-03	3.008234e-04
## SPNCRNA.815	-7.350048e-04	-1.099330e-03	-2.112403e-04	5.920565e-04
## SPAC6C3.08	-1.735363e-04	-1.312100e-03	-2.705946e-03	2.398643e-03
## SPAC6C3.09	-1.079595e-04	-4.252521e-03	2.407189e-04	2.191776e-05
## SPNCRNA.816	2.557251e-04	-1.990741e-04	-1.885069e-04	-1.145619e-03
## SPAC17G8.03c	5.548745e-04	-1.234767e-03	-2.337283e-03	-6.265774e-04
## SPAC17G8.15	-9.488726e-04	1.374247e-03	4.255750e-04	2.546593e-04
## SPAC17G8.04c	-3.168432e-03	3.222898e-03	-3.718016e-03	7.265699e-03
## SPAC17G8.06c	2.316277e-02	5.190250e-02	1.880142e-02	-4.394406e-02
## SPAC17G8.08c	2.558095e-03	6.209074e-03	-7.442215e-03	-3.864772e-03
## SPAC17G8.11c	9.138942e-04	-3.412040e-04	-1.319734e-03	2.239187e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	-5.945215e-04	2.063940e-03	1.506899e-03	-2.038629e-03
## SPAC17G8.14c	2.104932e-03	-1.225310e-03	-2.073487e-03	-3.936840e-04
## SPNCRNA.818	1.209955e-04	1.244878e-04	-8.534181e-05	-5.337655e-05
## SPAC22H10.02	7.611100e-05	6.806844e-04	2.108669e-03	-4.117517e-05
## SPNCRNA.820	-1.532602e-05	1.104063e-04	7.626947e-05	-2.656002e-04
## SPAC22H10.04	5.684875e-04	4.098080e-03	-1.242620e-03	1.714784e-03
## SPAC22H10.05c	-2.607296e-03	4.334179e-03	-1.906232e-03	2.323222e-03
## SPAC22H10.06c	-2.397523e-05	-1.235289e-04	1.480032e-05	-3.834139e-05
## SPAC22H10.07	-1.944618e-04	1.638786e-03	-4.619851e-04	-3.504034e-03
## SPAC22H10.08	-2.218998e-03	3.750393e-04	-2.308994e-03	-6.722359e-03
## SPAC22H10.11c	1.287744e-04	-1.748426e-03	-8.426832e-05	-4.186346e-03
## SPAC22H10.12c	3.042397e-04	-3.852489e-03	1.951981e-03	4.414351e-03
## SPAC15F9.01c	8.375453e-05	1.066139e-04	3.831219e-04	2.050199e-04
## SPNCRNA.822	-1.097161e-04	8.361472e-05	-3.951559e-05	-1.872890e-04
## SPNCRNA.193	-1.192468e-06	4.098393e-05	-2.007424e-05	3.354691e-05
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	-6.367845e-04	7.012249e-03	4.006599e-03	-4.784407e-03

## SPAC6B12.04c	1.569811e-04	1.548186e-03	1.330814e-04	5.106228e-03
## SPNCRNA.824	3.450158e-04	1.514472e-04	2.837213e-04	-1.250184e-03
## SPAC6B12.05c	3.572604e-03	9.935620e-04	-1.377434e-03	-3.488852e-03
## SPAC6B12.06c	-2.741894e-04	-1.366079e-03	3.985405e-05	2.387308e-05
## SPNCRNA.194	1.998516e-05	5.865784e-05	-6.721031e-05	-3.819478e-05
## SPNCRNA.825	5.266604e-04	-1.001276e-04	-4.176122e-04	7.944790e-04
## SPAC6B12.19	7.391653e-04	2.750953e-04	-4.028025e-04	9.881636e-04
## SPAC6B12.09	9.105063e-04	2.290267e-03	-5.346552e-04	1.751879e-03
## SPAC6B12.10c	1.485271e-04	-1.973381e-03	1.281232e-03	2.651237e-03
## SPAC6B12.11	6.017228e-04	-8.330625e-05	4.854884e-04	4.493302e-05
## SPNCRNA.43	1.811265e-05	9.946841e-07	-4.927271e-06	-1.541147e-04
## SPATRNATHR.02	1.799944e-05	-7.197844e-03	2.587554e-03	6.416151e-03
## SPAC6B12.12	3.564354e-03	9.481833e-03	1.006372e-02	3.399333e-03
## SPAC6B12.14c	-3.709835e-05	1.126025e-03	-7.656967e-05	1.950273e-03
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	-1.569127e-05	2.158621e-05	-3.635460e-05	9.101824e-05
## SPAC6B12.16	-2.427108e-04	2.254833e-04	2.157943e-04	1.120313e-04
## SPNCRNA.827	-6.746868e-04	-1.048642e-03	1.825361e-04	2.619879e-04
## SPAC32A11.04c	-3.552309e-04	8.579054e-03	-5.930855e-03	-9.881876e-03
## SPAC32A11.01	8.527475e-04	6.079858e-03	-2.163256e-04	1.562625e-03
## SPAC32A11.03c	1.531010e-03	3.793333e-03	-6.086206e-03	-6.467377e-04
## SPAC19A8.15	3.847521e-03	9.585516e-03	-1.813924e-02	-8.725254e-04
## SPAC19A8.14	-3.257954e-03	-4.353054e-03	-1.928492e-03	-2.355544e-03
## SPAC19A8.16	3.814258e-03	2.994723e-03	-2.560957e-03	-9.116596e-03
## SPAC19A8.06	1.680455e-03	2.758834e-03	-2.333059e-03	2.527441e-03
## SPAC23H3.02c	4.471675e-06	4.596839e-03	1.300600e-03	6.413249e-04
## SPAC23H3.03c	-2.076283e-04	7.581564e-04	-2.273168e-03	5.083494e-03
## SPNCRNA.558	-1.997585e-06	8.633540e-06	5.227734e-05	-4.157907e-06
## SPNCRNA.830	3.699592e-04	4.204080e-04	-2.634572e-04	1.282739e-04
## SPAC23H3.07c	-4.665572e-03	9.274686e-04	-2.058151e-03	-2.284054e-03
## SPAC23H3.09c	1.528232e-02	6.955775e-03	-1.540423e-02	1.006626e-02
## SPATRNACYS.02	-4.373038e-03	4.166359e-03	2.357898e-03	-1.869868e-03
## SPAC23H3.10	-1.309525e-03	-1.442627e-03	-4.123930e-03	-2.401922e-03
## SPAC23H3.11c	-1.024587e-03	9.504754e-04	1.687392e-03	1.306927e-04
## SPAC23H3.12c	-1.389738e-03	1.039869e-03	-1.972328e-04	-8.597471e-04
## SPAC23H3.14	-1.324153e-03	-1.923692e-03	9.538797e-05	-2.293633e-03
## SPNCRNA.832	6.065702e-05	4.459048e-04	1.769528e-04	7.043271e-04
## SPAC25H1.02	-3.059750e-03	3.809542e-03	4.387086e-04	1.123657e-03
## SPAC25H1.03	1.465471e-03	4.678038e-04	4.929846e-03	1.680185e-03
## SPAC25H1.10c	3.909220e-03	-1.619797e-03	2.158463e-03	-1.671354e-03
## SPAC25H1.09	5.120047e-04	8.242805e-05	1.279433e-04	-5.433412e-04
## SPAC4A8.02c	2.184804e-03	4.917869e-03	-1.182153e-04	-1.673712e-03
## SPAC4A8.03c	2.386378e-03	4.787881e-03	1.551617e-03	-2.346345e-04
## SPNCRNA.834	-4.394732e-05	1.710124e-04	-1.336681e-03	-5.014017e-04
## SPNCRNA.835	-1.592848e-04	-4.596860e-05	-3.255947e-05	-7.591631e-05
## SPAC4A8.06c	4.938972e-03	-1.962241e-03	-5.199608e-03	-1.320735e-03
## SPAC4A8.09c	-8.590124e-04	4.506961e-04	1.036932e-03	-3.038494e-03
## SPAC4A8.11c	-4.760699e-02	2.155954e-02	1.597332e-02	4.127371e-02
## SPAC4A8.13c	7.161446e-03	7.192106e-03	-1.082898e-02	6.260925e-03
## SPAC4A8.15c	-3.257139e-03	4.084601e-03	1.062579e-02	2.908280e-03
## SPAC4A8.16c	-2.136269e-03	-2.325294e-02	1.438416e-03	-7.664387e-03
## SPNCRNA.840	-6.888521e-04	8.161440e-05	2.658940e-03	-7.349247e-04
## SPAC823.02	-1.722106e-03	-1.149591e-03	-1.111245e-03	4.107337e-03
## SPAC823.04	3.206205e-03	1.145126e-03	-2.893935e-03	-2.744784e-03

## SPAC823.05c	2.902935e-03	2.844989e-03	-4.265054e-03	5.454879e-04
## SPAC823.06	-4.434896e-04	-3.842621e-04	-6.475959e-04	-1.278414e-03
## SPAC823.08c	2.235801e-03	2.008769e-04	-2.462768e-03	-7.552446e-04
## SPAC823.09c	1.214357e-03	-1.340699e-03	-1.952160e-03	-2.353739e-04
## SPAC823.10c	4.930977e-04	-4.930104e-04	-2.691482e-06	1.567445e-03
## SPAC823.15	-1.440835e-03	-2.269273e-03	-1.841023e-04	-3.138950e-04
## SPAC7D4.13c	-6.777786e-04	1.841084e-03	-7.991093e-04	-1.238966e-03
## SPAC7D4.12c	1.793450e-03	8.460978e-05	4.146442e-03	2.659682e-04
## SPAC7D4.10	1.464343e-03	1.666931e-03	3.014273e-03	-5.871323e-04
## SPNCRNA.842	-2.029579e-04	-5.712168e-05	4.420065e-05	-1.389488e-04
## SPAC7D4.15c	6.584486e-04	1.479319e-03	1.930492e-04	5.199469e-04
## SPAC7D4.07c	2.008230e-02	4.124802e-04	-4.629125e-05	1.627774e-02
## SPSNORNA.12	-1.703108e-03	-5.718853e-03	2.014225e-02	-4.880243e-02
## SPAC7D4.05	-7.751219e-04	-2.655231e-03	-2.628520e-03	2.773510e-03
## SPAC7D4.02c	8.803884e-04	-3.107598e-05	-8.417649e-04	-8.395878e-05
## SPAC4F8.13c	-1.296550e-03	8.341848e-03	-3.406375e-03	-3.751429e-03
## SPAC4F8.11	3.772390e-03	-2.026752e-03	8.631017e-04	3.905921e-03
## SPAC4F8.08	6.675902e-05	-5.866274e-04	-2.347166e-04	1.495240e-04
## SPNCRNA.201	-8.960086e-05	1.276524e-04	-8.796159e-05	-1.175810e-04
## SPAC4F8.06	1.618138e-03	-1.898279e-03	1.280051e-04	-2.934999e-04
## SPAC4F8.05c	-2.579629e-04	2.557325e-03	1.587239e-04	1.507572e-03
## SPAC4F8.04	-7.468871e-03	-3.166129e-03	4.745090e-03	4.373680e-03
## SPAC644.06c	-3.158907e-03	9.442312e-04	-3.444946e-03	-1.293977e-03
## SPNCRNA.844	4.070622e-04	3.240473e-05	-1.392089e-04	-5.202746e-04
## SPATRNALYS.04	-6.756484e-04	7.086254e-04	6.959258e-04	1.041155e-03
## SPAC644.07	2.058334e-03	7.184060e-04	5.167995e-03	-6.478549e-04
## SPAC644.09	2.044456e-03	5.733384e-03	-9.323367e-04	1.639624e-04
## SPAC644.10	-1.521821e-03	-1.004582e-03	-8.072657e-04	-1.433925e-04
## SPAC644.12	7.627293e-04	-1.857516e-03	-5.145464e-03	-4.264819e-03
## SPAC644.13c	-2.113887e-03	3.108164e-03	2.132709e-03	1.661220e-03
## SPAC644.17c	-2.062241e-03	-5.372661e-03	-3.729983e-03	-2.213249e-03
## SPNCRNA.198	6.599994e-05	-1.626033e-05	-9.926426e-05	3.328409e-06
## SPAC644.18c	-3.968914e-04	-1.290790e-03	5.886097e-05	7.098117e-04
## SPAPB2B4.01c	9.241966e-04	-1.323107e-03	-3.606574e-04	1.256864e-03
## SPSNORNA.54	1.358978e-04	7.631712e-03	8.199965e-03	4.474112e-02
## SPNCRNA.846	2.460595e-04	4.692222e-04	-9.655341e-05	-9.164670e-04
## SPAPB2B4.05	2.262405e-03	-6.109621e-04	-9.000482e-04	-3.077636e-04
## SPAPB2B4.06	-1.154509e-04	-1.879068e-03	-6.521719e-05	-6.216525e-04
## SPAPB2B4.07	-1.738521e-03	4.103797e-03	-2.021170e-03	-7.638145e-04
## SPAC6F6.01	-1.601925e-03	7.271341e-03	1.554772e-03	3.639559e-04
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-1.997944e-04	-1.407941e-05	5.742159e-05	-7.463947e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-2.981730e-06	-1.710456e-04	7.005081e-05	-5.359141e-05
## SPAC6F6.05	-2.396912e-03	3.348391e-03	4.622323e-03	9.981018e-03
## SPAC6F6.06c	3.191434e-03	2.162414e-03	-9.445764e-03	-8.360215e-04
## SPAC6F6.07c	-2.442219e-02	-2.688740e-02	-2.826436e-03	-5.799002e-03
## SPAC6F6.12	-3.240104e-04	2.072969e-03	4.482251e-04	-5.759721e-03
## SPNCRNA.850	1.717164e-04	3.298130e-05	3.896995e-04	-1.522117e-05
## SPNCRNA.851	-5.232932e-04	1.975737e-04	7.291007e-05	-8.935138e-04
## SPAC6F6.19	1.225033e-04	-1.114090e-04	1.176518e-03	-2.694601e-05
## SPAC6F6.15	1.838225e-04	-1.876497e-03	1.504426e-03	-2.905176e-03
## SPAC6F6.16c	1.133350e-04	6.214458e-06	-4.007706e-03	-1.957071e-03
## SPAC1805.01c	2.818727e-03	5.467479e-03	2.455619e-03	-7.542852e-03

## SPAC1805.02c	2.012688e-03	9.821308e-04	-6.442477e-03	-7.412770e-03
## SPAC1805.06c	4.109408e-03	6.722229e-03	1.278572e-02	-6.081735e-03
## SPNCRNA.853	1.861214e-04	-1.515802e-04	-3.115079e-04	-8.261540e-06
## SPAC1805.07c	-7.069353e-04	2.615950e-04	-5.486426e-04	3.750017e-05
## SPNCRNA.854	1.093005e-03	2.891833e-04	-2.820693e-03	2.233186e-03
## SPAC1805.08	7.767321e-04	-2.021306e-03	-7.908175e-05	7.386320e-04
## SPAC1805.18	4.204143e-04	-9.388429e-05	6.302796e-04	-5.666079e-04
## SPAC1805.09c	4.946938e-04	2.071671e-04	-1.747257e-03	8.713343e-04
## SPAC1805.10	-7.874539e-04	9.025746e-04	1.712984e-03	5.558358e-04
## SPAC1805.12c	1.169237e-02	2.804950e-03	-2.360273e-02	-2.271542e-02
## SPAC1805.13	-2.723302e-02	2.220137e-03	2.030109e-02	4.340966e-03
## SPATRNALEU.02	-1.893211e-03	-1.084915e-02	8.822893e-03	-1.565660e-02
## SPAC1B2.02c	-1.147800e-03	-5.188199e-03	-6.967873e-03	-3.567883e-03
## SPAC1B2.03c	-1.680952e-02	3.363576e-04	-4.539945e-03	1.342033e-02
## SPAC1B2.04	6.392066e-03	-6.630756e-03	3.537519e-03	3.036743e-03
## SPAC1B2.05	1.702333e-03	3.221212e-03	-7.648399e-03	-3.345665e-03
## SPAC3F10.03	-1.145980e-02	1.749435e-02	7.082205e-04	-5.074692e-03
## SPAC3F10.04	-1.813674e-03	-2.199958e-04	-1.487431e-03	-3.955655e-04
## SPAC3F10.06c	4.162859e-04	-1.144146e-03	-2.705042e-04	-1.793298e-04
## SPNCRNA.855	1.899838e-04	9.513632e-05	2.659639e-04	1.355561e-04
## SPAC3F10.09	-1.346720e-03	-3.241266e-03	-7.740662e-03	6.203737e-03
## SPAC3F10.11c	5.141748e-05	2.027666e-03	9.707101e-03	1.816788e-03
## SPATRNNATHR.03	-2.833903e-03	-1.056248e-02	6.608427e-03	-6.881101e-03
## SPAC3F10.15c	-8.508293e-04	4.450045e-03	1.057471e-03	5.894995e-03
## SPAC3F10.13	-2.662834e-03	2.708273e-03	1.071300e-03	-6.792081e-05
## SPAC3F10.16c	-3.649629e-03	-7.029612e-03	2.328540e-03	3.398894e-03
## SPAC3F10.17	3.399243e-03	2.223680e-03	-4.489538e-03	-3.369543e-03
## SPAC3F10.18c	-3.264739e-03	2.852598e-02	-2.004461e-02	4.044684e-02
## SPAC8F11.03	7.097232e-04	1.698344e-03	-1.293224e-03	-9.151400e-04
## SPNCRNA.856	-4.039188e-06	1.339576e-04	-2.584542e-04	2.645920e-04
## SPAC8F11.04	3.690943e-03	-3.482497e-03	-9.908128e-03	-8.271634e-03
## SPAC8F11.08c	-1.869600e-02	-6.379823e-03	7.325504e-03	2.762779e-03
## SPAC8F11.09c	-2.187297e-03	-2.208070e-03	-1.389543e-03	1.439690e-03
## SPNCRNA.857	3.256690e-04	-1.920489e-04	-4.871736e-04	-2.840040e-04
## SPACUNK4.17	-1.103397e-01	9.197388e-02	-2.490657e-02	2.717659e-02
## SPACUNK4.19	7.189479e-06	7.416675e-04	8.434869e-04	1.394309e-04
## SPACUNK4.16c	-1.959408e-02	2.485009e-03	-7.014055e-03	3.011147e-03
## SPACUNK4.15	4.118655e-03	2.775447e-04	1.189093e-03	4.640441e-03
## SPACUNK4.14	2.130016e-03	1.329992e-04	-1.135801e-03	-1.104028e-03
## SPNCRNA.56	-2.346798e-04	3.780134e-04	-4.961950e-04	5.686096e-05
## SPACUNK4.12c	-1.755689e-03	5.421161e-03	1.051879e-02	-5.660543e-03
## SPACUNK4.11c	-5.849802e-04	-1.356791e-04	-2.213459e-03	-2.530661e-03
## SPACUNK4.20	1.078199e-03	-5.185503e-04	3.278798e-04	1.622536e-03
## SPACUNK4.09	1.050031e-04	5.174200e-04	-2.337718e-03	2.367176e-03
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	3.604322e-03	4.620562e-03	-2.870069e-03	-3.808128e-03
## SPAPYUK71.03c	5.374165e-03	3.672963e-03	1.183900e-02	-3.402630e-03
## SPNCRNA.209	1.086392e-04	-1.290994e-04	-6.783410e-05	-2.155933e-04
## SPAC513.04	-1.006307e-04	-2.721589e-04	-1.626328e-04	-1.978474e-04
## SPAC513.06c	3.772617e-03	1.823786e-02	5.543691e-03	-1.039821e-02
## SPAC513.07	3.268502e-02	1.618797e-02	3.452030e-02	-1.386030e-02
## SPAC2E1P3.02c	-3.705371e-04	8.085155e-04	1.754322e-04	-3.362590e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	3.623568e-04	-6.935348e-06	-9.695266e-05	-1.796129e-04

## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-4.580939e-03	9.043561e-03	-9.736667e-03	5.627512e-03
## SPNCRNA.861	-2.796761e-04	1.453504e-04	-1.299669e-03	-8.960615e-04
## SPNCRNA.862	-1.278674e-03	3.396772e-05	-1.923589e-03	-2.032570e-03
## SPNCRNA.863	1.803227e-03	6.861667e-03	-5.818180e-03	-1.000674e-03
## SPAPB24D3.01	1.117416e-03	2.942694e-04	-2.495920e-03	-2.959998e-03
## SPAPB24D3.02c	-7.404359e-04	1.413161e-03	-2.995253e-03	1.275239e-06
## SPAPB24D3.03	-2.400855e-03	2.717773e-03	-1.791720e-03	5.583046e-04
## SPAPB24D3.04c	6.954501e-04	4.043962e-04	4.738655e-04	4.171104e-04
## SPAPB24D3.07c	6.358888e-03	3.850339e-04	5.341702e-03	1.463010e-02
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	-4.162627e-03	-4.176653e-03	-1.462861e-03	-3.654584e-03
## SPAPB24D3.10c	2.270182e-04	-1.647729e-03	1.185551e-03	1.674047e-03
## SPNCRNA.867	-1.099950e-04	1.390941e-03	1.361207e-03	-1.055727e-03
## SPNCRNA.868	2.392602e-04	1.743868e-04	1.762054e-04	6.538239e-05
## SPNCRNA.869	1.161764e-04	-2.178729e-05	1.184442e-04	2.980474e-04
## SPAPB1A11.04c	1.376223e-03	3.419188e-03	-1.694684e-03	1.211899e-03
## SPAC31G5.02	5.147003e-03	1.268123e-03	8.078345e-04	2.143289e-03
## SPNCRNA.870	1.108495e-04	-1.143074e-04	1.272497e-04	1.719924e-04
## SPAC31G5.04	3.035779e-03	4.756933e-03	-1.246532e-02	-5.020556e-03
## SPAC31G5.06	-5.038868e-04	3.814684e-04	-8.523758e-04	7.569767e-04
## SPNCRNA.871	-2.339875e-06	2.743326e-05	-4.686761e-04	-2.400096e-04
## SPAC31G5.08	-2.700677e-03	1.402154e-03	-7.233267e-03	-8.243980e-03
## SPNCRNA.71	-3.946349e-04	-9.239859e-05	-3.568318e-04	3.266234e-04
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	-2.337003e-03	-5.552242e-04	1.204878e-04	2.723741e-04
## SPAC31G5.11	8.886138e-03	-5.760470e-03	-2.848635e-03	7.682348e-03
## SPAC31G5.21	-6.637330e-04	-3.962280e-04	-5.011462e-04	2.725217e-04
## SPNCRNA.874	-2.630117e-04	2.974229e-04	-1.773811e-05	4.238745e-04
## SPAC31G5.14	-4.859531e-03	1.817280e-03	-4.641224e-03	-3.665627e-03
## SPAC31G5.16c	4.095766e-03	-2.698689e-03	-4.286395e-04	-3.939009e-03
## SPAC31G5.18c	8.710171e-04	9.596409e-04	6.827246e-04	-1.505871e-03
## SPAC31G5.19	2.611083e-03	1.833813e-04	-3.298325e-03	-8.049041e-03
## SPNCRNA.876	-7.328593e-05	2.464399e-04	2.005446e-04	1.023499e-03
## SPNCRNA.877	-4.126475e-04	3.838291e-04	-4.093411e-05	2.816093e-04
## SPAC1786.02	1.486342e-03	-4.811260e-03	4.242116e-03	1.143100e-02
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	3.950328e-04	-2.095082e-03	2.846000e-03	-1.257409e-03
## SPAC24C9.02c	1.335068e-03	1.905717e-04	-6.015572e-03	2.763942e-04
## SPAC24C9.04	-2.044316e-03	2.979201e-03	-1.448088e-03	-1.238853e-03
## SPAC24C9.05c	-3.331776e-03	-1.739293e-04	6.011932e-03	-4.636019e-03
## SPAC24C9.07c	4.422577e-04	1.018370e-03	-2.088606e-04	-1.216032e-03
## SPNCRNA.881	-2.352512e-05	3.395563e-04	-2.709141e-05	8.823151e-04
## SPNCRNA.882	-1.613148e-04	1.727195e-04	-1.232075e-04	-1.582407e-05
## SPAC24C9.08	4.527610e-04	8.065662e-03	-2.122290e-03	-1.218815e-03
## SPAC24C9.10c	7.068394e-06	2.950301e-04	3.049405e-04	2.641532e-03
## SPAC24C9.11	1.930246e-03	-5.480631e-03	-4.226228e-03	-3.622657e-03
## SPAC24C9.12c	-2.981158e-03	-1.785443e-03	-4.500476e-03	-6.366277e-03
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	8.113541e-04	-1.873580e-04	-1.914601e-03	1.453940e-03
## SPNCRNA.884	8.902317e-05	1.057482e-04	6.547999e-06	-1.704281e-04
## SPATRNALYS.05	7.108169e-04	-5.525195e-04	-6.130359e-06	2.303729e-03
## SPAC16A10.05c	-6.839928e-04	3.469904e-03	9.437638e-04	-1.427860e-03
## SPAC16A10.06c	-9.380168e-05	1.022926e-03	-1.261477e-03	-4.108959e-05

## SPAC16A10.07c	-5.866018e-04	2.488564e-03	-3.798975e-03	-6.886606e-03
## SPNCRNA.885	-1.418587e-03	1.206642e-03	-1.337757e-03	-2.331012e-04
## SPAC16A10.08c	-7.710012e-05	2.441928e-04	-3.019052e-04	-2.405912e-04
## SPAC589.03c	-9.966410e-04	-9.383349e-04	-9.055749e-04	1.805665e-03
## SPAC589.06c	-1.067145e-02	1.651327e-02	-3.424642e-03	6.698630e-03
## SPAC589.08c	5.828633e-04	1.192747e-04	-4.315939e-04	4.769046e-05
## SPAC589.11	3.636852e-04	4.563605e-04	-2.400937e-04	-9.242643e-04
## SPAC688.02c	2.705051e-03	-7.391013e-04	-1.084631e-03	-1.113106e-03
## SPAC688.06c	1.227700e-04	2.610604e-04	6.646213e-04	-3.980787e-04
## SPAC688.07c	-4.378597e-03	3.130396e-03	-6.567326e-03	3.501572e-03
## SPAC688.08	-2.138966e-03	7.793873e-03	-1.784377e-03	-2.520110e-03
## SPAC688.09	1.328883e-03	-8.487921e-04	-3.847323e-04	-3.406263e-03
## SPNCRNA.888	-4.455923e-04	3.041443e-04	-1.350032e-03	-6.551329e-04
## SPNCRNA.889	4.989844e-04	6.951058e-04	1.089591e-04	1.436177e-03
## SPAC688.13	2.520105e-03	-3.478383e-05	5.385439e-04	5.662584e-05
## SPNCRNA.890	-1.634581e-04	-3.833246e-04	-6.957774e-04	1.235212e-03
## SPAC688.14	-9.028145e-04	-8.293888e-04	-8.705300e-04	-1.431158e-03
## SPAC688.16	2.516795e-04	2.256148e-03	6.118995e-04	2.753280e-03
## SPNCRNA.891	5.294746e-04	9.171626e-04	1.924607e-04	-4.465093e-04
## SPAC3G9.15c	-8.448236e-04	1.281192e-05	5.007556e-04	-3.133655e-03
## SPNCRNA.216	5.116377e-06	4.239611e-05	1.600626e-05	5.425994e-05
## SPAC3G9.13c	-3.177659e-03	-1.776027e-03	-1.789250e-04	-7.935300e-05
## SPNCRNA.217	-2.331885e-05	-1.285178e-06	1.844761e-04	-4.761362e-05
## SPAC3G9.11c	-1.017531e-04	-2.111877e-04	-4.478038e-05	7.532740e-05
## SPAC3G9.17	-2.408057e-04	1.017243e-03	7.302915e-04	-7.215479e-04
## SPATRNNATHR.04	-3.722320e-03	1.502137e-02	4.936493e-02	-2.971154e-02
## SPNCRNA.218	-3.239057e-04	7.679193e-04	7.717260e-04	2.289755e-04
## SPNCRNA.892	1.400235e-04	-6.576605e-05	-1.704189e-04	5.015619e-04
## SPAC3G9.09c	1.464154e-02	1.969751e-03	-7.155972e-03	-7.217333e-03
## SPAC3G9.07c	3.198353e-03	-5.501268e-04	-2.757567e-04	-5.698691e-04
## SPAC3G9.06	7.664368e-04	4.998232e-03	5.185142e-03	-6.740945e-03
## SPAC3G9.03	1.362342e-02	2.917622e-02	-4.701152e-02	-1.843057e-04
## SPAC3G9.01	1.115741e-03	1.044166e-03	-2.158022e-04	-1.777924e-03
## SPAC1486.01	3.890546e-03	-1.205367e-03	-2.597407e-04	-3.197292e-03
## SPAC1486.05	1.640802e-02	1.229959e-02	-1.810738e-02	-1.037442e-04
## SPNCRNA.894	3.077519e-04	-2.843678e-04	-6.735259e-04	-4.977600e-05
## SPAC1486.11	1.342344e-03	-3.662142e-04	-2.307470e-03	3.135515e-04
## SPAC1486.07c	-1.339816e-03	-1.413561e-03	-1.431798e-03	1.930296e-06
## SPAC1486.08	-3.171681e-03	3.638267e-03	-3.721037e-03	5.656807e-04
## SPAC1486.10	-1.398259e-05	-2.790068e-03	-1.742804e-03	-8.494283e-04
## SPAC6G10.02c	-3.091700e-04	-7.026844e-03	-2.271152e-03	-1.802186e-03
## SPAC6G10.03c	3.915815e-04	-5.128340e-04	3.047079e-03	-2.426593e-03
## SPAC6G10.04c	6.140182e-03	-6.330925e-03	3.892556e-04	2.198754e-03
## SPAC6G10.05c	-4.170594e-03	9.953202e-03	-8.499710e-03	2.351859e-03
## SPNCRNA.896	4.336169e-04	1.156739e-03	4.534993e-04	3.864964e-04
## SPAC6G10.07	-4.059228e-03	-1.092900e-02	-5.321207e-03	-2.224593e-03
## SPAC6G10.08	1.145333e-02	4.104349e-03	-7.824618e-03	9.141824e-03
## SPAC6G10.09	-5.402058e-03	1.604048e-02	5.722869e-03	-4.964218e-03
## SPAC6G10.10c	-2.803645e-04	-1.008157e-03	-2.951685e-04	-8.275342e-04
## SPAC6G9.02c	4.837153e-04	-5.576778e-03	-5.420262e-03	-1.343291e-03
## SPAC6G9.03c	-2.570479e-03	-1.426695e-03	-1.838025e-04	-1.180020e-03
## SPAC6G9.09c	-7.901801e-03	6.931226e-03	-1.279219e-02	-1.024903e-02
## SPAC6G9.12	4.817217e-03	-2.623957e-03	8.326161e-04	-3.142520e-03
## SPNCRNA.899	1.628643e-05	-1.983354e-04	1.510978e-04	2.276723e-04

## SPAC6G9.15c	2.966908e-04	6.013455e-04	-3.126085e-03	2.996179e-03
## SPAPB1E7.01c	2.801826e-03	-1.116895e-03	1.661479e-03	1.403897e-03
## SPAC652.01	-8.436107e-04	5.287609e-04	1.269480e-05	2.224116e-03
## SPAPB1E7.03	2.186041e-03	1.524121e-03	-6.430745e-04	-3.804477e-04
## SPAPB1E7.04c	1.423372e-03	1.305066e-02	-1.223204e-02	8.208413e-04
## SPAPB1E7.06c	9.034270e-04	1.180811e-03	-8.016884e-05	1.506073e-03
## SPNCRNA.900	5.482096e-05	3.933584e-04	-4.786045e-04	6.126108e-04
## SPAPB1E7.07	2.206801e-02	2.162384e-02	1.259601e-02	-9.668531e-02
## SPNCRNA.901	-5.799525e-05	1.223120e-05	-2.298655e-04	8.806377e-05
## SPSNORNA.43	-2.235198e-07	4.337193e-06	2.294864e-06	-1.555090e-05
## SPAPB1E7.10	1.398145e-03	1.199366e-03	1.067965e-04	6.233518e-04
## SPAC2E1P5.01c	2.294108e-04	1.738998e-03	-4.581440e-03	-7.139017e-03
## SPAC2E1P5.03	-2.674687e-03	7.348683e-03	-3.946076e-03	-8.545093e-03
## SPAC2E1P5.05	-1.028955e-03	-7.195773e-03	-5.106229e-03	3.872940e-03
## SPAC26A3.02	-2.269413e-03	2.823590e-03	-7.727317e-03	2.169733e-03
## SPAC26A3.05	-2.700782e-02	-2.146639e-02	-3.916171e-02	-1.882828e-02
## SPAC26A3.08	1.271040e-03	-4.667438e-03	-2.070207e-04	1.159239e-03
## SPAC26A3.09c	2.584178e-03	3.046707e-03	-1.987195e-03	1.065430e-03
## SPAC26A3.10	5.838012e-04	8.379381e-03	6.127634e-03	-1.177513e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	2.508265e-03	7.818940e-04	2.659322e-04	-2.244722e-04
## SPAC8E11.12	4.547199e-05	-1.914352e-04	-2.904809e-04	-3.183039e-04
## SPNCRNA.903	3.060630e-04	-3.753273e-04	-2.231965e-04	1.152964e-03
## SPAC8E11.08c	4.710401e-04	-1.291384e-03	-2.843241e-04	5.025753e-04
## SPAC8E11.06	1.559081e-04	-2.633058e-04	2.764636e-04	-8.317671e-05
## SPAC8E11.04c	3.907648e-04	1.136555e-03	-2.293333e-03	-4.133319e-03
## SPNCRNA.904	4.445570e-04	-1.967633e-04	-1.367322e-03	3.102698e-05
## SPAC8E11.03c	-7.678466e-05	3.359970e-05	-1.528014e-05	-2.267352e-04
## SPAC8E11.02c	1.057221e-02	-4.768590e-03	-1.249258e-02	-4.821012e-03
## SPAC959.02	2.184989e-04	3.259577e-05	2.987644e-03	3.558735e-03
## SPAC959.03c	1.156081e-04	-1.111372e-03	2.377845e-03	-4.595715e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	1.046816e-03	-1.083834e-04	-1.187807e-03	-1.087510e-03
## SPAC959.05c	1.790364e-05	7.957130e-04	-7.780149e-04	-1.121002e-03
## SPAC959.07	-1.881873e-02	1.887802e-03	-4.692003e-02	-1.117986e-02
## SPAC959.09c	3.939571e-04	1.654856e-03	-2.000821e-04	3.673410e-04
## SPAP32A8.02	5.271246e-03	-5.920341e-04	5.166644e-03	7.653527e-04
## SPAP32A8.03c	1.707671e-03	3.344320e-04	2.728125e-04	2.784482e-03
## SPAC3H5.10	-1.149358e-02	-2.564878e-03	-3.169053e-02	8.271248e-03
## SPAC3H5.08c	-3.645826e-03	7.137299e-04	-3.425548e-03	-4.242073e-03
## SPAC3H5.06c	1.324808e-03	2.156004e-03	-4.517537e-04	1.143824e-03
## SPAC3A11.13	3.167916e-04	1.618530e-03	-3.131800e-03	4.313994e-03
## SPAC3A11.12c	2.136972e-03	-1.306308e-03	3.386944e-03	-9.812020e-03
## SPAC3A11.10c	1.098593e-03	2.088797e-03	5.502279e-03	-2.169550e-03
## SPAC3A11.09	4.511710e-03	-8.930332e-04	4.460679e-04	-3.805528e-03
## SPNCRNA.909	1.730928e-03	2.150158e-04	-5.734438e-04	8.724298e-04
## SPNCRNA.910	-4.991016e-04	5.781958e-04	4.132897e-04	-1.776228e-04
## SPAC3A11.05c	-1.163062e-03	2.869841e-03	-2.302371e-03	-8.219557e-04
## SPAC3A11.04	1.329545e-03	3.048613e-04	9.896171e-04	7.694565e-04
## SPAC3A11.03	8.495729e-04	-3.570726e-05	-2.612700e-03	-1.126987e-05
## SPAC3A11.02	1.673545e-03	1.705375e-04	-7.110650e-04	3.997895e-04
## SPAC328.04	-4.006091e-03	1.002296e-03	-4.761652e-03	1.317880e-03
## SPAC328.05	-8.310883e-04	1.275544e-03	-2.634428e-03	-1.138161e-03
## SPAC328.06	-8.248549e-03	-7.495236e-03	-6.490071e-03	-5.345206e-03

## SPAC328.08c	2.539332e-04	-3.862970e-04	8.718343e-04	6.828630e-04
## SPAC328.10c	-1.633998e-02	-2.338336e-02	2.465963e-02	-1.946661e-02
## SPNCRNA.222	-3.166216e-06	-1.061039e-05	7.510277e-05	-6.226081e-05
## SPAC16E8.02	-1.274153e-04	-5.951223e-04	-1.027877e-03	1.015897e-03
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	-8.952212e-05	-6.401210e-04	-4.277881e-04	-1.217659e-04
## SPAC16E8.06c	-4.672338e-04	4.994632e-03	2.232481e-03	-9.648523e-04
## SPAC16E8.07c	-2.261935e-03	-6.281587e-03	5.957763e-04	1.652731e-02
## SPAC16E8.09	2.339921e-03	-4.151854e-04	-1.728214e-03	2.008585e-03
## SPAC16E8.13	-7.394947e-05	-2.453405e-04	3.883637e-04	-3.002636e-04
## SPAC16E8.15	-1.053843e-02	2.992462e-03	-1.685421e-03	-4.339823e-03
## SPAC16E8.18c	2.691447e-04	-1.782696e-04	-1.998188e-03	1.267316e-03
## SPAC1B1.01	1.979007e-03	-7.727818e-04	-2.524122e-03	-3.703028e-04
## SPNCRNA.915	1.143849e-04	-3.252356e-06	3.087250e-04	1.823973e-04
## SPAC17A2.01	-3.868912e-04	1.943755e-03	-3.305022e-03	7.633603e-04
## SPAC17A2.02c	-3.874632e-03	5.110069e-03	-4.493953e-03	3.803174e-03
## SPAC17A2.04c	-8.801897e-04	-3.320278e-04	3.490925e-03	-1.964481e-04
## SPNCRNA.124	3.081884e-05	-7.131114e-06	-5.489443e-05	-4.997232e-05
## SPATRNNATRP.01	9.446012e-05	1.306056e-04	1.241279e-03	-9.740167e-04
## SPAC17A2.05	3.692556e-03	-7.553975e-04	-4.572728e-05	1.569130e-03
## SPAC17A2.06c	-1.722355e-04	-6.103818e-03	-3.474544e-03	1.833148e-03
## SPAC17A2.07c	4.664966e-04	-2.669782e-04	-1.862419e-04	1.911304e-04
## SPAC17A2.08c	2.890926e-04	-1.534161e-03	-2.576618e-04	3.257369e-03
## SPAC17A2.09c	1.107735e-03	4.182079e-03	-3.332241e-03	-1.329064e-03
## SPAC17A2.10c	-3.450364e-04	4.595637e-05	1.058385e-04	-8.937376e-05
## SPAC17A2.11	2.570004e-04	1.227945e-04	1.766142e-04	1.654819e-04
## SPNCRNA.920	1.364289e-03	2.938175e-04	-9.922070e-04	5.115087e-04
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	2.087844e-03	1.917210e-03	2.527452e-03	1.390769e-03
## SPATRNNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	2.818640e-03	3.055170e-03	1.232198e-04	-1.265561e-03
## SPAC17G6.05c	7.547164e-04	1.810305e-03	-5.516319e-04	-4.177029e-03
## SPAC17G6.06	8.962504e-03	1.850900e-02	-3.512118e-02	6.782480e-03
## SPAC17G6.08	-7.987920e-04	1.558541e-03	-9.914534e-04	2.701939e-03
## SPAC17G6.10	-4.029487e-03	-2.531190e-03	7.609026e-04	-3.615485e-04
## SPAC17G6.11c	2.565928e-03	3.179596e-03	2.820522e-04	1.251225e-03
## SPNCRNA.921	2.089244e-05	2.483017e-05	5.707520e-05	-1.534048e-04
## SPAC17G6.13	-1.022824e-02	3.912262e-03	8.138442e-03	-7.896660e-03
## SPAC17G6.14c	1.725744e-03	4.377955e-03	-8.301274e-03	-7.317974e-03
## SPAC17G6.15c	4.659672e-03	1.103725e-03	1.013051e-03	1.959490e-03
## SPAC17G6.16c	8.101235e-03	-5.017437e-03	1.450743e-03	3.422065e-03
## SPAC17G6.17	1.444545e-03	2.099077e-03	-2.404624e-03	-4.199916e-03
## SPAC1142.01	6.707868e-04	-4.193993e-03	-5.371211e-03	1.988793e-04
## SPAC1142.02c	8.873165e-05	-8.594589e-04	-1.317821e-03	-5.162214e-03
## SPAC1142.04	-1.181006e-03	9.134565e-03	-2.281495e-03	-2.634368e-03
## SPNCRNA.923	8.847848e-05	1.633246e-04	1.787436e-04	1.037106e-04
## SPAC1142.05	-1.159225e-02	1.047227e-02	-7.479013e-03	-2.318122e-03
## SPAC1142.06	-1.322092e-03	2.898942e-03	7.185248e-04	2.897303e-04
## SPAC1142.07c	1.247396e-03	2.310936e-03	-1.474077e-03	2.198937e-03
## SPAC1142.08	6.238375e-04	9.795982e-04	-1.965621e-04	-1.003326e-03
## SPAC1142.09	1.142903e-04	1.381969e-04	-9.168536e-05	-3.443288e-05
## SPNCRNA.925	3.704116e-04	1.870020e-04	-1.564129e-03	-1.206747e-03
## SPAC8C9.04	-9.391518e-03	3.373354e-03	-8.676903e-04	-2.328380e-03

## SPAC8C9.07	1.732274e-03	-2.221140e-03	-2.032327e-03	3.562192e-03
## SPAC8C9.08	-2.784591e-02	2.165803e-02	1.513740e-03	-2.290488e-02
## SPAC8C9.09c	-6.944020e-04	3.760949e-04	-9.237502e-04	1.853314e-03
## SPAC8C9.11	1.251480e-03	-2.685666e-04	-1.231730e-03	-6.356838e-04
## SPNCRNA.228	-5.801561e-04	1.469478e-03	-5.694938e-04	8.112140e-04
## SPAC8C9.19	5.661396e-05	1.042402e-03	-8.495277e-05	-7.480068e-06
## SPAC8C9.12c	-5.252228e-04	9.653628e-04	-3.914646e-03	1.006852e-03
## SPAC8C9.14	-5.487275e-03	5.313019e-03	8.336327e-03	-6.717220e-03
## SPAC8C9.15c	-7.180329e-03	-4.380219e-03	-5.435250e-03	-8.360174e-03
## SPNCRNA.926	-1.551616e-04	2.646624e-03	-8.706293e-04	-6.817872e-04
## SPAC15A10.17	-4.433892e-04	2.097087e-04	-4.116671e-04	1.032932e-03
## SPAC15A10.06	-9.100707e-04	4.795927e-03	-1.863885e-03	-7.431878e-04
## SPNCRNA.927	2.840322e-05	-3.371148e-04	4.305855e-05	5.041207e-04
## SPAC15A10.08	-4.512309e-04	2.506368e-03	-1.443470e-03	6.844428e-04
## SPAC15A10.09c	4.928728e-04	-3.092320e-03	-4.548161e-03	3.108351e-03
## SPNCRNA.928	-6.839320e-04	-1.584310e-04	1.576011e-04	4.246394e-05
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	-5.042695e-03	1.108851e-03	5.168496e-03	8.411564e-03
## SPAC15A10.11	4.174592e-03	1.435356e-03	5.734570e-04	-1.300241e-02
## SPAC15A10.12c	-2.268294e-03	2.117324e-03	-3.889459e-03	1.737295e-03
## SPAC15A10.13	9.514473e-04	-1.802290e-03	-2.679808e-03	-1.695533e-03
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-2.299315e-04	1.126146e-03	-4.600547e-04	8.961359e-04
## SPAC15E1.03	1.726953e-02	-2.472501e-02	1.132220e-02	6.323015e-03
## SPAC15E1.05c	2.604526e-04	3.767401e-03	-1.648638e-03	-3.114978e-03
## SPAC15E1.09	6.001241e-04	1.997758e-03	-2.123468e-03	8.455332e-04
## SPAC15E1.10	-1.655792e-04	-7.718771e-04	-1.463540e-03	2.229928e-03
## SPNCRNA.932	1.110638e-04	5.710469e-05	-1.665384e-04	6.951922e-05
## SPAP7G5.02c	3.938268e-03	2.074961e-02	-2.657082e-02	-4.525342e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	2.128505e-03	-7.244892e-04	-1.414047e-02	1.787011e-02
## SPNCRNA.934	2.553980e-04	-1.186051e-03	-3.118152e-03	-2.341749e-03
## SPNCRNA.935	-1.309471e-03	3.201487e-03	1.631119e-03	1.085460e-03
## SPNCRNA.84	-5.974696e-06	1.229025e-05	6.208511e-05	-5.763040e-05
## SPNCRNA.230	-9.626392e-05	-2.964011e-05	-3.932495e-06	-3.995859e-05
## SPNCRNA.231	-1.772640e-05	-5.427756e-05	-8.645997e-06	-1.769178e-05
## SPNCRNA.232	-3.600886e-05	-5.923218e-05	8.396797e-06	6.471604e-05
## SPATRNAILE.03	5.800303e-04	6.469110e-05	3.416240e-04	-5.610388e-04
## SPNCRNA.233	-6.436660e-06	5.391247e-06	-6.099440e-06	3.247071e-05
## SPATRNAAGLU.04	2.238951e-02	1.457632e-02	-1.284861e-02	6.265845e-03
## SPATRNAALA.05	-1.878749e-04	-9.947994e-04	-4.399983e-04	-2.132246e-04
## SPNCRNA.234	1.602568e-05	-8.314509e-05	4.562804e-05	-1.779109e-04
## SPAC1556.01c	-4.113426e-04	2.188625e-03	-3.645294e-03	-2.706823e-03
## SPAC1556.03	1.824062e-03	-2.464382e-03	-1.639102e-03	-2.858339e-03
## SPAC1556.04c	-9.301545e-06	1.978390e-03	8.778585e-04	2.034502e-04
## SPAC1556.05c	4.248273e-04	2.466195e-04	-2.073179e-04	-8.529874e-04
## SPAC1F12.02c	1.413988e-02	1.131271e-01	7.147555e-02	2.580634e-02
## SPAC1F12.03c	2.173352e-04	7.340807e-04	-1.733953e-03	-8.549432e-05
## SPAC1F12.04c	-6.926938e-04	1.263168e-03	-6.478112e-03	-2.557033e-03
## SPAC1F12.05	8.453263e-04	2.766303e-03	-1.671445e-03	-3.982150e-03
## SPAC1F12.07	2.964879e-03	9.640933e-03	-2.213336e-03	-6.133022e-03
## SPNCRNA.937	-4.178991e-04	1.955617e-04	-7.299569e-04	1.595350e-04
## SPAC4H3.01	-2.352466e-03	5.847004e-03	3.030613e-03	-6.906323e-04
## SPAC4H3.03c	8.532364e-03	2.349223e-03	9.449905e-03	-1.153030e-02

## SPAC4H3.06	3.029140e-03	-1.864224e-03	-1.460951e-03	2.904439e-03
## SPAC4H3.09	4.307609e-04	7.570893e-04	2.383938e-03	-4.719974e-03
## SPNCRNA.941	-1.077272e-04	1.148154e-04	1.883389e-04	8.839592e-05
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	1.374601e-04	-1.440309e-04	1.646075e-04	-6.593846e-05
## SPNCRNA.942	-2.509019e-03	-3.047049e-03	9.805009e-04	5.033091e-03
## SPAC4H3.12c	7.294795e-04	4.616469e-05	-5.290778e-04	2.240475e-05
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	6.684536e-03	-2.962801e-04	-2.451947e-03	-2.289556e-04
## SPAC1071.02	4.756366e-03	1.700047e-03	5.805615e-03	-8.477320e-03
## SPAC1071.03c	-2.532569e-03	3.787189e-03	-1.241170e-03	9.728383e-04
## SPNCRNA.237	-1.044620e-04	-1.692510e-04	-3.145222e-04	1.708263e-04
## SPNCRNA.943	2.577125e-04	5.366697e-04	-2.120743e-04	-4.087794e-04
## SPAC1071.05	6.878128e-05	5.281715e-03	3.151081e-03	-5.485201e-03
## SPAC1071.06	-1.165715e-03	-1.802175e-03	-4.633615e-03	-4.062613e-03
## SPAC1071.08	-7.399482e-03	1.612829e-02	-4.815585e-03	-6.741830e-03
## SPAC1071.10c	3.956887e-02	-2.304553e-02	8.270109e-02	-1.700315e-01
## SPNCRNA.93	-1.932169e-04	6.181756e-05	1.881838e-05	1.723400e-05
## SPAC1071.13	4.307132e-04	5.440877e-04	3.777303e-04	1.027259e-03
## SPNCRNA.945	-6.052369e-04	5.754022e-04	-2.478386e-04	-6.678900e-04
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	-1.115499e-03	9.283298e-04	-2.417627e-03	-2.015371e-03
## SPAC926.02	-1.998280e-04	5.394945e-05	1.309989e-03	-1.922839e-03
## SPNCRNA.946	5.309598e-04	7.208042e-05	-1.480026e-03	1.484126e-03
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	4.052238e-04	4.851035e-04	-7.990959e-04	2.102081e-03
## SPAC926.04c	-5.150377e-02	1.018007e-01	4.260130e-02	9.758693e-02
## SPRRNA.18	6.712499e-03	2.680932e-02	-1.807438e-02	1.007128e-02
## SPAC926.05c	1.539568e-03	8.781939e-05	-3.997467e-04	-1.272500e-03
## SPAC926.09c	-1.428039e-01	6.748999e-02	1.090331e-01	5.268998e-02
## SPAC323.01c	8.319319e-04	-1.089363e-03	1.824429e-03	1.356237e-03
## SPNCRNA.948	-3.333183e-05	1.093117e-04	-7.717905e-05	2.894534e-04
## SPAC323.06c	-3.250829e-03	-3.238787e-03	-2.468525e-03	-9.116641e-04
## SPAC323.07c	-1.453522e-03	6.458200e-03	-8.015466e-04	-5.311105e-03
## SPAC2F3.02	4.212531e-03	-7.317584e-03	-2.300162e-03	4.186384e-03
## SPAC2F3.03c	5.247293e-03	-8.068397e-04	3.053093e-03	-6.125866e-03
## SPAC2F3.04c	1.444476e-03	-1.430918e-03	-2.068548e-03	2.622734e-03
## SPAC2F3.05c	-1.438160e-03	3.532257e-03	-3.216036e-03	-7.818168e-03
## SPAC2F3.06c	1.393322e-02	-6.452401e-03	-8.228088e-03	1.233701e-02
## SPAC2F3.08	-4.490971e-03	3.335200e-03	-1.367821e-03	9.593781e-04
## SPNCRNA.949	-5.733827e-05	-4.104370e-04	6.480030e-04	-1.679056e-03
## SPNCRNA.950	-5.059399e-05	6.201652e-05	5.831049e-06	1.989226e-05
## SPAC2F3.18c	-1.422282e-03	7.611099e-03	-5.079120e-03	4.162920e-04
## SPAC2F3.11	6.660577e-04	3.400441e-03	-1.350317e-03	5.259738e-04
## SPNCRNA.240	-2.966164e-05	1.544291e-04	-1.800409e-04	7.086328e-08
## SPAC11G7.01	-3.980834e-03	-4.572649e-03	1.160475e-03	-3.832981e-03
## SPAC11G7.02	3.788961e-03	-3.178889e-03	3.144349e-03	1.297913e-03
## SPAC11G7.03	1.360698e-04	-7.212795e-03	2.061791e-03	-2.758519e-03
## SPAC11G7.04	3.945455e-03	-3.915747e-03	-1.338139e-02	-2.726072e-02
## SPAPB18E9.01	-6.396289e-03	5.814917e-03	-4.426989e-04	1.212714e-03
## SPAPB18E9.05c	6.296990e-03	8.389627e-05	-4.629891e-03	-9.056740e-03
## SPAPB15E9.01c	7.897862e-02	3.196390e-02	-5.271865e-03	-1.040610e-01
## SPAPB15E9.02c	2.586272e-04	-5.016365e-04	-2.373669e-03	3.090757e-04
## SPAC27E2.02	3.288600e-03	-1.082417e-03	-3.278912e-03	-2.871787e-03

## SPNCRNA.53	-8.869744e-06	5.579186e-06	4.417262e-06	1.683811e-06
## SPAC27E2.14	-5.667839e-04	-2.345971e-04	8.824392e-05	-1.604731e-03
## SPAC27E2.05	6.876848e-04	2.489398e-04	-3.159268e-05	4.096310e-03
## SPAC27E2.09	-1.930114e-03	2.382064e-03	-1.002530e-02	1.584873e-04
## SPAC27E2.10c	-1.137413e-03	-1.603362e-03	1.919275e-03	-1.961906e-04
## SPAPJ698.03c	-2.116001e-03	2.471579e-03	-7.369769e-03	-6.975917e-03
## SPAC19G12.02c	-2.146823e-03	2.189637e-03	-3.948520e-04	-1.686784e-03
## SPAC19G12.04	-7.940184e-04	-7.405547e-04	-1.225492e-03	1.796682e-03
## SPAC19G12.06c	-1.331854e-02	1.948453e-02	-1.353259e-03	4.014992e-03
## SPAC19G12.07c	-4.386603e-04	-4.803219e-03	-1.968040e-05	1.888950e-03
## SPAC19G12.08	8.679029e-03	2.803632e-03	3.030988e-03	5.618739e-03
## SPATRNALEU.04	-8.397257e-02	-6.145251e-02	-1.682835e-05	-4.871515e-02
## SPAC19G12.09	5.267839e-03	8.660118e-03	5.132968e-03	2.248554e-03
## SPAC19G12.13c	3.117929e-04	-2.023515e-04	7.269991e-04	-1.948286e-04
## SPAC19G12.14	-2.173689e-03	1.700962e-03	2.926068e-03	-3.391829e-03
## SPAC23A1.07	-1.388752e-03	1.367725e-03	-1.225111e-03	-3.472844e-03
## SPAC23A1.08c	-1.771650e-02	-5.045003e-02	3.091275e-03	4.511424e-02
## SPAC23A1.10	-8.273765e-03	-4.468495e-03	-5.045711e-02	-2.302512e-02
## SPAC23A1.15c	4.132010e-03	-2.927249e-04	2.773477e-03	-9.856781e-04
## SPAC23A1.16c	1.999572e-04	1.260669e-03	1.205119e-03	9.918823e-04
## SPNCRNA.341	1.348452e-05	-3.890287e-05	-2.705794e-05	-5.574489e-05
## SPAC26H5.04	1.607712e-03	-2.560178e-04	2.607120e-03	-6.993220e-04
## SPNCRNA.961	7.653281e-04	3.586683e-04	3.753728e-04	6.810177e-04
## SPAC26H5.07c	7.829798e-05	-5.071185e-03	-1.935559e-04	4.312289e-03
## SPAC26H5.08c	5.880000e-03	-1.968778e-03	4.481940e-03	5.024565e-03
## SPNCRNA.962	-1.767761e-05	-2.561864e-06	2.061698e-05	-6.864031e-06
## SPNCRNA.306	-3.286281e-05	-5.894864e-05	1.429714e-05	-9.181260e-05
## SPAC26H5.09c	-6.278696e-03	-4.517390e-03	3.611500e-03	1.720399e-02
## SPAC26H5.10c	5.422991e-02	-9.637462e-02	-9.515896e-02	5.658966e-03
## SPNCRNA.964	8.304720e-05	1.051365e-03	5.298442e-04	3.957549e-04
## SPNCRNA.965	7.430876e-04	-7.093652e-04	-6.055012e-04	1.591939e-03
## SPNCRNA.242	-4.824342e-02	-7.562287e-02	6.500867e-02	-1.881334e-01
## SPSNORNA.13	1.184147e-01	1.241898e-03	1.817833e-01	1.340200e-01
## SPAC25B8.02	-1.307570e-04	2.041543e-03	-1.591716e-03	-7.660679e-04
## SPAC25B8.03	-7.847643e-04	-4.848698e-03	1.824892e-03	1.961433e-04
## SPAC25B8.04c	-1.069728e-03	1.017424e-03	-1.609688e-03	-4.475197e-04
## SPAC25B8.05	9.786058e-04	-2.741802e-03	5.121802e-04	2.442539e-03
## SPAC25B8.07c	-1.223216e-03	-2.429990e-03	-2.055419e-03	3.156145e-03
## SPAC25B8.20	-9.316145e-04	1.488351e-04	-5.698982e-04	1.151708e-04
## SPNCRNA.967	9.779552e-04	-2.174906e-04	-7.821895e-05	3.300277e-04
## SPAC25B8.10	-2.145413e-04	-3.024870e-03	-4.273922e-03	2.439990e-03
## SPAC25B8.11	4.072824e-03	5.270173e-04	4.412863e-03	-3.027350e-03
## SPNCRNA.968	-1.298431e-03	-2.629854e-04	-5.043317e-04	-9.950824e-04
## SPAC25B8.13c	-1.238530e-02	-3.281857e-03	-8.425979e-03	1.441725e-03
## SPRRNA.19	4.874598e-04	1.189351e-03	-2.532411e-03	3.092352e-03
## SPAC25B8.14	-5.295665e-04	-1.558040e-03	-1.098935e-04	1.415989e-04
## SPAC25B8.15c	-1.312705e-03	1.441245e-03	-9.252298e-04	-1.374488e-03
## SPAC25B8.16	-2.285940e-03	-1.951664e-03	-1.584490e-03	-1.485569e-03
## SPNCRNA.970	8.540814e-04	6.286155e-04	-1.805664e-03	-3.385986e-04
## SPNCRNA.971	5.346881e-04	3.938402e-04	2.826594e-04	3.591394e-04
## SPAC694.03	9.544840e-04	4.462896e-04	-9.155913e-04	3.141606e-03
## SPAC694.04c	-2.891497e-03	6.912917e-03	2.437554e-03	-1.132245e-03
## SPNCRNA.972	-1.513877e-03	4.851267e-04	-9.500759e-04	-1.812710e-03
## SPAC1F7.02c	5.913644e-03	-4.008822e-03	2.728845e-03	-4.372230e-04

## SPAC1F7.03	-6.703124e-03	8.424702e-03	-2.891576e-03	2.672417e-03
## SPAC1F7.06	2.401160e-05	-7.227092e-05	6.953821e-05	2.012051e-05
## SPAC1F7.07c	2.997946e-04	-1.411833e-03	2.421069e-03	1.697869e-02
## SPSNORNA.14	-4.501370e-05	-2.279011e-05	3.231318e-05	2.706904e-05
## SPRRNA.20	1.640472e-02	4.635950e-02	-2.271036e-02	2.042320e-02
## SPAC1F7.10	-6.817605e-04	-1.101199e-03	6.775054e-04	2.116648e-03
## SPAC1F7.11c	5.033753e-04	7.797200e-04	-1.802982e-03	9.975895e-04
## SPAC1F7.12	8.702405e-03	8.088355e-03	8.149080e-03	-5.630570e-03
## SPAC21E11.03c	-4.284040e-03	-1.744037e-03	-2.083885e-03	3.699112e-03
## SPAC21E11.05c	2.744449e-03	-4.791892e-04	4.791805e-04	1.440536e-03
## SPAC21E11.08	1.468713e-03	-3.825209e-03	8.429292e-04	2.842964e-03
## SPATRNASER.03	-4.040837e-03	-1.799129e-03	-4.884156e-04	5.201480e-04
## SPATRNAMET.03	-2.190062e-03	-4.357577e-03	-1.456819e-03	3.442379e-03
## SPAC2C4.05	-4.858327e-03	7.180672e-04	-1.686262e-03	3.053724e-04
## SPAC2C4.06c	3.493736e-05	6.700314e-04	-2.986931e-03	-1.345864e-03
## SPAC2C4.08	-6.121754e-04	-3.250182e-04	-5.492172e-04	9.940124e-04
## SPAC2C4.11c	8.229187e-05	-3.818272e-04	-6.143514e-05	-2.910456e-03
## SPAC2C4.12c	-2.492264e-03	-1.982512e-03	-1.780298e-03	-3.308588e-04
## SPAC2C4.14c	5.062851e-04	1.095802e-04	1.148067e-04	1.848243e-03
## SPAC2C4.15c	1.075812e-04	-2.125275e-03	-2.808779e-03	-2.362904e-04
## SPAC2C4.16c	2.040276e-03	-5.486481e-02	6.810040e-03	2.342543e-02
## SPNCRNA.974	9.995113e-04	6.419720e-04	6.108606e-04	1.655672e-03
## SPNCRNA.975	-8.338793e-04	3.207872e-04	-1.323265e-03	-7.702624e-04
## SPNCRNA.976	1.138555e-05	-8.605316e-04	-5.474900e-04	-7.270768e-04
## SPAC25G10.01	3.378895e-03	4.487918e-03	8.687504e-04	1.415276e-03
## SPAC25G10.05c	4.757278e-03	-8.347340e-03	-1.364126e-02	-3.549380e-03
## SPAC25G10.06	1.280675e-02	3.957725e-02	-1.313364e-02	-2.066622e-02
## SPAC25G10.07c	-3.042880e-03	-1.368690e-03	-5.065583e-04	-2.780781e-03
## SPAC25G10.09c	3.962709e-04	7.640882e-03	2.727748e-03	-1.024984e-02
## SPAC27F1.02c	2.889645e-03	5.677247e-03	-1.066350e-02	1.578754e-03
## SPAC27F1.03c	7.790533e-04	-2.101622e-04	4.373027e-05	1.768668e-03
## SPAC27F1.04c	-5.808105e-04	1.456083e-03	3.269628e-04	3.310375e-03
## SPAC27F1.07	4.239084e-03	2.571204e-03	2.578633e-03	-2.171015e-03
## SPAC27F1.08	-3.881080e-03	-7.975751e-04	-1.701470e-04	-6.763311e-04
## SPAC27F1.09c	-8.808064e-04	2.457003e-03	-1.785976e-03	-2.088772e-03
## SPAC23D3.01	2.174759e-04	3.726962e-03	-1.868823e-03	-2.605858e-03
## SPAC23D3.02	-4.354685e-03	2.176126e-03	-3.061490e-03	-2.457166e-03
## SPAC23D3.03c	-4.649103e-03	-4.498632e-03	2.212494e-03	-1.058477e-03
## SPNCRNA.979	-2.418743e-04	2.515937e-03	-1.139658e-04	-2.144832e-03
## SPAC23D3.08	9.771261e-04	-2.922455e-03	2.835383e-03	2.934781e-03
## SPAC23D3.11	-1.218903e-03	1.726916e-03	2.190642e-03	-5.295190e-03
## SPNCRNA.980	-2.073685e-04	-4.524539e-04	-3.330579e-04	-7.540104e-04
## SPAC23D3.17	-1.167877e-03	9.942586e-04	-4.869813e-04	1.909910e-03
## SPNCRNA.981	3.147230e-04	5.862394e-04	-1.974802e-04	-5.949282e-04
## SPAC30.01c	5.090399e-03	-1.224069e-03	-7.509130e-04	9.676569e-04
## SPAC30.02c	-1.254235e-03	-1.531283e-04	-3.800042e-03	-1.000439e-05
## SPAC30.04c	3.565743e-03	-3.088731e-03	4.752054e-04	-1.890830e-03
## SPAC29E6.01	1.745337e-03	-1.270544e-03	-1.054443e-03	7.631020e-04
## SPAC29E6.03c	-7.131608e-03	6.501253e-03	1.417303e-03	-9.090349e-03
## SPAC29E6.05c	8.770908e-04	1.427335e-03	-4.060797e-04	-6.418543e-04
## SPAC29E6.04	-2.705587e-03	4.536938e-04	-1.683626e-03	-1.830451e-03
## SPAC29E6.07	6.613635e-04	2.737211e-04	-2.900274e-05	2.078128e-04
## SPAC29E6.08	2.790925e-03	-1.726910e-03	7.114049e-03	-2.233762e-03
## SPAC16.01	1.006108e-03	-1.534992e-03	-1.170300e-03	4.687714e-04

## SPNCRNA.986	-1.178615e-04	-1.317101e-04	-3.258644e-04	-4.111401e-04
## SPAC16.03c	6.483623e-04	-1.770405e-03	-6.216930e-04	1.070238e-03
## SPAC16.05c	-1.990125e-03	-1.170617e-02	-1.014413e-02	1.119657e-04
## SPAC9E9.01	9.122839e-05	-1.192402e-05	1.128127e-04	4.221063e-05
## SPAC9E9.17c	-8.523292e-05	-3.575131e-05	5.765400e-06	-7.695086e-05
## SPNCRNA.987	-6.439720e-05	1.180647e-04	-6.281494e-05	-1.869265e-04
## SPNCRNA.12	-4.608122e-05	3.101930e-06	6.723049e-05	1.763220e-05
## SPAC9E9.03	2.285855e-02	1.910306e-02	-4.240075e-02	-2.370128e-02
## SPAC9E9.04	2.646546e-03	1.397878e-03	-8.821960e-04	4.435928e-03
## SPAC9E9.09c	-4.306805e-02	4.536033e-03	-5.093795e-02	-1.116767e-01
## SPNCRNA.989	2.997788e-04	1.727544e-04	9.041697e-04	-3.758907e-05
## SPAC9E9.15	-2.344242e-04	1.758539e-03	9.868537e-04	1.670719e-03
## SPNCRNA.311	1.937353e-05	-2.541715e-05	-4.742204e-05	1.168565e-04
## SPNCRNA.991	2.656706e-04	-2.914553e-04	-1.135072e-03	2.763832e-04
## SPAC17C9.14	-3.470305e-04	-5.936953e-04	-1.769436e-03	9.327024e-04
## SPAC17C9.10	2.013101e-03	-3.097229e-03	-8.917115e-04	7.988284e-04
## SPAC17C9.07	-3.579053e-04	1.298798e-04	-8.231856e-05	-1.928027e-03
## SPAC17C9.05c	9.458440e-04	3.170803e-04	5.125124e-04	-1.620879e-03
## SPAC17C9.01c	2.608967e-03	-1.075289e-03	-1.203545e-03	3.238452e-03
## SPAC1851.04c	2.332836e-03	-1.772201e-03	-3.033082e-03	1.098868e-03
## SPAC27D7.02c	-1.931642e-03	2.370885e-03	-2.387658e-03	-4.410788e-04
## SPNCRNA.993	1.751463e-05	8.261708e-05	3.330205e-05	3.152436e-04
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-2.105280e-03	5.764682e-03	-1.140747e-02	-1.974557e-03
## SPNCRNA.995	3.413381e-04	7.386986e-04	9.786722e-04	-9.308090e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	2.925195e-04	1.190487e-03	1.448709e-03	-3.603488e-04
## SPAC637.03	-8.685185e-03	1.517652e-02	1.642642e-03	3.727701e-03
## SPAC637.04	-2.341454e-03	4.429344e-03	2.849377e-05	1.326421e-04
## SPAC637.05c	1.192024e-04	-6.398657e-03	1.039033e-02	-1.016720e-03
## SPAC637.06	-6.393682e-03	-1.131875e-03	9.301240e-04	-4.011170e-03
## SPAC637.09	5.163361e-03	-7.645110e-04	1.184683e-03	4.689870e-03
## SPNCRNA.999	5.985607e-04	3.880746e-04	3.942253e-04	-2.225267e-04
## SPAC637.11	1.619358e-03	9.637418e-04	-1.111486e-03	-2.299427e-04
## SPAC637.12c	1.566774e-03	-1.019406e-03	2.580166e-04	-2.966018e-03
## SPNCRNA.1000	-1.527553e-04	-3.355273e-04	-1.208686e-04	1.116494e-03
## SPAC637.13c	-1.788252e-03	1.421493e-03	-2.802170e-03	-3.415124e-03
## SPNCRNA.249	7.401916e-04	-3.894561e-04	1.349504e-05	9.850730e-04
## SPAC31F12.01	4.504469e-03	-3.922309e-03	-1.950613e-04	1.321733e-03
## SPAC12B10.02c	-1.565856e-03	-2.026063e-03	-6.973887e-03	5.813891e-04
## SPAC12B10.03	2.814114e-03	7.164362e-04	-5.092520e-03	1.373852e-03
## SPNCRNA.1001	-6.008922e-04	1.058154e-03	-9.889900e-04	-1.482642e-04
## SPAC12B10.04	-4.889560e-03	-4.064526e-03	1.873855e-03	1.343722e-03
## SPAC12B10.07	1.306435e-03	-2.360291e-03	-3.705900e-04	-4.833548e-03
## SPAC12B10.08c	-3.891427e-04	-5.395161e-05	-1.871423e-03	-1.379417e-03
## SPAC12B10.09	1.652029e-03	1.072215e-03	3.134042e-03	1.177686e-03
## SPAC12B10.10	-1.316615e-03	-5.340150e-04	1.367612e-03	-1.169458e-03
## SPNCRNA.1003	-4.235757e-04	-5.160703e-04	4.243433e-04	6.267997e-05
## SPAC12B10.15c	-4.356799e-04	-1.564791e-03	-1.936912e-03	7.699339e-05
## SPNCRNA.1004	2.775893e-04	-6.096974e-05	-6.885088e-04	1.555682e-03
## SPAC1093.07	3.315812e-04	-6.558023e-04	-1.112708e-03	4.684324e-05
## SPAC1093.01	1.939073e-03	3.496309e-03	-1.222814e-02	-4.364935e-03
## SPAC1093.02	1.103384e-03	2.838646e-03	-3.799143e-03	-5.067919e-03

## SPAC1093.03	3.096247e-03	2.536834e-03	5.129507e-04	-1.166910e-03
## SPAC1093.04c	-6.626322e-05	-5.413025e-05	6.038556e-04	1.639756e-03
## SPAC1093.06c	1.089266e-03	1.270880e-03	-2.813614e-03	-3.892632e-03
## SPNCRNA.1006	-1.302229e-04	4.628246e-04	2.725224e-04	-7.576510e-05
## SPAC30C2.02	2.724015e-03	-1.340779e-03	1.536292e-03	-6.950293e-03
## SPAC30C2.04	1.908077e-03	5.107571e-03	7.469477e-04	-7.851079e-03
## SPAC30C2.05	-8.594257e-04	-2.077408e-03	-9.065860e-04	2.489179e-03
## SPAC30C2.07	-1.003988e-03	4.190672e-03	2.722085e-03	-7.000255e-03
## SPNCRNA.1008	2.864668e-04	3.513608e-04	6.084172e-04	1.774925e-04
## SPAC1635.01	-6.471442e-03	-1.477076e-03	5.571552e-03	7.027738e-03
## SPNCRNA.1009	-1.313505e-05	-2.405796e-04	-3.795673e-04	-1.343434e-04
## SPAC144.02	2.008862e-03	-1.991106e-03	-4.662045e-03	1.811329e-03
## SPAC144.03	1.044490e-02	1.363064e-02	-8.045993e-03	-1.076677e-03
## SPAC144.04c	5.164882e-03	-1.461283e-02	-5.457566e-05	-1.092965e-02
## SPAC144.05	1.499557e-03	1.110711e-03	2.139853e-04	-4.717403e-03
## SPAC144.10c	-1.151140e-03	6.379445e-04	-1.241131e-03	-2.424450e-03
## SPNCRNA.1013	9.003546e-05	-2.940377e-04	-5.921398e-04	6.448477e-04
## SPNCRNA.1014	-1.340979e-04	5.495036e-04	-6.489288e-04	-6.723882e-04
## SPAC144.12	-1.928307e-03	5.849684e-03	-9.700704e-03	-6.200099e-03
## SPAC144.13c	-2.197768e-03	3.952357e-03	2.674509e-04	2.368268e-04
## SPAC144.16	-5.756540e-04	3.651524e-04	-3.537447e-03	-5.602469e-03
## SPNCRNA.1016	2.991711e-04	1.310361e-03	8.227120e-04	1.204135e-03
## SPNCRNA.1017	-6.080927e-05	-2.114315e-04	6.191666e-05	4.747730e-05
## SPAC1834.03c	-7.259955e-03	5.260449e-03	-3.660033e-02	9.192683e-03
## SPAC1834.04	-9.849323e-03	-8.533624e-03	-1.069175e-02	7.655242e-03
## SPAC1834.05	-6.066759e-04	6.871807e-03	-1.226806e-03	-5.140782e-03
## SPAC1834.08	1.168327e-03	6.386040e-03	-7.882545e-03	-4.903642e-03
## SPATRNATHR.05	3.149509e-03	-6.550014e-03	4.674039e-03	-3.233023e-03
## SPAC1834.10c	2.999094e-04	2.494725e-03	-4.394294e-03	-8.806127e-04
## SPAC1834.13	-1.302693e-04	1.102529e-04	1.674141e-04	-8.689648e-05
## SPAC17D4.01	-1.516673e-02	2.227252e-02	-9.076209e-03	-3.116794e-03
## SPAC17D4.02	7.740776e-05	-4.635615e-04	-3.837983e-03	-1.064170e-03
## SPAC17D4.04	-9.713219e-04	7.057345e-03	3.615553e-04	-1.611219e-03
## SPAC458.02c	1.652829e-03	-3.963610e-03	-2.956859e-03	-1.063275e-03
## SPNCRNA.1019	3.758211e-04	-7.517858e-05	-1.010222e-03	-7.196319e-04
## SPAC458.03	3.102088e-03	-5.098836e-03	-6.215159e-03	8.205967e-04
## SPNCRNA.1020	6.420413e-05	4.552947e-04	8.263421e-04	-2.785470e-04
## SPAC458.07	-1.511478e-03	-8.525874e-04	-1.480119e-03	-1.205045e-03
## SPAPYUG7.02c	2.402240e-03	2.292835e-03	-2.399955e-04	-1.978445e-03
## SPNCRNA.1022	-2.798348e-04	-8.482203e-05	-1.656868e-04	7.866680e-04
## SPAC1782.01	-1.679805e-03	-3.393446e-04	-2.526504e-03	-6.668953e-03
## SPAC1782.03	-1.225729e-03	-3.940444e-05	-9.367805e-04	-6.018432e-04
## SPAC1782.06c	8.266310e-04	1.181663e-03	-1.014089e-02	-4.780339e-03
## SPNCRNA.1023	-3.025405e-04	6.272795e-04	4.718207e-04	1.274304e-04
## SPAC1782.09c	1.315994e-03	1.843572e-03	-1.074975e-03	4.964586e-04
## SPAC1782.10c	1.406498e-03	-3.904938e-03	-9.816655e-03	1.189111e-02
## SPAC1782.11	-1.597800e-03	-5.373094e-03	-1.197732e-02	2.548479e-03
## SPAC11H11.02c	-2.073949e-04	2.881596e-03	3.185443e-04	-1.455065e-03
## SPAC11H11.01	-3.384019e-04	-2.007774e-03	-5.327963e-05	-3.953738e-04
## SPAC11H11.03c	-3.475890e-04	5.908359e-04	-1.128239e-03	2.235377e-03
## SPAC11H11.04	8.036986e-05	1.423810e-05	5.983459e-04	-2.315748e-04
## SPAC11H11.06	3.549819e-03	6.382216e-03	1.605201e-04	-1.087009e-02
## SPAC22F8.03c	-1.133530e-04	-1.772790e-04	1.297855e-04	1.027010e-04
## SPAC22F8.07c	6.611611e-04	1.935657e-04	-2.987957e-04	1.614251e-03

## SPAC22F8.08	1.186489e-02	-9.755141e-03	-1.565114e-03	-4.393801e-03
## SPAC22F8.11	1.322102e-03	-1.631827e-03	1.749329e-03	-4.181055e-03
## SPAC22F8.12c	1.398401e-03	-1.417913e-03	-4.116990e-04	-2.547110e-03
## SPAC20G4.02c	1.424915e-03	2.252926e-04	2.270545e-04	-8.728448e-04
## SPAC20G4.03c	4.278121e-03	-3.081511e-03	3.511113e-03	1.297589e-03
## SPAC20G4.04c	-8.430697e-04	-7.329976e-04	-3.606133e-03	2.136839e-03
## SPNCRNA.1027	7.341490e-04	1.764038e-03	-2.222449e-03	5.100225e-04
## SPAC20G4.09	-3.276537e-06	2.110476e-04	1.357612e-04	3.008612e-04
## SPAC20G4.07c	-2.468296e-03	-4.995401e-03	3.509553e-03	-9.339110e-04
## SPAC4F10.03c	4.201597e-03	2.911435e-03	-2.864722e-03	5.961752e-05
## SPAC4F10.04	4.367984e-03	9.891621e-04	2.564920e-03	4.122178e-03
## SPNCRNA.1028	1.566746e-03	-2.864734e-04	-1.862515e-03	1.998706e-04
## SPAC4F10.08	9.944212e-04	3.461921e-04	6.897673e-06	-1.395694e-04
## SPAC4F10.12	6.212409e-04	2.232531e-03	-3.706084e-03	-1.082607e-03
## SPAC4F10.13c	-2.214313e-03	-8.899486e-04	-4.727114e-03	-1.709417e-02
## SPNCRNA.1030	-1.550637e-04	-2.348791e-04	-1.726343e-04	3.926427e-05
## SPAC4F10.15c	-2.003868e-04	2.766433e-05	3.397679e-04	-9.817465e-04
## SPAC4F10.16c	-6.712528e-04	8.948021e-03	1.402055e-04	-1.770840e-03
## SPAC4F10.18	2.192903e-03	-5.749771e-04	-2.100280e-03	6.146704e-04
## SPAC4F10.19c	1.224868e-03	2.616466e-04	1.969708e-04	4.621055e-04
## SPAC19B12.01	3.888925e-03	6.405152e-03	-1.422053e-03	4.224774e-03
## SPNCRNA.255	8.519625e-05	1.533704e-04	-3.223109e-04	3.247010e-04
## SPAC19B12.03	-5.673500e-04	5.426035e-05	3.106137e-03	-8.983934e-03
## SPNCRNA.1034	-6.661929e-04	-2.100229e-04	-1.859651e-03	-2.067089e-04
## SPAC19B12.04	9.714590e-03	-7.578579e-03	-1.288535e-02	-1.703124e-02
## SPAC19B12.07c	-1.313721e-04	5.495394e-04	-8.463365e-04	-3.909905e-03
## SPAC19B12.10	-7.628430e-04	-9.575760e-05	-3.344677e-03	6.550049e-04
## SPAC19B12.12c	-3.115900e-04	-5.608608e-04	-8.807564e-04	9.819364e-04
## SPAC19B12.13	4.166314e-04	-1.019030e-04	-4.794485e-04	6.733306e-07
## SPNCRNA.1035	-7.314366e-05	-5.445308e-04	-8.308477e-04	1.904674e-04
## SPAPB8E5.04c	2.959430e-03	1.961381e-03	1.165388e-03	1.023189e-03
## SPAPB8E5.06c	-1.281117e-02	-6.976144e-03	6.513369e-04	-6.096283e-03
## SPAC1B3.01c	-2.873957e-03	-5.432794e-03	-6.407815e-03	3.935656e-03
## SPAC1B3.02c	1.312160e-03	2.158243e-03	-6.637917e-03	8.607448e-03
## SPNCRNA.1036	-3.594033e-04	-1.584460e-04	-5.855618e-04	-1.144981e-04
## SPAC1B3.03c	-5.374600e-03	-5.796642e-03	-5.734942e-03	4.845123e-03
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	2.326989e-04	-2.351645e-04	-4.365716e-04	8.284237e-04
## SPNCRNA.1038	-1.484594e-02	-2.680847e-02	-3.201864e-03	-4.155319e-03
## SPAC1B3.07c	2.450850e-03	2.921910e-04	-2.626172e-03	2.198805e-03
## SPAC1B3.08	-6.790023e-05	2.706043e-04	-5.473257e-03	5.837366e-04
## SPAC1B3.10c	5.314013e-04	1.686674e-03	1.183962e-03	-1.173762e-03
## SPAC1B3.11c	7.283577e-06	1.421501e-03	-5.030366e-04	-3.464504e-04
## SPAC1B3.20	1.283993e-03	3.202094e-04	-1.915453e-03	6.621871e-04
## SPAC1B3.13	-2.425845e-03	6.394277e-03	4.289807e-03	-4.934032e-03
## SPAC1B3.15c	4.168976e-04	4.622066e-04	1.032674e-04	-4.192639e-04
## SPAC1B3.16c	-2.815930e-03	9.037031e-02	-4.899264e-02	-1.953528e-02
## SPNCRNA.1039	2.472120e-05	1.958571e-04	-7.193419e-05	-1.393127e-04
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	2.517394e-03	2.792038e-03	3.314085e-03	2.914128e-03
## SPAC1952.05	1.150902e-03	1.216356e-03	-6.134762e-03	6.096445e-03
## SPAC1952.06c	5.078168e-04	2.779685e-03	-4.406437e-03	-3.958016e-03
## SPAC1952.08c	4.968829e-04	5.721876e-04	7.783043e-04	-2.926882e-03
## SPAC1952.11c	2.413767e-03	-9.930569e-04	3.228862e-03	3.855657e-03

## SPAC1952.13	8.764352e-04	-2.365174e-03	-2.848473e-03	-1.826141e-03
## SPAC1952.14c	-1.620573e-03	-2.021197e-04	-2.440285e-03	-1.107825e-03
## SPAC1952.15c	9.593421e-05	-1.113783e-04	-7.482136e-04	3.033379e-04
## SPAC890.02c	-1.428241e-03	6.849604e-04	6.725743e-04	-8.068475e-04
## SPAC890.05	-3.162797e-03	2.766926e-03	2.475104e-04	-2.547266e-03
## SPAC890.07c	1.408689e-02	1.620369e-03	-5.697549e-04	4.515758e-03
## SPAC890.08	-5.616763e-02	-9.168328e-03	-4.037814e-02	4.376772e-02
## SPNCRNA.258	-2.169372e-04	3.863623e-05	-3.041455e-05	6.953354e-05
## SPAC22E12.01	-2.225748e-04	9.887025e-04	1.007496e-03	7.860634e-04
## SPAC22E12.02	2.269772e-03	-2.324673e-03	1.152112e-03	-9.050322e-04
## SPAC22E12.03c	-3.749717e-03	3.766345e-03	-3.271317e-03	3.698243e-03
## SPAC22E12.05c	-1.160150e-03	-3.491183e-03	-2.379134e-03	4.630653e-03
## SPAC22E12.06c	1.494876e-03	3.586820e-03	-4.198822e-03	-1.355494e-03
## SPAC22E12.07	7.063116e-03	1.719991e-03	-5.834371e-03	1.586196e-04
## SPAC22E12.08	1.931800e-04	1.604698e-03	8.472136e-04	-1.017199e-03
## SPAC22E12.11c	2.595293e-03	-2.505304e-04	3.859486e-04	1.652995e-04
## SPAC22E12.14c	-2.020465e-03	5.762470e-03	-7.125998e-03	1.086599e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	1.436916e-03	5.852759e-04	1.745757e-03	1.061343e-03
## SPAC1006.05c	-7.913896e-04	5.200203e-03	2.623664e-03	-3.528025e-03
## SPAC1006.06	6.284968e-03	1.987739e-03	-2.148198e-03	3.807422e-03
## SPAC1006.07	2.427729e-03	5.926484e-03	5.941255e-02	5.398591e-02
## SPAC1006.08	6.296309e-04	1.268596e-04	-1.486183e-03	6.549234e-05
## SPAC1006.09	2.444729e-03	8.518846e-04	1.499909e-03	-4.260283e-03
## SPAC1250.05	2.373484e-03	-3.682102e-03	-4.611722e-03	9.110080e-04
## SPAC1250.04c	-1.382148e-04	4.615405e-04	-1.469659e-03	1.914077e-03
## SPAC1250.03	8.555280e-04	-2.705159e-04	2.185986e-04	1.488622e-03
## SPAC1250.02	-5.305856e-06	1.273287e-05	-3.154213e-04	-9.984245e-05
## SPNCRNA.1046	1.621441e-04	9.734589e-05	2.856628e-04	-2.335073e-04
## SPAC29A4.20	-1.440872e-03	-4.233789e-03	-1.451743e-03	-5.624165e-03
## SPAC29A4.19c	3.050761e-03	1.239241e-03	-6.401472e-05	-9.657921e-04
## SPAC29A4.17c	9.472476e-05	2.439360e-04	4.730482e-04	6.481779e-04
## SPAC29A4.16	3.190350e-03	2.687290e-03	1.674793e-02	-1.728904e-02
## SPAC29A4.15	5.481304e-04	-1.197578e-02	-2.918534e-03	-1.227080e-02
## SPNCRNA.1047	-2.626872e-04	1.293516e-04	2.691129e-05	9.607913e-05
## SPAC29A4.12c	-3.805714e-04	3.970636e-04	4.552540e-04	-1.578036e-04
## SPAC29A4.09	-8.186552e-04	-5.520834e-04	-5.110299e-03	-2.024186e-03
## SPAC29A4.08c	-5.392084e-03	-3.919457e-03	-8.563347e-03	-2.963703e-03
## SPAC29A4.07	1.439512e-03	-7.593943e-04	-7.130050e-04	-1.069856e-03
## SPAC29A4.06c	1.402894e-03	3.046389e-04	-8.364779e-05	-2.082735e-04
## SPAC29A4.04c	-6.083956e-03	1.204718e-02	-4.975695e-03	-2.067845e-02
## SPAC29A4.02c	1.403272e-05	-3.048033e-03	2.232617e-02	6.069717e-03
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-3.682363e-03	8.448028e-03	-5.023841e-04	-3.205688e-03
## SPSNORNA.16	-3.097962e-02	3.895846e-02	-4.550673e-02	-1.046794e-03
## SPAC26F1.13c	-5.191581e-03	8.157648e-03	-2.282265e-02	-9.812235e-04
## SPAC26F1.11	3.593079e-04	-8.673583e-05	-3.673887e-05	-8.285639e-04
## SPAC26F1.07	6.316085e-02	-7.326622e-02	5.570801e-02	-5.985129e-02
## SPAC26F1.05	-3.900320e-04	-6.078515e-04	-1.113269e-03	-1.099089e-03
## SPNCRNA.1056	1.313186e-04	-6.250587e-04	-6.341626e-04	-4.870561e-04
## SPAC26F1.04c	7.484519e-03	3.639534e-03	1.144152e-02	-1.008806e-02
## SPAC26F1.03	4.234175e-03	1.041632e-02	-7.202182e-03	-5.659079e-03
## SPAC26F1.01	-7.420718e-04	1.607207e-03	-1.309833e-03	-3.570704e-04
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-4.660689e-04	-7.168166e-04	-2.483212e-04	2.054926e-04
## SPAC19D5.01	-8.335136e-03	5.753050e-03	-4.588246e-04	1.101943e-05
## SPAC19D5.02c	4.352142e-04	2.636221e-03	2.708959e-04	-1.451815e-03
## SPAC19D5.04	7.009654e-03	1.056967e-02	-5.250007e-03	-1.843803e-02
## SPAC19D5.05c	4.674684e-05	4.788842e-04	-2.938421e-04	1.372544e-03
## SPAC19D5.11c	-2.312108e-04	-2.036382e-04	-1.776271e-04	8.393972e-04
## SPNCRNA.1060	-3.018340e-04	1.642394e-04	-1.704791e-04	-1.007408e-03
## SPAC14C4.01c	-2.623127e-03	-9.708477e-04	3.429589e-03	2.635224e-03
## SPAC19D5.07	-4.314923e-04	-9.510668e-04	-3.601386e-04	-6.122843e-04
## SPNCRNA.1062	-7.384800e-05	-3.090072e-04	1.419981e-04	1.349634e-04
## SPAC14C4.03	4.305211e-04	-1.865853e-04	-2.126571e-04	-3.372555e-06
## SPAC14C4.04	1.475216e-03	-3.671809e-03	-1.226813e-03	3.229852e-03
## SPAC14C4.05c	-3.244908e-04	5.749835e-04	1.548519e-03	3.022719e-03
## SPAC14C4.07	1.081768e-03	5.250473e-03	1.442966e-03	-2.193506e-03
## SPAC14C4.08	2.624417e-04	-2.083861e-06	-5.021618e-04	1.131473e-03
## SPAC14C4.09	2.950040e-04	5.017722e-03	-3.648361e-03	-7.474155e-03
## SPAC14C4.10c	1.727171e-03	4.252530e-04	-4.968634e-04	3.554937e-03
## SPAC14C4.11	1.360359e-02	-2.768835e-03	-1.091317e-03	-1.490110e-02
## SPNCRNA.261	-4.943218e-04	4.438698e-04	-1.893589e-04	1.184283e-04
## SPAC14C4.13	2.350067e-03	-4.616067e-05	-1.820580e-03	2.377875e-03
## SPAC14C4.14	-9.331218e-03	-6.052049e-03	1.185477e-03	1.493854e-03
## SPAC14C4.15c	-1.158443e-03	2.098605e-03	-2.560785e-03	-6.504306e-04
## SPAPJ760.03c	-5.718268e-04	7.525902e-03	-4.791692e-03	-2.250260e-03
## SPNCRNA.1064	-4.157396e-04	2.190870e-04	1.169719e-04	-1.116492e-04
## SPAC2H10.02c	8.914890e-04	-1.073430e-03	-5.930922e-04	-1.817214e-04
## SPAC11E3.03	-1.643111e-04	4.022772e-04	-4.834556e-04	-8.629907e-04
## SPAC11E3.04c	1.251544e-03	-2.320044e-03	-4.399370e-04	-1.763998e-03
## SPAC11E3.07	-6.926344e-03	3.851705e-03	-7.539707e-03	6.259257e-03
## SPAC11E3.08c	-3.611974e-05	8.394671e-05	-2.139876e-04	-2.054199e-03
## SPAC11E3.12	-7.741890e-04	-2.779342e-04	-3.832556e-04	-1.649209e-03
## SPAC11E3.13c	-8.212834e-04	1.234142e-02	-2.511898e-03	2.939712e-03
## SPNCRNA.1068	-1.730219e-05	-2.472134e-04	1.142837e-04	4.216611e-04
## SPAC11E3.15	1.266411e-02	-9.992962e-03	-3.532744e-02	1.021968e-02
## SPNCRNA.1070	-3.626024e-04	-1.343961e-05	5.761791e-04	-5.926828e-05
## SPAP8A3.05	1.077648e-04	3.492546e-03	-4.946157e-04	-3.582181e-03
## SPAP8A3.06	-2.017870e-03	-5.747060e-03	-3.005858e-03	9.178357e-04
## SPNCRNA.525	-3.855247e-06	4.227499e-05	-4.801636e-04	-2.633013e-05
## SPNCRNA.1073	7.627065e-04	-3.071296e-04	-1.608389e-03	6.179222e-04
## SPAP8A3.10	2.283172e-03	-1.518589e-04	-4.721472e-03	2.058795e-03
## SPAP8A3.12c	-2.273519e-03	1.592003e-02	5.084219e-03	-1.487868e-02
## SPAP8A3.13c	1.757804e-03	-1.156658e-03	-7.692325e-05	-1.731779e-03
## SPAC4D7.01c	4.858638e-03	3.017598e-03	-5.493719e-03	-4.805422e-03
## SPNCRNA.1075	-1.099073e-04	3.479418e-05	-5.104711e-05	1.716959e-04
## SPAC4D7.04c	-1.789486e-03	2.306015e-04	-1.841127e-03	-5.936775e-04
## SPAC4D7.05	-1.587934e-02	9.608751e-03	5.433127e-03	7.649775e-03
## SPAC4D7.06c	6.567182e-04	-1.953081e-03	-4.128187e-03	-2.728777e-03
## SPNCRNA.1077	-4.784431e-04	1.578338e-03	2.635415e-04	3.301723e-04
## SPAC4D7.07c	-1.231141e-03	-1.173233e-03	-1.561791e-03	-1.878381e-03
## SPAC4D7.08c	-1.278055e-02	1.079758e-02	-1.857992e-03	-2.309916e-02
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	1.371984e-04	3.704710e-04	5.336497e-05	1.855438e-04
## SPAC4D7.09	-7.948732e-03	5.819721e-03	3.188954e-03	-9.482149e-03
## SPAC4D7.14	6.070512e-04	1.117669e-03	-2.568873e-04	-5.855112e-04

## SPAC3G6.04	5.371999e-04	6.762557e-05	-5.085435e-04	-8.065308e-04
## SPAC3G6.06c	1.907638e-03	-5.733659e-05	-1.870609e-04	-1.966113e-03
## SPAC3G6.07	7.516889e-04	-9.581814e-04	-2.054474e-05	-4.882160e-04
## SPAC3G6.11	1.898749e-03	2.037743e-03	-2.260731e-04	5.285845e-04
## SPAC3G6.13c	-4.768504e-03	2.631538e-02	-9.059767e-02	4.632063e-02
## SPNCRNA.267	1.321992e-04	5.912066e-05	-7.329328e-05	-1.218096e-04
## SPAC29B12.02c	-2.772147e-04	3.923624e-03	-3.597842e-03	-1.095839e-02
## SPAC29B12.04	2.837600e-02	1.744345e-02	3.259923e-05	4.491810e-03
## SPAC29B12.05c	5.493670e-04	-5.720553e-04	-3.153955e-03	-2.724585e-04
## SPNCRNA.1081	-1.504025e-04	1.478363e-03	5.240956e-04	1.578699e-03
## SPAC29B12.06c	-1.930849e-03	1.299477e-03	-1.512711e-03	-2.841712e-03
## SPAC29B12.07	8.021412e-04	-4.419007e-03	-1.293374e-03	-3.722336e-03
## SPNCRNA.1082	5.532304e-04	2.527466e-04	-6.737306e-04	7.226703e-04
## SPNCRNA.270	-1.043820e-05	7.141137e-05	-1.022358e-04	-9.587028e-05
## SPAC29B12.08	9.226464e-05	-2.441135e-03	-3.616556e-03	-3.428025e-03
## SPAC29B12.10c	7.305818e-03	2.962809e-03	-1.878353e-02	-1.029634e-02
## SPAC29B12.11c	4.012817e-03	-3.217968e-03	1.791648e-03	-4.108654e-03
## SPATRNASER.04	1.242683e-03	-1.404370e-03	2.874240e-03	-1.284038e-03
## SPAC29B12.13	2.796043e-04	3.738230e-04	-6.709885e-04	-1.939857e-04
## SPNCRNA.271	6.629935e-06	1.133845e-04	3.188344e-04	-1.932327e-05
## SPNCRNA.272	2.280353e-05	2.318107e-05	2.784751e-07	1.241174e-04
## SPAC1039.01	-2.935387e-03	1.555517e-03	-5.298183e-04	-9.362270e-04
## SPAC1039.02	8.320378e-03	3.470236e-03	-8.606104e-04	4.623810e-03
## SPAC1039.03	-8.812397e-04	2.500251e-03	1.756731e-03	1.034316e-04
## SPAC1039.05c	7.461420e-04	1.102686e-03	-1.298003e-03	1.672714e-03
## SPNCRNA.1084	-2.224924e-04	1.848562e-04	2.784447e-04	1.240092e-04
## SPAC1039.06	1.500558e-03	-2.061265e-03	2.175995e-03	1.146726e-03
## SPNCRNA.1085	-2.813452e-05	3.312487e-04	5.188382e-06	-7.846728e-05
## SPAC1039.08	6.173712e-04	-4.066335e-04	1.498646e-04	5.777409e-04
## SPNCRNA.1086	-4.542200e-06	9.335285e-05	2.242656e-04	-5.275167e-04
## SPNCRNA.275	9.608772e-05	1.538528e-04	-5.966452e-05	3.727861e-05
## SPAC1039.09	4.724107e-04	-7.768427e-04	-3.031916e-05	5.756682e-04
## SPAC1039.11c	-7.364163e-04	1.599103e-05	-1.119264e-03	8.853066e-04
## SPNCRNA.1087	2.533624e-04	1.585374e-03	-1.995926e-04	3.182562e-05
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	2.303340e-04	2.448150e-04	-4.216128e-04	-5.703739e-04
## SPNCRNA.1089	-2.489178e-04	2.621148e-05	1.825745e-04	-7.237600e-05
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-1.889673e-03	4.870646e-02	-5.246352e-03	6.349743e-03
## SPNCRNA.278	6.745798e-05	3.894372e-04	-1.065458e-04	3.192114e-05
## SPAC922.06	-8.373669e-04	1.416579e-04	-1.372026e-03	-2.695708e-03
## SPAC922.07c	5.931104e-04	-2.389171e-03	-4.519832e-04	-1.654324e-03
## SPNCRNA.1090	-6.225759e-05	2.011730e-04	3.083944e-04	-3.312245e-04
## SPNCRNA.1091	-4.793732e-04	-1.868938e-04	5.865097e-04	-1.023085e-03
## SPNCRNA.1093	1.331780e-04	2.764281e-04	1.527255e-04	-4.876198e-05
## SPAC869.06c	-6.374190e-04	9.801155e-04	-1.115933e-03	-1.750620e-05
## SPNCRNA.279	-2.062925e-05	-5.235397e-05	-8.861072e-05	-6.020956e-05
## SPAC869.05c	-1.542023e-03	2.389842e-03	1.435210e-03	-1.253405e-03
## SPAC869.04	-9.527689e-06	3.689330e-05	-2.389750e-05	5.243238e-06
## SPAC869.03c	3.315520e-05	1.358675e-04	1.120579e-04	6.810570e-05
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	2.996371e-04	1.557592e-04	2.231797e-04	-8.525730e-05
## SPAC869.02c	2.082368e-03	9.680830e-04	8.852462e-04	7.821314e-03
## SPAC869.01	3.464963e-05	3.719288e-04	2.129332e-04	-7.496851e-05

## SPAC186.01	-5.068012e-04	1.160708e-03	4.281057e-05	-3.554221e-04
## SPNCRNA.96	-1.772063e-05	-2.292746e-05	-6.613760e-05	1.332530e-05
## SPAC186.03	4.738234e-05	-1.882275e-05	9.299531e-05	1.470305e-04
## SPAC186.04c	4.747149e-04	-6.747142e-04	-1.278599e-04	9.804008e-05
## SPAC186.06	8.178754e-05	2.874598e-04	-9.332856e-05	1.426326e-04
## SPNCRNA.310	1.730915e-05	-1.827017e-05	7.065713e-06	1.793216e-05
## SPAC750.01	4.590641e-04	4.004580e-03	-3.932509e-04	1.149949e-03
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	2.009322e-06	-1.102176e-04	7.409029e-05	-2.589323e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	-2.732130e-04	4.086928e-05	-1.736461e-04	1.122334e-04
## SPAC212.08c	2.155130e-04	-3.966000e-04	-2.673585e-04	-1.672077e-04
## SPAC212.07c	-2.643956e-05	1.405509e-04	-4.583417e-05	1.714405e-04
## SPAC212.06c	-7.582371e-05	3.214494e-05	2.197104e-04	2.868269e-04
## SPAC212.05c	2.663434e-05	-8.521499e-07	-2.298094e-05	3.277670e-05
## SPAC977.01	4.332831e-06	4.779261e-06	-2.569811e-05	-4.036774e-05
## SPAC977.18	5.548670e-05	-2.235694e-05	-5.094263e-05	3.404097e-05
## SPAC977.02	8.752927e-05	1.451385e-04	5.980927e-05	8.545419e-05
## SPAC977.06	6.423643e-05	-7.089530e-05	-2.799341e-05	2.504880e-06
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	9.225952e-05	-4.545817e-04	-9.293747e-04	-1.330625e-03
## SPAC977.10	3.813988e-03	2.301663e-03	-1.459848e-04	-9.006546e-03
## SPAC977.12	-8.912769e-04	3.639746e-03	-4.329978e-03	-3.359543e-03
## SPAC977.14c	-1.781505e-03	3.191203e-02	-9.533619e-03	1.177730e-02
## SPAC977.17	3.698851e-04	1.749344e-03	3.947015e-03	2.099926e-03
## SPNCRNA.137	-1.254903e-04	-2.465974e-05	6.074106e-08	1.169563e-04
## SPNCRNA.83	-3.971320e-04	-1.183094e-03	-5.337992e-04	8.208846e-04
## SPAPJ695.02	-6.895827e-04	2.383270e-04	-2.508614e-04	-4.253683e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	8.640976e-04	-3.974887e-04	1.510353e-04	1.185906e-03
## SPAC1F8.02c	-1.400922e-05	1.241261e-04	1.482836e-04	-7.534336e-07
## SPAC1F8.03c	-2.120755e-03	1.365373e-03	-8.481845e-04	9.464108e-03
## SPNCRNA.604	2.140113e-04	-3.132692e-04	5.910764e-04	8.471523e-04
## SPNCRNA.139	-4.892539e-06	-3.753481e-06	-2.806310e-06	-1.778278e-05
## SPNCRNA.605	-3.315627e-04	1.179153e-03	-1.130112e-03	-1.143046e-03
## SPAC1F8.04c	-5.637451e-04	4.294731e-04	2.575705e-04	3.318353e-04
## SPNCRNA.606	-6.760325e-04	2.695572e-04	-1.348961e-04	1.583399e-03
## SPAC1F8.05	5.729715e-04	7.823760e-05	-4.101534e-04	-3.012566e-04
## SPAC1F8.07c	-3.953482e-02	9.153236e-03	6.301714e-02	-8.907190e-02
## SPAC11D3.04c	-5.635585e-03	3.716279e-03	1.907136e-03	-3.822651e-03
## SPAC11D3.06	-1.146577e-03	5.897484e-04	-1.801893e-03	-2.573065e-03
## SPAC11D3.09	7.768168e-04	-3.470994e-04	1.976843e-03	5.363226e-05
## SPAC11D3.10	6.706254e-04	-2.446735e-03	-3.223517e-04	-8.684985e-04
## SPAC11D3.13	3.943669e-04	2.527883e-03	2.868031e-03	-5.669173e-03
## SPAC11D3.15	-2.828615e-03	3.335432e-03	2.452887e-03	-6.483123e-03
## SPAC11D3.17	7.145942e-04	2.552303e-03	-1.185095e-04	1.995794e-04
## SPNCRNA.611	-3.958968e-04	8.247535e-04	-5.914580e-04	-1.059059e-06
## SPAC5H10.02c	-2.226463e-05	1.065091e-03	-8.796608e-04	-1.878303e-03
## SPNCRNA.613	-7.901845e-04	-1.463054e-04	-2.295651e-04	8.803120e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	8.654005e-04	4.432969e-03	-2.488874e-03	-8.770326e-04
## SPAC5H10.07	-7.212024e-04	4.378670e-05	-6.291387e-05	8.156026e-04
## SPNCRNA.614	-2.007672e-04	-1.424370e-03	-1.100510e-03	-1.702636e-04
## SPNCRNA.615	-7.469137e-07	6.896740e-05	3.608908e-04	-1.135592e-04

## SPNCRNA.616	-2.650681e-04	4.480662e-04	-5.401188e-04	-8.570963e-04
## SPAC13G6.02c	-9.660173e-03	-4.906903e-02	-1.792980e-02	2.622409e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-6.159287e-04	-8.805778e-04	-3.303792e-03	5.101938e-03
## SPAC13G6.05c	9.907104e-05	1.593142e-03	2.171220e-03	2.918553e-04
## SPAC13G6.06c	5.012355e-03	3.904004e-04	-5.701514e-03	-1.472243e-03
## SPAC13G6.07c	-6.124573e-03	-4.776220e-02	1.135139e-02	1.050880e-02
## SPAC13G6.08	-6.384801e-04	-5.558026e-04	-3.163352e-04	-1.411019e-04
## SPNCRNA.619	1.261164e-03	-1.050634e-03	1.127248e-03	-9.939595e-04
## SPAC13G6.09	-2.127700e-03	-1.585101e-04	-3.369322e-03	1.274783e-03
## SPAC13G6.10c	3.168538e-02	1.744872e-02	9.574509e-03	-1.896826e-02
## SPAC13G6.11c	1.458463e-03	1.412178e-04	-6.868264e-04	5.633650e-03
## SPAC13G6.12c	1.114907e-03	2.645283e-03	-5.642766e-05	2.957542e-03
## SPAC13G6.13	-4.898535e-05	-1.158019e-05	-1.621503e-05	3.680160e-05
## SPAC24B11.06c	1.024401e-03	7.040055e-03	4.001780e-03	5.341101e-03
## SPNCRNA.622	3.940935e-04	4.840227e-04	-1.697733e-03	-4.075073e-04
## SPAC24B11.07c	2.549661e-04	-1.966353e-03	2.487979e-03	6.578616e-04
## SPNCRNA.623	1.647066e-04	-5.731559e-04	-6.743106e-04	1.316378e-03
## SPAC24B11.10c	-1.671976e-03	4.383183e-03	-3.960958e-03	-1.429188e-03
## SPAC24B11.14	4.463682e-05	-6.021003e-04	-7.984375e-04	-6.524565e-05
## SPAC24B11.13	1.233733e-03	4.025385e-03	-5.819483e-04	1.268721e-03
## SPAC806.03c	-1.454810e-03	9.246363e-03	4.014426e-03	7.263305e-04
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	-2.442909e-03	-2.461705e-03	-3.636337e-03	2.214412e-03
## SPAC806.05	-1.254738e-03	6.564464e-05	7.667113e-04	6.110414e-04
## SPNCRNA.629	7.796984e-06	8.681642e-04	-3.547037e-04	3.492148e-04
## SPAC806.08c	1.673527e-03	8.595099e-04	-2.428250e-03	1.233490e-03
## SPAC1639.01c	-9.410313e-03	5.752789e-03	-7.240041e-03	-1.900571e-03
## SPAC1639.02c	3.087169e-03	3.281158e-03	-1.531136e-03	-5.164476e-03
## SPNCRNA.631	-5.696526e-05	7.646159e-06	3.658621e-05	-2.609652e-05
## SPAC1F5.10	3.461789e-03	4.115782e-03	-6.566769e-03	-2.590007e-03
## SPNCRNA.634	1.498043e-03	1.187090e-05	-9.040102e-04	2.491597e-04
## SPAC1F5.09c	3.455741e-04	-7.316208e-04	-4.950617e-04	-3.977340e-04
## SPAC1F5.08c	7.212509e-04	-2.868093e-03	1.753156e-04	3.872486e-03
## SPAC1F5.06	-4.900369e-03	3.284860e-03	5.087597e-04	2.918476e-03
## SPAC1F5.05c	1.612492e-03	1.525637e-03	-6.785514e-04	-1.051983e-03
## SPAC1F5.03c	2.719425e-03	1.157498e-03	-6.574736e-03	-9.234027e-03
## SPAC18B11.11	-4.654855e-04	-2.994825e-03	-3.120321e-03	-3.800332e-03
## SPAC18B11.06	-3.472797e-05	2.876523e-03	6.486949e-04	-5.663450e-03
## SPAC18B11.05	1.061268e-04	-6.943695e-04	7.538679e-04	-2.424169e-05
## SPAC18B11.03c	2.708183e-03	-1.442534e-03	-1.175681e-03	-2.911237e-03
## SPAC12G12.16c	-1.078691e-03	2.738334e-03	6.764522e-04	-4.309187e-03
## SPAC12G12.13c	2.815448e-04	-1.749085e-03	-5.335374e-03	7.215130e-04
## SPAC12G12.12	1.302443e-03	2.687138e-03	-2.411021e-03	-5.665617e-04
## SPAC12G12.11c	-4.626750e-04	4.259959e-03	-4.974672e-03	1.588154e-03
## SPAC12G12.17	1.028745e-03	1.759896e-03	-2.232008e-03	1.280967e-03
## SPAC12G12.08	-5.273804e-03	-1.302914e-03	-4.603293e-03	1.199824e-04
## SPAC12G12.07c	1.617614e-03	-4.056238e-03	-1.362994e-03	-1.189271e-02
## SPAC12G12.05c	1.595422e-03	-4.375748e-04	-2.783978e-03	2.800296e-03
## SPSNORNA.29	-4.585410e-04	-1.960038e-03	8.691373e-04	-1.514373e-02
## SPAC12G12.04	2.842994e-02	-1.128565e-02	-2.969960e-02	1.579268e-03
## SPAC12G12.02	-1.909181e-03	1.748349e-03	-4.000319e-03	-3.433168e-03

## SPNCRNA.640	-1.830373e-04	-1.271833e-04	-1.469030e-04	-1.325819e-04
## SPAC12G12.01c	-3.408254e-03	3.553144e-03	3.060760e-03	-2.339991e-03
## SPAC630.04c	1.348419e-03	-1.897598e-03	-7.065106e-04	-1.408176e-03
## SPAC630.03	2.868570e-03	-2.909939e-03	1.290826e-03	5.064075e-03
## SPAC630.06c	-1.208176e-03	-2.452937e-03	-3.864896e-03	-6.016925e-04
## SPAC630.07c	3.936403e-04	1.584454e-03	1.504314e-03	-1.284220e-03
## SPNCRNA.641	-7.360229e-04	-7.040397e-05	-7.230679e-04	3.091837e-04
## SPAC630.08c	6.001127e-03	-5.887035e-03	-6.059738e-04	1.583982e-03
## SPNCRNA.642	5.917424e-05	3.402806e-04	-3.407518e-04	-1.488216e-04
## SPAC630.09c	-2.698979e-04	-9.253674e-04	1.195497e-03	-1.662237e-03
## SPAC630.10	-6.072243e-04	2.880102e-03	1.238263e-03	-8.408374e-04
## SPAC1751.03	-8.115570e-03	1.462062e-02	2.916744e-04	-1.236923e-02
## SPAC31A2.05c	-3.410277e-03	-6.376392e-03	-8.125688e-03	3.326769e-04
## SPAC31A2.08	-1.261226e-03	4.160527e-04	-4.318592e-04	-1.374609e-03
## SPAC31A2.10	3.305684e-04	-1.287731e-03	-2.638206e-03	-5.284359e-04
## SPAC31A2.15c	1.383957e-03	-1.923353e-03	-3.508252e-03	2.574644e-04
## SPAC13C5.02	-1.772494e-03	2.303104e-05	-3.890979e-03	3.716484e-03
## SPAC13C5.03	-3.445125e-04	-7.623218e-04	-2.334244e-03	-3.342016e-03
## SPSNORNA.01	-1.985463e-02	1.888271e-02	1.657189e-02	-2.017070e-02
## SPNCRNA.646	-1.456220e-04	1.418485e-04	-8.046681e-04	-1.100686e-03
## SPAC13C5.07	5.397685e-03	6.217181e-03	6.474105e-03	-2.882937e-02
## SPNCRNA.647	1.846667e-04	3.323097e-04	-6.046654e-04	-9.738255e-04
## SPNCRNA.648	8.145219e-04	-2.423836e-04	-5.158918e-04	-1.223453e-03
## SPAC23E2.01	-2.885683e-04	-3.847436e-03	-2.476855e-03	-1.190654e-03
## SPNCRNA.649	-1.027419e-04	-1.266670e-04	3.406905e-05	-7.526524e-05
## SPAC23E2.03c	8.629426e-04	1.051275e-04	-7.547020e-05	1.212708e-03
## SPNCRNA.650	2.034477e-04	-1.137720e-04	-1.047392e-04	4.327711e-04
## SPAC24H6.13	6.706363e-03	1.217977e-02	8.954147e-03	-1.229913e-02
## SPNCRNA.651	1.477521e-03	1.129390e-03	2.129299e-03	-1.852126e-04
## SPAC24H6.10c	4.447145e-03	-9.771397e-03	-3.531009e-02	-1.917482e-02
## SPAC24H6.08	-2.312173e-03	1.472320e-03	1.400986e-03	-1.274520e-03
## SPAC24H6.05	5.891020e-04	4.804847e-03	9.423041e-04	-3.682287e-03
## SPAC24H6.03	1.403146e-03	1.629009e-03	-1.582725e-05	1.260659e-03
## SPNCRNA.47	1.019217e-04	4.778702e-04	2.316376e-04	1.742625e-04
## SPAPB21F2.02	9.407077e-03	3.478388e-03	4.863063e-04	-3.347977e-03
## SPAPB21F2.03	-2.853069e-04	9.331137e-04	9.986413e-05	1.466143e-03
## SPAC227.01c	9.835866e-04	9.710855e-04	2.175347e-03	1.463505e-04
## SPAC227.02c	-1.656319e-03	-1.482056e-04	-5.012096e-03	3.024299e-04
## SPAC227.03c	-1.473511e-04	6.102176e-04	-1.530501e-03	-8.387078e-04
## SPNCRNA.656	-1.196540e-04	-3.143300e-04	-2.452542e-04	-6.302472e-04
## SPAC227.04	1.586507e-03	-1.982030e-03	-1.852313e-04	1.089658e-03
## SPNCRNA.658	1.886911e-04	-1.864393e-04	-4.757840e-05	-2.483140e-05
## SPAC227.14	4.447778e-04	-8.302282e-04	3.071505e-04	-2.041975e-03
## SPAC227.15	1.474528e-03	1.299552e-03	-1.314025e-03	2.939528e-03
## SPNCRNA.659	-7.847566e-04	-4.260996e-03	-6.630374e-03	-1.547789e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	-1.760733e-03	2.084513e-03	-5.632886e-03	-4.444885e-03
## SPAC227.18	-3.951495e-03	5.427883e-03	-9.102385e-04	8.370339e-03
## SPAC2F7.02c	1.074809e-03	1.487350e-03	-1.583404e-03	-1.021162e-03
## SPAC2F7.03c	1.134415e-03	8.537651e-04	-5.972624e-03	-1.484848e-03
## SPAC2F7.05c	2.148096e-02	1.966409e-03	-8.796975e-03	1.284158e-04
## SPAC2F7.06c	1.928635e-04	1.053819e-04	-1.638789e-04	1.040145e-04
## SPAC2F7.07c	-5.131299e-04	-4.631009e-03	1.435258e-03	2.738035e-03
## SPAC2F7.08c	-3.060717e-03	8.730552e-04	-2.135008e-04	-1.846220e-04

## SPAC2F7.09c	-1.546604e-03	2.680768e-03	-3.523157e-03	-2.611903e-03
## SPAC2F7.10	-5.700256e-04	-2.147165e-03	-2.657896e-03	7.702397e-03
## SPAC2F7.11	2.437938e-04	2.156861e-03	-2.045237e-03	-4.307950e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-3.949554e-03	-4.035370e-04	2.445180e-03	-3.612405e-03
## SPAC2F7.16c	-9.012815e-04	-6.806870e-04	3.375574e-04	-8.528715e-03
## SPAC2F7.17	-3.244375e-03	6.515336e-04	-3.099046e-03	-4.531186e-04
## SPAC13A11.02c	1.010079e-04	-1.589843e-02	7.745604e-03	-1.122496e-02
## SPNCRNA.155	-1.268637e-05	1.496693e-04	8.805835e-05	-1.132856e-04
## SPNCRNA.662	3.109734e-04	3.347727e-04	9.627963e-05	-1.395224e-04
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-2.136688e-03	1.228545e-03	1.699796e-04	5.510183e-04
## SPAC3H8.05c	2.801302e-03	-3.794716e-03	2.496732e-03	5.725509e-03
## SPNCRNA.664	-1.723273e-04	5.591472e-04	6.706374e-04	-5.146640e-04
## SPNCRNA.665	-5.921329e-05	-1.344458e-04	-1.574890e-04	3.873284e-05
## SPAC3H8.06	4.349303e-03	-3.345849e-03	-4.408880e-03	8.427382e-03
## SPAC3H8.07c	-4.915644e-04	1.854089e-03	-7.776683e-04	-2.468989e-04
## SPNCRNA.666	-6.419512e-04	1.947457e-03	-2.674239e-04	-1.905890e-03
## SPAC3H8.09c	-5.462885e-05	2.156669e-04	2.386297e-03	-2.366408e-03
## SPAC1F3.07c	6.747223e-04	8.394622e-04	2.422612e-03	-4.910273e-04
## SPNCRNA.668	6.978738e-04	1.029445e-03	-1.339372e-03	-5.934666e-04
## SPAC1F3.08c	-3.800421e-06	-1.304838e-06	1.473492e-05	-1.705561e-05
## SPAC1F3.09	1.208004e-03	1.349613e-03	-1.790492e-03	-8.884125e-03
## SPNCRNA.669	-1.678736e-04	4.350560e-04	6.671122e-04	-3.332593e-04
## SPAC1F3.10c	1.891295e-03	-6.903443e-04	-1.368480e-03	-1.079661e-04
## SPAC1D4.04	1.990957e-03	1.885905e-02	-2.109673e-03	-6.910904e-03
## SPAC1D4.06c	6.174095e-04	-1.567476e-03	-1.154566e-03	3.040894e-03
## SPAC1D4.08	2.954854e-03	1.385979e-04	-3.384340e-03	1.348210e-03
## SPAC1D4.09c	1.570238e-03	8.133064e-04	4.189325e-04	-2.910672e-03
## SPAC1D4.11c	-2.096982e-03	3.257655e-03	-1.930196e-03	-1.435499e-03
## SPNCRNA.672	1.050270e-03	1.658419e-03	1.167241e-03	-2.690413e-06
## SPNCRNA.673	8.209086e-05	-2.202148e-04	2.137584e-04	-6.920418e-06
## SPAC1D4.13	1.375628e-03	4.785866e-03	2.480009e-03	-6.010656e-03
## SPNCRNA.674	9.882298e-04	9.100459e-04	2.682165e-04	-1.414076e-04
## SPAC22F3.12c	-1.999657e-04	-1.282219e-03	1.673569e-04	1.330948e-03
## SPAC22F3.09c	5.800960e-04	2.545652e-03	7.384119e-05	2.535249e-03
## SPAC22F3.15	-1.058071e-04	-7.246986e-04	-1.651372e-03	4.035101e-04
## SPAC22F3.06c	1.684012e-03	4.756925e-03	-1.183724e-02	3.326687e-03
## SPAC22F3.04	-1.817338e-04	2.001954e-04	-7.960921e-05	9.171507e-05
## SPATRNAVAL.02	-1.506156e-02	-2.783268e-02	2.611932e-02	7.315314e-02
## SPAC22F3.02	4.214304e-04	-7.694554e-05	-4.247708e-04	8.248812e-04
## SPAC1296.01c	3.392777e-03	-1.706048e-03	5.525098e-03	-2.473139e-03
## SPAC1296.02	2.326034e-03	1.737342e-03	-1.753864e-03	2.574812e-03
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	-1.553524e-03	-1.151598e-03	-1.834482e-03	-1.854424e-03
## SPAC1296.06	2.383130e-03	1.102065e-03	-1.426612e-03	-2.315881e-03
## SPAC22G7.02	3.951577e-05	1.778687e-03	1.074673e-03	8.564636e-04
## SPAC22G7.04	-2.570579e-03	-5.811658e-03	-4.221658e-03	3.575844e-03
## SPAC22G7.06c	-2.205294e-02	-1.704844e-02	-1.704626e-02	-1.070967e-01
## SPAC22G7.07c	2.263650e-03	1.671160e-03	5.535219e-04	1.072304e-04
## SPAC22G7.08	1.429319e-03	-1.683857e-05	1.309876e-03	9.672023e-04
## SPAC22G7.11c	2.069429e-03	5.824542e-04	-1.760885e-04	-5.841948e-04
## SPNCRNA.679	8.817700e-04	-4.669930e-04	-6.502478e-05	-2.035992e-04
## SPNCRNA.680	1.236184e-04	-1.324297e-04	-1.268957e-04	8.643745e-05

## SPAC4G8.04	-6.099182e-04	-1.237494e-03	-1.421350e-03	1.147908e-03
## SPAC4G8.05	-2.004012e-03	-4.447894e-03	-1.021366e-03	2.293717e-03
## SPAC4G8.07c	-1.009861e-03	3.743267e-04	-8.318045e-04	-1.673731e-03
## SPNCRNA.681	-1.332907e-05	1.757047e-06	2.249062e-05	-3.704771e-05
## SPNCRNA.682	-1.447967e-03	2.634368e-04	-3.646296e-04	-3.342578e-04
## SPAC4G8.09	3.855747e-03	1.223961e-03	-6.804476e-04	-8.421690e-03
## SPNCRNA.683	-5.209610e-04	7.302175e-04	-3.628675e-04	-8.092247e-04
## SPAC4G8.10	7.299038e-04	2.176039e-03	-5.528868e-04	-1.629529e-03
## SPNCRNA.684	-6.383294e-04	-6.160051e-04	-1.967301e-04	4.636922e-04
## SPAC16C9.01c	9.489525e-04	7.425633e-04	-2.298047e-03	-5.330649e-03
## SPNCRNA.685	-2.455276e-04	5.111612e-05	-3.406824e-04	-1.557264e-04
## SPNCRNA.686	8.035225e-04	7.408053e-05	1.056849e-03	-7.324052e-04
## SPAC16C9.02c	-5.227189e-04	9.549766e-03	-2.076397e-02	-1.564141e-03
## SPAC16C9.03	5.202649e-03	-6.359519e-03	1.343940e-03	2.588749e-04
## SPAC16C9.04c	1.444354e-03	-5.094692e-04	-4.101366e-03	-1.770191e-03
## SPNCRNA.687	-4.565047e-05	5.238312e-05	-4.096441e-04	1.156626e-03
## SPAC16C9.06c	-6.478674e-04	9.561455e-04	-2.021291e-03	7.070030e-03
## SPAC16C9.07	2.282164e-03	6.611873e-04	-5.572368e-03	-2.769386e-03
## SPAC2G11.04	2.100506e-04	2.913292e-04	6.134613e-04	2.025223e-03
## SPAC2G11.05c	2.272874e-03	2.508204e-03	1.126102e-04	-5.167176e-04
## SPAC2G11.08c	1.135200e-03	1.443688e-03	-5.968870e-04	3.685510e-04
## SPAC2G11.10c	7.750677e-04	7.972486e-04	-1.397418e-03	-1.461884e-03
## SPNCRNA.689	1.808530e-04	2.671547e-04	-5.925978e-04	-4.089891e-04
## SPAC2G11.11c	2.221402e-03	-1.511683e-03	8.446174e-05	-3.270020e-03
## SPNCRNA.690	1.112090e-04	-6.336707e-05	-4.032838e-04	3.153505e-04
## SPAC2G11.13	6.650155e-04	2.811048e-03	4.607691e-04	2.639973e-03
## SPAC2G11.14	4.216368e-03	-1.232414e-03	-1.613359e-03	-2.310431e-03
## SPAC2G11.15c	1.489534e-04	1.039378e-03	6.065833e-04	1.110313e-03
## SPAC521.04c	5.266710e-03	4.501368e-03	3.832221e-03	-7.205946e-03
## SPNCRNA.693	5.215616e-06	-6.033049e-07	4.017881e-05	1.216509e-04
## SPAC23G3.02c	-7.197964e-03	1.116683e-03	-7.043243e-03	2.866356e-03
## SPAC23G3.03	-2.382726e-03	1.932094e-03	-1.688461e-03	1.834556e-03
## SPAC23G3.05c	-5.647044e-05	3.141593e-03	-2.216624e-04	-3.785745e-03
## SPAC23G3.09	1.182501e-04	1.360562e-03	-1.382496e-03	5.878134e-04
## SPAC23G3.11	-1.254393e-02	8.870390e-03	6.442716e-03	-7.518912e-03
## SPAC23G3.12c	3.039861e-03	4.776138e-03	7.882319e-03	-1.007590e-02
## SPAC22H12.03	-1.157804e-03	-2.096719e-03	7.324132e-04	9.114005e-04
## SPAC22H12.04c	8.306359e-02	-8.297963e-02	-1.532231e-02	6.363154e-03
## SPAC1687.02	-1.247446e-03	1.878017e-03	-1.828787e-04	-9.181205e-04
## SPAC1687.03c	2.985630e-03	1.985556e-03	-5.125928e-03	1.257296e-03
## SPNCRNA.695	-5.852018e-04	2.627868e-04	3.254354e-04	-1.818906e-04
## SPRRNA.12	5.237209e-02	-2.527376e-02	-2.196790e-01	-5.102975e-02
## SPAC1687.07	4.097530e-04	-1.028726e-03	-8.010712e-04	-1.667400e-03
## SPAC1687.08	-2.816651e-04	-3.613500e-04	-2.705541e-04	-8.037836e-05
## SPAC1687.09	-3.396201e-03	6.827550e-03	-5.345932e-03	2.491373e-03
## SPAC1687.10	1.795215e-03	-1.353295e-03	1.575440e-03	-3.948775e-03
## SPAC1687.13c	-1.126957e-03	-1.416943e-03	-1.060123e-03	2.018422e-04
## SPAC1687.23c	2.305119e-05	1.439515e-05	2.638859e-05	4.888927e-06
## SPAC1687.15	1.363551e-03	-1.319741e-03	-2.932628e-03	4.288174e-03
## SPNCRNA.697	5.606003e-04	-2.717821e-04	-2.854527e-04	-1.811836e-06
## SPAC1687.21	-6.840971e-03	6.001855e-03	-4.209836e-03	-2.014581e-03
## SPAC1687.22c	4.762654e-03	-8.772680e-04	2.834696e-04	-8.917621e-04
## SPNCRNA.698	-4.103609e-04	5.037654e-04	1.353771e-03	-8.664379e-05
## SPNCRNA.699	1.370765e-04	-8.915452e-04	-4.414224e-04	1.956225e-05

## SPAC222.05c	6.516888e-04	-2.382990e-03	-2.454318e-04	-9.048751e-04
## SPNCRNA.700	1.581881e-04	6.116447e-04	5.986783e-05	6.777055e-04
## SPATRNAGLU.02	-1.243837e-01	-4.092683e-02	-8.548053e-02	6.864186e-02
## SPAC222.09	6.075082e-03	5.387935e-03	1.839900e-03	-4.208220e-04
## SPAC222.10c	1.507744e-03	-2.123403e-03	-1.416711e-03	-2.221767e-03
## SPAC222.11	1.187749e-04	-4.178327e-03	-1.667143e-03	-5.851369e-03
## SPAC222.12c	-2.679921e-02	-6.009936e-02	-2.257149e-02	1.964201e-02
## SPAC222.13c	-3.548633e-04	-1.133746e-03	1.285926e-04	-3.882471e-03
## SPAC222.14c	2.473489e-03	-8.047163e-04	2.654786e-03	3.791109e-03
## SPNCRNA.50	-1.130165e-05	1.196268e-04	-9.511668e-05	-1.745132e-04
## SPAC821.03c	1.733253e-03	3.190094e-03	-2.079129e-03	-1.009956e-03
## SPAC821.04c	-1.603191e-03	2.324729e-03	9.683851e-04	7.004422e-04
## SPSNRNA.03	-4.094534e-02	3.984753e-02	-9.767889e-02	7.315798e-02
## SPAC821.07c	-4.122157e-03	2.828179e-03	-4.167031e-04	-2.680156e-03
## SPNCRNA.163	-1.466291e-04	4.587349e-05	-1.544867e-04	9.622232e-05
## SPNCRNA.164	3.078705e-05	5.732263e-05	2.188447e-05	-3.824029e-05
## SPAC821.11	2.672683e-03	4.282291e-03	-5.728643e-03	2.527478e-03
## SPAC821.13c	3.506428e-03	2.000677e-04	-5.744948e-03	6.653136e-04
## SPAC139.03	2.690081e-03	1.934610e-03	3.974070e-04	-6.944625e-04
## SPAC139.04c	2.204728e-03	3.065142e-04	4.540961e-04	1.607035e-03
## SPNCRNA.705	-1.131276e-04	-1.657069e-05	-6.851736e-05	6.702083e-05
## SPAC139.05	-4.273814e-02	1.954280e-02	-1.776072e-02	1.768469e-04
## SPNCRNA.706	-5.863369e-04	1.353026e-03	-2.002338e-04	-8.585616e-04
## SPAC139.06	5.466313e-04	4.030504e-03	1.128782e-04	2.766926e-03
## SPNCRNA.707	-4.896975e-04	-5.886794e-04	-3.410569e-05	2.076133e-04
## SPAC23C4.02	-7.408007e-04	3.583291e-04	-4.830935e-03	-1.933057e-03
## SPAC23C4.04c	-3.250464e-04	1.272396e-03	-4.281369e-04	6.882203e-04
## SPAC23C4.07	9.128038e-04	1.954204e-03	1.062136e-03	-2.589195e-03
## SPAC23C4.08	5.950152e-03	3.703430e-03	-4.813447e-03	3.809525e-03
## SPNCRNA.708	-1.879707e-04	-9.393768e-04	1.747918e-04	-4.454490e-04
## SPAC23C4.12	-1.463246e-03	-1.430760e-04	-1.990022e-03	8.079931e-04
## SPAC23C4.16c	-5.124545e-03	1.186436e-03	1.532785e-03	-2.290775e-03
## SPNCRNA.709	1.260958e-04	-2.783944e-04	-1.254657e-03	1.146707e-03
## SPNCRNA.166	-1.018165e-04	-1.398862e-04	8.287109e-05	-6.571560e-05
## SPAC23C4.19	3.191473e-03	-2.840156e-03	-3.892445e-05	-3.233981e-03
## SPAC1A6.11	1.577295e-04	2.254980e-04	2.144925e-04	1.971983e-06
## SPAC1A6.05c	4.603491e-03	6.002230e-03	-2.306919e-03	-1.649033e-03
## SPAC1A6.07	-3.725704e-03	4.108241e-03	-4.216568e-03	-2.663935e-04
## SPAC1A6.09c	-1.122468e-04	3.794595e-03	-1.315180e-02	2.420307e-04
## SPAC1A6.10	8.114622e-03	4.386674e-03	3.015118e-03	4.546782e-03
## SPAC30D11.13	1.200481e-03	-7.231955e-04	-2.204617e-03	1.611479e-03
## SPAC30D11.12	-1.145076e-02	-8.015158e-03	6.837021e-05	8.704335e-03
## SPAC30D11.11	-7.636031e-03	1.391252e-02	5.418565e-03	-2.884077e-03
## SPAC30D11.10	1.474115e-03	-2.474660e-03	-3.577066e-03	1.108578e-03
## SPNCRNA.712	5.576482e-04	1.016607e-05	-2.109725e-04	-1.854878e-04
## SPAC30D11.09	2.399229e-03	-1.142826e-05	9.371019e-04	-5.225728e-05
## SPAC30D11.08c	1.195278e-03	-7.690397e-04	-1.333263e-03	1.375998e-03
## SPAC30D11.04c	2.299146e-03	-2.459816e-03	1.078352e-03	-7.574842e-03
## SPAC30D11.03	3.620173e-03	3.766195e-03	4.596162e-03	2.512650e-03
## SPAC30D11.01c	3.558218e-04	-2.653371e-03	2.176320e-03	-8.158231e-04
## SPNCRNA.713	-1.719989e-04	3.198662e-04	1.467125e-04	5.235504e-04
## SPNCRNA.714	-7.424889e-05	-8.981765e-05	-9.356214e-05	6.033287e-05
## SPAC56F8.03	2.295137e-03	9.141569e-03	-1.663743e-02	-1.749702e-02
## SPAC56F8.05c	-3.516792e-03	1.019472e-02	-6.478640e-03	3.831929e-03

## SPNCRNA.715	7.748305e-04	-2.828912e-05	3.625883e-04	-3.781013e-04
## SPAC56F8.07	-2.601031e-03	-6.324079e-04	6.996197e-04	-9.604954e-05
## SPAC56F8.08	-5.955522e-03	-2.901081e-03	-2.023969e-03	-7.463372e-03
## SPAC56F8.10	2.660840e-03	-2.066665e-03	7.084860e-03	-5.627707e-03
## SPAC56F8.11	1.612671e-03	2.624620e-03	-5.732180e-03	4.880032e-04
## SPAC56F8.14c	-3.134553e-03	1.706480e-03	-1.613052e-03	-3.104817e-03
## SPAC56F8.13	3.692221e-04	2.298771e-04	-1.912176e-04	2.315333e-04
## SPAC56F8.15	4.120424e-04	1.468583e-03	7.356194e-04	8.006668e-05
## SPAC22A12.01c	1.373858e-03	3.995601e-03	-2.370923e-03	5.853925e-04
## SPAC22A12.03c	-1.425188e-03	2.673823e-03	-3.503403e-04	-3.167756e-03
## SPAC22A12.05	-1.200862e-03	1.380813e-03	-3.113406e-03	3.060671e-03
## SPAC22A12.06c	-1.406946e-03	3.444105e-03	-1.492249e-04	8.383138e-04
## SPNCRNA.718	-2.228944e-04	5.488837e-04	-9.587163e-04	5.164263e-04
## SPAC22A12.13	1.428342e-03	-1.232599e-03	-2.194122e-03	1.434846e-03
## SPAC22A12.15c	3.619625e-02	2.127181e-02	2.481435e-02	1.210543e-02
## SPAC22A12.16	-1.330783e-02	4.466154e-03	4.458153e-03	-1.480735e-02
## SPAC4C5.01	3.131704e-03	2.579795e-03	-2.359718e-03	1.878441e-03
## SPATRNAALA.02	-3.120924e-03	-1.871059e-03	1.653881e-03	1.184059e-03
## SPNCRNA.722	-2.074853e-03	-6.909843e-04	4.028869e-04	-4.440601e-04
## SPAC4C5.04	-7.186022e-05	2.846064e-03	-5.798140e-04	-8.178482e-04
## SPNCRNA.723	4.359324e-04	1.180578e-03	3.487734e-04	-7.161725e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	4.677977e-02	2.065582e-02	-1.064393e-02	-1.547031e-02
## SPAC10F6.04	1.968738e-03	1.697809e-03	-1.666103e-03	-2.517471e-03
## SPAC10F6.06	1.227519e-02	1.099554e-02	3.948755e-02	-2.406234e-02
## SPAC10F6.07c	1.726953e-04	-4.609157e-04	-5.942722e-04	7.232611e-06
## SPNCRNA.554	-2.978491e-06	-1.122802e-04	-5.097293e-04	1.053988e-04
## SPAC10F6.08c	6.284701e-04	-1.308952e-03	-7.316844e-04	-3.827310e-04
## SPAC10F6.09c	-3.342845e-03	2.499098e-03	5.224074e-03	-2.047874e-03
## SPAC10F6.11c	4.370644e-03	-9.429719e-04	5.694801e-04	7.930358e-04
## SPAC10F6.12c	-1.891586e-03	3.588122e-03	-4.012765e-03	-2.266326e-03
## SPAC10F6.13c	-6.577280e-03	1.504788e-02	-1.353290e-02	5.381232e-03
## SPAC10F6.14c	2.583020e-03	2.406662e-03	8.583157e-04	3.235850e-04
## SPNCRNA.82	2.753589e-05	7.389705e-05	-6.599876e-05	1.549120e-04
## SPNCRNA.727	3.715735e-04	-7.538186e-04	-2.779830e-04	2.418477e-03
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	1.206667e-03	4.823078e-05	1.336201e-03	-2.430624e-03
## SPNCRNA.729	9.213625e-05	3.975933e-05	-3.609546e-05	-1.898109e-04
## SPAC10F6.16	4.791132e-03	-7.800061e-04	-7.107525e-03	-7.446943e-03
## SPAC56E4.02c	-1.738381e-03	1.157259e-04	-1.804650e-05	-1.664243e-03
## SPAC56E4.04c	-2.729218e-02	4.579783e-02	-3.203397e-03	-3.809261e-02
## SPAC56E4.05	9.111199e-04	-1.073533e-03	-1.827687e-03	3.171550e-04
## SPAC56E4.06c	-6.715508e-05	-2.537654e-03	-3.099877e-03	-2.892307e-03
## SPAC1420.01c	3.620832e-03	3.194949e-03	-4.270827e-03	-3.824083e-03
## SPAPB17E12.04c	-8.786055e-04	-1.516280e-03	-3.219274e-03	2.924906e-03
## SPAPB17E12.06	-8.381064e-04	7.908007e-05	-1.809380e-03	1.204885e-03
## SPAPB17E12.07c	4.433770e-04	-1.439171e-03	4.530897e-04	-2.046479e-03
## SPAPB17E12.08	1.118721e-03	1.071457e-03	-4.706060e-04	-6.701059e-04
## SPAPB17E12.10c	2.122809e-03	7.422746e-04	-4.901444e-06	-1.922212e-03
## SPAPB17E12.09	1.156761e-04	4.721573e-05	3.067680e-04	3.426417e-04
## SPAPB17E12.12c	-8.843172e-04	-2.382193e-04	8.510192e-04	-5.570686e-04
## SPAPB17E12.14c	-3.925347e-03	2.473838e-03	-2.607108e-03	-7.209588e-03
## SPAPB17E12.13	-2.001063e-03	-1.471153e-02	-1.334360e-03	-2.359592e-02
## SPAC1565.01	2.361692e-03	-4.450415e-03	-3.403572e-03	6.702428e-03

## SPAC1565.02c	2.611807e-03	-1.115180e-03	1.359526e-03	1.392753e-03
## SPAC1565.04c	4.076081e-04	8.536061e-04	-5.512379e-04	-4.088937e-04
## SPNCRNA.169	6.369819e-05	-8.186385e-05	1.515604e-05	2.566743e-05
## SPAC1565.08	-3.687332e-03	-3.202738e-02	-1.718761e-02	-6.436459e-03
## SPAC6F12.02	-2.118474e-03	2.133404e-03	-1.634921e-03	-1.723240e-03
## SPAC6F12.03c	1.096641e-03	6.597088e-04	-1.114875e-03	2.023914e-03
## SPAC6F12.04	-2.223546e-04	4.263936e-03	-2.879464e-03	5.209592e-03
## SPAC6F12.05c	2.752880e-03	-1.292665e-03	-5.689055e-04	5.646289e-04
## SPAC6F12.10c	4.817861e-03	3.353806e-02	-2.488893e-02	-5.306588e-03
## SPNCRNA.734	-1.514972e-06	-2.704272e-05	-1.550542e-06	-8.370959e-05
## SPAC6F12.11c	-1.271546e-04	3.701966e-03	-4.882727e-04	-3.153296e-03
## SPAC6F12.14	-9.987475e-04	2.782167e-03	-1.381526e-03	-8.077499e-04
## SPNCRNA.735	-5.815193e-04	8.867020e-04	-2.048591e-04	-7.036680e-05
## SPAC6F12.16c	-1.126240e-03	5.460740e-03	-1.150835e-02	-1.563964e-02
## SPAC6F12.17	-2.542102e-03	6.504738e-03	2.158278e-04	-5.536137e-03
## SPNCRNA.736	6.109333e-04	2.952477e-04	-8.098012e-04	6.453627e-04
## SPNCRNA.737	5.166244e-04	9.843181e-05	4.926116e-05	5.933277e-04
## SPAC57A10.02	1.947954e-03	2.995058e-04	8.564495e-04	2.346597e-03
## SPNCRNA.739	6.848491e-04	-6.318192e-04	-1.436769e-04	1.256850e-03
## SPAC57A10.04	-4.337297e-04	-4.339550e-04	-2.418288e-05	1.324023e-03
## SPAC57A10.14	-1.496102e-04	2.153548e-03	-1.995064e-03	-1.381093e-03
## SPAC57A10.10c	5.853769e-03	-1.050065e-02	2.883049e-03	1.752463e-03
## SPAC57A10.11c	-4.635950e-03	5.938503e-04	1.105469e-03	-6.920074e-03
## SPAC20G8.01	-3.189533e-03	2.633469e-03	-3.027284e-04	-1.813903e-03
## SPAC20G8.02	1.512084e-03	3.808986e-03	-3.411199e-03	-2.970835e-03
## SPNCRNA.58	1.218593e-03	-5.195344e-04	1.088354e-03	6.905757e-05
## SPAC20G8.03	-4.689298e-03	3.844105e-03	1.196345e-02	8.155250e-03
## SPNCRNA.740	-1.282852e-05	1.991116e-03	-3.895539e-04	2.265278e-03
## SPAC20G8.07c	2.953709e-03	2.636150e-03	-3.114915e-03	-2.413356e-03
## SPATRNCACYS.01	-3.406496e-03	1.211385e-03	1.670388e-03	4.902712e-03
## SPAC3A12.02	1.519533e-04	2.861708e-06	-1.133388e-03	9.784503e-04
## SPAC3A12.03c	-2.811039e-03	4.665026e-03	-2.092914e-03	-1.080706e-03
## SPAC3A12.05c	6.695992e-03	-1.906751e-03	-2.494310e-03	1.096204e-04
## SPAC3A12.06c	3.493729e-04	1.313125e-03	2.882688e-03	2.391189e-03
## SPAC3A12.08	-2.216586e-03	-6.362275e-04	9.934659e-05	-7.296179e-04
## SPAC3A12.09c	-1.431297e-03	-7.136494e-04	-4.369226e-03	1.533445e-03
## SPAC3A12.10	2.414702e-03	-1.082711e-02	2.876251e-02	-1.674725e-02
## SPAC3A12.12	-2.939893e-04	-5.877847e-04	-2.438552e-03	-1.190023e-03
## SPAC3A12.13c	1.636038e-03	-4.810242e-03	-1.073536e-02	-6.225484e-03
## SPATRNCAPRO.03	-7.918831e-03	6.555626e-03	5.552226e-03	-4.208298e-03
## SPAC3A12.16c	2.698792e-03	3.620409e-03	5.290938e-03	6.303061e-03
## SPAC3A12.17c	2.192285e-04	1.062088e-03	6.089877e-04	-1.705911e-03
## SPAC9.02c	-2.263671e-03	2.268649e-03	-4.732006e-03	-2.375220e-03
## SPAC9.04	9.056964e-05	-1.999735e-05	-3.687869e-05	1.314696e-04
## SPAC9.07c	1.464867e-03	4.411232e-03	-1.052445e-02	-3.665626e-03
## SPNCRNA.742	2.814185e-04	7.061688e-04	-4.934180e-04	-6.267048e-04
## SPATRNCAMET.02	1.298084e-05	-2.171178e-02	5.236459e-02	4.313448e-02
## SPAC9.11	6.431273e-05	-6.442114e-04	-3.364737e-04	-1.823961e-03
## SPAC9.12c	-2.908698e-04	1.088214e-03	-9.666659e-04	7.073119e-04
## SPAC9.13c	8.806237e-04	1.797118e-03	6.989826e-04	1.323212e-03
## SPAC5D6.13	-1.536170e-03	-3.518313e-03	-5.719971e-03	3.425687e-03
## SPAC5D6.08c	-6.628885e-04	3.378965e-04	8.737091e-05	-1.309389e-03
## SPAC5D6.06c	-6.117563e-04	1.057914e-05	-1.779442e-03	5.069861e-04
## SPAC5D6.05	-9.879001e-04	-1.463791e-03	-2.199944e-03	4.399710e-04

## SPAC5D6.01	-1.510274e-02	1.482160e-02	-5.275598e-03	-1.909322e-03
## SPNCRNA.173	3.975247e-05	-1.307466e-04	-1.695726e-04	2.915520e-04
## SPAC57A7.13	5.873323e-04	4.534329e-03	2.501724e-03	-1.814757e-03
## SPAC57A7.12	-1.964819e-02	5.210505e-03	-7.961425e-03	-1.620155e-02
## SPAC57A7.11	-1.596969e-03	4.061135e-03	-2.924641e-05	2.225933e-03
## SPAC57A7.09	2.710739e-03	-1.216633e-03	-1.947820e-03	1.155625e-03
## SPATRNALEU.01	1.091936e-02	-2.200320e-03	-3.343129e-03	-5.623056e-03
## SPAC57A7.07c	-3.629842e-04	2.730152e-03	-1.350541e-03	-9.963604e-04
## SPNCRNA.744	4.225070e-05	-6.446702e-04	-1.466504e-04	-3.770667e-04
## SPAC57A7.05	-1.512602e-02	8.642387e-03	-6.750944e-03	3.540936e-03
## SPAC57A7.15c	3.007121e-04	1.225003e-03	8.777998e-05	-2.011944e-04
## SPAC167.06c	1.070220e-03	-2.717411e-04	-9.819697e-04	-2.334041e-03
## SPAC167.02	-7.611365e-04	-3.546983e-03	1.469171e-04	1.653955e-03
## SPAC167.03c	1.706389e-03	2.784982e-03	-2.138404e-03	-1.795367e-03
## SPAC167.01	1.747573e-03	-8.496679e-04	-1.310235e-03	1.480672e-03
## SPNCRNA.555	1.913154e-05	-4.765650e-05	-1.862340e-04	-5.932232e-06
## SPRRNA.53	-1.055589e-01	-6.891646e-02	-7.248655e-02	-1.212501e-01
## SPAC1705.02	5.654059e-04	9.401249e-04	-2.476389e-03	-1.756252e-03
## SPNCRNA.175	-1.916627e-05	2.141769e-04	4.952388e-05	-3.319118e-04
## SPAC23H4.18c	-2.024769e-03	-2.503765e-03	-1.527361e-04	-1.277104e-03
## SPAC23H4.14	-1.201027e-03	5.110729e-04	-1.543492e-03	1.387792e-03
## SPAC23H4.11c	-1.413840e-03	1.310801e-03	-1.714068e-03	1.430508e-03
## SPAC23H4.10c	3.034612e-03	2.899124e-03	-1.675143e-03	3.785384e-03
## SPAC23H4.09	-4.645927e-03	2.211593e-03	-1.511127e-02	2.044533e-02
## SPAC23H4.06	1.256131e-02	-2.766240e-02	8.995866e-03	-1.754248e-02
## SPAC23H4.03c	-1.484210e-03	3.538472e-03	-1.777825e-03	-1.135667e-03
## SPAC23H4.02	-4.236791e-04	2.892537e-03	1.040218e-04	9.967824e-04
## SPAC23H4.01c	-4.137194e-03	7.541410e-03	2.391860e-03	-8.805735e-04
## SPAP27G11.02	1.520463e-03	-2.434158e-03	-2.799999e-05	4.229181e-03
## SPNCRNA.748	3.008840e-05	4.080944e-05	-1.059159e-04	-2.238739e-05
## SPAP27G11.04c	-1.496843e-03	8.805578e-04	2.172863e-03	3.240551e-04
## SPAP27G11.06c	-1.074240e-03	2.733062e-03	1.267714e-03	8.753218e-04
## SPAP27G11.07c	-1.408492e-03	-9.432548e-05	-1.461815e-03	6.789772e-04
## SPAP27G11.08c	-1.706278e-04	-8.216405e-05	-6.724243e-04	-9.461389e-04
## SPAP27G11.10c	-6.183456e-03	-4.588029e-03	3.944190e-03	-8.445338e-03
## SPAP27G11.11c	1.475937e-04	1.589999e-04	3.305188e-04	-1.242637e-04
## SPNCRNA.750	-9.160906e-05	5.068371e-05	4.311787e-05	1.012993e-04
## SPAP27G11.16	5.624923e-04	-6.348402e-05	-6.960604e-04	-6.819430e-04
## SPAP27G11.12	-1.651778e-03	6.170859e-03	-3.870553e-03	-4.355961e-03
## SPAP27G11.13c	4.218840e-03	-2.837346e-03	-8.052581e-03	6.299137e-03
## SPAC343.02	-1.536590e-03	-1.261884e-03	-1.027376e-03	-1.647778e-04
## SPATRNAGLY.01	-6.032915e-03	-6.070292e-03	8.818001e-03	-2.902711e-03
## SPNCRNA.751	-1.487068e-04	6.305051e-04	1.942265e-04	2.453334e-04
## SPAC343.06c	2.095079e-03	-5.012839e-05	3.337760e-04	-1.743422e-04
## SPAC343.09	-2.553554e-03	-1.901741e-03	-1.376464e-03	-6.255971e-03
## SPNCRNA.753	-1.074620e-04	-2.039041e-04	-6.845003e-05	4.109305e-04
## SPAC343.21	3.868814e-04	1.236759e-03	6.745993e-04	-5.723110e-04
## SPAC343.12	-8.998169e-02	5.120508e-02	1.180738e-03	-4.544347e-02
## SPAC343.13	7.251301e-04	-3.950779e-04	6.841789e-04	7.714747e-04
## SPAC343.14c	-2.966385e-03	2.728776e-03	-1.858139e-03	-2.703220e-03
## SPAC343.16	1.874858e-03	2.369864e-02	-5.674912e-03	1.421510e-03
## SPAC343.18	9.906877e-04	7.782880e-04	-1.173367e-03	8.190976e-04
## SPAC343.19	5.311394e-03	3.843108e-03	-3.157138e-03	-1.763871e-03
## SPAC824.02	2.469443e-04	2.292131e-03	-5.080965e-04	1.909025e-03

## SPAC824.03c	2.599446e-03	2.786873e-03	-3.196928e-03	5.843921e-03
## SPNCRNA.755	2.099133e-04	9.298668e-05	3.544826e-04	-5.024560e-04
## SPAC824.06	-2.477378e-03	-6.336384e-04	-2.237289e-03	2.646651e-03
## SPAC824.09c	9.629098e-04	4.953238e-04	-2.528940e-03	1.510446e-03
## SPNCRNA.177	-1.599552e-04	-2.174996e-04	-5.539501e-06	-1.341417e-04
## SPAC664.01c	-3.843710e-04	4.590478e-03	-5.847362e-03	-5.069701e-03
## SPAC664.02c	1.321337e-03	-9.483366e-05	-3.551786e-03	-3.645824e-03
## SPAC664.05	2.574092e-02	-8.808488e-03	-1.372798e-02	1.457083e-02
## SPNCRNA.756	6.009163e-04	8.436774e-04	-6.521844e-04	6.423075e-06
## SPAC664.06	6.222021e-03	-3.653823e-03	-1.595404e-02	-5.878243e-03
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	1.144835e-04	-7.391532e-05	2.387038e-04	1.626607e-04
## SPAC664.13	2.442513e-04	5.515393e-04	-1.805942e-04	-8.296508e-04
## SPATRNALYS.02	2.573428e-04	-2.128718e-03	1.365968e-03	2.490177e-04
## SPAC664.15	-1.844097e-03	-1.540405e-03	-2.339460e-03	1.402619e-04
## SPAC105.02c	-8.664342e-04	8.651657e-04	2.421451e-03	2.292428e-03
## SPATRNATYR.01	1.598495e-05	-1.946371e-03	-1.731695e-03	-4.488169e-03
## SPAC105.03c	-1.456339e-03	6.444626e-04	-2.372059e-03	1.504363e-03
## SPAC17A5.01	2.636771e-03	-3.073021e-03	-3.453773e-03	9.168888e-04
## SPNCRNA.759	4.245618e-04	7.719416e-04	2.783323e-04	-4.320472e-04
## SPNCRNA.556	-2.629340e-05	6.733278e-05	3.678234e-04	1.339532e-04
## SPAC17A5.05c	-1.010867e-03	-3.234781e-05	7.543543e-05	2.223553e-03
## SPAC17A5.07c	2.734349e-03	7.103490e-04	-1.443138e-03	-1.274242e-03
## SPAC17A5.09c	-1.717289e-03	5.629183e-04	-4.308674e-03	-4.171620e-03
## SPATRNAILE.01	-1.067122e-03	-2.266451e-03	4.457548e-04	-1.669307e-03
## SPNCRNA.760	-4.231004e-04	1.202083e-04	1.024207e-04	4.465938e-04
## SPNCRNA.761	1.020669e-04	7.167591e-04	2.943960e-04	-9.170854e-04
## SPAC17A5.13	9.629854e-05	4.310384e-03	1.162851e-03	1.016722e-03
## SPAC17A5.15c	-2.881008e-03	2.103084e-03	-1.747694e-02	-2.633599e-02
## SPNCRNA.762	-2.383910e-03	3.983447e-03	-1.737742e-03	2.387568e-03
## SPAC1002.01	3.715843e-04	-1.666292e-04	5.224465e-04	-3.296574e-04
## SPAC1002.06c	-7.236025e-05	-8.130608e-05	-4.551762e-04	-1.945072e-04
## SPAC1002.07c	-2.963160e-03	2.228327e-03	-1.195355e-03	3.744536e-03
## SPAC1002.08c	-1.708605e-03	-1.597185e-03	1.394676e-04	5.152295e-04
## SPNCRNA.763	-1.056453e-03	-7.645253e-04	-8.119414e-05	7.122461e-04
## SPAC1002.10c	1.778549e-03	2.838382e-04	-2.650815e-03	1.145892e-03
## SPAC1002.11	1.778620e-03	9.888495e-04	2.176735e-03	-3.948468e-05
## SPAC1002.13c	7.535949e-02	-4.720188e-03	1.699870e-02	2.920612e-02
## SPAC1002.15c	9.952425e-05	-7.981264e-04	-1.466430e-03	5.549892e-04
## SPAC1002.14	4.060242e-03	-2.057603e-03	5.194191e-03	-1.194927e-03
## SPAC1002.16c	-1.568376e-04	-5.946401e-04	-2.851985e-04	4.735610e-04
## SPAC1002.17c	2.366828e-02	-2.339219e-02	2.018333e-02	1.800112e-02
## SPAC1002.18	1.678544e-02	-1.659805e-02	1.705692e-02	1.549024e-02
## SPAC1399.05c	1.188524e-03	6.349327e-04	3.075269e-04	-1.235604e-03
## SPNCRNA.764	-5.719747e-04	-1.810490e-04	-6.030559e-04	2.300058e-04
## SPNCRNA.178	-7.526070e-04	-1.078218e-04	-6.760901e-04	-3.981366e-04
## SPAC1399.02	1.330775e-03	9.979894e-04	-4.812931e-04	-4.190693e-04
## SPAC1399.06	1.671309e-04	-1.928788e-04	2.049988e-04	-1.079856e-04
## SPAP11E10.01	-2.087706e-03	-2.468809e-03	2.370325e-03	8.743352e-04
## SPAPB1A10.03	-5.143744e-04	-4.931717e-05	5.993690e-04	-4.620899e-04
## SPAPB1A10.16	1.079125e-03	-1.466597e-03	-1.782011e-03	-3.340293e-04
## SPAPB1A10.04c	-1.105994e-03	5.048644e-04	-4.645164e-04	-9.301218e-04
## SPNCRNA.765	-7.482344e-05	1.388145e-03	7.489647e-05	1.087852e-04
## SPAPB1A10.05	4.323856e-04	-1.202414e-03	9.439899e-04	9.667555e-04

## SPNCRNA.766	2.158335e-04	6.482450e-04	5.304997e-06	6.047180e-04
## SPAPB1A10.09	-1.947846e-03	3.427513e-04	2.186772e-03	2.648243e-03
## SPAPB1A10.13	1.391757e-03	-1.212637e-03	-5.401400e-04	-7.464691e-04
## SPAPB1A10.14	9.699409e-05	-5.628684e-05	-1.529353e-03	2.374233e-03
## SPAPB1A10.15	1.102444e-03	6.851735e-04	6.426992e-04	9.296861e-04
## SPAC140.01	2.731942e-03	-1.000908e-02	5.047096e-03	-1.066796e-02
## SPAC140.03	-1.643582e-03	2.422740e-03	-1.455795e-03	9.521414e-05
## SPNCRNA.182	-6.396571e-06	6.247093e-06	6.926587e-06	-4.088767e-05
## SPNCRNA.772	-2.132354e-05	-2.475541e-04	-6.164888e-04	3.465983e-04
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	1.364578e-04	1.672771e-04	6.486757e-04	-1.088737e-04
## SPAC110.01	-2.392071e-03	3.210265e-03	2.053888e-03	-9.946082e-04
## SPAC110.03	-5.789338e-03	-1.039934e-02	-8.181268e-03	-6.868021e-03
## SPNCRNA.774	-5.245895e-04	3.323797e-04	2.917501e-05	-1.656928e-05
## SPAC3H1.01c	-2.076059e-03	-3.473239e-03	-4.905137e-03	-5.085348e-03
## SPAC3H1.02c	2.231953e-03	2.058108e-03	-3.321326e-03	-3.989381e-04
## SPAC3H1.04c	7.759228e-04	1.464378e-03	1.335230e-03	1.931978e-03
## SPAC3H1.05	2.018398e-04	6.554884e-03	6.221107e-03	4.680617e-03
## SPAC3H1.06c	-3.896128e-04	-5.322883e-03	-1.088580e-03	5.076691e-03
## SPAC3H1.07	2.248700e-02	9.590986e-03	-4.009973e-03	-1.414646e-02
## SPAC3H1.09c	3.994646e-04	1.522337e-03	-4.949464e-04	1.234649e-03
## SPNCRNA.777	-1.791073e-03	-2.474105e-04	-1.047196e-03	-1.123168e-03
## SPNCRNA.781	5.508391e-04	6.878004e-04	-1.506921e-04	9.762302e-04
## SPNCRNA.783	-1.721099e-04	2.553457e-04	-1.721574e-05	4.194567e-04
## SPNCRNA.784	1.247138e-04	1.622912e-04	-6.529584e-04	1.334027e-04
## SPAC3H1.12c	-9.563773e-04	-6.111913e-04	8.532256e-05	1.349581e-03
## SPAC3H1.13	-1.086983e-04	1.441880e-05	-1.666101e-03	6.606612e-05
## SPNCRNA.530	1.666049e-02	-9.694727e-03	-5.933658e-03	4.135614e-03
## SPAC9G1.14	-1.793663e-04	-2.562529e-06	5.465902e-04	4.528142e-04
## SPAC9G1.02	3.459610e-03	5.897181e-03	-1.033572e-03	-4.238025e-03
## SPAC9G1.03c	-4.815524e-03	-1.837391e-02	-7.526365e-03	-2.183678e-02
## SPAC9G1.04	-1.312595e-03	2.530358e-03	1.521628e-03	-3.303784e-03
## SPAC9G1.08c	2.054785e-04	1.412656e-03	-9.230781e-04	3.846028e-03
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	5.627891e-04	-1.346422e-03	-1.155364e-03	2.047331e-03
## SPAC9G1.10c	5.750601e-04	-1.700049e-03	1.079959e-03	-2.729291e-03
## SPAC9G1.13c	-2.084471e-03	2.396551e-03	5.868240e-04	-1.972563e-03
## SPNCRNA.785	-2.420330e-03	1.735025e-04	-1.235956e-03	1.685166e-03
## SPAC17H9.02	1.405045e-03	8.966251e-03	3.211697e-03	1.562627e-04
## SPAC17H9.03c	-1.091320e-03	-2.255617e-03	-2.917476e-03	1.937573e-03
## SPAC17H9.04c	6.624366e-03	-1.001607e-02	-8.415274e-03	-3.828894e-03
## SPNCRNA.787	-5.163439e-05	6.034274e-05	-2.313266e-04	-8.543574e-06
## SPAC17H9.09c	4.287595e-04	-1.496181e-03	-3.946554e-03	4.204766e-03
## SPAC17H9.10c	4.875621e-03	2.815079e-04	-7.661468e-03	1.757466e-03
## SPAC17H9.12c	1.129951e-03	-1.957581e-03	1.230651e-04	-2.372351e-03
## SPAC17H9.13c	3.320049e-03	1.579491e-04	-7.230532e-03	1.727287e-03
## SPAC17H9.14c	-1.080024e-02	1.843661e-02	-1.214834e-03	-7.003658e-03
## SPNCRNA.184	7.601615e-05	1.731253e-04	-1.023868e-04	2.600743e-04
## SPAC17H9.16	6.027805e-03	3.244179e-04	-1.602059e-02	1.008255e-02
## SPAC17H9.17c	-2.920187e-04	-2.545407e-03	-3.154391e-03	-7.943005e-04
## SPAC17H9.20	-2.366318e-05	-1.579335e-03	-2.204809e-03	1.068332e-03
## SPAC607.03c	8.503850e-03	2.503500e-02	-2.395828e-02	-3.819551e-03
## SPNCRNA.185	5.209166e-05	-1.103380e-04	-2.315849e-05	-2.406654e-05
## SPAC607.04	8.673698e-04	-8.532307e-04	6.910095e-07	-2.756094e-03

## SPAC607.05	-6.171536e-03	1.901341e-03	-3.857899e-03	2.959484e-03
## SPAC607.06c	1.627611e-04	4.013647e-03	-8.145698e-04	1.036985e-03
## SPAC607.09c	1.211318e-03	-1.105400e-03	9.554700e-06	2.016105e-03
## SPAC732.01	-6.706314e-04	2.906923e-03	-1.726695e-03	2.373773e-03
## SPAC732.02c	-3.406278e-04	4.059675e-03	-1.760754e-03	3.903810e-03
## SPAC3C7.02c	-1.166090e-03	1.373603e-03	1.401952e-03	5.363694e-04
## SPNCRNA.791	1.532984e-04	-1.863464e-05	-3.371713e-04	-4.793455e-04
## SPAC3C7.08c	2.921030e-04	-8.683301e-03	2.394078e-03	-2.444328e-02
## SPAC3C7.09	-9.647976e-04	-4.821336e-04	1.641563e-04	5.631520e-04
## SPNCRNA.793	4.954625e-04	1.130125e-03	4.661870e-05	-1.272238e-03
## SPNCRNA.794	2.656177e-04	4.530285e-04	-4.699528e-04	2.683319e-04
## SPAC25A8.03c	1.056910e-03	-1.295684e-03	-9.139555e-04	1.560305e-03
## SPAC25A8.02	1.593950e-03	1.233111e-03	1.763745e-03	1.419614e-03
## SPAC631.02	-5.369921e-03	-3.320750e-04	-8.286659e-03	5.451468e-03
## SPAC20H4.02	1.887594e-03	1.970270e-04	-2.948258e-03	-4.743515e-03
## SPAC20H4.03c	-2.553182e-03	1.173100e-03	-6.187170e-04	-8.340310e-04
## SPAC20H4.04	1.627105e-04	-6.223991e-05	-1.069793e-03	3.547595e-03
## SPAC20H4.08	1.659880e-03	1.825924e-03	-9.599995e-04	-1.296331e-03
## SPAC20H4.09	-6.730145e-04	-3.759861e-03	-3.722739e-03	4.350505e-03
## SPNCRNA.797	8.936544e-04	-6.188264e-04	9.050379e-04	-1.510397e-03
## SPAC20H4.10	5.335730e-04	2.379179e-04	-2.715926e-03	-5.717889e-03
## SPAC23C11.01	2.335234e-03	-1.438013e-03	-1.832093e-03	-4.593535e-04
## SPAC23C11.03	3.464032e-03	4.044641e-03	-5.189198e-03	-2.063703e-03
## SPAC23C11.04c	-1.737603e-03	2.409784e-03	-2.358359e-04	-3.048219e-04
## SPAC23C11.05	9.890293e-03	-4.222047e-02	-3.024608e-02	1.279905e-02
## SPAC23C11.08	-8.442923e-04	6.890352e-05	-1.490369e-03	-6.117259e-06
## SPNCRNA.799	-3.473250e-04	-3.862105e-04	-2.628376e-04	-4.512187e-04
## SPAC23C11.09	1.024913e-02	3.143970e-02	-1.222993e-02	-1.349601e-02
## SPAC23C11.10	-6.156740e-04	-2.000774e-04	-1.110435e-04	3.200772e-06
## SPAC23C11.11	3.196270e-05	6.295954e-04	-8.223855e-04	-2.611166e-03
## SPNCRNA.800	-9.506607e-04	2.147858e-03	1.824387e-03	8.120085e-05
## SPAC23C11.14	8.214101e-04	1.055779e-02	-4.778809e-03	1.174294e-03
## SPAC23C11.15	3.231316e-03	1.866731e-03	-2.363814e-03	7.316603e-04
## SPAC23C11.17	6.026667e-04	-2.666904e-03	1.453820e-02	-4.134764e-03
## SPAC13F5.01c	1.112601e-03	3.946460e-04	-3.192352e-03	6.890619e-04
## SPAC13F5.02c	6.498908e-03	5.856326e-04	2.484980e-03	9.374509e-05
## SPNCRNA.801	4.000512e-04	5.719803e-04	-3.450291e-04	-6.587416e-04
## SPAC13F5.06c	1.908711e-03	2.248097e-04	-6.125054e-03	8.657701e-04
## SPNCRNA.802	8.825366e-05	4.832392e-04	7.091447e-05	3.612053e-04
## SPAC13F5.07c	-1.834582e-04	2.915310e-04	-1.792623e-04	1.940417e-03
## SPAC1783.02c	-1.017751e-03	3.151942e-03	-2.271558e-03	1.209277e-03
## SPAC1783.04c	2.559428e-03	-9.683090e-04	1.207329e-03	2.191339e-03
## SPNCRNA.803	-2.192486e-04	-1.701002e-04	-7.106530e-05	-1.612820e-04
## SPAC1783.06c	-5.187740e-04	4.484063e-05	-1.187651e-04	1.027964e-03
## SPNCRNA.804	-3.840652e-05	5.697813e-04	-4.706752e-04	-6.772361e-04
## SPAC1783.07c	-1.117051e-04	-3.472427e-03	-2.129796e-03	-5.367330e-03
## SPAC1783.08c	2.196184e-02	1.089364e-02	4.444954e-03	-9.948048e-03
## SPAC1327.01c	1.164013e-03	2.478739e-03	-4.841009e-03	-2.024891e-03
## SPAC18G6.01c	-5.410619e-05	2.396628e-03	-2.517725e-03	-3.714527e-04
## SPAC18G6.02c	-4.901345e-04	1.285260e-03	-6.431773e-04	-1.923604e-03
## SPATRNAVAL.03	-6.335559e-03	-7.006732e-03	2.864704e-03	8.969193e-04
## SPAC18G6.04c	-1.325395e-03	2.251336e-03	9.856645e-04	1.107406e-04
## SPAC18G6.05c	-9.505142e-03	4.006497e-03	-1.666243e-05	-6.410628e-03
## SPAC18G6.06	5.495926e-04	1.164131e-03	-1.148978e-03	3.240961e-03

## SPAC18G6.07c	-5.631615e-03	-5.554265e-03	-4.331050e-03	-2.339137e-03
## SPAC18G6.09c	-5.731148e-03	3.311948e-03	2.978727e-03	-6.608128e-04
## SPAC18G6.10	-8.239959e-05	2.033516e-03	1.412522e-03	5.632763e-05
## SPAC18G6.11c	3.806041e-03	6.770207e-03	2.047093e-03	-2.803733e-03
## SPAC18G6.12c	8.861154e-04	6.189585e-04	-1.783944e-03	-2.504960e-03
## SPNCRNA.806	3.413435e-04	3.764781e-04	2.969868e-05	7.693919e-05
## SPAC18G6.13	-1.294497e-04	1.447217e-04	2.595795e-04	-1.017979e-03
## SPAC18G6.14c	-1.706958e-02	-1.863922e-02	3.460260e-02	3.459124e-02
## SPAC13D6.02c	4.983865e-03	1.667057e-02	-6.731636e-04	-2.640302e-03
## SPNCRNA.189	-2.805153e-04	3.740553e-05	1.247732e-04	3.211957e-04
## SPATRNAGLY.02	-3.589384e-03	-3.659332e-03	4.030035e-03	2.662967e-03
## SPAC13D6.04c	1.800119e-04	-8.678029e-04	-2.228127e-03	-6.698577e-04
## SPAC13D6.05	-3.043200e-03	1.795725e-03	-9.929849e-04	-4.087165e-03
## SPAC4G9.02	6.015772e-04	4.250576e-03	1.001281e-03	-4.902062e-03
## SPAC4G9.07	2.932241e-04	-3.885526e-04	-1.179450e-03	1.644970e-04
## SPAC4G9.08c	2.376904e-03	2.365018e-03	1.414312e-03	3.038516e-05
## SPAC4G9.13c	2.443665e-03	-3.494783e-03	-2.778683e-03	-1.590304e-03
## SPAC4G9.16c	1.632604e-02	1.866279e-02	-1.317581e-02	3.303906e-02
## SPAC4G9.17c	-1.633215e-03	-4.443517e-04	-4.932935e-03	-4.211820e-03
## SPAC4G9.22	1.829886e-04	-1.685852e-03	1.704278e-03	1.847966e-03
## SPNCRNA.811	1.561902e-04	5.112485e-04	-1.599131e-05	-8.899766e-05
## SPNCRNA.190	-6.686486e-04	4.881549e-04	7.100225e-05	-3.796042e-04
## SPAC13G7.07	-7.186992e-04	5.380843e-04	-1.003884e-03	4.287927e-04
## SPAC13G7.08c	-9.721957e-04	-1.671110e-03	-4.776022e-03	-4.635460e-03
## SPAC13G7.09c	-3.546239e-04	6.816041e-04	2.499690e-04	-3.405657e-04
## SPAC13G7.11	2.785011e-04	4.366852e-03	1.596488e-03	-3.674391e-03
## SPAC6C3.02c	-1.054424e-02	1.542198e-03	3.864739e-04	-1.053544e-03
## SPAC6C3.04	1.346434e-03	-2.755366e-03	-1.468468e-04	4.111638e-03
## SPNCRNA.814	-4.533030e-04	-8.980229e-04	-1.530817e-04	-2.314118e-04
## SPAC6C3.06c	-3.403470e-03	7.885550e-03	-1.259512e-02	2.562722e-04
## SPAC6C3.07	1.617811e-04	-1.102384e-04	-2.651458e-04	-1.915035e-04
## SPAC17G8.01c	7.005032e-04	4.661247e-03	-5.227028e-03	-4.473027e-03
## SPAC17G8.02	-1.115197e-03	2.779908e-04	5.585479e-04	-1.955006e-03
## SPAC17G8.05	8.770837e-04	-2.262620e-05	-1.160057e-03	5.378143e-04
## SPAC17G8.07	1.396532e-04	-1.851058e-03	1.703616e-03	-3.770676e-03
## SPAC17G8.09	8.535601e-04	3.154911e-04	1.026503e-04	-6.650739e-04
## SPAC17G8.10c	3.546647e-03	-2.746250e-03	1.765896e-03	-6.839953e-04
## SPNCRNA.817	-3.506906e-05	-7.162000e-05	1.114246e-04	-8.910048e-05
## SPAC17G8.12	3.720237e-05	-4.423581e-03	-1.584007e-03	1.314393e-03
## SPNCRNA.192	-3.205907e-04	1.161373e-04	9.224658e-05	1.259079e-04
## SPNCRNA.819	6.644632e-05	-6.768908e-05	-9.356846e-05	-6.259742e-04
## SPAC22H10.03c	-3.537705e-03	8.017454e-03	2.741164e-03	-4.517928e-03
## SPNCRNA.821	-4.501095e-04	-1.732360e-05	-2.000626e-04	-2.929111e-04
## SPAC22H10.13	-2.618955e-03	2.751511e-03	2.478147e-03	-7.110339e-04
## SPAC22H10.09	4.261206e-03	4.913070e-03	-1.437881e-03	6.331535e-03
## SPAC22H10.10	-1.952028e-03	3.277256e-03	-2.034023e-03	7.119278e-04
## SPAC15F9.02	-2.248526e-03	4.507539e-03	1.482222e-03	7.884017e-03
## SPAC15F9.03c	-2.143640e-03	3.618694e-03	2.350706e-03	5.227779e-04
## SPAC1B9.02c	1.019755e-03	-1.226202e-03	6.268631e-03	3.152915e-03
## SPAC1B9.03c	4.774647e-03	-7.476090e-03	-1.014953e-02	1.447030e-03
## SPAC6B12.03c	1.621305e-03	-8.224055e-04	6.693323e-04	-4.122867e-05
## SPAC6B12.18	1.268247e-03	7.378022e-03	2.765152e-04	3.515906e-03
## SPAC6B12.07c	-6.774359e-03	-8.905975e-03	-9.616718e-04	1.349865e-02
## SPAC6B12.08	-1.896163e-06	-1.482677e-03	-4.677687e-04	-5.108805e-05

## SPAC6B12.13	-3.022087e-03	-4.618459e-03	6.498745e-04	3.147059e-04
## SPNCRNA.195	-1.917362e-04	-1.080863e-04	1.735048e-04	-1.759059e-04
## SPAC6B12.15	-2.905800e-03	-3.880338e-02	-2.353328e-02	2.749987e-02
## SPATRNALYS.03	-9.705831e-04	8.317506e-04	1.164153e-03	9.125308e-05
## SPAC32A11.02c	2.400167e-02	5.068621e-02	6.668622e-02	4.585154e-02
## SPNCRNA.828	2.454295e-03	7.597605e-04	5.145771e-03	1.019246e-03
## SPNCRNA.829	5.753349e-04	8.910671e-04	1.147352e-03	2.902010e-04
## SPAC19A8.13	1.351955e-03	-1.871284e-03	-1.592941e-03	1.065663e-03
## SPAC19A8.12	-6.209912e-04	-7.777424e-05	-2.971887e-03	-1.873496e-03
## SPAC19A8.11c	2.307494e-03	1.732423e-03	7.967518e-04	1.748895e-03
## SPAC19A8.10	-6.656222e-04	3.385398e-03	-1.218945e-04	-3.475627e-03
## SPAC19A8.09	4.543070e-04	-1.252110e-03	1.741701e-03	1.215088e-03
## SPAC19A8.08	-7.851568e-05	-1.166134e-03	-4.799350e-03	-2.548468e-03
## SPNCRNA.286	-4.345640e-05	-7.217854e-05	-1.829858e-04	-1.058809e-04
## SPAC19A8.07c	-1.894298e-03	-2.900927e-04	-7.450749e-03	4.772540e-04
## SPAC19A8.05c	4.988719e-03	4.831901e-04	-1.050115e-03	1.057759e-03
## SPAC19A8.04	5.166891e-05	1.200278e-04	7.242873e-03	-5.745825e-03
## SPAC19A8.03	3.759861e-04	4.343535e-03	-1.104970e-03	-1.093879e-03
## SPAC19A8.02	-7.824542e-04	3.065257e-03	-4.579621e-03	3.349979e-03
## SPAC19A8.01c	-4.181316e-03	-1.656480e-03	7.494052e-04	9.279070e-04
## SPAC23H3.04	-5.369766e-04	-8.453933e-04	-2.663835e-03	-1.574601e-03
## SPAC23H3.05c	1.342622e-03	6.394645e-03	3.872578e-03	-1.997009e-03
## SPAC23H3.06	3.335170e-05	-9.656715e-05	4.729745e-05	2.775222e-04
## SPAC23H3.08c	-4.419230e-04	2.178659e-03	-2.035829e-03	-1.241956e-03
## SPAC23H3.13c	-3.216876e-03	-2.440340e-03	-1.724963e-03	-9.898929e-04
## SPNCRNA.197	-9.584163e-05	1.291129e-04	6.063697e-05	1.417774e-05
## SPNCRNA.831	-6.677870e-05	1.112302e-05	1.280693e-04	6.955423e-06
## SPAC23H3.15c	5.030088e-02	1.159401e-03	2.281458e-02	9.497398e-03
## SPNCRNA.833	-1.317880e-04	7.351128e-04	-1.351190e-03	-4.699957e-04
## SPAC25H1.04	3.261791e-03	-8.828953e-04	2.354115e-03	3.121317e-03
## SPAC25H1.05	5.509822e-03	1.229017e-03	1.172671e-03	-3.142285e-04
## SPAC25H1.06	2.020002e-03	-3.869448e-04	-5.089204e-03	1.869331e-03
## SPAC25H1.07	5.722136e-03	-2.607790e-04	-1.254189e-02	-1.577438e-02
## SPAC25H1.08c	7.824543e-03	3.394677e-03	-5.969798e-03	-1.154096e-02
## SPAC4A8.04	-1.982189e-02	5.512952e-03	-1.013501e-02	-6.779405e-03
## SPAC4A8.05c	3.277171e-03	9.321390e-03	2.464183e-03	5.066298e-04
## SPNCRNA.836	1.701851e-03	7.982460e-04	-1.360603e-03	-8.099001e-04
## SPNCRNA.837	-5.926200e-04	-7.668412e-04	2.370214e-06	1.496710e-03
## SPAC4A8.07c	-1.073496e-03	5.753247e-03	1.125686e-03	-2.109114e-03
## SPAC4A8.08c	1.820703e-03	1.596535e-03	-1.104490e-02	2.399888e-04
## SPNCRNA.838	-9.217622e-05	5.669933e-04	-6.831161e-04	2.221974e-04
## SPSNRNA.06	-4.936769e-02	2.847272e-02	-3.315725e-02	1.047079e-01
## SPAC4A8.10	3.319498e-03	6.458817e-03	2.359784e-03	-2.937740e-03
## SPNCRNA.839	2.018526e-04	5.875864e-04	-4.706275e-04	1.574444e-03
## SPAC4A8.12c	-5.608660e-05	1.224191e-03	-7.330353e-04	9.918453e-04
## SPAC4A8.14	-3.472809e-03	2.022418e-03	-4.174797e-03	-2.325355e-03
## SPATRNAILE.02	-6.356709e-03	-1.688006e-02	1.617840e-02	1.364437e-02
## SPAC823.03	2.470514e-03	2.664277e-03	1.186373e-02	3.932261e-03
## SPAC823.07	1.123401e-03	-7.144202e-04	-3.925590e-03	3.419447e-03
## SPNCRNA.199	-1.859660e-04	1.093018e-04	6.773782e-04	-5.383669e-04
## SPAC823.11	-1.323556e-04	2.268446e-03	2.270490e-03	7.051880e-03
## SPAC823.12	1.535630e-03	9.954905e-03	-2.526517e-03	-3.266996e-03
## SPAC823.13c	2.200395e-04	2.520821e-03	-4.591552e-04	4.694748e-04
## SPAC823.14	2.767847e-03	3.653240e-03	-2.436673e-04	-1.428985e-03

## SPNCRNA.841	-8.657525e-05	-8.037536e-04	3.162715e-04	1.461290e-03
## SPAC823.16c	3.406782e-04	6.164892e-04	-4.672540e-04	2.687543e-03
## SPAC7D4.14c	-1.378544e-03	-9.993239e-04	-4.630390e-04	-1.962758e-03
## SPAC7D4.11c	-7.634275e-04	-1.208404e-03	-3.494666e-03	-6.649785e-04
## SPAC7D4.09c	6.924986e-04	2.565616e-03	-1.978096e-03	2.065512e-03
## SPAC7D4.08	-1.034728e-03	-1.201960e-04	-4.331831e-04	7.510401e-04
## SPAC7D4.06c	-1.532452e-03	-1.978387e-03	2.395196e-03	-1.410745e-03
## SPAC7D4.04	-1.273650e-03	9.451928e-03	5.416626e-04	-2.423801e-03
## SPAC7D4.03c	4.832249e-03	3.742969e-03	9.230501e-03	-3.986262e-03
## SPAC4F8.15	5.110526e-04	4.770188e-03	3.029810e-03	-6.545691e-04
## SPAC4F8.14c	-4.028288e-03	-4.757790e-03	1.219823e-02	-1.317235e-02
## SPNCRNA.843	-6.187777e-05	-3.538370e-04	-3.869404e-04	1.136823e-04
## SPAC4F8.12c	4.087997e-03	5.802696e-03	-1.201109e-02	-7.176653e-03
## SPNCRNA.326	-1.018169e-04	1.194668e-04	-7.543090e-05	-2.175511e-05
## SPAC4F8.10c	2.893051e-04	-1.085140e-04	-2.355918e-03	-9.157116e-05
## SPNCRNA.200	-6.399264e-05	1.101447e-04	4.755947e-05	8.083951e-05
## SPAC4F8.07c	-4.217486e-03	-6.852232e-02	-2.571237e-02	6.068131e-02
## SPAC4F8.03	1.400457e-03	-1.434164e-03	-1.574743e-03	3.373412e-03
## SPAC4F8.02c	8.587831e-04	-3.694535e-04	-1.293575e-03	-8.564293e-04
## SPAC4F8.01	1.275580e-03	-4.573826e-04	-6.622315e-04	4.060519e-05
## SPAC644.04	2.227480e-03	3.776240e-03	-1.284901e-03	3.173920e-03
## SPAC644.05c	1.046459e-03	-2.263879e-04	-1.765159e-04	-1.703353e-04
## SPAC644.08	1.698942e-03	9.784667e-04	5.348174e-03	-4.871728e-05
## SPAC644.11c	-6.660366e-04	6.883886e-04	-5.729815e-03	-1.750912e-03
## SPNCRNA.202	1.585366e-05	-3.977918e-05	-2.687019e-05	7.066936e-05
## SPAC644.14c	4.271678e-04	1.728506e-03	-4.652713e-04	-5.948658e-04
## SPAC644.15	1.235600e-02	3.977741e-03	-2.671651e-02	-1.678874e-02
## SPAC644.16	4.726951e-03	-1.039047e-03	-6.149781e-03	-1.747935e-03
## SPNCRNA.845	2.854085e-04	-1.101367e-04	1.883117e-04	-3.597752e-04
## SPAPB2B4.02	5.238172e-04	2.428460e-03	-5.338333e-03	3.664366e-04
## SPAPB2B4.03	2.045789e-03	1.037874e-03	-2.025550e-03	-1.317748e-03
## SPAPB2B4.04c	-1.346616e-02	9.503252e-03	-8.451895e-04	-3.024996e-03
## SPAC6F6.02c	1.848311e-03	5.931117e-04	-2.855773e-03	-5.231302e-04
## SPAC6F6.03c	7.850757e-03	1.205730e-02	7.423170e-04	8.516621e-04
## SPAC6F6.04c	3.015014e-03	-8.924091e-04	-1.066092e-03	5.749129e-04
## SPNCRNA.848	-2.075384e-04	-2.550944e-04	4.563462e-05	4.161367e-04
## SPAC6F6.08c	7.176658e-04	-8.720849e-04	-1.779844e-03	-1.213660e-03
## SPAC6F6.09	1.458120e-03	-4.074389e-04	7.065696e-04	-8.841365e-04
## SPAC6F6.10c	3.920583e-03	-5.758624e-03	1.879081e-03	8.311901e-03
## SPAC6F6.11c	-3.427371e-03	2.373306e-03	-4.029945e-05	-7.085800e-04
## SPNCRNA.849	-2.932188e-04	-1.060040e-03	-1.761888e-03	-4.559587e-04
## SPAC6F6.13c	-1.804200e-03	3.454731e-03	-3.070259e-03	-1.546581e-03
## SPAC6F6.17	2.502683e-03	-2.753918e-03	-4.828304e-03	-4.914811e-04
## SPNCRNA.852	-1.039883e-04	8.562221e-05	8.826628e-06	-2.117970e-04
## SPAC1805.03c	-1.230658e-03	2.695954e-03	4.891207e-04	-8.975861e-04
## SPAC1805.04	2.217421e-03	1.950676e-03	1.033746e-03	-3.053257e-03
## SPAC1805.05	-6.338393e-03	7.205936e-04	3.964462e-03	2.434278e-03
## SPSNORNA.52	3.380114e-03	4.903779e-03	-9.609372e-03	2.232448e-03
## SPAC1805.11c	2.395254e-02	-6.661116e-03	-2.469392e-02	-8.374728e-03
## SPAC1805.14	3.202925e-03	1.676502e-04	-2.771882e-03	1.405648e-03
## SPAC1805.15c	7.413891e-04	1.587574e-03	-5.995756e-04	2.589386e-04
## SPAC1805.16c	-1.778181e-04	4.264847e-03	1.367885e-03	-5.107790e-04
## SPNCRNA.208	-2.794336e-05	8.616515e-05	-3.854196e-05	4.662030e-05
## SPAC1805.17	9.673665e-03	-6.043150e-03	1.167967e-03	-1.994308e-03

## SPAC1B2.06	-9.830296e-05	7.762746e-04	-6.885459e-04	-1.099036e-03
## SPAC3F10.02c	1.804366e-03	6.074729e-03	-8.389911e-04	-6.207450e-03
## SPAC3F10.05c	1.486455e-03	-8.345509e-04	3.117023e-04	4.546289e-03
## SPAC3F10.07c	-2.252474e-04	-1.622398e-04	-5.556519e-04	-2.978001e-04
## SPAC3F10.19	-2.796416e-03	-9.738683e-04	-8.924537e-05	1.855075e-03
## SPAC3F10.08c	5.763851e-04	4.356854e-04	-2.469740e-04	2.107297e-04
## SPAC3F10.10c	-7.517058e-04	-3.931284e-04	4.912645e-04	-2.387293e-05
## SPAC3F10.12c	-2.309249e-04	4.098044e-03	1.915055e-03	-1.132978e-03
## SPAC8F11.02c	-3.773542e-03	3.816053e-03	2.084522e-03	3.517658e-03
## SPAC8F11.05c	2.795913e-04	-1.615829e-04	3.761020e-04	3.004661e-04
## SPAC8F11.06	2.581927e-04	7.397525e-04	2.033891e-03	-2.309240e-04
## SPAC8F11.07c	-2.556174e-03	1.350922e-03	-2.497365e-03	-7.489198e-04
## SPAC8F11.10c	3.429252e-03	7.453725e-03	6.511078e-03	-4.632913e-03
## SPACUNK4.13c	9.487803e-04	9.197947e-04	-2.372372e-04	-1.196588e-03
## SPACUNK4.10	2.272671e-03	-5.094256e-04	-1.988883e-03	9.258563e-03
## SPNCRNA.858	1.205600e-04	-3.172884e-04	1.073966e-04	4.700614e-04
## SPACUNK4.07c	-6.700870e-03	9.181240e-03	-3.906879e-03	-2.766433e-03
## SPACUNK4.06c	-1.809120e-03	4.434008e-03	-4.813204e-03	-3.294253e-03
## SPAC513.01c	-3.820066e-03	1.324299e-02	4.380993e-03	-4.621450e-03
## SPAC513.02	-2.973315e-03	3.311428e-03	-1.221240e-03	-1.971664e-03
## SPAC513.03	-6.800092e-04	2.713154e-03	3.669906e-03	-2.564703e-03
## SPAC513.05	5.361034e-04	6.954755e-03	6.382234e-03	7.013832e-04
## SPAC2E1P3.01	1.150945e-03	4.110661e-03	-5.288336e-04	-8.604886e-03
## SPNCRNA.859	-9.560990e-04	2.479108e-04	-8.856374e-04	4.295519e-04
## SPAC2E1P3.04	1.895311e-03	-6.270918e-03	-4.275058e-03	2.607047e-03
## SPAPB2C8.01	-2.342841e-03	1.015219e-03	-1.628978e-03	-7.451653e-03
## SPNCRNA.864	4.237340e-04	8.619681e-04	3.264555e-04	-1.965694e-05
## SPAPB24D3.05c	8.245903e-05	-4.664764e-04	-2.287890e-06	2.766862e-04
## SPAPB24D3.06c	-1.976438e-03	1.077119e-03	-1.147597e-03	2.698948e-03
## SPNCRNA.865	-6.326443e-04	3.219605e-04	-3.315219e-04	4.026566e-05
## SPAPB24D3.08c	3.811758e-03	1.855691e-02	-4.985366e-03	-3.999340e-03
## SPNCRNA.866	-8.979673e-05	-4.151262e-04	1.167007e-03	4.497307e-04
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-2.968241e-04	2.545613e-04	-7.036925e-04	-5.773433e-05
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-1.319223e-03	-1.866462e-04	1.095452e-05	-3.741916e-04
## SPAPB1A11.03	-1.729527e-03	1.749537e-03	-1.205568e-03	-1.225432e-03
## SPAC31G5.01	-2.237116e-03	-5.486035e-04	-8.249103e-04	-2.630560e-03
## SPAC31G5.03	1.141779e-02	-7.219198e-04	2.241629e-02	8.568432e-03
## SPAC31G5.05c	3.301117e-03	1.015116e-02	-4.876866e-03	-1.093222e-02
## SPAC31G5.07	-5.325627e-04	-3.354219e-05	5.965546e-04	1.024353e-03
## SPAC31G5.09c	1.237675e-03	8.329730e-04	-1.024353e-03	-1.532557e-03
## SPNCRNA.872	-4.236673e-05	-1.012395e-04	1.185215e-04	4.020083e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	5.195294e-04	9.026131e-04	1.604277e-04	-9.061599e-04
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	1.729111e-04	8.451402e-05	-2.478063e-05	1.507246e-04
## SPAC31G5.12c	1.606841e-04	1.828035e-03	-1.526087e-03	9.624984e-04
## SPAC31G5.13	1.636362e-03	-4.936160e-03	1.565552e-02	3.940777e-03
## SPNCRNA.875	-1.292415e-04	-3.439013e-04	5.208547e-04	-1.583625e-04
## SPAC31G5.15	-7.300482e-04	3.447724e-03	-5.663432e-03	-1.074696e-04
## SPAC31G5.17c	-6.068194e-03	-9.018601e-04	5.231084e-04	-3.289226e-02
## SPAC1786.01c	8.552846e-04	3.139520e-03	-3.391716e-03	-1.030065e-02
## SPAC1786.04	4.333831e-05	1.788068e-04	-1.285441e-04	2.581517e-06

## SPNCRNA.878	1.912737e-04	1.758184e-04	1.487130e-04	3.562637e-04
## SPAC24C9.03	-5.442610e-03	2.944176e-03	-1.075711e-02	-3.081526e-03
## SPAC24C9.16c	1.018807e-03	1.700128e-03	-4.685321e-04	-5.355619e-04
## SPATRNASER.02	-1.151289e-02	6.281517e-03	5.544529e-03	2.226098e-03
## SPAC24C9.06c	1.194890e-02	-5.230653e-02	2.975303e-02	1.274534e-02
## SPNCRNA.879	-1.470183e-04	-5.643446e-04	-4.407435e-04	-4.208490e-04
## SPNCRNA.880	-1.064177e-03	7.657628e-04	5.176662e-04	-5.566792e-04
## SPNCRNA.212	-1.445393e-04	5.883306e-05	2.198700e-04	6.152144e-05
## SPAC24C9.09	5.223733e-04	5.102124e-04	-4.828928e-03	-3.582245e-03
## SPAC24C9.13c	2.172434e-03	-2.893523e-04	-1.381218e-03	-3.895817e-04
## SPAC24C9.14	2.444955e-04	1.822065e-03	-5.614022e-04	-1.119017e-03
## SPNCRNA.883	-2.265188e-04	-3.170042e-04	-3.310375e-04	3.908521e-04
## SPAC24C9.15c	-6.544429e-05	-1.954015e-05	3.630821e-04	3.812366e-04
## SPAC16A10.01	-6.944964e-03	2.082208e-03	-3.745711e-03	6.023635e-03
## SPAC16A10.03c	1.791187e-03	-4.161643e-03	-2.371970e-03	-2.148225e-03
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-1.206258e-04	-2.138741e-04	1.235237e-04	-5.675912e-05
## SPAC16A10.04	1.523029e-03	2.221990e-04	-3.873302e-03	3.156053e-03
## SPAC589.02c	2.403745e-05	8.766859e-05	-4.742939e-05	2.721163e-03
## SPNCRNA.886	-1.129625e-03	1.039106e-03	-8.147305e-05	4.667735e-04
## SPAC589.04	2.594205e-03	-3.881194e-04	-1.367593e-03	-4.701083e-04
## SPAC589.05c	1.429227e-03	-9.356028e-05	9.207263e-04	8.612162e-04
## SPAC589.07c	-7.179349e-04	-6.777681e-04	-7.051628e-04	1.192845e-03
## SPNCRNA.560	-8.766006e-05	6.179869e-04	3.194456e-04	-2.271817e-04
## SPAC589.09	-2.657821e-04	-5.364389e-03	-1.744044e-03	-5.569038e-03
## SPAC589.10c	5.937415e-03	2.583649e-02	-5.617353e-02	-1.793318e-02
## SPAC589.12	2.760975e-03	9.107798e-03	7.241523e-03	1.008613e-02
## SPAC688.03c	8.265211e-04	-5.453497e-04	8.934008e-04	1.744909e-03
## SPAC688.04c	1.095212e-03	1.500706e-03	5.638288e-03	-2.279448e-03
## SPNCRNA.887	9.131307e-04	1.055248e-03	-4.372662e-04	1.062085e-04
## SPAC688.10	-3.054822e-04	2.948256e-03	-6.254620e-05	6.077637e-04
## SPAC688.11	5.813621e-03	4.358083e-03	-4.020074e-04	3.556835e-03
## SPAC688.12c	-3.000503e-03	-1.137070e-03	2.270409e-03	2.239895e-03
## SPAC3G9.16c	2.047280e-04	-7.706061e-04	-1.463708e-04	-4.303502e-04
## SPAC3G9.14	2.824432e-03	5.038401e-04	-2.849932e-03	5.232325e-04
## SPAC3G9.12	-1.521771e-03	-6.138566e-04	-1.263883e-03	3.232018e-05
## SPATRNAALA.03	-1.478227e-03	-2.472519e-03	6.669270e-04	1.762161e-03
## SPAC3G9.10c	7.713834e-04	1.248587e-03	-1.526448e-03	1.077357e-03
## SPRRNA.14	-5.766893e-02	2.710963e-02	2.587185e-02	-3.880532e-02
## SPAC3G9.08	1.610017e-03	-2.724740e-05	-1.059424e-03	3.132453e-04
## SPAC3G9.05	1.244556e-03	1.664096e-03	6.407017e-04	-2.976116e-03
## SPAC3G9.04	-2.081663e-04	-7.377379e-04	-2.503572e-03	1.443583e-04
## SPNCRNA.893	8.107599e-02	4.635681e-02	-1.537961e-02	2.963104e-02
## SPNCRNA.87	-5.797108e-05	2.706484e-04	-1.901634e-05	-2.877021e-04
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	1.189972e-03	6.291718e-04	3.017545e-04	-1.178330e-03
## SPAC1486.02c	1.900099e-03	2.777421e-03	4.395928e-03	-1.743882e-03
## SPAC1486.03c	-5.560780e-04	1.712563e-03	-7.065925e-04	-2.495651e-04
## SPNCRNA.14	8.867338e-05	-8.043860e-05	4.813691e-05	-2.622790e-04
## SPAC1486.04c	6.290618e-03	3.197959e-03	-1.178059e-02	-6.501661e-03
## SPAC1486.06	3.958021e-03	8.899997e-04	-1.920814e-03	6.924401e-03
## SPNCRNA.895	3.611646e-05	8.449151e-05	-2.300466e-04	1.740486e-04
## SPAC1486.09	-3.244184e-04	-1.827357e-03	-4.247001e-03	-6.647303e-03
## SPAC6G10.06	-8.371959e-05	1.844149e-04	-6.092891e-05	-1.308009e-04

## SPAC6G10.11c	2.850213e-02	9.467520e-02	-4.787156e-02	2.152126e-02
## SPAC6G10.12c	-3.454978e-04	2.961775e-04	1.479082e-03	-3.077330e-03
## SPNCRNA.897	2.945794e-07	9.756473e-05	-2.616952e-04	5.233686e-04
## SPAC6G9.01c	1.341779e-03	-1.405350e-03	-1.601476e-03	2.710555e-03
## SPAC6G9.04	2.543031e-04	-1.732157e-04	-1.492509e-03	-4.898586e-03
## SPAC6G9.05	8.993539e-05	2.162543e-04	-1.309820e-03	2.098610e-03
## SPAC6G9.06c	-1.730521e-03	5.517754e-03	-2.015203e-03	-7.401280e-04
## SPNCRNA.898	2.791852e-04	5.148896e-04	4.546826e-04	-2.129400e-04
## SPAC6G9.07c	-2.963379e-03	-3.891251e-03	-6.642755e-03	-4.483573e-03
## SPAC6G9.08	1.689925e-03	1.492427e-03	3.144917e-03	1.307207e-03
## SPAC6G9.10c	1.537384e-03	-2.318651e-03	1.087711e-02	-2.916659e-03
## SPAC6G9.11	-7.270981e-04	-1.422585e-05	-3.990708e-03	-2.621038e-03
## SPAC6G9.13c	-2.333461e-04	-1.731075e-05	-3.861195e-05	1.771067e-04
## SPAC6G9.14	-2.380306e-03	-1.198526e-03	-3.208324e-03	3.744607e-04
## SPAC6G9.16c	1.477456e-03	-7.640238e-04	-1.931120e-03	2.258212e-03
## SPAPB1E7.02c	7.889986e-05	4.294091e-04	-2.365745e-03	-3.085051e-03
## SPAPB1E7.05	4.588975e-03	-7.592331e-04	-1.092584e-02	-8.305069e-03
## SPAPB1E7.08c	8.117473e-04	2.508387e-03	-3.341657e-03	-7.338114e-04
## SPAPB1E7.09	1.122183e-03	-8.139743e-03	-4.564155e-03	-2.865087e-03
## SPAPB1E7.11c	-1.025596e-03	1.790462e-03	-4.533385e-03	-3.926903e-03
## SPAPB1E7.12	2.288435e-02	-1.460745e-02	-2.358550e-02	-4.789446e-02
## SPAPB1E7.14	-5.103364e-04	2.645562e-03	6.136580e-04	2.498121e-03
## SPAC2E1P5.02c	-7.674571e-04	1.207618e-03	-5.554203e-04	7.082620e-04
## SPAC2E1P5.04c	-7.504004e-05	-1.354890e-03	-8.491501e-04	-3.186886e-03
## SPAC26A3.01	-3.102555e-04	9.242696e-03	1.048421e-02	4.489741e-04
## SPAC26A3.03c	4.703504e-04	9.402820e-04	-1.918268e-03	5.754767e-04
## SPAC26A3.04	-1.231424e-02	-1.872422e-03	-3.142595e-02	-8.037388e-03
## SPAC26A3.06	4.348253e-04	2.718089e-03	-4.183354e-03	3.481666e-03
## SPAC26A3.07c	-6.438630e-03	-3.771002e-04	1.319032e-02	4.174838e-03
## SPAC26A3.12c	3.210851e-03	-1.790092e-03	-2.054701e-03	-8.930076e-04
## SPAC26A3.11	8.138465e-04	2.409556e-03	-2.128499e-03	-1.147151e-03
## SPAC26A3.14c	-9.734365e-04	1.402554e-03	4.480258e-04	-3.362851e-03
## SPAC26A3.16	2.806617e-03	-6.487663e-03	1.147148e-03	-3.144449e-03
## SPAC26A3.17c	-1.415711e-04	2.291663e-03	3.038011e-03	-2.216039e-03
## SPNCRNA.902	-3.735266e-04	9.197678e-05	1.171052e-03	-9.538203e-04
## SPAC8E11.10	1.121633e-02	9.923959e-03	4.074467e-03	-6.536847e-03
## SPAC8E11.07c	3.269584e-04	-6.294447e-04	6.452538e-04	-1.154660e-04
## SPAC8E11.05c	-8.241010e-04	1.761317e-04	-4.991424e-03	-3.490410e-03
## SPNCRNA.905	-1.508626e-04	-6.529636e-04	-4.083777e-04	1.117700e-03
## SPAC8E11.01c	8.575771e-04	-1.814506e-03	-5.242136e-05	-1.868374e-03
## SPAC959.04c	-1.354430e-03	1.476410e-03	-1.067541e-03	-3.226729e-03
## SPAC959.10	1.072448e-03	-5.786580e-05	-3.408348e-04	1.815990e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	2.330100e-04	1.296329e-04	-5.459353e-04	-9.057463e-05
## SPAC959.08	-7.548827e-03	-2.392858e-02	-2.953605e-02	6.113488e-03
## SPNCRNA.907	-9.754416e-04	8.106019e-04	6.611177e-04	6.198697e-04
## SPAC3H5.12c	-4.101541e-02	1.854422e-02	8.419611e-03	7.888039e-03
## SPAC3H5.11	1.145493e-03	2.220180e-03	-6.430957e-05	1.274099e-03
## SPAC3H5.13	-6.880216e-04	3.940429e-05	-2.136368e-04	2.062032e-03
## SPAC3H5.09c	-6.214177e-03	-2.394254e-03	-7.919455e-03	-5.228282e-03
## SPAC3H5.07	8.939269e-03	7.813712e-03	9.304971e-03	-2.192791e-02
## SPAC3H5.04	-1.294894e-03	1.226403e-03	-1.203745e-03	2.868089e-04
## SPAC3H5.05c	9.855327e-03	1.882189e-02	-8.839403e-03	-2.247958e-03
## SPAC3A11.14c	9.146902e-05	9.657399e-04	-1.244638e-03	-1.568294e-03

## SPNCRNA.561	-2.481027e-04	8.630144e-04	5.968668e-04	6.037030e-04
## SPATRNAARG.01	2.377334e-03	-8.077684e-03	-3.634256e-04	-1.895868e-03
## SPNCRNA.908	-1.470803e-04	1.265736e-04	5.305065e-04	6.765614e-04
## SPAC3A11.11c	-1.482640e-03	2.964600e-03	-1.551839e-03	2.069568e-03
## SPAC3A11.08	5.784446e-04	2.415380e-03	8.222088e-04	-3.097436e-03
## SPAC3A11.07	-9.866711e-03	7.845137e-03	5.300448e-03	-6.900663e-03
## SPAC3A11.06	-8.413514e-04	-1.704707e-03	-1.762942e-03	3.768600e-03
## SPAC328.01c	-4.346394e-03	1.036670e-02	3.247728e-03	6.903899e-04
## SPAC328.02	3.359270e-03	5.261060e-03	4.195141e-03	3.221499e-04
## SPNCRNA.911	-5.939864e-04	-4.961629e-04	1.457869e-04	-8.469317e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	5.279741e-03	9.237682e-03	3.195042e-02	-1.519554e-02
## SPAC328.07c	-2.107766e-03	-1.058431e-03	-4.631670e-03	-2.515290e-04
## SPAC328.09	4.080811e-03	1.484965e-03	-2.511035e-03	-2.540971e-03
## SPNCRNA.912	-4.068144e-05	-3.779240e-05	1.804532e-05	-1.245723e-04
## SPNCRNA.913	-1.625908e-05	-2.222091e-04	-5.186973e-05	-2.543657e-04
## SPAC16E8.01	1.392311e-03	1.704411e-03	-2.487519e-03	-8.692397e-03
## SPAC16E8.04c	8.416286e-05	1.215988e-03	7.682899e-04	-2.861159e-03
## SPNCRNA.914	6.521202e-05	1.205928e-03	-4.652982e-04	-1.547880e-04
## SPNCRNA.562	-2.222577e-05	1.114045e-05	2.060405e-05	2.024843e-04
## SPAC16E8.08	5.066917e-04	-5.141530e-05	-6.160783e-04	-1.210323e-03
## SPAC16E8.10c	5.161633e-04	-1.180613e-03	-9.098501e-04	-2.565851e-03
## SPAC16E8.11c	3.271339e-03	3.734965e-04	-2.238692e-03	-6.886512e-04
## SPAC16E8.18	7.253173e-04	1.147957e-03	-6.164529e-04	6.700202e-04
## SPAC16E8.12c	-1.635140e-04	3.103620e-03	-1.651687e-03	-2.210915e-03
## SPAC16E8.14c	-2.184216e-03	1.751271e-03	6.589154e-04	8.711944e-04
## SPAC16E8.16	-1.195300e-03	9.375108e-04	-2.849048e-03	-2.073363e-03
## SPAC16E8.17c	1.646960e-03	-1.026270e-04	-1.140362e-03	2.155199e-03
## SPAC1B1.02c	1.341336e-03	2.478495e-05	-7.157024e-03	2.506069e-04
## SPAC1B1.03c	3.019288e-03	-4.428619e-03	3.317430e-03	1.719230e-02
## SPAC1B1.04c	1.947581e-03	-8.460824e-04	-5.477252e-04	3.339668e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-4.749696e-04	-2.070312e-05	-6.981167e-04	1.898084e-04
## SPAC17A2.03c	-2.768266e-03	-3.476719e-03	2.299970e-03	2.107956e-03
## SPNCRNA.917	-1.800281e-05	6.155291e-06	1.957231e-05	-1.157107e-06
## SPNCRNA.918	3.038894e-04	-3.045119e-04	-1.021311e-04	-3.749666e-04
## SPAC17A2.12	1.458183e-03	1.985886e-03	-2.610716e-03	-7.014862e-04
## SPAC17A2.13c	5.015322e-03	-5.425471e-03	-6.883899e-03	-5.073114e-04
## SPNCRNA.919	-1.722686e-04	-1.673864e-04	3.021883e-04	-4.960393e-04
## SPAC17A2.14	1.248546e-03	-3.536015e-03	4.296007e-03	-7.012194e-03
## SPNCRNA.600	-2.433995e-04	-1.415108e-04	-3.556599e-04	-5.003425e-04
## SPAC17G6.07c	-1.643749e-03	3.377236e-03	-1.608443e-03	-1.477004e-03
## SPAC17G6.09	4.575238e-03	-5.030988e-04	-2.157771e-03	6.934794e-05
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	4.045624e-04	1.334963e-03	-6.105445e-04	-4.498984e-03
## SPNCRNA.922	-4.609462e-04	2.383320e-04	-7.473125e-05	-4.713481e-04
## SPAC1142.03c	5.680972e-04	-5.559171e-04	-3.668333e-04	4.109780e-04
## SPRRNA.16	-4.130831e-03	-1.454033e-03	-3.486012e-03	1.547647e-03
## SPNCRNA.924	3.011430e-05	4.145445e-05	-1.752120e-05	1.296680e-05
## SPAC8C9.03	-9.124776e-03	5.709123e-03	1.355711e-03	3.404603e-03
## SPAC8C9.05	-1.574409e-03	-1.838709e-03	2.875034e-03	1.217179e-03
## SPAC8C9.06c	-4.294962e-03	1.889474e-03	2.548665e-03	-2.613866e-03
## SPAC8C9.10c	-2.038232e-04	-9.555690e-04	1.365259e-03	-3.760673e-03
## SPAC8C9.16c	1.453470e-04	8.617732e-05	3.846484e-03	9.673012e-04

## SPAC15A10.01	1.128674e-03	2.158557e-03	-1.685154e-03	-1.498650e-03
## SPAC8C9.17c	-3.032460e-03	2.396333e-03	-7.445416e-04	-1.613207e-03
## SPAC15A10.02	4.141201e-04	-1.267241e-03	-5.323468e-03	4.478802e-03
## SPAC15A10.03c	8.991555e-04	3.165225e-03	3.653571e-04	3.235404e-03
## SPAC15A10.04c	-5.566880e-04	1.120293e-03	-9.690145e-03	-1.753256e-02
## SPAC15A10.05c	-3.693925e-04	-6.157129e-04	1.266128e-04	-1.733098e-03
## SPAC15A10.07	1.289815e-03	1.295761e-03	-9.185646e-04	1.583321e-03
## SPAC15A10.10	4.873628e-06	3.616861e-03	6.559021e-04	-2.636032e-04
## SPATRNAPHE.01	8.576940e-03	1.774699e-02	1.288831e-02	2.116510e-02
## SPATRNAVAL.04	4.961041e-03	-7.668015e-03	1.764966e-03	5.613332e-03
## SPNCRNA.929	6.749080e-04	9.465162e-05	-1.555388e-04	-6.133033e-05
## SPAC15A10.15	1.231044e-04	1.467228e-03	-2.794451e-03	-2.590778e-03
## SPAC15A10.16	-1.568169e-03	8.873525e-04	-1.116060e-03	-1.303851e-03
## SPAC15E1.02c	5.595295e-03	1.257129e-02	8.771048e-03	-1.311379e-02
## SPAC15E1.04	2.022398e-03	-5.858483e-03	2.101594e-03	-2.553682e-03
## SPAC15E1.06	-2.725004e-03	3.633418e-03	-3.543504e-03	3.408904e-03
## SPAC15E1.07c	3.110281e-05	-2.467306e-04	-1.700192e-04	4.399292e-04
## SPAC15E1.08	-3.187981e-03	6.579956e-03	-4.655378e-04	4.017648e-04
## SPNCRNA.931	-4.182747e-05	1.064559e-04	-1.647061e-04	2.133525e-05
## SPNCRNA.524	4.260749e-06	-2.768830e-05	6.049868e-05	-2.875282e-04
## SPAP7G5.03	-1.572313e-03	2.478122e-03	-3.627508e-04	1.523526e-03
## SPAP7G5.04c	1.117264e-02	5.620144e-02	-2.677545e-02	-2.297350e-02
## SPNCRNA.933	-2.100134e-04	2.816848e-04	3.875939e-04	-3.970341e-04
## SPAP7G5.06	-5.043834e-03	-3.836528e-03	5.668670e-04	-3.215276e-03
## SPATRNAPHE.02	-2.822230e-02	-2.150287e-02	4.676606e-02	-3.548850e-02
## SPATRNAALA.04	-5.955455e-04	-5.724440e-04	-8.059935e-04	-7.907790e-04
## SPATRNAAGLU.03	1.341316e-02	3.950935e-03	-5.220001e-03	6.212448e-04
## SPATRNAILE.04	6.216997e-04	3.850054e-04	9.298343e-05	2.261233e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-9.196974e-06	-8.852035e-05	-1.322371e-04	-1.933063e-04
## SPAP4C9.02	5.443617e-04	8.589310e-04	-1.380695e-03	-2.451082e-04
## SPNCRNA.936	-1.728720e-04	5.569134e-04	-4.049782e-04	3.154532e-05
## SPAC1556.02c	9.919940e-03	-9.958578e-04	-2.393863e-02	-1.783544e-02
## SPAC1556.06	-1.893797e-04	-3.181730e-04	3.471558e-04	-3.601713e-04
## SPAC1556.07	-4.994734e-03	6.266032e-03	1.945857e-02	-1.716322e-02
## SPAC1556.08c	2.995178e-03	2.553044e-03	2.182465e-03	1.515019e-03
## SPAC1F12.06c	2.496678e-04	9.694047e-04	2.956758e-04	8.275560e-04
## SPAC1F12.08	1.061620e-04	2.900724e-04	-7.727657e-04	4.506978e-04
## SPAC1F12.09	1.566694e-03	-1.553893e-04	-4.519991e-03	-2.408903e-03
## SPAC1F12.10c	1.611464e-02	3.847050e-03	1.601181e-02	3.332014e-04
## SPAC4H3.17	-1.727188e-04	-5.844668e-05	-2.577191e-05	2.436262e-04
## SPAC4H3.02c	-1.532973e-04	8.177811e-04	2.809991e-04	-4.973654e-04
## SPNCRNA.938	-2.379798e-04	-7.054401e-04	3.334669e-04	2.435396e-04
## SPRRNA.17	-3.401989e-05	6.597148e-03	-8.915005e-03	8.903379e-04
## SPAC4H3.04c	1.564939e-03	-1.633949e-03	-2.413745e-04	1.086131e-03
## SPAC4H3.05	6.042981e-04	-2.302406e-04	-2.197507e-03	1.581372e-03
## SPAC4H3.16	-1.475063e-03	-4.519285e-04	1.591271e-03	8.143580e-04
## SPNCRNA.939	1.180918e-04	-2.373241e-04	-8.457773e-04	-2.933894e-04
## SPAC4H3.07c	-8.889197e-04	2.773329e-03	-1.069053e-03	-1.291263e-03
## SPNCRNA.940	-1.182648e-04	1.978666e-04	1.765102e-04	-2.260024e-04
## SPAC4H3.08	1.699194e-03	4.231961e-04	1.456861e-04	-7.412899e-03
## SPAC4H3.10c	4.674489e-02	-7.761605e-02	-6.572166e-03	2.674771e-03
## SPAC4H3.11c	3.938994e-04	-1.046464e-03	1.854899e-03	1.012066e-04

## SPAC4H3.13	1.390132e-05	-1.450416e-04	-1.837366e-03	5.270997e-04
## SPAC4H3.14c	5.302142e-03	1.912021e-03	-2.814554e-03	2.945848e-03
## SPAC1071.04c	8.830679e-04	2.713710e-05	-3.728659e-04	3.765411e-04
## SPAC1071.07c	-3.332694e-02	-1.790444e-03	-2.181102e-02	7.866321e-02
## SPAC1071.09c	-1.568658e-03	-9.226424e-04	2.091573e-03	2.780275e-03
## SPNCRNA.92	3.039686e-05	9.516154e-06	2.424891e-05	-6.605949e-06
## SPNCRNA.944	5.251848e-05	5.030060e-04	-6.924732e-05	-1.317655e-04
## SPAC1071.11	8.974502e-04	6.609323e-04	4.826477e-04	1.601390e-03
## SPNCRNA.947	4.918518e-04	-6.636387e-04	-2.338150e-04	4.812108e-04
## SPAC926.06c	4.519046e-04	2.450857e-03	3.449542e-04	-3.671042e-03
## SPAC926.07c	-5.979577e-04	-9.352412e-04	-7.156533e-05	1.006206e-05
## SPAC926.08c	2.848974e-03	4.259672e-03	-8.466400e-03	3.053856e-03
## SPAC323.02c	-3.851207e-03	-4.638570e-03	1.560029e-04	-7.968467e-04
## SPAC323.03c	-6.281935e-04	-8.838376e-04	-7.393808e-04	-8.413311e-04
## SPAC323.04	1.647622e-03	3.623458e-03	-1.088309e-03	-9.246283e-04
## SPAC323.05c	-7.230437e-04	2.122428e-03	5.530654e-04	2.852666e-03
## SPAC323.08	1.625013e-03	-1.085805e-03	-2.086560e-04	3.956605e-04
## SPAC2F3.01	-1.374852e-03	1.977922e-03	1.690220e-03	-2.935029e-03
## SPAC2F3.17c	1.962089e-03	3.369795e-03	2.959922e-04	1.239436e-03
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	-3.090400e-03	-2.098433e-03	9.910341e-04	6.479909e-03
## SPAC2F3.10	9.153303e-04	6.105971e-04	-1.203958e-03	-9.577368e-04
## SPAC2F3.13c	3.924815e-04	2.627331e-03	3.888896e-03	-2.752414e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	-6.383632e-04	-2.102025e-04	3.036630e-04	-2.017660e-03
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	3.661618e-03	-3.545008e-03	-2.276114e-03	-3.718038e-03
## SPAC2F3.16	-1.149929e-03	5.027109e-03	1.367149e-03	1.080722e-03
## SPAC11G7.05c	1.103819e-04	-6.178810e-04	-1.200863e-03	1.778518e-04
## SPAC11G7.06c	-7.148034e-04	4.855619e-04	6.159752e-04	5.449396e-04
## SPNCRNA.952	-4.549040e-04	-6.216921e-04	4.164905e-05	1.955487e-04
## SPAPB18E9.02c	1.784339e-03	8.204155e-03	-1.670303e-03	-3.373075e-03
## SPNCRNA.953	-1.831849e-04	2.306444e-03	-2.291052e-03	-5.767785e-04
## SPAPB18E9.04c	-8.214902e-04	-1.122121e-03	-5.864276e-04	-5.458439e-04
## SPNCRNA.954	5.514092e-04	-2.142006e-05	-1.163563e-04	-1.610688e-03
## SPAPB15E9.06	4.598235e-04	-2.892888e-04	-3.140802e-04	-3.120266e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-1.251616e-04	2.200949e-03	-2.929785e-03	-2.844324e-03
## SPNCRNA.955	-4.728476e-04	2.761626e-04	2.031598e-04	4.876075e-04
## SPAC27E2.03c	1.373230e-02	-7.978431e-04	-9.724557e-03	6.604819e-03
## SPAC27E2.11c	1.329666e-04	-8.317348e-06	1.840001e-04	-8.144943e-05
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	-1.301707e-04	-3.787650e-04	-1.011928e-04	2.285311e-04
## SPAC27E2.12	-1.904344e-05	-4.800177e-05	-3.002468e-05	3.126687e-04
## SPAC27E2.06c	3.161375e-03	-1.558999e-03	-2.235374e-03	-1.854448e-03
## SPAC27E2.07	4.309581e-04	-2.162645e-05	-6.394973e-04	-2.463023e-05
## SPAC27E2.08	-1.243360e-04	-2.143097e-05	-9.323615e-05	-2.332745e-05
## SPAPJ698.02c	3.595578e-03	-1.653458e-02	1.958164e-02	3.678202e-03
## SPAC19G12.01c	5.828973e-04	1.456957e-03	-1.436368e-03	-9.979256e-04
## SPAC19G12.03	-9.060313e-04	2.215657e-03	2.688493e-03	-1.302238e-03
## SPNCRNA.956	-2.612016e-04	-1.714093e-04	-1.783246e-04	-2.231829e-05
## SPAC19G12.05	-2.626391e-03	1.095505e-03	-2.333178e-03	-6.880931e-03
## SPAC19G12.10c	-3.675137e-02	2.880918e-02	4.624784e-02	2.039489e-02

## SPAC19G12.17	-6.908433e-05	1.057963e-03	-1.032078e-03	-1.595722e-03
## SPAC19G12.11	-2.350770e-03	6.228910e-04	1.562736e-03	2.608627e-03
## SPAC19G12.12	-1.794547e-03	5.554838e-04	-1.265095e-03	-2.723931e-03
## SPAC19G12.15c	2.553281e-03	-1.404680e-02	-3.275025e-03	1.405879e-02
## SPAC19G12.16c	8.651934e-04	1.460016e-02	-7.559147e-03	3.996979e-03
## SPAC23A1.02c	7.439483e-04	3.699723e-03	1.144340e-03	6.864922e-03
## SPAC23A1.03	7.313686e-03	8.326512e-03	1.272906e-02	2.654124e-02
## SPAC23A1.04c	-2.149630e-03	1.745891e-03	-7.918741e-04	-3.895941e-03
## SPAC23A1.05	1.168826e-03	3.648440e-03	-1.445084e-03	-3.673110e-03
## SPAC23A1.06c	3.564529e-03	-4.336488e-03	5.791738e-03	-3.482470e-03
## SPAC23A1.09	-1.193292e-03	7.315315e-05	6.614784e-05	-5.017959e-04
## SPNCRNA.957	6.167466e-05	-1.004738e-04	-4.587747e-04	-8.102617e-05
## SPAC23A1.11	2.023695e-02	-1.905583e-02	1.654583e-02	2.226399e-02
## SPAC23A1.12c	-1.451006e-03	-2.619045e-03	-3.936265e-03	-2.240724e-03
## SPNCRNA.958	-6.759442e-04	-6.856493e-04	5.223069e-04	-1.752656e-03
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	-3.723450e-03	4.705599e-04	-3.043204e-04	-8.083362e-04
## SPAC23A1.17	-6.719733e-03	2.257710e-04	6.221585e-03	-1.485293e-03
## SPAC23A1.18c	-3.120843e-04	-2.320495e-03	4.201990e-04	2.544938e-04
## SPAC23A1.19c	2.429382e-03	3.545690e-03	-1.682260e-03	-4.216984e-03
## SPAC26H5.02c	1.177411e-03	8.471991e-04	-3.974669e-03	5.795185e-04
## SPAC26H5.03	9.660301e-04	-1.924342e-03	-1.607951e-03	-7.496073e-04
## SPNCRNA.959	2.458748e-04	-3.890918e-04	8.152025e-04	-1.349777e-04
## SPNCRNA.960	2.511228e-04	-2.124856e-04	-1.465378e-05	-4.915752e-05
## SPAC26H5.05	-3.863918e-04	-9.399709e-03	-3.785199e-03	-9.735306e-04
## SPAC26H5.06	-2.930779e-03	4.028071e-03	-9.185200e-04	-5.267848e-03
## SPNCRNA.963	-5.873774e-04	8.047417e-04	5.668519e-06	4.505448e-05
## SPAC26H5.11	3.865894e-03	4.392609e-03	4.625852e-03	8.046950e-03
## SPAC26H5.12	-1.737385e-03	2.834591e-03	4.292677e-03	1.311269e-03
## SPAC26H5.13c	-4.505410e-04	1.477474e-03	9.983674e-05	9.611582e-04
## SPAC25B8.01	-1.723155e-04	5.444621e-03	1.669670e-03	-1.243763e-03
## SPAC25B8.06c	7.800424e-04	-9.632898e-04	-5.748275e-04	1.107487e-03
## SPAC25B8.08	7.748211e-04	-1.824090e-03	-2.838958e-03	-1.688017e-03
## SPNCRNA.966	3.354602e-05	4.102126e-04	-2.546753e-04	9.530913e-04
## SPAC25B8.09	4.836685e-04	3.737755e-04	-6.723729e-04	-1.358600e-03
## SPAC25B8.12c	-7.253456e-03	-1.709486e-02	-2.935637e-02	-9.039311e-03
## SPAC25B8.17	-3.646905e-03	-5.578532e-04	1.831543e-04	1.620311e-03
## SPAC25B8.18	-6.622928e-04	4.054958e-04	-1.470269e-03	4.931467e-04
## SPAC25B8.19c	-2.513614e-03	1.260629e-04	-7.843644e-04	1.221622e-03
## SPAC683.03	-5.644064e-05	-6.419426e-05	-4.931241e-05	-6.196392e-05
## SPNCRNA.969	3.740847e-04	6.095429e-05	9.874675e-04	-1.219979e-03
## SPAC683.02c	2.591063e-03	-1.661878e-03	-2.217748e-03	-4.471778e-03
## SPAC694.02	-3.352619e-03	3.518161e-02	-1.036856e-03	2.643864e-02
## SPAC694.05c	-1.974519e-02	2.376223e-03	-4.801104e-03	-2.609252e-02
## SPAC694.06c	-2.056361e-03	3.029281e-03	-1.643561e-03	-2.008475e-03
## SPAC1F7.01c	4.515313e-04	1.036200e-03	-3.853374e-04	1.116807e-03
## SPAC1F7.14c	-4.033876e-04	5.856520e-04	-1.322343e-04	-1.894685e-03
## SPAC1F7.04	8.178735e-04	-7.969759e-03	5.666509e-03	1.047880e-02
## SPAC1F7.05	1.847152e-02	1.565205e-02	-1.379211e-02	1.228659e-02
## SPNCRNA.973	5.724503e-04	1.997523e-04	1.336623e-04	-5.713434e-04
## SPNCRNA.243	6.099455e-05	5.689336e-05	-1.612332e-04	1.957544e-04
## SPAC1F7.08	-1.096573e-02	7.633820e-03	2.364071e-03	6.408392e-02
## SPAC1F7.09c	4.271560e-04	-1.038163e-03	-5.121371e-04	1.763862e-03
## SPAC1F7.13c	8.398804e-05	-5.368376e-02	-5.178119e-02	-4.463316e-02

## SPAC21E11.04	1.079019e-03	9.416025e-04	-2.339850e-03	-1.608410e-03
## SPAC21E11.06	-2.542760e-03	-6.147654e-03	-2.139649e-03	-4.420165e-03
## SPNCRNA.13	9.890690e-06	-7.985449e-06	-8.220423e-05	5.172487e-05
## SPAC21E11.07	1.488344e-03	1.680864e-03	2.797232e-03	-2.624486e-03
## SPAC2C4.03c	1.219246e-03	-2.559802e-04	-1.688350e-03	2.061749e-03
## SPAC2C4.04c	-4.167787e-04	1.690583e-03	2.341321e-03	-1.988190e-04
## SPNCRNA.98	-1.287272e-02	7.146781e-03	6.761944e-02	3.821711e-02
## SPAC2C4.07c	-2.351582e-03	1.068592e-03	-3.090285e-03	-7.873786e-04
## SPAC2C4.09	1.272965e-03	-4.255023e-04	6.132118e-04	-2.693693e-03
## SPAC2C4.10c	3.178291e-04	2.365931e-03	3.091142e-04	3.473301e-04
## SPAC2C4.13	-3.097868e-03	1.226872e-02	-3.287338e-04	2.216517e-04
## SPAC2C4.17c	-6.553196e-03	-3.376169e-03	-3.365203e-03	8.821390e-03
## SPAC25G10.02	2.650694e-04	1.248705e-03	-4.570202e-04	1.064499e-03
## SPAC25G10.03	-4.590075e-03	-7.330157e-03	-7.425187e-03	-2.484525e-04
## SPAC25G10.04c	-2.543745e-04	7.355126e-05	1.380332e-05	-6.600715e-04
## SPAC25G10.08	1.458638e-02	2.605060e-03	-7.335334e-03	7.275979e-03
## SPAC27F1.05c	-3.074191e-04	-1.863771e-03	1.424672e-03	-7.418418e-04
## SPNCRNA.977	-1.439419e-04	3.798444e-04	5.090920e-04	3.769802e-05
## SPAC27F1.10	-2.310317e-04	-8.338783e-06	2.833793e-04	7.813358e-05
## SPNCRNA.978	2.396877e-05	-1.332200e-04	2.982641e-04	-1.605300e-04
## SPAC27F1.06c	4.357105e-04	4.091194e-03	-3.427834e-03	-4.608283e-03
## SPAC23D3.04c	7.567058e-03	1.746634e-02	-5.365850e-03	-7.426549e-03
## SPAC23D3.05c	1.187333e-03	-1.386101e-03	-1.213795e-03	-1.019405e-03
## SPAC23D3.06c	1.520736e-03	-3.963088e-03	3.004651e-03	-3.426324e-04
## SPAC23D3.07	-8.983478e-03	1.115760e-03	6.837680e-03	5.353916e-03
## SPAC23D3.09	3.212697e-04	1.142270e-03	-4.388137e-03	-5.613162e-05
## SPAC23D3.10c	-2.123751e-03	5.619289e-04	-5.489487e-03	1.957949e-03
## SPNCRNA.244	-2.243040e-04	-3.261887e-04	-1.183147e-05	-1.942691e-04
## SPAC23D3.12	5.822068e-04	-3.585204e-03	2.336794e-03	-2.148117e-02
## SPAC23D3.16	-2.258710e-04	1.099091e-03	-5.548727e-04	1.947319e-03
## SPAC23D3.13c	2.927092e-04	1.359226e-03	-5.511268e-04	-2.676805e-03
## SPAC23D3.14c	-1.165854e-03	-6.788474e-04	-2.136424e-03	1.074090e-03
## SPNCRNA.982	-2.140210e-04	8.282970e-04	-1.791816e-03	1.134450e-03
## SPAC1527.01	1.285706e-03	4.059498e-03	-3.255179e-03	-6.858331e-03
## SPAC1527.02	3.131433e-04	-1.342501e-03	-1.231432e-03	-1.159979e-05
## SPAC1527.03	4.497742e-03	7.275588e-04	-2.153214e-03	1.725551e-03
## SPAC30.03c	-2.057857e-03	-1.528023e-03	-6.573491e-03	-3.326799e-03
## SPNCRNA.983	8.644352e-05	-1.315670e-04	-6.966517e-05	9.750519e-05
## SPNCRNA.984	-6.769152e-04	-9.923718e-04	-8.154038e-04	-1.652344e-04
## SPNCRNA.246	6.033077e-05	-1.852608e-05	9.446524e-06	9.977661e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	-3.813227e-03	3.351529e-03	-6.032629e-03	-2.529759e-03
## SPAC29E6.06c	-2.682229e-03	8.699837e-03	-9.686661e-04	-1.124899e-02
## SPAC29E6.09	6.835611e-04	-1.167066e-03	-4.082236e-03	8.699946e-04
## SPAC29E6.10c	7.920849e-04	-1.812468e-03	-7.138189e-03	-6.608649e-03
## SPAC16.02c	7.752897e-03	3.038000e-03	3.527482e-03	2.632854e-04
## SPNCRNA.247	-7.172855e-05	1.955085e-04	6.303597e-05	1.345363e-05
## SPAC16.04	2.130043e-03	-2.194766e-03	-1.166586e-03	-2.314372e-03
## SPNCRNA.99	5.561095e-04	-1.634829e-03	-2.496565e-03	-1.000948e-03
## SPAC9E9.02	-9.160767e-04	7.682768e-04	1.600972e-04	-1.396660e-04
## SPNCRNA.988	-2.817042e-04	-7.222499e-05	-1.565334e-05	6.994281e-04
## SPAC9E9.05	-3.968009e-04	6.746444e-04	6.703315e-04	1.134343e-03
## SPAC9E9.06c	-5.874752e-04	1.566717e-02	1.097767e-02	-3.974398e-03
## SPAC9E9.07c	-1.033412e-03	3.617680e-03	2.246434e-03	3.061437e-03

## SPAC9E9.08	1.709029e-03	-4.175421e-03	-2.374167e-03	-2.261573e-03
## SPNCRNA.990	4.333889e-04	8.317307e-05	-3.576534e-04	-1.845852e-03
## SPAC9E9.10c	3.520242e-03	1.923180e-03	3.207603e-03	-2.590269e-03
## SPAC9E9.11	2.448560e-02	2.900522e-02	5.906227e-03	-2.087595e-02
## SPAC9E9.12c	3.187735e-03	-3.514165e-03	3.127105e-03	1.667735e-04
## SPAC9E9.13	-1.708328e-02	1.702153e-02	1.562050e-02	-6.915750e-03
## SPAC9E9.14	-3.930768e-04	1.484363e-03	2.025727e-03	-6.637903e-03
## SPAC17C9.16c	4.396897e-03	4.622829e-03	3.302310e-03	-2.005167e-03
## SPAC17C9.15c	1.201041e-03	2.605200e-03	-5.890881e-04	-4.532478e-04
## SPAC17C9.13c	3.165557e-03	3.315620e-03	5.213386e-03	-7.691331e-03
## SPAC17C9.12	1.545365e-05	-1.398348e-03	1.885508e-03	-7.814604e-04
## SPAC17C9.11c	1.146118e-03	2.057162e-03	-9.344532e-04	1.323181e-03
## SPAC17C9.09c	3.063198e-03	-2.192286e-04	-2.606822e-03	6.208252e-03
## SPAC17C9.08	7.492101e-04	9.448860e-04	-1.766291e-03	-3.092039e-04
## SPAC17C9.06	3.196366e-03	2.548170e-03	-3.545479e-03	-1.790419e-03
## SPAC17C9.03	2.131930e-02	-1.348261e-05	7.976107e-03	-5.067920e-02
## SPAC17C9.02c	1.180861e-03	1.491533e-03	-8.202003e-04	-1.297876e-03
## SPAC1851.02	5.487359e-03	1.236405e-02	5.179363e-03	-1.849644e-03
## SPAC1851.03	2.962257e-03	-3.058289e-03	7.449450e-04	-3.736114e-04
## SPNCRNA.992	5.538493e-04	-4.625424e-05	-4.910918e-04	1.535946e-03
## SPAC27D7.03c	8.598404e-04	-2.091737e-03	2.092217e-03	-9.135090e-04
## SPAC27D7.04	1.503077e-04	1.155594e-05	-3.513244e-03	9.615988e-04
## SPAC27D7.05c	-7.559101e-04	-4.895120e-04	-3.756158e-05	-1.349058e-03
## SPAC27D7.07c	-1.046501e-03	4.189986e-03	-1.191610e-03	3.064079e-03
## SPAC27D7.08c	1.119053e-04	-3.485179e-03	-8.034967e-04	-2.841239e-03
## SPAC27D7.09c	1.604144e-02	-1.757622e-02	6.596999e-03	6.394486e-03
## SPAC27D7.11c	-2.604595e-02	2.096115e-02	-4.186412e-03	-1.092873e-02
##	[,29]	[,30]	[,31]	[,32]
## SPAC212.11	5.901142e-04	8.547790e-04	6.317880e-04	-5.454609e-04
## SPAC212.09c	-8.684073e-04	6.568694e-04	-6.689794e-04	-4.620337e-04
## SPNCRNA.70	2.736158e-07	-1.266754e-05	-1.287309e-05	-2.190090e-06
## SPAC212.12	-4.272388e-05	3.681332e-06	-8.198681e-05	-4.096486e-05
## SPAC212.04c	-7.145157e-04	1.951060e-04	-1.462594e-03	7.363568e-04
## SPAC212.03	-2.668947e-05	-2.663834e-05	3.174846e-05	-2.614039e-05
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.01c	1.627882e-04	-1.418928e-04	1.228022e-05	6.440623e-05
## SPAC977.03	6.933657e-06	1.397754e-05	-2.502073e-05	7.021908e-06
## SPAC977.04	-4.739747e-05	-1.284985e-05	2.121085e-06	4.959741e-06
## SPAC977.05c	-1.615484e-05	-9.509110e-05	-3.414342e-05	1.065609e-05
## SPNCRNA.136	-2.466660e-05	-2.585569e-05	2.058277e-05	-3.066515e-05
## SPNCRNA.601	-5.348506e-04	-2.661689e-04	-5.108060e-04	3.280967e-04
## SPAC977.07c	2.729852e-05	5.136295e-05	-3.756954e-05	1.884988e-06
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC977.11	-1.169917e-03	4.030787e-04	6.380876e-05	-2.009895e-03
## SPAC977.13c	8.015097e-04	-5.047896e-04	8.023091e-05	9.980652e-04
## SPAC977.15	1.073935e-03	3.083312e-03	9.117982e-04	6.266534e-04
## SPAC977.16c	5.631443e-04	-5.293591e-04	2.486255e-03	2.376580e-03
## SPNCRNA.37	3.252439e-05	-3.103505e-05	2.553036e-05	-1.309689e-04
## SPAPJ695.01c	-7.996030e-06	2.983503e-05	-6.663777e-06	4.700131e-05
## SPNCRNA.76	-2.415095e-04	-8.799638e-05	-3.508225e-05	-3.387181e-04
## SPNCRNA.603	1.491233e-04	-3.993308e-04	-8.942118e-05	1.495787e-04
## SPNCRNA.607	-5.558278e-04	3.751179e-04	-2.185252e-03	1.699182e-03
## SPAC1F8.06	-1.417466e-03	3.407638e-03	-1.328820e-03	1.644455e-03

## SPAC1F8.08	6.897986e-05	-6.872655e-04	1.759778e-03	-1.273587e-03
## SPAC11D3.19	2.192015e-05	4.755742e-04	3.677882e-04	-4.556379e-08
## SPAC11D3.01c	2.263768e-03	-1.451994e-02	-1.473359e-02	-2.613153e-03
## SPNCRNA.608	-1.479819e-03	3.902262e-04	-1.771752e-03	-6.258943e-04
## SPAC11D3.02c	5.396549e-03	4.139353e-04	4.975719e-03	-3.323685e-03
## SPAC11D3.03c	1.777738e-04	1.108956e-03	1.540041e-03	1.015969e-04
## SPAC11D3.05	3.825993e-04	6.571850e-03	8.630820e-04	-6.265371e-04
## SPAC11D3.07c	4.090342e-03	5.280176e-03	-6.969605e-03	-2.274874e-04
## SPAC11D3.08c	-1.445340e-03	-3.079607e-03	1.851892e-04	-5.077139e-03
## SPAC11D3.11c	1.956825e-03	2.853176e-03	-2.659129e-03	-2.407559e-03
## SPAC11D3.14c	1.157103e-04	1.773696e-03	1.825237e-03	-7.037631e-04
## SPNCRNA.609	-7.700079e-04	-1.575693e-04	-2.252035e-03	1.915996e-03
## SPNCRNA.147	1.296676e-06	2.366379e-05	-1.333087e-04	1.620513e-05
## SPNCRNA.610	-1.468459e-04	3.495361e-04	5.969778e-05	3.880952e-05
## SPAC11D3.16c	-5.366054e-05	-5.629746e-04	-2.478435e-04	-7.358777e-04
## SPAC11D3.18c	8.264608e-04	-1.558550e-03	-7.263219e-04	1.266128e-03
## SPNCRNA.612	7.193419e-05	2.838868e-03	-3.159941e-04	-1.313635e-03
## SPAC5H10.01	2.020508e-04	1.297965e-03	-2.550756e-04	-3.154477e-04
## SPAC5H10.03	5.096638e-03	-2.983362e-02	1.245954e-02	1.416808e-02
## SPAC5H10.04	1.335056e-03	-2.282022e-03	8.421631e-04	-2.956174e-04
## SPAC5H10.06c	-2.511790e-03	-1.995049e-03	-1.029741e-03	-5.513035e-04
## SPAC5H10.08c	-7.361176e-04	7.650430e-03	5.450142e-03	-2.973342e-03
## SPAC5H10.09c	5.488302e-04	-3.791284e-04	-1.331428e-03	-1.714522e-03
## SPAC5H10.10	1.997957e-03	8.076226e-03	1.714261e-03	-5.078900e-04
## SPAC5H10.11	-8.163332e-04	6.815584e-04	-1.403322e-04	-1.605738e-06
## SPAC5H10.12c	-8.743599e-03	-1.191129e-03	-7.521393e-04	-9.044677e-04
## SPAC5H10.13c	-9.684315e-04	7.817459e-03	1.200190e-03	-3.677997e-03
## SPNCRNA.617	-9.660423e-05	8.184954e-04	7.536968e-05	1.018230e-03
## SPAC13G6.01c	3.077010e-03	-1.555128e-03	1.178770e-03	-2.351496e-04
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	2.573284e-03	7.590465e-04	-4.267735e-03	2.815947e-03
## SPNCRNA.618	-2.607304e-04	-9.603838e-04	1.382194e-04	-4.239144e-04
## SPNCRNA.620	5.983666e-05	-2.460148e-04	1.155647e-04	2.789529e-04
## SPAC13G6.14	-5.071004e-03	1.763190e-03	-4.355213e-03	-2.744847e-03
## SPAC13G6.15c	1.136935e-03	-8.026127e-04	-2.759125e-03	2.732575e-03
## SPNCRNA.621	2.550221e-04	-5.186800e-04	-6.736608e-04	-5.765647e-04
## SPAC24B11.05	-1.993054e-03	1.878203e-03	4.335219e-04	-3.558289e-03
## SPAC24B11.08c	-2.275791e-04	3.166200e-03	2.620021e-03	-1.975712e-03
## SPNCRNA.142	1.624468e-04	-3.371707e-05	-6.296663e-05	6.703228e-05
## SPAC24B11.09	-4.217120e-03	-4.031234e-03	1.661283e-03	5.679991e-03
## SPAC24B11.11c	-1.122868e-03	1.276034e-03	-3.224163e-03	1.402600e-03
## SPAC24B11.12c	3.366827e-04	-4.661597e-03	-1.209401e-02	2.035426e-03
## SPNCRNA.624	-2.158825e-03	-3.012565e-03	-1.825040e-03	2.338660e-03
## SPAC806.02c	1.176061e-02	-4.321896e-03	-4.298543e-03	-5.404932e-03
## SPNCRNA.625	-5.910527e-04	2.738959e-04	-2.973371e-04	-7.430068e-04
## SPAC806.11	1.034895e-04	-1.430054e-04	-4.873101e-05	-2.632698e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	-1.109893e-03	5.945102e-04	9.691593e-04	-4.162797e-05
## SPNCRNA.627	-5.299879e-04	5.406015e-04	2.175140e-04	6.408300e-05
## SPNCRNA.628	1.171155e-04	7.580844e-05	-1.876502e-04	-3.865599e-05
## SPAC806.06c	1.034942e-03	-5.395047e-04	-2.372509e-03	-1.599732e-03
## SPAC806.07	5.828229e-03	1.515423e-03	1.240037e-03	-3.427246e-03
## SPNCRNA.630	-8.183140e-04	-6.470003e-04	-7.082169e-04	1.587877e-03
## SPAC1F5.11c	4.185437e-03	4.957258e-03	-8.663029e-03	-1.502998e-02

## SPNCRNA.632	-7.189185e-05	1.175858e-04	6.210504e-05	1.657501e-04
## SPNCRNA.633	1.314121e-04	-1.128600e-03	-4.298397e-04	1.370470e-04
## SPAC1F5.07c	1.198562e-03	1.670741e-03	-4.760290e-03	5.168798e-04
## SPAC1F5.04c	1.600428e-03	-2.744669e-04	-5.282834e-03	4.274355e-03
## SPAC1F5.02	3.014694e-02	4.254738e-02	1.611674e-03	7.460999e-03
## SPNCRNA.148	-9.483694e-05	-1.090528e-04	-2.716554e-05	-2.369101e-05
## SPAC18B11.10	-2.464490e-04	5.513834e-03	-4.525065e-03	3.317746e-03
## SPNCRNA.27	5.734920e-06	-9.566502e-05	2.655003e-05	5.157218e-05
## SPNCRNA.635	1.510224e-04	9.567090e-05	4.430721e-05	6.784237e-05
## SPAC18B11.09c	1.449092e-03	9.601078e-04	3.664896e-04	2.528691e-05
## SPAC18B11.08c	1.756248e-03	-2.559677e-03	-1.065878e-03	-4.052967e-04
## SPAC18B11.07c	4.663599e-03	-9.325703e-04	-5.258414e-03	1.093859e-03
## SPAC18B11.04	8.979931e-04	1.567785e-04	-1.252460e-03	-1.388791e-03
## SPNCRNA.636	9.469699e-04	-2.178501e-03	-1.449620e-03	-1.606117e-03
## SPAC18B11.02c	-1.020709e-04	1.925407e-03	2.608940e-03	-2.215688e-03
## SPAC12G12.15	-9.933297e-04	-1.987896e-03	-7.406148e-04	-1.369047e-05
## SPNCRNA.637	-5.758574e-04	-1.166013e-03	3.718920e-04	6.398111e-04
## SPAC12G12.14c	-5.500294e-04	3.842493e-04	-1.865294e-03	1.234979e-03
## SPNCRNA.638	-7.367758e-05	-1.996656e-04	1.002914e-04	1.692863e-04
## SPAC12G12.10	2.504881e-04	7.086522e-03	-2.190222e-03	-2.144097e-03
## SPAC12G12.09	-3.801490e-04	-2.083072e-03	-3.977470e-03	3.301882e-03
## SPAC12G12.06c	3.879532e-03	2.551544e-03	2.767141e-03	-1.471512e-03
## SPNCRNA.639	-1.108390e-05	2.720185e-05	2.211544e-05	2.002194e-04
## SPAC12G12.03	-6.010402e-03	1.014639e-02	8.981812e-04	-4.496271e-03
## SPAC630.05	6.183256e-05	5.464118e-03	-2.057585e-03	3.950939e-03
## SPAC630.15	-9.368368e-04	-8.258571e-05	-3.221784e-04	-1.211592e-03
## SPATRNPAPRO.01	6.145599e-03	-4.532231e-04	2.475100e-04	2.156108e-03
## SPAC630.11	-2.153415e-03	3.141626e-03	4.992324e-03	2.317095e-03
## SPAC630.12	2.506118e-03	2.820254e-03	-7.457269e-04	-3.767833e-03
## SPAC630.13c	5.658276e-04	3.108451e-03	-1.303665e-03	-2.847822e-05
## SPAC630.14c	-2.211536e-03	-8.476548e-03	-7.170797e-03	3.699613e-04
## SPAC1751.01c	2.147564e-03	1.369911e-03	-2.025630e-03	-1.119747e-03
## SPAC1751.04	4.107167e-04	2.240157e-03	1.707562e-03	8.605584e-04
## SPAC1751.02c	-3.143859e-06	2.434993e-03	3.994101e-03	-4.200094e-03
## SPAC31A2.02	2.355718e-03	2.293689e-03	2.319440e-03	-1.732336e-03
## SPNCRNA.643	1.585352e-04	5.136046e-04	-1.946027e-04	1.711907e-04
## SPAC31A2.03	1.106318e-03	-3.000822e-03	-3.594567e-03	4.932349e-03
## SPAC31A2.04c	5.558077e-03	3.693242e-04	-2.062113e-04	-5.419700e-04
## SPAC31A2.06	-1.636818e-03	1.081520e-02	-6.434424e-03	4.043758e-03
## SPAC31A2.07c	-6.120276e-03	1.349370e-02	-2.459909e-03	8.063503e-03
## SPAC31A2.09c	1.252147e-03	7.350987e-07	5.807683e-04	1.466092e-04
## SPAC31A2.11c	-4.446615e-04	-1.154146e-03	-9.268922e-05	3.199309e-05
## SPAC31A2.12	-5.687504e-03	1.238783e-03	-7.746045e-03	7.292120e-03
## SPAC31A2.13c	-1.290159e-04	-3.220630e-04	-3.582343e-03	7.601542e-04
## SPAC31A2.14	3.163851e-03	1.426205e-03	-5.901955e-03	4.673753e-04
## SPAC31A2.16	2.483854e-03	5.375847e-03	-2.648747e-03	-1.003453e-03
## SPAC13C5.01c	5.403971e-03	8.074193e-03	3.573648e-03	-7.354418e-03
## SPNCRNA.644	-1.462451e-04	-1.241785e-04	-1.515004e-04	4.994810e-04
## SPAC13C5.04	-9.805355e-03	4.501824e-03	5.884849e-03	2.868617e-03
## SPNCRNA.645	3.799443e-04	1.968663e-03	5.976424e-04	-9.923866e-04
## SPAC13C5.05c	3.811920e-03	2.827552e-03	6.637135e-04	-3.587610e-03
## SPAC13C5.06c	9.249163e-04	8.077011e-05	-1.707609e-03	-1.595262e-03
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	-7.022823e-03	-3.945923e-02	-8.299982e-02	1.160153e-01

## SPAC23E2.02	-5.528098e-04	8.300468e-03	-1.567212e-03	-2.378029e-03
## SPRRNA.11	-6.813706e-02	6.922234e-02	-6.410662e-03	-1.381539e-02
## SPAC24H6.12c	-6.951102e-03	-4.780295e-03	-5.776655e-03	1.342658e-03
## SPAC24H6.11c	1.103501e-04	1.755473e-03	-8.028355e-03	1.403875e-04
## SPNCRNA.652	-2.568297e-04	5.401948e-04	9.085733e-04	-4.282199e-05
## SPAC24H6.09	4.671592e-03	-2.441157e-03	-9.973662e-03	9.209741e-05
## SPAC24H6.07	-2.544864e-02	-2.260346e-02	-6.167912e-02	-3.910803e-02
## SPAC24H6.06	-2.449401e-03	1.825138e-03	-6.240776e-04	1.281695e-03
## SPAC24H6.04	-1.921457e-02	4.098447e-03	-7.340490e-03	-1.619456e-02
## SPNCRNA.653	9.467611e-05	1.682400e-04	-4.857813e-04	1.378982e-04
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	6.015941e-04	-1.301835e-04	1.119561e-03	4.507044e-03
## SPNCRNA.654	1.599721e-04	-2.286017e-04	-5.660980e-04	-2.090372e-04
## SPAC24H6.01c	4.272233e-04	2.170804e-05	1.451907e-03	-5.181816e-04
## SPAC227.19c	1.093073e-03	3.799695e-04	1.050638e-03	6.402770e-04
## SPNCRNA.655	-3.324543e-03	-1.729729e-03	2.686370e-03	-3.454022e-05
## SPAC227.05	3.223795e-03	-1.152001e-03	-1.474826e-04	1.389161e-04
## SPAC227.06	5.486774e-03	9.918923e-04	1.206546e-03	-3.045304e-03
## SPAC227.07c	2.474266e-03	-1.021564e-03	-1.333113e-02	-7.555169e-03
## SPNCRNA.657	1.571949e-03	1.276216e-03	5.144731e-04	-1.842317e-03
## SPAC227.08c	2.060469e-04	1.109626e-03	-5.474003e-04	2.396525e-03
## SPAC227.09	-1.343594e-04	2.301657e-03	-5.470352e-04	1.727935e-04
## SPAC227.10	-1.365288e-03	5.756372e-04	3.318910e-03	-7.427190e-04
## SPAC227.11c	1.071894e-04	2.691188e-03	-3.113284e-03	-2.119567e-03
## SPAC227.12	2.662318e-03	-2.879658e-03	-7.069756e-03	-1.092070e-04
## SPAC227.13c	3.449135e-04	-1.292664e-03	-4.928016e-04	1.204460e-02
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	1.019245e-03	5.684955e-04	2.452796e-03	-1.386804e-03
## SPAC2F7.04	-1.153738e-03	5.511667e-03	-2.932173e-03	-1.387639e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	6.829580e-05	-2.500833e-04	-8.374376e-04	-1.430247e-04
## SPNCRNA.661	-1.929807e-04	-1.231637e-04	-3.626383e-04	-2.579972e-04
## SPAC2F7.13c	-6.729326e-03	2.622441e-03	4.794128e-03	-5.102492e-03
## SPAC2F7.15	2.809264e-04	-1.941238e-03	1.357313e-03	4.657770e-03
## SPAC13A11.01c	-4.858437e-03	9.520497e-03	-3.783002e-03	2.301495e-03
## SPAC13A11.03	9.435198e-03	-8.100970e-03	-4.610179e-03	7.397078e-03
## SPAC13A11.04c	-1.207116e-04	1.339617e-03	5.897303e-03	-5.118267e-03
## SPAC13A11.05	1.872707e-03	3.898080e-03	-1.681967e-04	1.021723e-02
## SPAC3H8.02	-2.160772e-03	7.423429e-03	4.013419e-03	-4.214721e-03
## SPAC3H8.03	-2.220377e-04	5.309470e-04	-1.278791e-03	3.941635e-04
## SPNCRNA.663	-8.476086e-05	-9.675659e-04	-4.536705e-04	-9.188196e-04
## SPAC3H8.04	-2.015409e-03	7.276621e-03	7.902528e-03	-1.544356e-03
## SPNCRNA.156	-3.769501e-06	-2.197744e-04	-1.269219e-04	-2.367739e-04
## SPAC3H8.08c	-4.175610e-03	1.491175e-03	9.704090e-04	1.306811e-03
## SPNCRNA.667	2.430032e-04	3.611526e-04	-1.264584e-03	-3.560777e-04
## SPAC3H8.10	2.226067e-03	1.417132e-02	-1.776995e-03	4.100325e-03
## SPAC1F3.01	7.890909e-04	6.089332e-03	2.807936e-03	1.780686e-03
## SPAC1F3.02c	1.948505e-03	5.525033e-04	-8.544690e-03	1.025957e-03
## SPAC1F3.03	1.185113e-04	-1.388810e-03	-5.460427e-03	4.974362e-03
## SPAC1F3.04c	5.330613e-04	3.884141e-04	-3.974614e-03	5.489555e-03
## SPAC1F3.05	3.812169e-03	9.078037e-04	-2.843311e-03	-4.215435e-03

## SPAC1F3.06c	-7.283215e-03	-1.004214e-02	-1.019338e-02	-6.112271e-03
## SPAC1D4.01	1.436509e-03	-1.125001e-03	-2.066298e-03	-1.156843e-03
## SPAC1D4.02c	-4.899510e-03	6.114864e-04	-4.909301e-04	-1.254483e-03
## SPAC1D4.03c	-4.413033e-05	1.258117e-03	5.754435e-04	-8.500407e-04
## SPNCRNA.670	1.076428e-03	5.540043e-04	-2.679297e-04	-7.355928e-04
## SPAC1D4.05c	3.747872e-03	3.042103e-03	-1.174071e-03	-2.380542e-03
## SPAC1D4.07c	1.310913e-04	-9.720480e-04	-4.987532e-04	8.553434e-05
## SPAC1D4.10	-3.161376e-03	2.638563e-03	-4.515905e-04	4.783337e-05
## SPNCRNA.671	-1.032142e-04	-5.035524e-04	-6.955505e-04	2.083730e-03
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	-1.696421e-03	3.186816e-03	-8.057120e-03	-3.912318e-03
## SPAC1D4.14	-2.581009e-03	-3.734470e-04	5.242116e-04	4.566969e-04
## SPAC22F3.13	1.195992e-03	7.691545e-04	-6.303172e-03	-4.998201e-03
## SPNCRNA.675	-9.083310e-05	-9.934666e-04	5.059743e-06	4.364240e-05
## SPNCRNA.158	-2.352661e-04	1.288623e-04	-2.500542e-04	9.996752e-05
## SPAC22F3.11c	1.639447e-03	-1.196743e-03	-1.522781e-03	1.551026e-03
## SPAC22F3.10c	-3.746599e-03	8.833566e-04	-9.505911e-03	5.000849e-03
## SPAC22F3.08c	5.677332e-03	4.924748e-04	-3.405206e-03	3.525014e-03
## SPAC22F3.07c	4.149115e-03	-1.245767e-03	-3.623660e-05	-5.605455e-03
## SPAC22F3.05c	6.500899e-03	-8.849152e-03	-2.251459e-03	1.756644e-03
## SPNCRNA.676	2.821072e-04	-9.879006e-07	2.924364e-05	-3.488579e-04
## SPAC22F3.03c	-2.127958e-03	-1.120021e-03	1.536779e-03	-1.869739e-03
## SPAC1296.03c	-1.395221e-04	3.500040e-03	-3.393937e-04	8.199685e-04
## SPAC1296.04	1.237248e-03	1.857061e-03	2.092746e-04	-1.863716e-03
## SPAC1296.05c	2.723234e-04	-5.397188e-03	-1.305830e-03	1.057277e-03
## SPAPJ696.02	8.655433e-04	-8.561758e-03	-7.894546e-03	1.135569e-02
## SPAC22G7.01c	3.728078e-03	7.483354e-03	1.619547e-03	-1.638812e-02
## SPNCRNA.677	-1.038294e-03	1.123374e-03	1.421162e-03	1.288432e-04
## SPAC22G7.03	1.121182e-03	-1.546300e-03	7.630490e-04	8.587644e-04
## SPNCRNA.678	7.266874e-05	-2.001498e-04	1.345101e-04	2.633951e-05
## SPAC22G7.05	-2.558306e-04	4.602263e-03	-4.749615e-04	-1.365608e-04
## SPAC22G7.09c	-2.511923e-03	3.941581e-03	-5.187067e-03	3.578661e-03
## SPAC22G7.10	-2.047248e-04	3.000194e-03	-2.582884e-03	-1.197857e-03
## SPAC4G8.02c	3.595135e-03	-5.768672e-03	5.001610e-03	-9.895128e-03
## SPAC4G8.03c	3.708361e-04	-2.013435e-03	1.326389e-04	1.330704e-03
## SPAC4G8.06c	1.342049e-03	-1.580799e-03	-3.028274e-04	-3.102337e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	4.002718e-04	-3.099685e-04	-5.652583e-04	2.574262e-03
## SPAC4G8.11c	9.285195e-04	-1.809408e-03	6.631786e-04	2.783140e-04
## SPAC4G8.12c	1.947673e-03	4.167845e-04	9.859591e-04	-2.903218e-03
## SPAC4G8.13c	-1.916538e-03	5.180609e-03	-6.088122e-03	7.190169e-04
## SPAC16C9.05	-8.862618e-04	1.672129e-03	-6.127685e-04	-3.301803e-03
## SPAC2G11.02	-8.611444e-03	3.789074e-03	-7.578945e-03	-3.302629e-03
## SPAC2G11.03c	3.367913e-04	5.913494e-03	2.169192e-03	-1.812566e-03
## SPAC2G11.06	-5.862063e-04	2.226222e-03	-3.275102e-03	5.115436e-04
## SPNCRNA.688	3.443782e-04	-9.455925e-04	1.122050e-03	1.472302e-03
## SPAC2G11.07c	-2.974284e-02	1.018012e-02	5.258479e-03	-1.302721e-04
## SPAC2G11.09	6.332258e-03	2.638142e-03	-9.646592e-03	-1.265890e-03
## SPAC2G11.12	-6.046184e-03	-7.842990e-04	-3.135741e-04	-9.634653e-04
## SPNCRNA.691	-6.924493e-04	5.310895e-04	2.011230e-04	7.461357e-05
## SPNCRNA.692	-5.292373e-04	-2.682968e-04	-4.738997e-04	8.046819e-04
## SPAC521.02	4.276464e-03	-5.896526e-03	1.037629e-03	6.462039e-03
## SPAC521.03	2.566840e-02	3.352605e-02	-7.521941e-03	-2.002553e-02
## SPAC521.05	-3.100413e-02	-4.574458e-03	-1.710644e-02	-5.410359e-02

## SPAC23G3.01	1.474590e-02	-9.642160e-03	-1.252187e-02	5.269380e-03
## SPNCRNA.694	1.039583e-04	-8.691403e-05	-6.529205e-05	3.487553e-05
## SPAC23G3.04	-2.004535e-03	7.389200e-04	-3.413168e-04	-1.372025e-03
## SPAC23G3.06	-2.393684e-02	1.657716e-02	8.953054e-03	-3.181735e-03
## SPAC23G3.07c	7.199891e-05	2.268289e-03	4.560450e-04	1.407699e-03
## SPAC23G3.08c	-3.850846e-03	3.364422e-03	-3.413910e-03	1.138041e-03
## SPAC23G3.10c	3.521778e-03	-4.868920e-04	2.519596e-03	3.010520e-04
## SPAC22H12.01c	-1.242628e-03	-2.764553e-03	7.736539e-04	1.394864e-03
## SPAC22H12.02	-4.444382e-03	7.579761e-03	6.740065e-04	-1.607261e-03
## SPAC22H12.05c	1.653687e-03	-1.100606e-03	-6.250164e-03	2.328881e-03
## SPAC1687.01	8.744224e-04	-2.364441e-03	6.416396e-04	2.933932e-03
## SPAC1687.04	3.424115e-04	8.094898e-05	1.129261e-03	-3.349706e-03
## SPAC1687.05	-4.168504e-04	3.144324e-03	-5.724887e-03	-6.379397e-03
## SPAC1687.06c	3.298698e-03	-1.003509e-03	-7.436669e-03	4.971974e-03
## SPNCRNA.696	-5.445377e-04	1.174443e-04	1.149382e-04	1.096267e-03
## SPAC1687.11	5.557752e-04	2.301962e-02	-1.164173e-04	-9.035591e-03
## SPAC1687.12c	4.663115e-03	-3.795589e-03	-2.354507e-03	-3.665253e-03
## SPAC1687.14c	-7.184717e-04	4.530835e-04	1.844973e-03	1.038827e-03
## SPAC1687.16c	-1.658218e-03	5.053035e-05	-1.024421e-03	-8.366823e-04
## SPNCRNA.160	-1.281427e-04	-1.750989e-04	-1.098948e-04	-9.569534e-05
## SPATRNaALA.01	1.300608e-03	8.452831e-04	-1.146862e-03	2.730026e-03
## SPAC1687.17c	-2.954346e-03	-3.081347e-03	2.628651e-03	1.165625e-04
## SPAC1687.18c	-4.475964e-03	5.030858e-03	-1.268281e-03	5.795432e-04
## SPAC1687.19c	1.140154e-02	-5.588098e-04	-2.330708e-03	-2.261277e-03
## SPAC1687.20c	9.984700e-04	-1.199635e-03	-1.794007e-04	1.536353e-03
## SPAC222.03c	6.127467e-04	4.762937e-03	1.719590e-03	-9.232877e-03
## SPAC222.19	4.154052e-04	5.207484e-04	1.062181e-03	-1.845124e-03
## SPAC222.04c	1.226316e-03	-3.049702e-04	5.614076e-04	3.333832e-04
## SPAC222.06	-1.806476e-03	9.836905e-04	3.989193e-03	9.333651e-04
## SPAC222.07c	-1.793602e-03	3.080628e-03	-2.742575e-03	-1.786499e-03
## SPAC222.08c	-8.651139e-04	3.285206e-03	-3.537859e-03	3.570603e-03
## SPSNRNA.02	1.461674e-01	-1.296238e-01	-4.085340e-02	3.172031e-02
## SPAC222.17	-3.889813e-05	-6.148960e-04	-2.604736e-03	-2.433608e-04
## SPNCRNA.701	3.229181e-04	3.109195e-04	9.083393e-05	1.058530e-03
## SPAC222.15	-1.190386e-03	-2.819054e-05	4.138616e-04	-5.682521e-04
## SPAC222.18	6.321660e-04	1.338842e-03	-1.246806e-03	7.007865e-04
## SPAC222.16c	7.633100e-04	-1.328520e-03	-4.104598e-04	-8.132874e-04
## SPAC821.05	-1.249962e-02	1.569062e-02	6.841162e-04	4.262323e-03
## SPNCRNA.702	-2.176243e-05	-4.339272e-04	-2.371055e-04	1.218466e-03
## SPAC821.06	-4.537954e-03	-3.275332e-03	2.794361e-03	2.469640e-03
## SPNCRNA.703	1.442346e-03	-3.571953e-03	-2.794977e-04	3.879013e-03
## SPAC821.08c	-1.439176e-02	-1.131680e-02	-3.700317e-03	3.322763e-03
## SPAC821.09	1.789099e-02	-1.899641e-02	-2.559407e-02	-4.207839e-02
## SPAC821.10c	6.454732e-02	3.717133e-02	5.653251e-02	-6.890863e-02
## SPAC821.12	-3.379693e-03	-1.260182e-03	4.427482e-04	-3.304539e-03
## SPNCRNA.220	-4.532774e-06	-8.148921e-06	9.935816e-05	-1.434698e-04
## SPAC139.01c	4.374597e-03	5.052745e-03	-3.724736e-03	-3.241126e-03
## SPNCRNA.704	2.614059e-04	-7.843252e-04	-1.560903e-03	1.077670e-03
## SPAC139.02c	-4.160070e-03	1.157387e-02	-2.155533e-03	-4.039003e-03
## SPAC23C4.03	3.149172e-03	8.408448e-04	-2.508599e-03	1.583534e-02
## SPAC23C4.05c	-3.957184e-05	-1.338954e-02	-5.669395e-03	-1.806023e-04
## SPAC23C4.06c	-1.708630e-03	5.546865e-03	-3.070621e-03	-1.418575e-03
## SPAC23C4.09c	-4.606770e-03	-9.545818e-07	-5.892691e-04	8.569821e-04
## SPAC23C4.10	1.809864e-03	-2.178336e-03	-2.646033e-03	3.104829e-03

## SPAC23C4.11	-2.591007e-04	-3.872051e-03	4.390008e-03	-5.647051e-03
## SPAC23C4.13	-4.319151e-03	-7.150671e-04	1.756349e-03	-3.454850e-03
## SPAC23C4.14	3.667404e-06	3.203536e-04	-2.248144e-03	-1.111483e-03
## SPAC23C4.15	-3.578645e-03	-2.810490e-03	-6.038493e-04	-3.777372e-03
## SPAC23C4.17	1.595144e-03	-6.850616e-03	-3.548590e-03	8.071254e-03
## SPAC23C4.18c	-2.865207e-04	2.438235e-03	2.400911e-03	3.420178e-04
## SPAC1A6.01c	2.174232e-03	-2.373812e-03	-3.669538e-03	2.810049e-03
## SPAC1A6.02	5.212184e-03	2.360788e-03	1.244605e-03	-5.047705e-04
## SPAC1A6.03c	-8.769032e-04	1.230013e-02	-1.270295e-02	4.173066e-03
## SPAC1A6.04c	1.718463e-02	2.105160e-02	-5.033011e-02	-2.722616e-02
## SPNCRNA.710	-1.843038e-04	-3.983302e-04	-7.458069e-04	-4.589080e-04
## SPAC1A6.06c	5.242941e-05	3.600652e-04	-2.984588e-04	-5.026734e-04
## SPAC1A6.08c	-4.864081e-05	2.639993e-04	-5.449257e-04	3.996544e-04
## SPAC30D11.14c	-1.220851e-03	-4.466948e-04	-6.744915e-03	2.347295e-03
## SPATRNASER.01	-1.638616e-03	-8.306629e-03	-1.690849e-03	1.903209e-03
## SPATRNAMET.01	-2.062027e-04	-4.341055e-04	3.649695e-04	2.262324e-03
## SPNCRNA.711	4.679966e-05	1.149041e-04	-9.958366e-05	-1.732763e-04
## SPAC30D11.07	1.162878e-03	1.057632e-03	-1.064650e-03	9.138221e-04
## SPAC30D11.06c	1.131951e-03	2.284123e-03	-4.898085e-03	2.107013e-03
## SPAC30D11.05	-2.385517e-03	1.376046e-03	-5.274719e-03	-4.262168e-03
## SPAC30D11.02c	7.257480e-05	7.540188e-04	-3.073190e-04	1.941534e-04
## SPAC56F8.02	9.513856e-04	4.476437e-04	-7.897970e-03	-1.980468e-03
## SPAC56F8.04c	1.767425e-03	2.906159e-03	-5.879013e-03	-3.151004e-03
## SPAC56F8.06c	-3.489382e-05	-6.403681e-04	-3.211144e-03	3.750598e-04
## SPAC56F8.09	-9.565501e-04	3.041511e-03	-1.587619e-03	8.832316e-03
## SPNCRNA.716	1.217529e-03	4.701819e-04	-2.255637e-03	1.751452e-03
## SPAC56F8.12	-5.165061e-04	-1.793738e-04	-1.778553e-04	-1.285972e-04
## SPAC56F8.16	-6.587548e-03	-2.238215e-03	2.240485e-03	9.371156e-04
## SPAC22A12.02c	2.923558e-04	3.557558e-04	2.033799e-04	-4.336953e-04
## SPAC22A12.04c	-1.146595e-03	-2.109253e-02	-1.356011e-02	3.784205e-03
## SPNCRNA.717	-2.195281e-04	-3.259123e-04	3.681464e-04	-2.848295e-04
## SPAC22A12.07c	7.988382e-04	-2.134124e-03	-9.642870e-03	7.586891e-03
## SPAC22A12.08c	1.222213e-03	1.063602e-03	9.166717e-03	2.135602e-03
## SPAC22A12.10	-8.880569e-03	-1.050601e-02	-1.501702e-03	2.899666e-03
## SPAC22A12.09c	-2.242572e-03	2.904200e-04	-5.197700e-04	-4.096943e-03
## SPAC22A12.11	-2.120503e-03	-7.858000e-03	6.186982e-03	1.027349e-02
## SPAC22A12.12c	3.619756e-03	1.639730e-03	-2.281946e-03	1.407183e-06
## SPAC22A12.14c	3.369026e-03	-3.408922e-03	-4.496796e-03	-4.883666e-03
## SPNCRNA.719	-3.161408e-06	6.162405e-05	-1.646597e-04	4.992271e-04
## SPAC22A12.17c	-1.499884e-02	5.531604e-02	2.689777e-02	2.062137e-02
## SPNCRNA.168	2.145914e-05	-6.613356e-05	-6.013102e-05	4.212995e-05
## SPNCRNA.720	2.082689e-04	2.185368e-04	4.327247e-04	7.956688e-05
## SPNCRNA.721	1.144414e-03	-3.140447e-04	1.299996e-03	-3.874101e-04
## SPAC4C5.02c	2.329118e-03	3.451935e-03	2.677566e-03	-5.679482e-04
## SPAC4C5.03	1.211675e-03	3.854067e-03	-2.734608e-03	-1.818741e-03
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	1.545519e-02	1.138987e-03	-2.920925e-02	8.155645e-03
## SPNCRNA.724	-1.667960e-03	3.561415e-04	-1.010799e-03	2.095988e-03
## SPAC10F6.02c	3.042206e-03	4.087924e-03	-3.801955e-03	-2.180624e-03
## SPAC10F6.05c	-6.767545e-03	-7.484739e-04	3.711989e-03	1.721490e-03
## SPNCRNA.725	1.090865e-04	2.137481e-04	-2.809601e-03	6.707346e-04
## SPAC10F6.10	1.295741e-03	-5.374139e-03	-3.185023e-03	9.217153e-04
## SPNCRNA.726	-4.809971e-05	-3.605087e-04	-2.975081e-04	-9.391412e-04

## SPAC10F6.15	-2.779315e-04	-4.899802e-04	-1.191334e-03	-9.011819e-04
## SPNCRNA.432	1.119101e-04	1.283715e-05	3.644964e-04	2.962182e-04
## SPAC10F6.17c	-5.070588e-03	4.324846e-03	8.974054e-04	-3.654211e-03
## SPAC56E4.03	4.290150e-04	4.638043e-03	4.074692e-03	-1.057215e-02
## SPAC56E4.07	-1.555077e-03	-3.305044e-04	-1.041944e-02	-7.891371e-04
## SPNCRNA.730	-1.375116e-04	-4.883692e-04	-5.591055e-04	-1.649511e-04
## SPAC1420.02c	4.439058e-03	6.698605e-03	6.490616e-03	-7.153025e-03
## SPAC1420.03	-1.303159e-03	1.857925e-03	5.316714e-03	5.081752e-03
## SPAC1420.04c	-7.715640e-04	1.352386e-03	-1.493500e-04	-7.211122e-04
## SPNCRNA.731	-9.356790e-05	1.864621e-04	2.335043e-04	2.820216e-04
## SPAPB17E12.02	-6.984813e-04	1.411272e-03	-3.215197e-05	-9.018793e-04
## SPAPB17E12.03	-2.049643e-03	-1.606725e-03	-3.801201e-05	3.083166e-03
## SPAPB17E12.05	1.741255e-02	-1.214877e-02	1.064362e-02	1.212291e-02
## SPAPB17E12.11	-3.268232e-03	2.178680e-03	1.363256e-03	6.023208e-03
## SPNCRNA.732	-2.217286e-04	-1.056945e-03	-1.719174e-04	4.082452e-04
## SPNCRNA.733	2.002872e-03	6.142712e-04	-5.602773e-04	1.972676e-03
## SPAC1565.03	-4.634278e-04	1.369205e-03	2.305274e-04	-6.518604e-04
## SPAC1565.05	2.090547e-04	6.634410e-03	-1.675653e-02	2.635317e-03
## SPAC1565.06c	-3.316536e-03	1.407181e-03	3.617902e-03	2.383615e-03
## SPAC1565.07c	-2.848939e-04	9.662470e-04	-2.014038e-03	-2.228696e-03
## SPATRNAPRO.02	7.339304e-02	-1.576200e-01	7.111185e-02	-1.194599e-01
## SPSNORNA.53	2.364645e-02	1.713484e-02	-2.769714e-02	-1.131220e-03
## SPAC6F12.06	-1.122995e-02	-4.428364e-03	1.072471e-03	9.661882e-04
## SPAC6F12.07	1.037577e-03	4.884027e-04	8.794330e-05	7.235360e-03
## SPAC6F12.08c	4.817853e-04	1.525907e-03	-6.803714e-04	-1.300603e-03
## SPAC6F12.09	-4.273595e-04	1.831357e-03	-2.958972e-03	4.651532e-04
## SPAC6F12.12	-1.499424e-03	5.159915e-03	-5.189638e-03	1.509897e-03
## SPAC6F12.13c	2.700012e-03	2.088864e-03	3.621224e-03	2.707018e-03
## SPAC6F12.15c	-3.774816e-03	-1.176738e-03	-1.630235e-03	-3.870764e-03
## SPAC19E9.01c	9.663294e-04	1.867727e-03	2.125326e-03	-4.615149e-03
## SPAC19E9.02	-3.558733e-03	7.616790e-04	-3.220098e-03	8.495711e-04
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	-8.309349e-04	-3.394404e-04	5.655608e-05	-1.682460e-04
## SPAC19E9.03	6.131074e-04	-1.689289e-03	-6.712146e-03	2.819325e-03
## SPAC57A10.03	-1.255821e-03	3.452836e-04	-1.208774e-03	-2.475475e-03
## SPAC57A10.05c	-9.375320e-04	1.615973e-03	-4.780168e-03	-3.682644e-03
## SPAC57A10.06	-1.288281e-04	-3.926715e-04	-1.771462e-04	1.503846e-04
## SPAC57A10.07	4.141150e-05	5.597456e-04	-2.640094e-03	3.088600e-03
## SPAC57A10.08c	2.576183e-04	1.726130e-03	1.128147e-03	5.075052e-04
## SPAC57A10.09c	5.907802e-03	-1.641088e-04	3.312985e-03	-3.985817e-04
## SPAC57A10.12c	-1.051543e-02	-1.153514e-02	2.090568e-02	1.891347e-02
## SPAC20G8.04c	-4.172205e-03	-4.970482e-03	-1.843816e-03	1.054527e-02
## SPAC20G8.05c	-1.736491e-02	8.808818e-03	1.183674e-02	-8.145997e-03
## SPAC20G8.06	6.140596e-03	7.244298e-03	-2.371708e-02	-5.909472e-03
## SPAC20G8.08c	-3.631795e-03	1.769310e-03	-5.561465e-03	8.855659e-04
## SPAC20G8.09c	5.099407e-03	-5.096826e-03	-6.320994e-03	-1.566269e-02
## SPAC20G8.10c	2.509523e-04	-4.230668e-04	-1.596637e-04	1.144460e-04
## SPAC3A12.04c	1.413781e-03	-7.635539e-04	-4.833554e-04	-1.133053e-03
## SPAC3A12.19	-1.839613e-03	7.161502e-04	-6.330739e-04	-1.741738e-03
## SPAC3A12.07	5.624435e-03	3.412708e-03	8.154247e-03	1.214309e-03
## SPNCRNA.741	-2.550657e-04	-4.317880e-04	4.692617e-04	4.109460e-04
## SPAC3A12.11c	1.744018e-03	-5.957211e-04	2.362002e-03	-7.416435e-04
## SPAC3A12.14	5.238891e-03	2.612134e-03	3.913802e-03	-7.207719e-03
## SPAC3A12.15	-2.565872e-03	-5.207914e-03	-5.883900e-04	3.019461e-03

## SPSNORNA.48	2.169520e-05	2.393368e-05	-1.117774e-05	5.636307e-05
## SPAC3A12.18	-2.063728e-03	9.255426e-03	-2.135809e-06	7.428214e-03
## SPAC9.03c	8.494000e-04	1.401424e-02	-1.595255e-02	1.414867e-03
## SPAC9.05	1.310285e-03	1.231175e-04	-2.278746e-03	-1.357776e-03
## SPAC9.06c	-1.408556e-03	8.773545e-04	-4.277730e-04	-2.921735e-04
## SPAC9.08c	-2.654415e-03	-2.201475e-03	-2.098349e-03	-2.079846e-03
## SPAC9.09	2.425214e-02	-4.944071e-02	-1.943578e-02	4.196911e-03
## SPNCRNA.743	-8.167661e-04	3.454799e-04	1.322961e-03	7.870045e-05
## SPAC9.10	-3.733942e-03	-1.397367e-03	-2.538138e-03	3.124148e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	5.747992e-03	-3.485354e-03	-3.823154e-03	1.399963e-03
## SPAC5D6.10c	5.660435e-05	-1.840631e-04	-9.332994e-05	9.087662e-05
## SPAC5D6.09c	-1.898627e-03	3.071896e-04	-2.077797e-03	-5.572532e-04
## SPAC5D6.07c	2.353615e-04	-1.068615e-03	-1.475341e-04	1.567396e-03
## SPAC5D6.04	3.056693e-03	-1.281929e-03	-6.173096e-03	1.157502e-03
## SPAC5D6.02c	3.856088e-04	-1.576071e-03	-1.246170e-03	4.881386e-04
## SPAC57A7.10c	1.373586e-02	5.258682e-04	-1.727326e-02	7.368375e-04
## SPNCRNA.174	-6.815601e-05	1.596318e-05	1.039073e-04	-5.010254e-07
## SPAC57A7.08	3.286443e-03	-1.009270e-02	-5.401756e-03	-3.024504e-04
## SPAC57A7.06	-5.576958e-03	7.973022e-03	7.144704e-03	2.477364e-03
## SPAC57A7.04c	3.123551e-03	-2.078023e-02	1.798147e-02	-1.699451e-02
## SPAC167.07c	3.099894e-03	-3.179100e-04	-4.641487e-03	-1.623554e-04
## SPAC167.05	1.383380e-03	1.435845e-03	5.198302e-04	-1.165383e-03
## SPAC167.04	1.492604e-03	1.316268e-03	1.128701e-03	-2.495299e-04
## SPAC167.09	1.388677e-03	-1.464848e-03	-1.281028e-03	2.592199e-03
## SPAC167.08	1.084190e-04	-1.773303e-04	9.909440e-05	-3.250538e-04
## SPAC1705.03c	-2.295255e-02	1.705714e-02	-2.773245e-02	-2.274678e-02
## SPNCRNA.80	7.378376e-06	1.260449e-04	-4.064962e-05	-6.994788e-05
## SPNCRNA.745	-6.494446e-04	-1.391402e-04	-6.099660e-04	-1.066258e-04
## SPNCRNA.81	-1.371764e-05	-5.297795e-06	-2.950287e-05	-4.098980e-05
## SPAC23H4.17c	2.107382e-03	-3.805911e-04	2.553467e-03	-1.131408e-03
## SPAC23H4.16c	1.097893e-03	7.758518e-04	-1.469338e-03	-1.986293e-03
## SPAC23H4.15	2.295150e-03	6.675579e-03	-5.570614e-04	-6.147283e-03
## SPAC23H4.21	5.706345e-04	2.196920e-04	-1.097827e-03	-1.504917e-05
## SPAC23H4.13c	-6.190755e-04	9.203296e-04	4.285643e-04	-2.395390e-03
## SPAC23H4.12	7.432142e-04	4.312050e-04	4.003850e-04	-1.742839e-03
## SPAC23H4.08	-1.218672e-03	6.404893e-03	3.313810e-03	-2.070456e-03
## SPAC23H4.07c	1.833504e-04	1.583592e-03	-2.226424e-03	7.755727e-04
## SPAC23H4.05c	-5.394871e-04	-1.204466e-03	-1.654291e-04	-1.522163e-04
## SPNCRNA.746	-1.263691e-04	2.954488e-04	3.723929e-04	-8.131036e-04
## SPAC23H4.04	9.157606e-04	7.628394e-04	-5.796725e-03	8.266880e-03
## SPATRNATHR.01	1.806487e-02	-2.261959e-02	-2.808311e-02	-2.596449e-02
## SPNCRNA.747	9.084317e-04	1.253520e-04	-2.424599e-04	5.163020e-05
## SPAP27G11.03	4.943052e-04	2.952830e-03	-2.911800e-03	-4.264735e-03
## SPAP27G11.05c	-1.213501e-03	9.886662e-05	-2.921633e-03	6.629509e-03
## SPNCRNA.749	-8.611223e-05	6.160553e-05	1.015554e-04	4.415568e-04
## SPAP27G11.09c	9.165292e-03	-2.282649e-03	5.066981e-04	5.356062e-03
## SPAP27G11.14c	9.517169e-04	-1.074836e-03	-2.810834e-03	1.372670e-03
## SPAP27G11.15	3.366614e-04	-7.924312e-04	-2.205523e-03	-9.559449e-04
## SPAC343.01c	-3.708097e-04	-6.183031e-03	-9.398112e-04	1.892261e-03
## SPAC343.03	-4.648862e-04	-3.636346e-04	2.004960e-04	-2.215308e-03
## SPAC343.04c	-1.823890e-03	-1.856313e-03	-4.244747e-04	-8.941092e-04
## SPAC343.05	-7.630745e-03	2.428307e-02	-6.502753e-03	-1.192144e-02
## SPAC343.08c	-8.043125e-03	-4.898650e-03	-1.570696e-03	-7.489760e-04

## SPAC343.07	-1.818328e-04	2.030189e-04	-4.136558e-04	5.181307e-05
## SPNCRNA.752	-5.689113e-04	6.942916e-04	-5.349967e-04	-1.187311e-03
## SPAC343.10	1.714000e-03	4.841378e-04	-8.511371e-03	5.791508e-03
## SPAC343.11c	5.933970e-04	-2.779630e-04	-6.511694e-03	4.279267e-04
## SPAC343.20	2.017274e-03	-3.372558e-03	-3.327897e-03	-7.379540e-03
## SPAC343.17c	-1.373619e-03	-6.997784e-03	-2.133890e-03	3.647946e-04
## SPAC343.15	8.034690e-04	-2.490415e-03	-1.033344e-03	-1.431650e-03
## SPNCRNA.754	1.081913e-05	5.345458e-06	-9.515126e-06	-9.852768e-06
## SPAC824.04	-8.623331e-04	7.815943e-04	-8.076232e-04	-1.592611e-03
## SPAC824.05	-7.777001e-04	6.861804e-03	-7.620015e-05	5.277285e-04
## SPAC824.07	8.554845e-04	3.509470e-03	4.143857e-03	-3.987280e-03
## SPAC824.08	4.019187e-03	4.816221e-03	-5.369076e-04	-7.317513e-03
## SPATRNLALYS.01	-3.547723e-03	9.047480e-03	2.275407e-03	-3.231746e-03
## SPAC664.03	3.078897e-03	3.587391e-03	-6.763126e-03	-8.817918e-04
## SPAC664.04c	-3.172723e-02	-1.637762e-02	5.180069e-03	-3.889105e-03
## SPAC664.07c	5.782195e-04	8.829122e-05	3.325920e-03	-1.099231e-03
## SPAC664.08c	7.778907e-03	5.834032e-03	-4.242920e-04	9.116341e-03
## SPAC664.09	-3.483384e-03	7.169773e-03	1.635529e-03	-3.678903e-03
## SPAC664.10	2.995935e-04	2.040348e-03	7.687656e-04	-5.125747e-03
## SPAC664.11	1.252855e-02	-2.220997e-02	-6.139959e-03	-1.908834e-02
## SPAC664.12c	-7.720498e-04	-1.107143e-03	-2.444466e-03	1.265284e-03
## SPAC664.14	-4.931382e-03	7.870108e-03	-2.969601e-03	-2.427672e-03
## SPNCRNA.758	1.566132e-04	-2.163036e-05	-5.276379e-04	-2.274907e-04
## SPACUNK12.02c	-1.573390e-03	1.471373e-03	3.102863e-04	-5.456478e-05
## SPAC105.01c	-1.884221e-03	2.235480e-03	-3.604452e-04	-8.141542e-04
## SPAC17A5.18c	8.210328e-04	-5.867181e-04	-1.094944e-04	3.932816e-04
## SPAC17A5.02c	-3.876610e-03	-4.333737e-03	5.220596e-03	3.567035e-04
## SPAC17A5.03	1.203998e-02	-9.179826e-03	-1.342049e-02	1.899460e-02
## SPAC17A5.04c	-1.954854e-03	3.086393e-03	-2.728628e-03	-2.295346e-03
## SPAC17A5.19	8.855100e-04	3.498310e-04	-3.889460e-04	2.273767e-03
## SPAC17A5.06	-4.259050e-03	-7.111381e-04	-6.353205e-03	-8.945256e-04
## SPAC17A5.08	-5.321282e-03	2.661592e-03	3.982841e-03	-2.112073e-03
## SPAC17A5.10	4.063334e-04	1.490482e-04	1.213680e-03	1.345692e-03
## SPAC17A5.11	-6.547884e-04	1.445155e-03	6.510612e-04	-5.804215e-04
## SPAC17A5.12	-3.381675e-03	-1.328445e-04	3.694963e-03	-1.278746e-04
## SPAC17A5.14	-1.560749e-03	-3.814026e-03	4.339886e-03	-7.929549e-03
## SPAC17A5.16	2.689062e-04	5.503244e-03	-1.366318e-03	-1.761652e-03
## SPAC1610.01	-4.453490e-05	3.082430e-03	-3.935658e-04	2.303446e-03
## SPAC1610.02c	1.842070e-03	4.411201e-06	-2.850896e-03	-1.301934e-04
## SPAC1610.03c	6.562725e-05	-3.521408e-04	-5.198622e-05	-1.188515e-04
## SPAC1610.04	8.138650e-04	-2.906376e-03	1.906123e-03	5.236320e-05
## SPAC1002.02	6.663251e-04	2.180985e-03	-1.744329e-03	-9.715356e-04
## SPAC1002.03c	-2.733264e-03	8.198333e-03	-2.207341e-03	4.556928e-03
## SPAC1002.04c	-3.872610e-03	-1.175905e-03	-9.399403e-04	9.529568e-04
## SPAC1002.05c	1.039793e-03	1.161908e-03	1.526391e-03	3.691000e-04
## SPAC1002.09c	-8.775950e-03	6.664825e-04	-2.855119e-03	-1.854438e-02
## SPAC1002.12c	-1.395077e-03	7.431889e-04	5.170466e-03	-4.923586e-03
## SPAC1002.20	-3.858869e-04	-5.462978e-04	-3.460951e-04	4.362497e-04
## SPAC1002.19	3.002889e-02	3.218896e-02	-2.557292e-02	-2.713967e-02
## SPAC1399.04c	7.904429e-04	3.263714e-05	-3.898029e-03	-2.587123e-03
## SPAC1399.03	4.186456e-03	1.419245e-03	2.504527e-03	-3.480586e-03
## SPAC1399.01c	3.811215e-04	-1.408126e-03	-2.793483e-03	1.034378e-04
## SPAP11E10.02c	-8.882109e-04	-5.977739e-04	-2.088952e-03	1.807262e-03
## SPAPB1A10.02	8.233713e-04	2.229243e-04	-1.782793e-03	-1.293431e-03

## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	3.231551e-03	3.214335e-03	-1.013276e-02	3.957887e-03
## SPAPB1A10.07c	-2.839799e-03	9.245942e-05	-4.456223e-03	-3.844323e-03
## SPNCRNA.767	-6.768385e-04	2.264092e-03	6.503537e-04	3.061327e-05
## SPNCRNA.768	-1.136637e-03	-3.655410e-05	4.160540e-04	3.138137e-04
## SPAPB1A10.08	-1.918413e-04	-7.510359e-04	-1.706369e-05	-1.178647e-03
## SPAPB1A10.10c	2.660428e-03	4.226910e-03	1.753519e-04	1.221861e-03
## SPAPB1A10.11c	2.852514e-03	-1.487829e-03	2.245735e-03	-1.380477e-03
## SPAPB1A10.12c	-1.250810e-03	1.152765e-03	-2.536494e-03	-1.169645e-03
## SPNCRNA.769	1.746337e-03	1.327583e-03	-5.013926e-04	1.060229e-04
## SPNCRNA.770	4.254799e-05	-7.342710e-04	-6.897847e-05	5.073483e-04
## SPAC140.02	-4.411366e-02	-3.388784e-02	3.753635e-03	3.419846e-02
## SPNCRNA.771	-2.281326e-03	-3.258744e-04	1.546920e-03	1.559414e-03
## SPAC140.04	-2.387850e-04	1.924521e-03	-5.312046e-04	9.838829e-04
## SPAC110.02	3.357290e-03	-1.281120e-03	-1.963704e-03	-7.456276e-04
## SPNCRNA.773	3.476557e-04	1.642949e-04	1.952321e-04	-1.682556e-04
## SPAC110.04c	9.512550e-03	3.539003e-02	1.049057e-02	-1.760420e-02
## SPAP14E8.02	-1.551250e-03	1.286410e-02	1.015510e-03	-1.007328e-02
## SPAP14E8.03	-3.906409e-03	-6.687749e-03	1.660859e-03	2.038428e-03
## SPAP14E8.04	2.440598e-03	2.062587e-03	-1.719506e-03	-7.993740e-04
## SPAP14E8.05c	2.695546e-05	-7.513373e-04	-3.447570e-03	9.579727e-04
## SPAC3H1.03	-5.543148e-05	-1.178618e-04	-1.317216e-03	7.071442e-04
## SPNCRNA.775	7.434552e-05	-5.247017e-05	-4.596738e-04	1.554929e-04
## SPAC3H1.08c	2.309843e-04	2.146793e-03	-1.187553e-04	2.978222e-03
## SPNCRNA.776	-4.121531e-04	-1.251664e-03	-2.976401e-04	-5.222522e-04
## SPAC3H1.10	-2.652748e-03	-3.956440e-03	-3.271951e-03	1.597508e-03
## SPNCRNA.778	8.346546e-04	-1.729867e-03	-1.128600e-04	7.729457e-05
## SPNCRNA.779	1.853281e-05	-9.965729e-04	-1.382865e-03	2.300012e-04
## SPNCRNA.780	-4.607316e-05	1.613772e-03	1.420632e-03	-9.933630e-04
## SPNCRNA.782	2.243358e-04	-1.964786e-04	1.735056e-04	-1.454138e-03
## SPAC3H1.11	-6.813643e-03	-1.385974e-02	-2.443260e-03	-2.252394e-03
## SPAC3H1.14	-1.812445e-04	9.045942e-04	-2.115848e-03	-2.703741e-03
## SPAC9G1.05	8.639628e-03	1.622803e-03	-1.148445e-02	1.900891e-03
## SPAC9G1.06c	-8.230292e-04	-3.955906e-03	-4.736013e-03	1.830481e-03
## SPAC9G1.07	1.051814e-03	-1.806317e-03	-1.283365e-03	5.833895e-04
## SPAC9G1.11c	-1.906098e-03	-2.889394e-03	2.257208e-03	3.923861e-03
## SPAC9G1.12	-3.132589e-03	2.287605e-03	-6.757405e-03	2.549265e-03
## SPAC767.01c	-5.900627e-03	-4.553719e-03	1.434373e-02	4.741345e-03
## SPNCRNA.786	1.936090e-04	-1.297350e-03	6.557867e-04	1.541521e-03
## SPAC17H9.01	-7.403659e-03	3.842857e-03	-1.277413e-03	3.347066e-03
## SPAC17H9.05	4.911199e-03	9.335390e-03	1.740453e-02	7.959087e-03
## SPAC17H9.06c	-1.392070e-03	3.567331e-04	-5.281073e-04	-2.176021e-04
## SPAC17H9.07	4.736534e-03	3.104565e-04	-4.198063e-03	-1.715632e-03
## SPAC17H9.08	-2.754096e-03	3.819578e-04	-6.818442e-03	3.000807e-03
## SPAC17H9.11	-1.300452e-03	1.556465e-03	4.000251e-03	4.962566e-03
## SPNCRNA.788	-1.261131e-03	2.300401e-05	-2.351193e-04	6.969259e-05
## SPAC17H9.18c	3.115923e-05	2.639996e-04	1.202468e-04	-9.776537e-05
## SPAC17H9.19c	4.981883e-04	-2.027132e-03	-1.298898e-03	1.737816e-03
## SPAC607.02c	4.841244e-04	5.178231e-04	-4.508490e-04	1.330821e-03
## SPNCRNA.789	-1.076315e-03	-8.397248e-04	2.735317e-04	-9.902296e-04
## SPAC607.07c	1.708083e-04	6.558949e-03	3.803412e-03	3.070960e-03
## SPAC607.08c	5.094514e-03	-4.414785e-03	-1.914409e-03	3.634516e-03
## SPNCRNA.186	1.132183e-04	5.144051e-05	-3.157034e-05	1.492181e-04
## SPAC607.10	-3.985907e-03	3.878694e-03	-1.492706e-03	-3.676504e-03

## SPNCRNA.790	1.067528e-04	4.438908e-05	6.126412e-05	1.257634e-04
## SPAC3C7.01c	-6.942434e-04	-5.509037e-03	-3.487347e-03	3.766824e-03
## SPAC3C7.03c	-5.688336e-04	1.139085e-04	3.025478e-03	-7.957612e-05
## SPAC3C7.04	-1.881221e-03	2.475733e-03	-1.240877e-02	2.411110e-03
## SPAC3C7.05c	-6.049588e-03	6.893981e-03	1.338040e-02	7.393470e-04
## SPAC3C7.06c	7.556152e-04	3.155306e-03	-3.249003e-03	-1.529160e-03
## SPAC3C7.07c	-2.355650e-03	1.157703e-03	-3.719998e-03	-7.769645e-04
## SPAC3C7.10	4.122486e-03	-4.350213e-03	-1.099410e-03	1.030346e-03
## SPAC3C7.11c	1.823428e-02	-3.229514e-02	1.517637e-02	2.998307e-02
## SPAC3C7.12	-1.123624e-03	6.129026e-03	-1.587898e-03	-2.665502e-03
## SPAC3C7.13c	-3.054898e-03	-2.200983e-03	2.450481e-03	9.902372e-03
## SPNCRNA.792	5.862117e-05	2.108059e-03	1.857662e-04	-7.067048e-05
## SPAC3C7.14c	5.592403e-02	3.155595e-02	-4.274640e-03	4.597952e-02
## SPAC25A8.01c	-4.526738e-03	1.265711e-02	-5.797171e-03	7.358897e-03
## SPAC631.01c	1.983535e-03	8.408642e-04	-5.617309e-03	2.287370e-03
## SPAC20H4.01	-4.292026e-03	1.419418e-03	-1.042338e-02	5.381781e-04
## SPNCRNA.795	7.228453e-04	-1.020764e-04	-7.607562e-04	6.298324e-05
## SPAC20H4.05c	-2.291818e-03	3.108795e-03	-2.130002e-03	-1.069907e-03
## SPAC20H4.06c	-2.417528e-04	-8.519141e-04	2.190055e-03	7.054233e-04
## SPAC20H4.07	4.479557e-04	2.709940e-03	-1.399656e-03	-1.541480e-03
## SPNCRNA.796	-9.840054e-04	3.430395e-04	9.830450e-04	5.525556e-04
## SPAC20H4.11c	-6.750142e-04	-1.459561e-03	-6.238570e-04	3.282100e-03
## SPAC23C11.02c	-1.013098e-02	-1.080526e-02	2.877503e-02	1.137778e-02
## SPAC23C11.06c	-4.518104e-03	7.889969e-04	3.136119e-03	8.538224e-03
## SPNCRNA.798	1.217685e-03	-1.606101e-03	6.500014e-04	-1.281658e-03
## SPAC23C11.07	1.487953e-04	-1.301160e-05	-3.063943e-04	4.200973e-05
## SPAC23C11.12	1.247077e-03	7.320171e-04	-2.201637e-03	-4.749152e-05
## SPAC23C11.13c	-7.945554e-04	7.232326e-03	1.326178e-03	-3.780857e-03
## SPNCRNA.187	-6.393062e-05	-8.752471e-05	2.277342e-04	2.704322e-05
## SPAC23C11.16	-1.118282e-03	1.774614e-03	3.179378e-03	-1.493587e-03
## SPAC13F5.03c	-9.387037e-04	1.914321e-03	-1.322139e-03	1.211106e-03
## SPAC13F5.04c	-5.095714e-04	1.516242e-03	-4.734157e-04	1.440078e-04
## SPAC13F5.05	-5.129756e-04	8.370454e-04	-3.277395e-03	2.616135e-03
## SPAC1783.01	-2.925258e-03	6.010717e-03	3.488025e-03	3.537956e-03
## SPAC1783.03	-3.990253e-04	-1.041611e-03	-1.633909e-03	4.501870e-04
## SPAC1783.05	7.294775e-03	-3.628165e-03	-2.792930e-03	6.374559e-04
## SPAC18G6.03	-1.563101e-03	1.021704e-02	-5.545501e-03	-1.045422e-02
## SPNCRNA.805	9.690993e-05	-2.458990e-07	-3.044497e-05	8.365666e-05
## SPNCRNA.188	3.080988e-04	1.655332e-04	-2.141201e-04	-5.699589e-05
## SPAC18G6.15	-1.466138e-03	-1.093384e-03	2.591274e-03	5.510054e-03
## SPAC13D6.01	-2.339708e-03	-7.179406e-04	5.409112e-04	2.342100e-03
## SPNCRNA.807	-2.176018e-03	1.513368e-03	2.159060e-03	-3.065589e-04
## SPAC13D6.03c	2.113370e-03	5.469624e-04	-2.943622e-03	-8.312237e-04
## SPAC4G9.04c	-2.487877e-03	1.115818e-03	1.130024e-03	-1.287973e-03
## SPAC4G9.03	1.698607e-02	6.931896e-03	5.448157e-03	3.678898e-03
## SPAC4G9.05	-1.555689e-04	-1.164739e-03	6.760537e-04	5.722686e-04
## SPAC4G9.06c	1.925807e-03	2.324714e-03	-9.565297e-04	-3.258041e-04
## SPNCRNA.808	9.947445e-05	-8.129210e-04	-1.225764e-04	2.239995e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	2.922786e-03	1.614823e-02	-9.762720e-03	-9.988701e-03
## SPAC4G9.10	-2.876249e-03	4.420203e-03	-2.101286e-03	-2.705482e-03
## SPAC4G9.11c	-2.576477e-03	5.906975e-03	4.044418e-03	-3.209150e-03
## SPAC4G9.12	3.736402e-03	4.774063e-04	1.826004e-03	-5.108734e-03
## SPAC4G9.14	3.384211e-04	-2.295248e-04	-2.454347e-03	2.448951e-03

## SPAC4G9.15	-2.343458e-03	2.542470e-03	1.694486e-02	-3.860101e-04
## SPNCRNA.809	-7.488289e-05	2.714391e-04	-4.448288e-04	-2.565095e-04
## SPAC4G9.19	1.092933e-04	-1.998083e-03	-9.921355e-04	1.914305e-03
## SPAC4G9.20c	8.701122e-05	4.398587e-03	-1.086917e-03	8.966634e-04
## SPNCRNA.810	-1.592718e-03	-1.918307e-03	2.305423e-04	6.046453e-04
## SPAC13G7.01c	7.096860e-03	-8.937927e-03	2.624219e-03	2.906509e-03
## SPAC13G7.02c	8.816867e-03	1.564916e-02	-3.424742e-02	-8.133672e-02
## SPAC13G7.03	-8.219215e-04	5.262557e-04	-4.907208e-05	5.622952e-05
## SPAC13G7.04c	-1.077317e-03	2.116968e-03	-1.301844e-03	-7.649611e-03
## SPAC13G7.05	-2.696219e-03	1.767394e-03	1.840427e-03	-2.622577e-03
## SPAC13G7.06	-4.401304e-03	-5.140083e-03	-1.105965e-02	5.342185e-03
## SPAC13G7.10	-4.665992e-04	-8.125627e-04	-1.346562e-03	2.037514e-03
## SPAC13G7.12c	-3.013169e-04	2.916000e-03	-5.750322e-03	4.058743e-03
## SPAC13G7.13c	-1.281411e-03	1.685392e-03	-1.463265e-03	1.801898e-03
## SPNCRNA.812	-8.972639e-05	4.991871e-04	-8.903046e-06	7.970761e-04
## SPNCRNA.813	1.685040e-04	-1.176931e-03	5.284916e-04	1.092213e-04
## SPAC6C3.03c	1.309803e-04	-9.493620e-05	-1.719486e-04	4.091598e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	-2.025595e-04	-1.111857e-03	3.432201e-05	1.200001e-04
## SPNCRNA.815	6.331338e-04	-1.871888e-03	-1.290904e-03	7.057279e-04
## SPAC6C3.08	7.709547e-03	-4.572197e-04	4.284364e-04	-2.758146e-03
## SPAC6C3.09	3.668693e-03	-2.389011e-04	-3.670432e-04	2.626222e-03
## SPNCRNA.816	6.058402e-05	-1.614003e-03	1.297584e-04	1.053619e-03
## SPAC17G8.03c	1.213129e-03	1.262361e-04	-4.241217e-04	7.990011e-04
## SPAC17G8.15	-9.131935e-04	1.815605e-03	-7.249237e-04	5.832481e-04
## SPAC17G8.04c	9.384448e-04	5.647001e-03	2.538494e-03	-3.802877e-03
## SPAC17G8.06c	-2.084007e-02	2.767092e-02	-2.962114e-02	-3.720602e-02
## SPAC17G8.08c	5.459232e-03	-1.057000e-02	-1.092461e-02	-6.038947e-05
## SPAC17G8.11c	2.344011e-03	2.668196e-03	-3.947430e-03	2.282239e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	-6.139205e-04	7.063056e-03	-2.775646e-03	-1.499465e-03
## SPAC17G8.14c	5.644773e-04	3.242585e-03	1.602015e-03	-1.308012e-03
## SPNCRNA.818	-8.239199e-05	1.039328e-04	-7.384992e-05	-8.601527e-05
## SPAC22H10.02	1.182705e-03	-5.070926e-04	-3.850809e-03	-2.960812e-03
## SPNCRNA.820	2.799174e-04	2.157186e-05	4.170844e-04	-1.552843e-04
## SPAC22H10.04	-2.379490e-03	-1.387813e-03	-1.885758e-03	4.353814e-03
## SPAC22H10.05c	2.809713e-03	9.691294e-03	8.497290e-03	-5.666375e-03
## SPAC22H10.06c	2.094020e-05	-2.158325e-04	-5.827959e-06	1.249159e-04
## SPAC22H10.07	-1.888182e-03	2.598985e-04	-2.391431e-03	2.149378e-03
## SPAC22H10.08	3.835656e-03	4.848295e-03	-4.683794e-03	-2.067906e-03
## SPAC22H10.11c	-1.201125e-03	-5.606373e-03	1.412848e-03	9.534341e-03
## SPAC22H10.12c	1.052509e-02	3.104166e-03	-5.955898e-03	-3.763276e-03
## SPAC15F9.01c	-4.688207e-05	-4.671903e-04	-5.170006e-05	-1.214169e-04
## SPNCRNA.822	-1.411978e-04	-5.136105e-05	-8.664725e-05	-2.015843e-04
## SPNCRNA.193	-3.173791e-05	-8.070086e-05	1.059172e-05	2.919124e-06
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	-1.575894e-03	1.690545e-04	-6.010484e-03	1.654111e-03
## SPAC6B12.04c	4.887816e-03	-1.901822e-03	2.118927e-03	8.000070e-03
## SPNCRNA.824	4.560449e-04	-7.038841e-05	1.325457e-04	-2.610603e-04
## SPAC6B12.05c	-3.760058e-04	-5.422494e-03	-3.333540e-03	1.021631e-03
## SPAC6B12.06c	8.963625e-04	-2.539809e-04	1.403366e-04	5.356434e-04

## SPNCRNA.194	1.884048e-04	2.219522e-04	-1.067852e-04	6.397495e-05
## SPNCRNA.825	-9.753436e-05	1.157426e-03	3.792334e-04	-2.102762e-04
## SPAC6B12.19	1.761979e-04	6.366674e-04	-8.185246e-04	6.017753e-04
## SPAC6B12.09	-2.305204e-03	-3.359415e-03	2.049941e-03	1.635821e-03
## SPAC6B12.10c	2.744146e-03	2.158957e-03	2.799465e-03	3.211032e-04
## SPAC6B12.11	6.414877e-04	-2.270522e-03	6.299412e-04	-5.406885e-04
## SPNCRNA.43	-4.457214e-06	1.776031e-04	2.163501e-05	-1.269368e-04
## SPATRNATHR.02	-4.257401e-05	-3.944996e-03	-9.855452e-03	-3.396262e-03
## SPAC6B12.12	5.215557e-03	8.246316e-03	-1.253962e-02	6.920528e-04
## SPAC6B12.14c	-4.026447e-03	-4.490011e-04	5.952004e-04	6.943631e-04
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	-3.680411e-05	-3.278694e-05	6.311466e-06	2.043128e-04
## SPAC6B12.16	-2.780199e-04	5.404316e-04	1.928859e-04	-4.660669e-05
## SPNCRNA.827	4.693229e-04	-7.734563e-04	-9.364565e-04	1.337081e-04
## SPAC32A11.04c	7.976744e-04	1.923747e-02	7.777494e-03	-1.952266e-02
## SPAC32A11.01	-1.860947e-03	4.743577e-03	-7.331450e-04	-2.107479e-03
## SPAC32A11.03c	5.744757e-03	1.753770e-03	-5.594114e-03	2.377663e-03
## SPAC19A8.15	1.131278e-02	-1.707020e-02	1.528765e-03	-1.099812e-02
## SPAC19A8.14	9.181100e-04	-2.361028e-03	-1.121978e-03	1.157239e-03
## SPAC19A8.16	-3.812766e-03	-4.199889e-04	5.057969e-03	7.704062e-03
## SPAC19A8.06	3.066948e-04	3.018139e-04	-3.729249e-03	-1.127387e-03
## SPAC23H3.02c	3.455294e-03	-2.117277e-03	-3.132028e-04	4.155752e-04
## SPAC23H3.03c	-5.328485e-05	-3.360008e-03	4.962456e-04	-4.224870e-06
## SPNCRNA.558	-2.185275e-05	-2.235441e-05	4.061852e-05	-4.233692e-05
## SPNCRNA.830	-5.553898e-04	4.055983e-04	-9.980674e-06	1.331517e-04
## SPAC23H3.07c	-2.650084e-03	1.431090e-03	-6.238897e-03	3.332821e-03
## SPAC23H3.09c	-1.704067e-02	1.807309e-02	-7.418290e-04	-1.804026e-04
## SPATRNACYS.02	-2.951775e-03	1.084115e-02	6.217214e-04	6.089274e-03
## SPAC23H3.10	8.341257e-04	4.791448e-03	-8.421043e-04	1.440370e-04
## SPAC23H3.11c	1.573246e-03	-1.317247e-03	-5.759653e-04	9.361219e-04
## SPAC23H3.12c	9.109214e-04	6.572591e-04	-1.355705e-03	5.800575e-04
## SPAC23H3.14	-4.715126e-05	-1.732727e-03	-1.334038e-03	-2.740108e-03
## SPNCRNA.832	1.790594e-03	-4.941987e-04	-1.265542e-03	1.661317e-03
## SPAC25H1.02	9.594004e-04	1.296508e-03	1.035159e-03	4.716561e-04
## SPAC25H1.03	-1.699693e-04	-8.623399e-04	-4.053530e-03	-1.210874e-03
## SPAC25H1.10c	7.550689e-04	4.244867e-03	-2.133763e-04	-2.547229e-03
## SPAC25H1.09	-7.182173e-04	-7.958996e-04	4.140900e-04	9.548118e-04
## SPAC4A8.02c	-3.802964e-03	-2.206898e-03	-1.454344e-03	2.611995e-03
## SPAC4A8.03c	-2.217019e-03	2.738636e-03	-1.521782e-03	-4.336142e-03
## SPNCRNA.834	2.349216e-04	-2.171286e-04	2.658766e-04	9.148613e-04
## SPNCRNA.835	8.063953e-05	-1.098230e-05	-1.861892e-04	-7.687239e-05
## SPAC4A8.06c	7.300389e-03	5.777590e-03	2.215488e-03	1.006609e-02
## SPAC4A8.09c	-7.718279e-03	5.124526e-04	-2.864714e-03	1.653651e-03
## SPAC4A8.11c	6.285156e-02	-5.973563e-02	-9.434026e-03	-1.519782e-02
## SPAC4A8.13c	6.665199e-03	2.905286e-03	-1.875882e-02	2.277517e-03
## SPAC4A8.15c	-4.623423e-03	-2.671794e-03	-5.068114e-03	1.244630e-03
## SPAC4A8.16c	3.835427e-02	-5.053419e-03	5.956968e-02	-9.019205e-03
## SPNCRNA.840	3.059910e-04	-3.850789e-04	1.617309e-04	-6.889380e-04
## SPAC823.02	-4.418048e-04	-5.436187e-03	2.919431e-03	-4.161957e-03
## SPAC823.04	2.058379e-04	-3.277954e-03	7.879061e-04	2.307292e-04
## SPAC823.05c	-3.773667e-03	-3.446674e-03	4.643505e-03	5.122202e-03
## SPAC823.06	-1.295872e-03	-5.827951e-04	-1.314310e-03	9.153717e-04
## SPAC823.08c	-1.051610e-03	3.905436e-03	-5.450240e-03	4.025428e-03
## SPAC823.09c	3.540229e-03	-4.319521e-03	-2.056406e-03	7.342535e-04

## SPAC823.10c	3.855883e-04	1.262081e-05	-2.421646e-03	1.255345e-03
## SPAC823.15	1.030241e-04	3.018342e-04	-3.836527e-03	-6.141178e-04
## SPAC7D4.13c	-6.084369e-05	6.437706e-05	-3.786796e-03	-1.430357e-03
## SPAC7D4.12c	3.134801e-03	-8.998712e-04	-3.174748e-03	-2.172802e-03
## SPAC7D4.10	2.076527e-04	7.688873e-04	-2.129861e-03	-3.984398e-03
## SPNCRNA.842	2.208368e-04	-1.872960e-04	-9.507813e-05	-1.095886e-04
## SPAC7D4.15c	-8.976847e-05	1.385169e-03	6.565979e-04	-6.991643e-04
## SPAC7D4.07c	4.061031e-03	1.210544e-02	1.030249e-02	-2.365704e-04
## SPSNORNA.12	4.798744e-02	1.015271e-02	-1.021138e-02	2.836448e-02
## SPAC7D4.05	1.408686e-05	5.012267e-03	1.401369e-03	1.564415e-03
## SPAC7D4.02c	-3.847381e-03	1.093322e-03	3.072828e-03	3.610180e-04
## SPAC4F8.13c	-8.326357e-03	6.203781e-03	-8.469757e-03	9.226812e-04
## SPAC4F8.11	-8.001748e-04	3.786230e-03	-2.452666e-03	3.705361e-04
## SPAC4F8.08	4.126714e-04	-5.046290e-04	6.173157e-05	-5.062390e-04
## SPNCRNA.201	6.582688e-05	-2.714920e-04	3.448858e-05	9.880523e-06
## SPAC4F8.06	-3.547807e-03	-1.048288e-03	-1.363663e-03	-3.143632e-03
## SPAC4F8.05c	2.249336e-03	4.160715e-03	2.432322e-04	9.163167e-04
## SPAC4F8.04	-1.003889e-02	-1.911396e-03	-2.263246e-03	2.771594e-03
## SPAC644.06c	-2.124975e-03	-2.914871e-03	-9.748429e-04	2.354955e-03
## SPNCRNA.844	-5.515891e-04	-1.874072e-03	-1.000932e-05	1.196049e-03
## SPATRNLALYS.04	-9.131982e-04	-1.827622e-03	-1.548820e-03	2.362503e-03
## SPAC644.07	7.057196e-04	-4.738158e-03	-5.679324e-03	3.497651e-03
## SPAC644.09	2.687165e-03	3.115041e-03	-3.044767e-03	8.841596e-04
## SPAC644.10	4.561005e-04	5.714183e-04	-2.534330e-03	3.308649e-03
## SPAC644.12	1.101141e-03	-8.093641e-03	-2.492268e-03	-4.729827e-05
## SPAC644.13c	-1.036882e-04	-1.838098e-03	-4.850271e-03	-2.284547e-03
## SPAC644.17c	2.877325e-03	1.901906e-03	-5.187495e-03	-1.320347e-03
## SPNCRNA.198	-1.091500e-04	-2.917294e-05	1.549073e-05	-7.545210e-05
## SPAC644.18c	4.017036e-03	-1.771416e-03	-3.810738e-03	3.448189e-03
## SPAPB2B4.01c	-1.051566e-03	3.503148e-03	1.084559e-03	-1.397417e-03
## SPSNORNA.54	1.097353e-02	1.834718e-02	1.155018e-02	7.176964e-03
## SPNCRNA.846	-4.186108e-04	-1.134301e-03	4.043345e-05	3.220807e-04
## SPAPB2B4.05	4.646029e-03	2.772145e-03	-5.045005e-03	-8.858582e-04
## SPAPB2B4.06	-7.467962e-05	-4.165955e-04	-1.687923e-03	1.652210e-03
## SPAPB2B4.07	-2.948869e-03	-1.938020e-03	1.153303e-03	4.283770e-04
## SPAC6F6.01	-1.822843e-03	2.917412e-03	-1.615049e-02	-3.256975e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	-9.143060e-05	7.072457e-05	1.914711e-06	3.793982e-05
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	1.814068e-04	1.065998e-04	5.793319e-05	-1.565629e-04
## SPAC6F6.05	-3.818586e-03	-1.362166e-03	6.663125e-04	-2.400170e-05
## SPAC6F6.06c	-3.786641e-03	-1.025401e-03	-6.930544e-03	9.784639e-03
## SPAC6F6.07c	-6.320393e-03	-1.316657e-02	-1.386267e-02	1.499911e-02
## SPAC6F6.12	1.333420e-03	3.107293e-03	4.713281e-03	-5.173891e-03
## SPNCRNA.850	-1.689069e-04	-5.347831e-04	-7.793820e-04	3.136523e-04
## SPNCRNA.851	-5.713399e-04	3.597553e-04	1.151895e-04	-3.879235e-04
## SPAC6F6.19	6.476631e-05	-7.778650e-04	-1.146354e-03	-1.223504e-03
## SPAC6F6.15	-9.193029e-05	-3.575353e-03	2.261294e-03	-1.608599e-03
## SPAC6F6.16c	1.066020e-03	7.901465e-04	1.829163e-04	2.438425e-03
## SPAC1805.01c	-1.872063e-03	4.603631e-03	1.362856e-03	5.897921e-03
## SPAC1805.02c	-7.611918e-05	-9.050089e-03	4.041145e-03	1.005234e-03
## SPAC1805.06c	-1.044616e-03	-7.191633e-03	-6.620453e-03	-1.879605e-03
## SPNCRNA.853	7.350504e-04	-9.877458e-05	-6.072186e-04	1.501634e-04
## SPAC1805.07c	1.465814e-04	-2.988825e-03	-7.269442e-04	5.548998e-04

## SPNCRNA.854	-1.011833e-03	-1.378735e-03	-8.337237e-04	8.897426e-04
## SPAC1805.08	2.611632e-04	-2.829109e-03	9.729730e-04	3.843243e-03
## SPAC1805.18	2.088751e-03	2.310332e-03	1.067426e-04	1.752511e-03
## SPAC1805.09c	9.863899e-04	-1.125911e-03	-1.174253e-03	2.274391e-03
## SPAC1805.10	-2.559277e-03	2.170914e-03	1.003377e-03	-2.092260e-03
## SPAC1805.12c	-2.981275e-02	-2.479730e-02	2.155185e-02	-1.435184e-02
## SPAC1805.13	-1.119172e-02	1.816783e-02	1.715810e-03	1.466828e-02
## SPATRNALEU.02	1.951457e-02	-5.978586e-03	-1.913388e-03	1.201319e-03
## SPAC1B2.02c	-4.547143e-03	-3.791723e-03	6.716680e-04	-1.223690e-03
## SPAC1B2.03c	-1.902411e-02	2.313869e-03	6.205929e-04	-2.541437e-03
## SPAC1B2.04	5.731224e-03	-3.102143e-03	4.251278e-03	3.561422e-03
## SPAC1B2.05	1.721625e-03	-9.898414e-04	-1.678729e-03	-1.934116e-03
## SPAC3F10.03	-1.247160e-02	1.096934e-02	2.033020e-02	-7.351600e-03
## SPAC3F10.04	-2.871666e-03	-6.677563e-04	1.575553e-03	-4.291530e-03
## SPAC3F10.06c	-5.591311e-04	8.459144e-04	1.961242e-03	1.430048e-03
## SPNCRNA.855	-6.053060e-04	1.879797e-04	1.435646e-04	9.934225e-05
## SPAC3F10.09	-1.118825e-02	-5.729568e-04	2.608406e-03	-4.212115e-03
## SPAC3F10.11c	8.382545e-03	-3.887715e-03	2.165160e-04	-6.204714e-04
## SPATRNNATHR.03	1.246150e-02	1.105689e-03	-1.175772e-02	-5.660064e-03
## SPAC3F10.15c	-2.348595e-03	-1.652679e-03	3.340657e-03	7.701505e-04
## SPAC3F10.13	1.106011e-04	4.065393e-03	-5.056076e-03	1.055068e-03
## SPAC3F10.16c	6.397168e-03	-4.604184e-03	8.015272e-04	7.096744e-03
## SPAC3F10.17	6.860997e-04	1.626461e-03	-2.899310e-03	3.143559e-03
## SPAC3F10.18c	2.561530e-02	2.678571e-02	4.310522e-02	-7.297231e-03
## SPAC8F11.03	-8.534678e-04	3.823147e-03	-2.908647e-03	5.397588e-03
## SPNCRNA.856	-7.116297e-05	2.067040e-04	4.586118e-04	-5.051396e-04
## SPAC8F11.04	-2.034428e-03	-3.082806e-03	-5.200480e-03	-2.286848e-03
## SPAC8F11.08c	8.762484e-04	4.292932e-03	-1.002759e-02	-5.390655e-03
## SPAC8F11.09c	-5.698080e-04	8.484935e-04	3.451689e-03	-1.486314e-03
## SPNCRNA.857	-1.997025e-03	-3.351667e-03	-8.943261e-04	-8.480314e-04
## SPACUNK4.17	-4.035178e-02	-1.093587e-02	1.374506e-03	6.781968e-02
## SPACUNK4.19	-8.050237e-04	1.069023e-03	-1.326348e-04	-5.243776e-04
## SPACUNK4.16c	-1.016564e-02	2.195200e-03	-1.531880e-02	9.504527e-03
## SPACUNK4.15	-1.109488e-03	1.659814e-02	9.304254e-03	-7.262762e-03
## SPACUNK4.14	8.852521e-04	5.549794e-04	-2.679493e-03	-3.431210e-03
## SPNCRNA.56	-4.952873e-04	-1.739785e-04	3.496001e-04	3.136402e-04
## SPACUNK4.12c	-8.819559e-04	3.775508e-03	-7.015381e-03	-1.917281e-04
## SPACUNK4.11c	9.506192e-04	-8.147731e-04	4.633629e-05	5.373380e-04
## SPACUNK4.20	-3.913956e-04	1.988043e-03	2.243757e-03	-1.198563e-03
## SPACUNK4.09	2.806416e-04	1.376379e-03	3.205064e-03	-9.667628e-04
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	-5.457571e-03	4.387782e-03	-4.560268e-03	1.029754e-03
## SPAPYUK71.03c	-5.229030e-03	-1.058413e-02	-2.392511e-02	-2.440820e-03
## SPNCRNA.209	2.180955e-04	7.536173e-07	-1.982410e-04	-2.498783e-04
## SPAC513.04	-1.927358e-04	4.742435e-05	-7.096420e-05	-1.438936e-04
## SPAC513.06c	3.070919e-03	-1.114005e-03	4.142680e-03	1.049123e-02
## SPAC513.07	5.845664e-04	5.989634e-03	-9.265625e-03	-2.675160e-04
## SPAC2E1P3.02c	6.330468e-04	4.189128e-04	5.198501e-05	5.752954e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-1.890854e-05	-2.614830e-04	1.599486e-04	-2.020438e-04
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-4.781035e-03	-1.049879e-03	1.006848e-02	-1.023337e-02
## SPNCRNA.861	8.846527e-04	-6.050828e-04	9.278686e-04	9.659168e-04
## SPNCRNA.862	-2.700584e-04	-2.644095e-04	-5.255170e-04	1.042569e-03

## SPNCRNA.863	-5.317696e-03	-3.530953e-03	4.959946e-03	1.168653e-04
## SPAPB24D3.01	3.646738e-03	-1.651719e-03	-6.555658e-03	-1.753753e-03
## SPAPB24D3.02c	6.334295e-04	-2.745684e-03	-2.710163e-03	1.119274e-03
## SPAPB24D3.03	3.130207e-03	7.899836e-03	-2.072753e-03	1.426000e-03
## SPAPB24D3.04c	-3.550127e-05	-3.598377e-04	-7.204885e-04	-5.831615e-04
## SPAPB24D3.07c	-1.369685e-02	2.884827e-03	-3.467234e-03	1.580409e-02
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	-3.542104e-03	3.201976e-03	-6.591932e-03	8.676569e-04
## SPAPB24D3.10c	2.768737e-03	2.673231e-04	-2.488078e-03	-2.842919e-05
## SPNCRNA.867	3.531490e-04	-1.306124e-03	8.483088e-07	1.828553e-04
## SPNCRNA.868	3.380672e-04	-1.284178e-04	-1.731430e-04	2.617648e-04
## SPNCRNA.869	1.168035e-04	6.682264e-05	-2.329086e-04	4.512890e-05
## SPAPB1A11.04c	-2.857784e-03	3.572270e-03	-9.299069e-04	-1.810453e-03
## SPAC31G5.02	-2.534065e-03	7.576231e-04	4.267012e-03	-3.492886e-03
## SPNCRNA.870	-1.621359e-04	1.354386e-04	-1.145170e-04	-2.583096e-04
## SPAC31G5.04	3.696976e-03	-1.456571e-02	1.118936e-02	7.343277e-03
## SPAC31G5.06	-4.328257e-04	-8.675849e-04	-1.864461e-04	9.462268e-06
## SPNCRNA.871	-3.004883e-04	-7.535004e-04	-1.285558e-03	3.927535e-04
## SPAC31G5.08	-1.558626e-03	-9.599645e-03	-6.596248e-03	-2.460324e-03
## SPNCRNA.71	1.106183e-04	3.499697e-05	-4.197343e-04	2.927544e-04
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	-1.393623e-03	1.606378e-04	-2.127066e-03	-1.185504e-03
## SPAC31G5.11	3.125787e-03	-8.182472e-04	-3.107752e-02	-2.776772e-03
## SPAC31G5.21	-2.403577e-04	-1.783259e-04	-1.495133e-03	1.416166e-04
## SPNCRNA.874	1.573740e-04	7.634522e-04	5.140244e-04	2.250335e-04
## SPAC31G5.14	5.411824e-03	-2.856970e-03	1.791784e-03	-6.594382e-03
## SPAC31G5.16c	2.096173e-03	-6.411791e-03	-4.724748e-03	-7.126235e-04
## SPAC31G5.18c	1.090159e-03	5.327191e-03	2.002566e-03	-2.604094e-04
## SPAC31G5.19	-1.027556e-03	5.456527e-04	-3.441915e-03	4.769674e-03
## SPNCRNA.876	3.563817e-05	6.051298e-04	4.447087e-04	-6.006530e-05
## SPNCRNA.877	-3.973862e-04	-4.071488e-04	-6.306970e-05	-1.475740e-04
## SPAC1786.02	4.603358e-03	-2.530608e-02	5.914076e-03	-5.300993e-03
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	-9.718403e-04	5.040613e-03	-9.971299e-04	1.902681e-03
## SPAC24C9.02c	9.117804e-04	3.247711e-03	5.238604e-03	4.655543e-03
## SPAC24C9.04	2.607844e-03	1.562424e-03	2.609560e-03	3.440041e-03
## SPAC24C9.05c	1.444500e-03	-1.396206e-03	-1.963084e-03	-1.443757e-03
## SPAC24C9.07c	-1.796269e-03	-1.100929e-03	-1.702046e-03	3.242099e-04
## SPNCRNA.881	2.053385e-04	4.597563e-05	-2.739448e-05	-1.561228e-04
## SPNCRNA.882	7.432065e-06	1.830008e-04	1.205278e-04	2.370099e-05
## SPAC24C9.08	-2.109660e-04	9.617477e-03	-7.374283e-03	-6.040025e-03
## SPAC24C9.10c	3.610662e-04	3.720558e-03	-3.972957e-03	3.037680e-03
## SPAC24C9.11	1.153988e-02	3.869431e-03	3.920329e-03	4.641078e-03
## SPAC24C9.12c	1.064544e-02	1.241205e-02	1.086690e-03	-1.123128e-02
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	2.691672e-04	2.507212e-03	6.058259e-04	2.322999e-03
## SPNCRNA.884	-1.098761e-04	1.116803e-05	-1.622810e-05	1.282670e-04
## SPATRNALYS.05	-8.526124e-04	2.728826e-03	2.087431e-03	-3.246497e-04
## SPAC16A10.05c	-8.323347e-06	-1.014039e-05	-3.390931e-04	-1.467085e-03
## SPAC16A10.06c	5.296547e-04	9.513181e-04	1.068502e-03	7.259793e-04
## SPAC16A10.07c	-3.443809e-03	-8.100593e-04	2.149060e-03	-4.116789e-03
## SPNCRNA.885	1.816455e-03	1.286394e-03	9.630117e-04	9.909273e-05
## SPAC16A10.08c	-1.629157e-03	2.574334e-03	-9.087653e-04	7.824331e-04
## SPAC589.03c	5.862846e-04	3.084572e-03	8.819178e-06	5.653135e-04

## SPAC589.06c	3.001655e-03	2.349140e-02	6.341305e-03	1.128645e-02
## SPAC589.08c	-7.013316e-04	-2.172016e-03	-1.803320e-03	1.148152e-03
## SPAC589.11	-4.798751e-04	-2.730856e-04	-2.165301e-05	-1.439637e-04
## SPAC688.02c	1.896997e-03	-1.389722e-03	2.195272e-03	4.220083e-03
## SPAC688.06c	-8.006066e-04	7.952992e-04	-9.566652e-04	-6.375832e-04
## SPAC688.07c	-7.024553e-03	7.071725e-03	-3.019743e-04	-6.123761e-03
## SPAC688.08	-2.706768e-03	5.522478e-03	-6.064850e-03	6.283244e-04
## SPAC688.09	2.977201e-04	-2.629633e-04	3.407033e-03	4.371384e-03
## SPNCRNA.888	5.392933e-04	-1.616898e-04	1.023206e-04	6.761832e-04
## SPNCRNA.889	-1.095734e-05	1.680161e-03	2.080181e-05	-1.360617e-03
## SPAC688.13	-2.979265e-03	1.411199e-03	8.165958e-04	-9.016168e-04
## SPNCRNA.890	1.372066e-03	1.077864e-03	-2.651750e-04	6.299476e-05
## SPAC688.14	-3.521556e-03	1.406124e-03	2.111646e-03	-3.553053e-03
## SPAC688.16	-2.857662e-04	5.864890e-03	1.863029e-03	-1.204100e-03
## SPNCRNA.891	-5.323167e-04	-6.177189e-04	-7.022028e-05	3.761988e-04
## SPAC3G9.15c	-3.363796e-03	2.715769e-03	1.197359e-03	2.505616e-03
## SPNCRNA.216	-5.625982e-05	-2.954267e-05	-9.313194e-06	7.477193e-05
## SPAC3G9.13c	-2.370832e-03	-2.060179e-04	2.371579e-03	1.400093e-03
## SPNCRNA.217	-8.235820e-05	-8.456169e-05	3.985902e-04	4.656714e-05
## SPAC3G9.11c	1.117739e-04	4.611180e-05	-6.908124e-05	5.657573e-04
## SPAC3G9.17	1.412900e-03	1.425231e-03	-1.804522e-03	-1.398865e-03
## SPATRNATHR.04	-1.359705e-02	-2.367694e-02	-1.095437e-02	1.137485e-02
## SPNCRNA.218	-5.848680e-04	-9.162436e-05	-4.330051e-04	-7.000356e-04
## SPNCRNA.892	-8.748663e-04	-1.811307e-03	-3.752743e-04	1.331543e-03
## SPAC3G9.09c	1.096529e-02	-3.317633e-02	6.269204e-03	2.838324e-02
## SPAC3G9.07c	2.445716e-03	-4.300270e-03	-2.390409e-03	4.913449e-03
## SPAC3G9.06	-1.213812e-03	-1.035650e-02	9.871677e-03	1.336258e-03
## SPAC3G9.03	3.702882e-03	5.268962e-02	4.295383e-02	1.092403e-02
## SPAC3G9.01	-1.880295e-04	-9.577509e-04	-1.955564e-04	3.369896e-04
## SPAC1486.01	1.042755e-02	-1.648667e-05	-6.194306e-03	2.768364e-03
## SPAC1486.05	-5.564170e-03	-1.161572e-02	5.601329e-03	1.518139e-02
## SPNCRNA.894	-4.714285e-04	3.097340e-04	4.909033e-04	1.490701e-03
## SPAC1486.11	-4.552830e-04	-1.357024e-03	2.061770e-03	1.546583e-03
## SPAC1486.07c	-9.982123e-04	2.896803e-03	2.602466e-03	-1.767251e-03
## SPAC1486.08	-8.747422e-04	1.684221e-03	7.287510e-04	-2.305182e-03
## SPAC1486.10	-1.182514e-04	6.133706e-03	-5.349768e-03	-2.648684e-03
## SPAC6G10.02c	-2.575087e-03	-3.355690e-03	-3.358294e-03	6.528086e-03
## SPAC6G10.03c	-1.718712e-04	7.136712e-03	5.241931e-03	-1.665855e-03
## SPAC6G10.04c	1.564169e-03	-1.741551e-02	1.078608e-02	2.797696e-04
## SPAC6G10.05c	-5.231561e-03	-6.352349e-03	-3.143742e-03	1.446377e-03
## SPNCRNA.896	8.408877e-04	-6.940052e-04	1.098402e-04	1.943367e-03
## SPAC6G10.07	9.623472e-03	-3.837872e-03	-3.451360e-03	3.217631e-04
## SPAC6G10.08	-1.166609e-02	3.749139e-03	-7.075343e-03	-4.605549e-03
## SPAC6G10.09	-3.183449e-03	-1.050617e-02	-1.573293e-03	-8.682428e-03
## SPAC6G10.10c	-1.539147e-03	-1.911584e-03	8.599069e-04	-5.867514e-04
## SPAC6G9.02c	-1.526532e-03	7.431836e-03	-1.213684e-04	6.779004e-03
## SPAC6G9.03c	1.330627e-03	-3.755778e-04	-3.245074e-03	-8.050617e-04
## SPAC6G9.09c	-1.054101e-03	-8.522526e-03	2.738211e-03	2.452224e-02
## SPAC6G9.12	-5.151797e-03	-2.181490e-03	-6.962497e-04	-5.533030e-03
## SPNCRNA.899	-8.550347e-05	-5.362964e-05	-8.981378e-05	-9.924175e-05
## SPAC6G9.15c	-1.981721e-03	5.094966e-05	-1.386849e-03	-7.135676e-04
## SPAPB1E7.01c	-8.859573e-04	-1.240072e-03	-2.787205e-05	5.721439e-04
## SPAC652.01	-3.087806e-03	-1.429743e-03	-8.520052e-04	3.860911e-03
## SPAPB1E7.03	1.784606e-03	3.595260e-03	6.079573e-04	2.421688e-03

## SPAPB1E7.04c	-8.842212e-03	-9.981008e-03	-1.380224e-02	-1.309623e-02
## SPAPB1E7.06c	4.049326e-04	-1.384862e-03	-1.496147e-03	1.489699e-03
## SPNCRNA.900	-1.765172e-03	-8.110792e-04	-2.460395e-04	-2.681769e-04
## SPAPB1E7.07	1.979837e-02	2.970859e-02	-7.279373e-02	-3.349146e-02
## SPNCRNA.901	1.615958e-04	7.735336e-04	5.649490e-04	1.544314e-04
## SPSNORNA.43	-5.877563e-07	3.353356e-06	8.834030e-06	-8.396061e-06
## SPAPB1E7.10	-3.054801e-04	4.439139e-04	1.247014e-03	5.816291e-04
## SPAC2E1P5.01c	-3.491907e-03	1.770968e-03	-6.495501e-03	-9.610246e-03
## SPAC2E1P5.03	5.892414e-03	-8.760234e-04	1.218165e-03	-3.709302e-03
## SPAC2E1P5.05	-1.293715e-03	3.585550e-03	6.296717e-05	3.067503e-03
## SPAC26A3.02	-2.256939e-03	3.498598e-03	2.343075e-04	2.759729e-03
## SPAC26A3.05	2.068907e-02	-1.407185e-02	-5.313429e-03	2.331447e-02
## SPAC26A3.08	3.630775e-03	-2.146145e-03	2.854522e-03	2.334912e-04
## SPAC26A3.09c	-4.652202e-03	1.136602e-03	-7.224936e-04	4.373746e-04
## SPAC26A3.10	1.001220e-03	1.574018e-03	-1.949505e-02	9.142160e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	-1.282062e-03	1.321969e-03	-7.360909e-03	1.695813e-03
## SPAC8E11.12	4.678282e-04	-2.160374e-04	-3.125789e-04	2.952260e-04
## SPNCRNA.903	5.739656e-04	1.228214e-03	8.563320e-04	-5.859731e-04
## SPAC8E11.08c	-9.480064e-06	-2.516045e-04	-2.535643e-04	-2.933973e-04
## SPAC8E11.06	-3.561212e-04	4.219524e-04	-7.675670e-05	4.896225e-04
## SPAC8E11.04c	4.153531e-03	-9.386213e-03	1.919473e-03	-7.538986e-04
## SPNCRNA.904	4.529819e-04	-1.080300e-03	-6.826409e-04	2.370384e-03
## SPAC8E11.03c	-1.373243e-04	1.705838e-04	-1.010202e-04	7.981290e-05
## SPAC8E11.02c	1.004833e-02	-1.995610e-02	7.561497e-03	1.928962e-02
## SPAC959.02	-2.067734e-03	3.455787e-04	6.488123e-03	-4.138627e-03
## SPAC959.03c	-6.477134e-03	2.792014e-03	-5.924678e-03	-3.927972e-03
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-4.392536e-04	-9.758297e-04	2.593868e-04	3.614790e-04
## SPAC959.05c	1.053242e-04	-8.132052e-04	-2.936770e-03	-2.923126e-04
## SPAC959.07	1.925635e-02	-1.803530e-02	1.069692e-04	1.280553e-02
## SPAC959.09c	-2.134094e-03	-4.438624e-03	-2.820236e-03	3.205131e-03
## SPAP32A8.02	1.440795e-03	-5.514506e-03	9.396907e-03	-4.789760e-03
## SPAP32A8.03c	-2.597009e-04	-2.726330e-03	-7.722591e-07	4.263453e-04
## SPAC3H5.10	1.213637e-02	-3.194378e-02	1.256148e-02	7.069721e-02
## SPAC3H5.08c	-1.622847e-03	1.790274e-04	2.051701e-04	3.640428e-03
## SPAC3H5.06c	-1.942639e-03	2.692428e-03	-3.459700e-03	-5.033542e-03
## SPAC3A11.13	-1.760870e-03	3.273777e-06	-4.025523e-04	-2.875046e-03
## SPAC3A11.12c	-1.205535e-02	2.520361e-03	-7.360662e-03	-1.409469e-02
## SPAC3A11.10c	-3.221201e-04	6.154523e-03	-1.098785e-03	1.292511e-03
## SPAC3A11.09	5.464055e-03	2.755862e-03	-3.729494e-03	-2.470210e-03
## SPNCRNA.909	-2.081977e-03	8.078979e-04	4.081193e-03	-1.418094e-03
## SPNCRNA.910	3.025099e-04	4.613841e-04	-3.799905e-04	6.170308e-04
## SPAC3A11.05c	-3.929857e-04	4.460786e-04	5.160129e-04	-1.050939e-03
## SPAC3A11.04	4.992911e-04	3.131336e-03	3.283669e-03	-8.833848e-04
## SPAC3A11.03	1.099614e-05	1.053194e-04	-3.271295e-03	2.112821e-03
## SPAC3A11.02	-3.778228e-03	-2.051761e-03	-2.018160e-03	4.314969e-03
## SPAC328.04	-2.862450e-03	5.053500e-03	5.159683e-03	4.141714e-03
## SPAC328.05	2.875403e-04	6.404618e-04	2.338293e-04	2.255139e-03
## SPAC328.06	-4.089860e-03	7.910245e-03	-1.396386e-02	-1.002893e-02
## SPAC328.08c	2.968201e-04	6.538593e-04	-5.529002e-05	2.469032e-04
## SPAC328.10c	-2.786535e-03	-3.342307e-03	-1.982706e-03	1.796954e-02
## SPNCRNA.222	4.519748e-05	1.635140e-05	-4.226143e-05	1.087921e-04
## SPAC16E8.02	7.579126e-04	-9.869028e-06	5.489278e-04	1.019075e-04

## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	3.299264e-04	3.341187e-04	-1.347507e-04	7.693640e-04
## SPAC16E8.06c	-1.074645e-03	3.250565e-03	1.115064e-02	6.733916e-03
## SPAC16E8.07c	5.419074e-03	5.670353e-03	-4.000553e-03	-4.272328e-03
## SPAC16E8.09	-3.234304e-03	1.737253e-03	1.314747e-03	-5.440782e-03
## SPAC16E8.13	4.864356e-03	9.997809e-04	-2.215227e-03	2.542926e-03
## SPAC16E8.15	-5.302493e-04	-2.146590e-03	-3.998875e-03	-4.536742e-03
## SPAC16E8.18c	7.171986e-04	1.797609e-03	4.950793e-04	-1.272323e-03
## SPAC1B1.01	5.616941e-04	-1.530126e-03	2.964806e-03	1.369246e-03
## SPNCRNA.915	1.356767e-04	-4.709789e-04	-2.874848e-04	-3.622400e-04
## SPAC17A2.01	-1.222271e-03	5.896208e-04	1.715455e-04	-2.958233e-03
## SPAC17A2.02c	-3.686558e-03	1.103728e-02	-5.740582e-03	1.784864e-03
## SPAC17A2.04c	2.727069e-03	3.767962e-03	-1.246889e-03	-2.092346e-03
## SPNCRNA.124	8.158221e-05	3.085818e-05	2.962953e-06	1.309583e-04
## SPATRNATRP.01	-3.435455e-04	-5.739310e-04	-7.314421e-04	7.398156e-04
## SPAC17A2.05	-1.260341e-03	3.045525e-03	1.887619e-03	2.166662e-03
## SPAC17A2.06c	-4.106419e-04	5.402689e-03	-2.562991e-04	-1.006365e-03
## SPAC17A2.07c	-1.106668e-03	1.497684e-03	4.547750e-05	2.598049e-03
## SPAC17A2.08c	-6.394513e-04	9.500013e-04	-2.955165e-03	-3.239381e-03
## SPAC17A2.09c	-5.218732e-03	-3.205509e-03	-1.220491e-02	4.149495e-03
## SPAC17A2.10c	-1.432674e-04	4.866947e-04	2.941849e-04	6.099455e-05
## SPAC17A2.11	3.256521e-04	-3.414993e-05	-8.591024e-05	3.532248e-04
## SPNCRNA.920	-7.324653e-05	-3.375909e-04	-1.338105e-03	2.329327e-03
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	2.778073e-03	-5.548737e-04	-1.872160e-03	1.192503e-03
## SPATRNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	7.905276e-03	3.206491e-03	-4.623864e-03	3.198558e-03
## SPAC17G6.05c	2.854102e-03	6.310164e-04	1.961384e-03	-3.299370e-03
## SPAC17G6.06	7.053424e-02	1.381230e-02	2.402238e-02	-2.771294e-02
## SPAC17G6.08	2.617545e-03	1.187565e-03	-8.289179e-04	1.878394e-03
## SPAC17G6.10	-3.483110e-03	4.204998e-03	-1.351168e-03	-6.877429e-04
## SPAC17G6.11c	-2.282901e-03	4.831121e-03	1.891579e-03	4.347878e-03
## SPNCRNA.921	-1.776010e-04	1.308802e-05	2.615200e-05	2.138058e-04
## SPAC17G6.13	5.902137e-03	6.559471e-03	-1.098194e-03	-1.400046e-02
## SPAC17G6.14c	-1.119150e-02	1.213928e-02	-1.128774e-02	7.252321e-03
## SPAC17G6.15c	1.375521e-03	-2.561169e-03	-1.125818e-03	1.198247e-03
## SPAC17G6.16c	3.633804e-03	-4.800955e-03	-6.771658e-03	4.093211e-03
## SPAC17G6.17	-1.183521e-03	2.737169e-03	-4.630675e-03	2.748955e-03
## SPAC1142.01	2.749283e-03	2.701302e-03	1.194279e-03	-1.059902e-03
## SPAC1142.02c	1.537389e-02	-1.121973e-03	-5.332483e-03	4.749818e-03
## SPAC1142.04	3.597228e-03	2.031852e-02	-4.049400e-03	4.474827e-03
## SPNCRNA.923	2.176375e-04	-2.220171e-04	-2.256041e-04	-1.934315e-04
## SPAC1142.05	-1.648799e-02	-2.717519e-03	3.425583e-03	-8.390117e-04
## SPAC1142.06	2.464024e-03	7.535042e-03	-4.861482e-03	8.117553e-04
## SPAC1142.07c	-3.495628e-03	9.229261e-04	-1.248245e-03	3.104594e-03
## SPAC1142.08	-3.298423e-03	1.663513e-03	-4.206938e-04	-9.409452e-05
## SPAC1142.09	-1.713350e-04	1.229203e-04	-2.289722e-05	3.543155e-05
## SPNCRNA.925	2.588414e-04	-5.759767e-04	2.155019e-03	-2.589714e-04
## SPAC8C9.04	-5.444129e-03	-1.340393e-02	-8.571326e-03	5.772458e-03
## SPAC8C9.07	2.749326e-03	1.951084e-03	1.353492e-03	7.652413e-04
## SPAC8C9.08	4.655719e-02	-3.396756e-02	5.253387e-02	4.909425e-02
## SPAC8C9.09c	-1.434226e-03	8.420341e-04	-1.606528e-03	1.776818e-03
## SPAC8C9.11	-7.139161e-04	-1.709152e-03	4.002605e-03	-1.924868e-03

## SPNCRNA.228	-5.344586e-04	-1.082884e-03	8.729635e-04	1.496492e-03
## SPAC8C9.19	-6.387252e-04	9.890119e-04	-5.321402e-06	4.753435e-04
## SPAC8C9.12c	-3.052589e-03	-3.025459e-03	4.676882e-03	-1.972999e-03
## SPAC8C9.14	-1.184193e-02	-2.365523e-03	-9.760135e-03	3.961640e-04
## SPAC8C9.15c	1.358418e-02	-9.566261e-03	8.323955e-03	2.337141e-03
## SPNCRNA.926	1.078281e-03	6.010632e-04	3.353560e-05	-1.107815e-03
## SPAC15A10.17	1.082508e-03	9.932249e-04	1.475396e-03	1.322670e-04
## SPAC15A10.06	-1.637378e-03	5.677033e-03	4.563172e-04	-4.363098e-04
## SPNCRNA.927	-9.234283e-05	5.237674e-05	3.514263e-05	9.758399e-05
## SPAC15A10.08	-8.670689e-03	8.184355e-04	-7.926140e-04	-1.103465e-03
## SPAC15A10.09c	1.360893e-03	-4.286994e-03	3.884803e-03	1.958267e-03
## SPNCRNA.928	-2.155436e-04	-1.063334e-03	4.447011e-05	3.610359e-04
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	-7.051205e-03	-6.661923e-03	9.260775e-03	9.162778e-03
## SPAC15A10.11	-4.116083e-03	1.193943e-02	-1.628555e-02	-4.162753e-03
## SPAC15A10.12c	-3.436372e-03	-6.137064e-04	-1.662177e-03	2.682421e-03
## SPAC15A10.13	-2.530426e-03	1.050200e-03	-1.477712e-03	4.286685e-04
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-5.666661e-04	-4.962152e-04	-1.074259e-03	5.607053e-04
## SPAC15E1.03	2.498234e-02	-4.738390e-02	-1.919856e-02	-1.652430e-02
## SPAC15E1.05c	-2.263260e-04	1.427861e-03	2.665328e-03	-7.827251e-04
## SPAC15E1.09	9.697457e-06	-3.581773e-03	-3.217955e-04	-2.435287e-04
## SPAC15E1.10	-2.702507e-04	4.073435e-03	6.049363e-04	-9.092584e-04
## SPNCRNA.932	-2.181430e-04	2.655241e-04	-3.321029e-05	2.980487e-04
## SPAP7G5.02c	-3.448802e-03	1.183993e-02	1.649031e-02	8.006897e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	-2.469624e-03	-3.524191e-03	1.145022e-02	5.839243e-03
## SPNCRNA.934	2.677168e-03	-1.239989e-03	-2.716315e-03	-2.299884e-03
## SPNCRNA.935	2.680540e-03	1.864164e-03	-3.076513e-04	1.208421e-03
## SPNCRNA.84	-5.928742e-05	-1.144788e-05	2.901344e-05	3.160911e-05
## SPNCRNA.230	5.728384e-05	3.496790e-05	-2.614510e-05	-1.139782e-04
## SPNCRNA.231	2.160262e-05	2.149021e-05	-1.264936e-04	1.696597e-05
## SPNCRNA.232	-6.241400e-05	-5.771095e-06	1.367082e-04	-7.585734e-05
## SPATRNAILE.03	2.601310e-05	1.564341e-04	8.593118e-04	-1.441565e-03
## SPNCRNA.233	2.831071e-06	-2.012728e-05	-1.013443e-05	-3.779427e-05
## SPATRNAGLU.04	-1.185627e-02	7.791081e-03	-7.255014e-03	5.112135e-03
## SPATRNAALA.05	1.044689e-03	-1.965242e-03	1.585952e-04	-3.930904e-04
## SPNCRNA.234	-8.185534e-05	7.342234e-05	2.024633e-04	-5.721466e-05
## SPAC1556.01c	-1.373617e-03	-1.429096e-03	-3.914993e-03	-7.230545e-04
## SPAC1556.03	-4.647879e-03	-2.082925e-03	-4.038157e-03	-3.571565e-03
## SPAC1556.04c	1.432896e-03	-1.041725e-03	-3.097253e-03	1.018034e-03
## SPAC1556.05c	-1.745571e-04	1.199356e-03	1.857781e-04	6.586006e-04
## SPAC1F12.02c	-5.642303e-02	5.172792e-02	7.349352e-02	2.483206e-02
## SPAC1F12.03c	5.645584e-05	-2.273992e-04	-1.581611e-03	2.802824e-04
## SPAC1F12.04c	4.756070e-04	8.727322e-04	-3.948717e-03	4.489766e-03
## SPAC1F12.05	1.100168e-03	2.169985e-03	3.710181e-04	-3.649234e-03
## SPAC1F12.07	3.765051e-03	-9.400517e-03	8.286377e-03	9.837951e-03
## SPNCRNA.937	6.473988e-04	4.190008e-04	-5.975158e-04	-1.014785e-03
## SPAC4H3.01	-4.370208e-03	2.732928e-03	6.808983e-03	-2.524916e-03
## SPAC4H3.03c	1.033652e-03	-1.089942e-04	3.389213e-03	5.535457e-03
## SPAC4H3.06	-1.500301e-03	-4.534930e-03	-3.823228e-03	5.161099e-03
## SPAC4H3.09	-8.636844e-04	1.078678e-03	-3.796131e-03	4.483348e-03
## SPNCRNA.941	-3.000350e-04	2.625134e-04	9.964060e-05	1.093998e-04
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPNCRNA.510	-1.986441e-04	7.702144e-05	3.072028e-04	1.611102e-04
## SPNCRNA.942	4.912631e-03	2.387024e-03	3.233514e-03	-4.770229e-05
## SPAC4H3.12c	-3.638738e-05	-7.312967e-04	-5.339357e-04	1.481677e-04
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.01c	-1.495183e-03	-2.441418e-03	-6.969696e-03	1.524916e-03
## SPAC1071.02	-1.098555e-03	-8.669063e-03	-8.389898e-04	1.449196e-03
## SPAC1071.03c	-2.316225e-03	1.776917e-03	1.137491e-03	1.189200e-03
## SPNCRNA.237	-9.622255e-05	-2.548431e-04	7.127264e-05	-1.806287e-04
## SPNCRNA.943	-5.465220e-04	-3.955507e-04	-5.565425e-04	1.492651e-04
## SPAC1071.05	-4.586549e-03	2.187398e-03	-2.339629e-03	-6.210685e-03
## SPAC1071.06	-1.744843e-03	2.560799e-03	4.229796e-03	-4.256976e-03
## SPAC1071.08	1.406109e-02	-2.347385e-02	-1.354326e-02	1.905742e-02
## SPAC1071.10c	4.447525e-02	5.038386e-03	-7.275471e-02	-1.309112e-02
## SPNCRNA.93	-1.514267e-04	-1.989509e-05	-5.817676e-05	-1.478176e-04
## SPAC1071.13	-1.433951e-03	1.862486e-03	2.580105e-03	-1.462349e-03
## SPNCRNA.945	-1.063913e-03	4.712381e-04	7.700297e-04	5.552451e-04
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	-1.129990e-05	-4.997497e-03	-1.355960e-03	1.328497e-03
## SPAC926.02	2.132380e-03	-1.997659e-03	-1.417670e-03	-5.156807e-04
## SPNCRNA.946	2.392013e-05	-1.814923e-03	6.502366e-04	-1.390303e-03
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	-2.878030e-03	2.214778e-03	-2.620374e-03	-1.798069e-03
## SPAC926.04c	-9.224217e-02	-1.549741e-02	1.690535e-01	5.856097e-02
## SPRRNA.18	-4.350633e-02	3.674961e-02	-1.373293e-02	1.192790e-02
## SPAC926.05c	-4.619921e-04	4.050579e-03	-1.324938e-05	-1.900571e-03
## SPAC926.09c	8.296253e-02	8.319949e-02	-7.599207e-02	-9.336695e-02
## SPAC323.01c	-1.833453e-03	2.029658e-03	-2.336213e-03	-1.858255e-03
## SPNCRNA.948	2.165738e-05	-7.502603e-04	-3.682527e-04	7.075741e-04
## SPAC323.06c	1.291561e-03	-1.509657e-03	-2.888825e-03	2.394514e-03
## SPAC323.07c	-6.231773e-04	3.893110e-03	-3.936467e-03	-6.377426e-03
## SPAC2F3.02	1.654305e-03	-3.674617e-03	-3.507371e-03	-2.219904e-04
## SPAC2F3.03c	-7.992399e-03	1.828776e-03	1.927385e-04	9.253698e-04
## SPAC2F3.04c	-5.927075e-04	1.692484e-03	1.519934e-03	8.165846e-04
## SPAC2F3.05c	-2.750813e-03	-2.778694e-03	-4.889683e-03	1.900686e-03
## SPAC2F3.06c	1.132402e-02	2.683455e-02	1.441493e-02	-4.834572e-03
## SPAC2F3.08	1.065872e-03	3.853871e-04	1.010552e-03	4.364791e-04
## SPNCRNA.949	3.431880e-04	2.055662e-03	-1.769283e-03	-9.586862e-04
## SPNCRNA.950	-5.510302e-05	-9.684535e-05	1.351752e-05	-1.697281e-04
## SPAC2F3.18c	1.754242e-03	-8.813191e-03	-3.373969e-03	1.257721e-03
## SPAC2F3.11	-3.233053e-03	-5.238616e-03	1.998566e-03	8.489496e-04
## SPNCRNA.240	-3.461529e-04	6.832912e-05	6.881475e-05	1.821898e-04
## SPAC11G7.01	1.152277e-02	6.288523e-03	-8.678508e-03	-1.186642e-02
## SPAC11G7.02	8.536973e-03	1.512079e-02	-1.103514e-04	-2.463078e-03
## SPAC11G7.03	3.203852e-03	1.718373e-02	-6.018148e-03	-1.115120e-03
## SPAC11G7.04	1.023987e-02	-1.456595e-02	6.543333e-03	6.122156e-03
## SPAPB18E9.01	-1.199367e-03	1.628280e-03	3.521853e-04	-4.105277e-03
## SPAPB18E9.05c	-4.959648e-03	-6.931506e-03	5.866851e-04	-6.003553e-03
## SPAPB15E9.01c	-1.161987e-02	-2.056915e-02	-5.932166e-02	1.384945e-02
## SPAPB15E9.02c	-2.611342e-03	-5.295086e-04	8.455231e-04	1.097938e-03
## SPAC27E2.02	-2.626405e-04	-1.455947e-03	-4.011356e-03	-1.359779e-03
## SPNCRNA.53	-2.070287e-05	-1.066442e-09	9.366622e-06	4.147510e-05
## SPAC27E2.14	-6.030305e-04	-1.408587e-03	-5.323254e-04	-5.064261e-04
## SPAC27E2.05	-4.871009e-03	4.660488e-03	-1.063624e-03	-5.705566e-03
## SPAC27E2.09	-5.016160e-04	1.497449e-04	-8.356214e-03	-9.585901e-04

## SPAC27E2.10c	2.085446e-03	-1.387853e-03	-7.855817e-03	2.179421e-03
## SPAPJ698.03c	-1.960870e-03	1.425621e-03	-4.205844e-03	-1.425224e-04
## SPAC19G12.02c	-1.682111e-03	5.710564e-04	3.260901e-03	1.997437e-03
## SPAC19G12.04	-6.651555e-04	2.340780e-03	1.126308e-03	4.841132e-04
## SPAC19G12.06c	1.463603e-02	2.092342e-03	-1.192173e-02	-3.904841e-03
## SPAC19G12.07c	-7.880236e-04	-5.339850e-03	-7.444445e-04	-3.480587e-03
## SPAC19G12.08	3.053121e-04	-4.828876e-03	-1.390703e-03	4.487507e-04
## SPATRNALEU.04	-1.014088e-02	-3.652238e-02	4.519655e-02	4.644530e-02
## SPAC19G12.09	3.821841e-03	7.875804e-03	6.747072e-03	6.888987e-03
## SPAC19G12.13c	1.132316e-04	2.088215e-03	-1.157801e-04	-1.515775e-03
## SPAC19G12.14	1.478981e-03	2.182586e-03	-3.939639e-03	3.350442e-03
## SPAC23A1.07	-3.741847e-03	-1.413264e-03	-3.140658e-04	4.872823e-04
## SPAC23A1.08c	-2.024547e-02	4.111111e-03	-2.157606e-02	5.232298e-03
## SPAC23A1.10	2.466928e-02	4.369764e-02	4.469956e-02	3.410092e-02
## SPAC23A1.15c	-4.540408e-03	2.422997e-03	3.143205e-03	3.019998e-03
## SPAC23A1.16c	-5.957870e-04	5.651610e-04	1.594618e-03	-4.891009e-04
## SPNCRNA.341	-1.224397e-04	-1.845786e-04	5.991666e-06	1.201321e-04
## SPAC26H5.04	2.120781e-03	-2.197817e-03	-3.113500e-03	-3.471227e-03
## SPNCRNA.961	-1.907674e-06	-9.032374e-04	-1.132671e-03	-1.055444e-03
## SPAC26H5.07c	4.465671e-03	7.893556e-03	-5.166961e-03	-1.363169e-03
## SPAC26H5.08c	-2.581662e-03	4.914952e-03	-2.758955e-03	1.736702e-03
## SPNCRNA.962	4.836718e-06	4.283929e-06	8.870056e-06	-1.619654e-05
## SPNCRNA.306	1.105403e-05	3.345081e-05	5.581591e-05	-1.321704e-04
## SPAC26H5.09c	1.437829e-03	6.593619e-03	3.756505e-03	5.115260e-03
## SPAC26H5.10c	2.978114e-02	-5.443093e-02	-1.448310e-02	2.033967e-02
## SPNCRNA.964	-6.147781e-04	1.114426e-03	-4.356580e-05	-1.070796e-03
## SPNCRNA.965	2.719627e-04	2.604367e-04	-6.259558e-04	-1.162014e-03
## SPNCRNA.242	-7.539832e-02	-1.626836e-01	-5.600267e-02	-3.562237e-02
## SPSNORNA.13	1.228609e-02	1.163280e-01	9.559458e-03	1.468617e-01
## SPAC25B8.02	3.647434e-04	1.277202e-03	-1.572361e-03	-1.410524e-03
## SPAC25B8.03	1.020614e-03	3.943237e-03	-1.434465e-02	-1.269694e-03
## SPAC25B8.04c	6.031757e-05	1.969428e-03	-1.024525e-03	2.438991e-03
## SPAC25B8.05	-9.720131e-04	1.150616e-03	-9.715869e-04	-3.816985e-03
## SPAC25B8.07c	2.916078e-03	4.416288e-03	2.208979e-03	4.872450e-04
## SPAC25B8.20	4.687592e-04	1.942253e-03	1.171871e-03	4.855720e-05
## SPNCRNA.967	-1.199598e-04	-2.313077e-04	-8.282488e-04	2.007896e-04
## SPAC25B8.10	2.702624e-03	1.110704e-05	1.148866e-03	-3.655945e-03
## SPAC25B8.11	5.926369e-03	-6.866257e-03	-9.355158e-03	-3.306499e-03
## SPNCRNA.968	-1.768429e-03	-3.520115e-04	-1.583618e-03	-3.989932e-04
## SPAC25B8.13c	2.306410e-03	-3.325807e-03	-7.662972e-03	-5.307703e-03
## SPRRNA.19	-4.721395e-03	2.207500e-03	8.622010e-04	-6.634582e-04
## SPAC25B8.14	9.439059e-04	3.760662e-03	5.888066e-04	2.391153e-04
## SPAC25B8.15c	-1.448793e-03	1.412380e-03	1.648094e-03	1.882850e-03
## SPAC25B8.16	-3.209580e-04	-3.563550e-03	-4.628705e-03	-3.675056e-03
## SPNCRNA.970	-6.588187e-04	-1.107855e-03	1.316425e-04	5.748039e-04
## SPNCRNA.971	4.047504e-04	-5.311123e-04	-6.452056e-05	-2.330614e-04
## SPAC694.03	8.562896e-04	1.013857e-03	-6.410291e-04	-2.113135e-03
## SPAC694.04c	5.843177e-03	6.181513e-03	-2.470387e-03	-1.819653e-03
## SPNCRNA.972	-5.248781e-04	5.720449e-04	-1.540144e-04	7.402449e-04
## SPAC1F7.02c	-3.385149e-03	6.755283e-03	-1.126487e-02	1.747639e-02
## SPAC1F7.03	7.165612e-03	2.155535e-03	-1.191770e-02	1.095670e-02
## SPAC1F7.06	-2.767242e-04	5.224585e-07	1.017853e-04	2.148092e-04
## SPAC1F7.07c	1.259803e-02	7.645047e-04	-6.255338e-03	1.352458e-02
## SPSNORNA.14	-6.833952e-05	5.851596e-06	-1.615331e-05	1.515056e-05

## SPRRNA.20	-7.499267e-02	5.207867e-02	-5.365779e-02	-1.477337e-02
## SPAC1F7.10	-2.411647e-04	-1.958439e-03	-2.072320e-03	-7.004536e-04
## SPAC1F7.11c	2.989137e-03	-2.070240e-04	-4.126365e-03	1.725857e-03
## SPAC1F7.12	3.480498e-03	-6.832164e-03	-5.343641e-03	8.679976e-03
## SPAC21E11.03c	5.730910e-04	-4.742648e-04	4.564952e-03	3.462770e-03
## SPAC21E11.05c	-2.178149e-04	-2.931308e-03	3.629802e-05	6.042210e-04
## SPAC21E11.08	3.205602e-03	2.353025e-03	-2.327708e-03	-2.100019e-04
## SPATRNASER.03	2.484242e-03	6.675196e-04	5.874058e-04	2.300289e-03
## SPATRNAMET.03	7.879712e-04	-9.137103e-04	2.860685e-03	6.677526e-04
## SPAC2C4.05	2.487991e-03	1.655946e-04	9.581745e-03	1.997949e-03
## SPAC2C4.06c	-3.344835e-03	3.250663e-04	-2.705611e-03	3.974746e-03
## SPAC2C4.08	-9.550163e-05	-1.190069e-03	-5.545759e-04	-1.985168e-03
## SPAC2C4.11c	5.901193e-04	2.475985e-03	-1.597958e-03	5.611101e-03
## SPAC2C4.12c	-2.005220e-03	4.182339e-03	-4.358493e-03	-3.054693e-03
## SPAC2C4.14c	-1.773192e-03	-6.754334e-05	5.171594e-03	4.155018e-03
## SPAC2C4.15c	3.090814e-03	6.616965e-04	-9.797177e-03	-6.931588e-03
## SPAC2C4.16c	6.473630e-02	2.537624e-02	5.886472e-02	2.305189e-02
## SPNCRNA.974	1.733648e-04	2.845919e-04	7.001256e-05	-1.076160e-04
## SPNCRNA.975	1.435469e-03	-8.059918e-05	1.612281e-04	9.217566e-04
## SPNCRNA.976	-2.828795e-04	-1.551063e-03	-5.265581e-04	6.906338e-04
## SPAC25G10.01	9.232703e-05	2.292973e-03	1.661707e-03	3.482260e-03
## SPAC25G10.05c	-9.792059e-03	8.962200e-03	1.521657e-02	2.088329e-02
## SPAC25G10.06	8.262466e-03	2.819087e-02	2.351718e-03	2.279397e-02
## SPAC25G10.07c	1.377638e-03	4.681592e-03	1.939428e-03	9.337527e-04
## SPAC25G10.09c	-9.963819e-03	-1.195469e-03	-1.706167e-02	-1.652001e-03
## SPAC27F1.02c	-1.153121e-02	-1.138070e-02	5.941406e-04	-1.265747e-03
## SPAC27F1.03c	-2.394431e-03	-1.334674e-04	-1.841073e-03	-1.745945e-03
## SPAC27F1.04c	-8.817391e-04	1.302849e-04	-1.202878e-03	2.516657e-03
## SPAC27F1.07	-3.033132e-03	-2.541440e-03	-4.387734e-03	8.896807e-03
## SPAC27F1.08	1.499023e-03	5.263194e-03	-5.400993e-03	3.197417e-04
## SPAC27F1.09c	1.115871e-02	3.263352e-03	-9.243599e-04	-2.738116e-03
## SPAC23D3.01	-2.134072e-03	-9.645279e-04	-7.621575e-04	2.285232e-04
## SPAC23D3.02	-1.521592e-03	2.716201e-03	1.719836e-03	-4.912935e-03
## SPAC23D3.03c	3.575289e-03	-2.537297e-03	-5.112972e-05	5.566519e-03
## SPNCRNA.979	-1.527544e-03	5.922776e-03	1.053221e-03	4.444238e-04
## SPAC23D3.08	-1.274962e-03	4.405030e-03	-5.163169e-03	-3.591016e-03
## SPAC23D3.11	-7.586469e-03	3.208375e-03	-1.042084e-03	1.732114e-03
## SPNCRNA.980	-2.414872e-04	2.319551e-04	4.662640e-04	-4.731497e-04
## SPAC23D3.17	-1.055881e-03	-7.251549e-04	-5.977473e-04	-3.566984e-03
## SPNCRNA.981	1.431764e-04	-4.819303e-04	5.430582e-05	-4.127977e-04
## SPAC30.01c	1.254647e-02	-8.970190e-04	-3.592229e-03	1.285898e-03
## SPAC30.02c	2.071867e-03	9.262165e-04	2.532756e-03	-6.901417e-04
## SPAC30.04c	-8.162311e-04	1.695563e-02	-4.768974e-03	-1.563599e-03
## SPAC29E6.01	-1.367931e-03	-2.716361e-03	-6.027688e-04	-1.520642e-03
## SPAC29E6.03c	1.250712e-03	1.732054e-05	2.809610e-03	-5.796442e-03
## SPAC29E6.05c	-6.315515e-04	-2.404198e-03	-4.354556e-03	1.055981e-03
## SPAC29E6.04	7.335347e-04	-7.835519e-04	-7.697919e-04	2.396320e-04
## SPAC29E6.07	-3.279653e-04	-1.427382e-04	-3.554749e-04	8.310791e-04
## SPAC29E6.08	1.372645e-03	-2.408530e-02	2.834145e-03	5.405538e-03
## SPAC16.01	2.272213e-03	1.594475e-03	-1.687523e-03	-2.301165e-03
## SPNCRNA.986	-5.419411e-04	-1.245080e-03	7.411230e-05	3.604283e-04
## SPAC16.03c	1.156052e-03	-1.234422e-03	-8.848402e-03	-9.474343e-04
## SPAC16.05c	5.459431e-03	-2.064085e-02	2.154384e-02	5.594270e-03
## SPAC9E9.01	-1.079803e-04	2.928090e-04	-2.166973e-05	3.183544e-04

## SPAC9E9.17c	6.033422e-05	1.197732e-04	-6.469831e-05	7.464505e-05
## SPNCRNA.987	-4.122677e-05	5.815656e-05	-3.387784e-04	-1.505114e-04
## SPNCRNA.12	4.696754e-05	2.888816e-05	-1.935210e-06	-7.814791e-05
## SPAC9E9.03	-1.539235e-02	7.084081e-03	-2.319810e-02	-4.495777e-02
## SPAC9E9.04	-5.855890e-04	2.965736e-03	-2.577873e-03	-8.171749e-04
## SPAC9E9.09c	7.033833e-02	3.911053e-02	-1.199731e-01	4.393773e-02
## SPNCRNA.989	-2.517637e-04	-9.670296e-04	-1.944494e-03	1.159535e-03
## SPAC9E9.15	1.553094e-03	9.552621e-04	-6.826247e-04	-4.728006e-03
## SPNCRNA.311	9.068638e-05	7.953267e-05	-4.881836e-05	-2.253029e-04
## SPNCRNA.991	-5.739521e-04	-2.592620e-04	-5.676845e-04	-4.432038e-04
## SPAC17C9.14	1.471179e-03	3.752744e-03	2.192175e-03	-1.436085e-03
## SPAC17C9.10	5.497713e-03	1.404444e-04	1.195883e-03	-5.380608e-04
## SPAC17C9.07	-2.957310e-03	-3.146015e-03	2.610911e-03	1.580518e-03
## SPAC17C9.05c	-1.471317e-03	7.022485e-05	3.450250e-04	9.731590e-04
## SPAC17C9.01c	9.246405e-04	-2.494486e-03	-2.175253e-03	-4.842426e-04
## SPAC1851.04c	-1.661364e-04	6.572267e-03	6.148223e-04	-7.817935e-04
## SPAC27D7.02c	1.782301e-03	2.033650e-03	-2.825282e-03	5.655092e-04
## SPNCRNA.993	-2.674390e-05	-8.437223e-05	-6.792434e-06	1.575372e-04
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	3.751364e-03	-1.007165e-02	-6.097741e-03	-1.031801e-02
## SPNCRNA.995	-1.952339e-04	-1.189172e-03	5.118572e-04	-2.507623e-04
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	-4.222163e-04	1.121399e-03	6.764411e-05	1.307301e-03
## SPAC637.03	1.755488e-03	5.825774e-03	-3.018011e-03	1.220847e-03
## SPAC637.04	2.156775e-03	4.086405e-03	-6.640372e-03	-3.213833e-03
## SPAC637.05c	4.073021e-03	-5.342645e-03	-1.583052e-02	-2.640064e-04
## SPAC637.06	5.287603e-03	3.444761e-03	-9.662371e-03	-8.467371e-03
## SPAC637.09	-2.052894e-03	-1.195086e-02	1.222962e-03	4.133174e-03
## SPNCRNA.999	1.166589e-04	5.593227e-04	-2.096664e-04	-1.575920e-04
## SPAC637.11	1.024570e-03	5.018229e-03	-1.469020e-03	4.710839e-04
## SPAC637.12c	-4.032682e-04	-1.897557e-03	-3.655254e-03	3.268183e-03
## SPNCRNA.1000	-2.694998e-04	6.745303e-04	4.687625e-04	-7.506932e-04
## SPAC637.13c	-2.105977e-03	-4.796477e-03	-2.573755e-03	4.555019e-03
## SPNCRNA.249	2.439012e-04	6.669128e-04	3.834029e-04	-2.252948e-04
## SPAC31F12.01	-9.834908e-04	6.670088e-03	-3.971514e-03	-8.272926e-03
## SPAC12B10.02c	3.779258e-03	-5.163580e-03	-3.221302e-03	-2.823244e-04
## SPAC12B10.03	1.862673e-03	1.882064e-03	-3.744331e-03	-3.037271e-03
## SPNCRNA.1001	3.463335e-04	6.687825e-05	-1.890147e-04	3.270267e-04
## SPAC12B10.04	-8.584978e-04	-7.928631e-03	-8.861667e-03	3.273232e-03
## SPAC12B10.07	2.026221e-03	1.741154e-03	7.811076e-03	7.529976e-03
## SPAC12B10.08c	-3.644958e-03	-6.226176e-04	-9.804729e-04	-1.050258e-04
## SPAC12B10.09	-1.385658e-03	-2.997671e-03	-6.572588e-03	-4.874217e-04
## SPAC12B10.10	-2.517402e-03	-3.041989e-04	-2.656656e-03	1.230201e-03
## SPNCRNA.1003	-4.191867e-04	4.219451e-04	4.175922e-05	7.148725e-05
## SPAC12B10.15c	-4.148275e-04	8.643235e-04	1.502829e-03	3.098916e-04
## SPNCRNA.1004	2.151824e-03	6.361212e-04	-2.935823e-04	4.456434e-04
## SPAC1093.07	4.298857e-04	-2.291394e-05	-1.849826e-04	5.838130e-04
## SPAC1093.01	-4.697260e-03	-8.125895e-04	-1.578387e-02	1.396728e-02
## SPAC1093.02	1.537019e-03	-3.283787e-03	2.457002e-03	-3.044957e-03
## SPAC1093.03	-2.735869e-04	6.925263e-03	-1.539043e-03	-3.999174e-05
## SPAC1093.04c	1.478284e-03	-2.685540e-03	-3.441352e-03	-1.041202e-03
## SPAC1093.06c	-5.280456e-03	9.538519e-04	-5.801052e-03	-6.972159e-03
## SPNCRNA.1006	-3.964867e-04	-6.580020e-05	-1.627720e-05	-5.423304e-04

## SPAC30C2.02	9.867937e-04	-2.711524e-03	-5.648154e-03	-4.563766e-04
## SPAC30C2.04	-7.041810e-03	-1.235900e-02	-8.196628e-03	-2.437341e-02
## SPAC30C2.05	-1.113005e-03	8.326031e-03	7.683005e-04	1.279985e-03
## SPAC30C2.07	-6.266186e-03	7.584129e-03	-4.906413e-03	-1.007523e-03
## SPNCRNA.1008	-2.624700e-04	7.355153e-04	-1.907762e-04	6.795941e-04
## SPAC1635.01	-6.674024e-03	1.648480e-03	7.526171e-03	5.935001e-03
## SPNCRNA.1009	-2.807654e-04	-1.136298e-05	1.278155e-04	3.401673e-04
## SPAC144.02	7.260464e-03	-4.017214e-03	-3.401200e-03	-1.612839e-03
## SPAC144.03	1.030180e-03	-2.701716e-03	9.353391e-03	-1.207772e-02
## SPAC144.04c	-4.641432e-03	-7.939662e-03	-1.266216e-02	2.101060e-03
## SPAC144.05	2.288172e-03	-3.234275e-03	-8.814870e-03	9.886147e-04
## SPAC144.10c	-4.992314e-03	5.925493e-03	6.795843e-03	9.200847e-04
## SPNCRNA.1013	-4.339862e-04	5.652512e-04	6.846859e-04	-2.776919e-04
## SPNCRNA.1014	1.409404e-04	-9.159047e-04	-3.979733e-04	9.421348e-04
## SPAC144.12	-1.163330e-02	-1.287878e-04	-2.525492e-06	-1.187434e-02
## SPAC144.13c	-2.166417e-03	2.180471e-03	-2.017178e-03	4.664760e-03
## SPAC144.16	1.729342e-03	-2.202696e-03	-2.846558e-03	-3.005062e-03
## SPNCRNA.1016	-2.342977e-04	-3.541398e-04	-1.358507e-03	-6.581518e-04
## SPNCRNA.1017	-1.688879e-04	-1.315047e-04	1.898042e-04	3.346813e-05
## SPAC1834.03c	3.988857e-02	-1.575304e-02	1.546936e-02	-2.636025e-02
## SPAC1834.04	2.302858e-02	-5.374614e-03	-2.898933e-02	-2.739862e-02
## SPAC1834.05	-5.310811e-04	2.786946e-03	-9.882842e-04	1.138804e-02
## SPAC1834.08	1.092237e-03	-1.404818e-03	-1.114104e-02	1.565705e-04
## SPATRNATHR.05	4.402572e-04	2.038066e-03	-4.292873e-03	2.007439e-03
## SPAC1834.10c	-1.584348e-03	-1.357648e-03	2.494171e-03	1.122783e-03
## SPAC1834.13	2.656193e-05	1.587747e-04	-1.840994e-04	1.214408e-04
## SPAC17D4.01	-9.909386e-03	-1.000512e-02	-1.395870e-02	-1.392106e-02
## SPAC17D4.02	-6.987886e-04	1.564649e-03	-4.325777e-05	-4.193556e-05
## SPAC17D4.04	-4.700022e-03	1.626047e-03	-5.365476e-03	-2.844480e-03
## SPAC458.02c	3.093191e-03	-2.143492e-03	-2.296159e-03	-6.060205e-03
## SPNCRNA.1019	-1.306121e-03	-1.480739e-03	5.296825e-05	1.453094e-03
## SPAC458.03	-1.362922e-03	1.413891e-03	-1.815826e-03	-2.421192e-03
## SPNCRNA.1020	2.091005e-04	1.742066e-04	-6.802644e-04	2.531865e-04
## SPAC458.07	-1.584151e-03	-1.420560e-04	-1.591076e-03	-2.278761e-03
## SPAPYUG7.02c	2.890779e-04	5.446537e-03	3.323047e-04	-9.868953e-04
## SPNCRNA.1022	-7.339321e-05	7.187154e-04	1.258666e-03	2.687143e-04
## SPAC1782.01	3.037718e-03	-1.674021e-02	-1.344888e-02	1.640049e-02
## SPAC1782.03	-7.889822e-04	4.992822e-04	-1.439611e-03	1.467437e-03
## SPAC1782.06c	-3.939461e-03	5.324456e-03	9.732177e-03	5.618915e-04
## SPNCRNA.1023	-1.246168e-05	-7.057728e-04	1.345965e-05	1.936309e-03
## SPAC1782.09c	9.652374e-06	1.162845e-04	1.211758e-03	4.731138e-03
## SPAC1782.10c	-4.088913e-03	4.940940e-03	-1.852058e-03	1.450870e-02
## SPAC1782.11	-4.768953e-03	1.966846e-02	7.868785e-03	1.095934e-03
## SPAC11H11.02c	-1.379731e-04	-8.034711e-04	9.204989e-04	8.717992e-04
## SPAC11H11.01	-1.661146e-03	-1.501507e-03	-7.420630e-04	1.085346e-03
## SPAC11H11.03c	-2.137632e-03	8.258491e-04	-6.711478e-04	-1.036896e-03
## SPAC11H11.04	-7.342824e-04	-3.104984e-04	-3.573000e-04	6.676972e-04
## SPAC11H11.06	-8.092370e-03	2.923517e-03	-4.297770e-03	1.052637e-02
## SPAC22F8.03c	-2.311439e-04	-3.022102e-05	-1.462197e-04	-1.011834e-05
## SPAC22F8.07c	6.279430e-04	1.289343e-03	-2.489404e-05	5.032143e-04
## SPAC22F8.08	-2.059710e-03	-1.463804e-02	-1.344875e-02	-3.651509e-03
## SPAC22F8.11	-2.818681e-03	-1.542891e-03	-7.780265e-03	1.724730e-03
## SPAC22F8.12c	7.807355e-04	-3.049106e-03	-3.024987e-05	-1.382595e-03
## SPAC20G4.02c	-1.104987e-03	3.196372e-03	-2.053700e-03	6.092882e-04

## SPAC20G4.03c	-9.917190e-04	1.759170e-03	-4.244639e-03	-1.231202e-03
## SPAC20G4.04c	-5.437312e-04	9.753356e-04	-9.232496e-05	-1.008525e-03
## SPNCRNA.1027	-3.611664e-04	-1.438890e-03	5.444773e-04	-3.068333e-04
## SPAC20G4.09	4.239884e-04	-8.169223e-05	8.636610e-05	7.552355e-04
## SPAC20G4.07c	1.216333e-03	-2.193092e-03	-3.418941e-03	-3.348646e-03
## SPAC4F10.03c	-4.855229e-03	-7.737559e-04	-8.204208e-04	9.462495e-04
## SPAC4F10.04	2.420804e-03	7.849669e-04	-4.718912e-04	-2.787248e-03
## SPNCRNA.1028	-8.514476e-04	-1.292689e-03	-3.085089e-05	-1.947015e-04
## SPAC4F10.08	8.808767e-05	-1.036811e-03	-2.102432e-04	-6.037547e-04
## SPAC4F10.12	-3.418153e-03	-2.099379e-03	1.761912e-03	1.478839e-03
## SPAC4F10.13c	-2.611896e-03	2.267257e-03	-5.531058e-03	1.271613e-02
## SPNCRNA.1030	1.005081e-04	-4.506805e-04	-1.481094e-05	4.340736e-04
## SPAC4F10.15c	-1.459649e-03	3.278570e-03	-1.297984e-03	2.347970e-03
## SPAC4F10.16c	-5.430643e-03	6.779985e-03	-4.913034e-03	4.333936e-03
## SPAC4F10.18	-1.985629e-03	2.965212e-04	-1.914586e-03	2.373421e-03
## SPAC4F10.19c	-2.047789e-03	-6.460065e-04	-5.420592e-04	-1.037814e-03
## SPAC19B12.01	-7.292193e-03	4.449023e-03	-4.797608e-03	-4.293057e-03
## SPNCRNA.255	2.019349e-04	-6.852600e-05	-2.112058e-04	8.463646e-05
## SPAC19B12.03	-1.063949e-02	2.047284e-02	-1.907443e-02	-8.815587e-03
## SPNCRNA.1034	-6.128197e-04	-1.001727e-03	-2.540260e-04	-3.629247e-04
## SPAC19B12.04	2.893456e-04	1.320190e-02	-3.525207e-02	4.270575e-03
## SPAC19B12.07c	-2.006403e-04	-1.222615e-06	-8.527586e-04	6.088043e-04
## SPAC19B12.10	-1.635447e-03	6.532841e-04	-5.434281e-04	3.600050e-03
## SPAC19B12.12c	-5.811394e-05	1.793193e-03	-7.993257e-05	-4.918624e-04
## SPAC19B12.13	2.675626e-04	8.433865e-04	-9.500899e-05	-2.109136e-04
## SPNCRNA.1035	4.729442e-04	-3.219842e-04	-2.538253e-04	-2.951658e-04
## SPAPB8E5.04c	1.235321e-03	-7.659846e-04	-6.409234e-03	2.815490e-03
## SPAPB8E5.06c	-5.754109e-03	7.965280e-03	-1.095972e-02	1.419382e-03
## SPAC1B3.01c	1.058207e-02	8.167126e-03	5.124588e-03	5.337043e-03
## SPAC1B3.02c	3.263569e-04	4.594566e-05	-6.742369e-03	1.922820e-03
## SPNCRNA.1036	1.728514e-04	-5.650517e-04	-1.556314e-04	-7.492738e-05
## SPAC1B3.03c	2.423664e-02	-2.084157e-02	9.235217e-03	-1.545657e-03
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	2.853909e-05	2.211704e-04	2.601790e-04	-3.618813e-04
## SPNCRNA.1038	-1.994238e-02	3.574609e-02	1.299706e-02	4.742059e-03
## SPAC1B3.07c	2.933674e-04	4.784393e-03	6.876407e-04	1.112065e-03
## SPAC1B3.08	1.799946e-03	3.701013e-03	-1.269972e-03	-1.799558e-03
## SPAC1B3.10c	-2.043983e-03	9.814837e-04	-4.692150e-03	6.330792e-03
## SPAC1B3.11c	-3.605201e-04	-1.149573e-03	-3.660658e-03	1.150701e-04
## SPAC1B3.20	-3.877615e-05	-1.313026e-04	-4.935452e-04	-1.228415e-03
## SPAC1B3.13	3.709254e-03	4.270900e-03	-1.639017e-02	1.096913e-03
## SPAC1B3.15c	-3.141254e-04	9.303729e-04	1.059237e-04	1.602027e-03
## SPAC1B3.16c	-6.061264e-02	3.927564e-02	1.367014e-02	1.997694e-02
## SPNCRNA.1039	4.459193e-05	5.674218e-04	-3.939843e-05	1.501811e-04
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	-5.947115e-04	1.081270e-03	-6.186536e-03	2.054305e-03
## SPAC1952.05	-1.005741e-03	9.612235e-03	-4.062744e-05	5.563284e-03
## SPAC1952.06c	-5.141745e-03	6.948620e-04	1.461214e-03	-1.541002e-03
## SPAC1952.08c	-1.307895e-04	9.381434e-04	-9.055964e-04	2.145887e-03
## SPAC1952.11c	-1.897938e-03	5.179707e-03	3.836621e-04	-1.146944e-02
## SPAC1952.13	-1.291335e-03	-6.442017e-04	8.814185e-04	2.502285e-03
## SPAC1952.14c	-1.057854e-03	-3.633789e-03	-1.264910e-04	3.819167e-04
## SPAC1952.15c	4.845255e-04	7.265733e-04	4.277134e-04	-9.097134e-04
## SPAC890.02c	7.236738e-04	-1.930597e-03	-2.137092e-03	1.298275e-03

## SPAC890.05	-1.695712e-03	1.904434e-03	-7.958630e-04	9.429775e-04
## SPAC890.07c	-1.125039e-03	-3.336800e-03	4.712190e-03	-7.517789e-03
## SPAC890.08	1.860278e-02	3.371208e-02	5.637286e-02	3.538555e-02
## SPNCRNA.258	2.661710e-04	-8.226892e-05	-1.016863e-04	-2.278427e-04
## SPAC22E12.01	-3.540738e-06	-9.646620e-04	-1.533860e-03	-5.791293e-04
## SPAC22E12.02	3.977174e-04	1.659474e-03	1.438482e-03	-1.530228e-03
## SPAC22E12.03c	-1.290183e-04	2.668187e-03	-4.288284e-04	-4.075567e-03
## SPAC22E12.05c	6.269970e-03	8.013328e-03	-9.431923e-03	-5.600928e-03
## SPAC22E12.06c	-1.911978e-04	-1.003340e-03	-2.059260e-03	-1.815779e-03
## SPAC22E12.07	1.414407e-03	-4.337321e-03	8.640078e-03	2.438122e-04
## SPAC22E12.08	7.563839e-04	1.153838e-03	-1.216163e-03	7.414077e-05
## SPAC22E12.11c	4.531297e-03	-1.106189e-03	-5.878473e-03	-4.004971e-04
## SPAC22E12.14c	-8.294611e-03	8.322426e-03	-1.030539e-02	-8.114344e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	2.325900e-04	-1.426127e-03	-1.537071e-03	5.498636e-04
## SPAC1006.05c	-5.269208e-03	-2.399815e-03	-3.939490e-03	8.923381e-04
## SPAC1006.06	1.272066e-03	-8.993747e-03	-5.201456e-03	-1.787530e-03
## SPAC1006.07	4.902732e-03	6.156851e-02	-1.882587e-02	-6.157261e-02
## SPAC1006.08	-1.556286e-03	1.982957e-03	3.942908e-03	-1.696847e-03
## SPAC1006.09	-1.045752e-03	1.866226e-03	-7.335605e-03	-8.685431e-04
## SPAC1250.05	2.632380e-03	-3.227075e-03	5.635336e-03	2.579430e-03
## SPAC1250.04c	-1.021989e-03	9.091602e-04	-1.660097e-04	8.904243e-04
## SPAC1250.03	1.859113e-04	1.377159e-03	-8.613023e-04	1.306968e-03
## SPAC1250.02	-7.190890e-06	3.173788e-04	-1.985461e-04	2.849449e-04
## SPNCRNA.1046	4.782390e-05	3.705890e-05	2.149106e-04	7.846108e-05
## SPAC29A4.20	-6.310918e-03	-3.962072e-03	1.472018e-03	6.322343e-03
## SPAC29A4.19c	5.352624e-04	5.759762e-03	-1.883757e-03	5.353801e-04
## SPAC29A4.17c	2.285458e-04	3.957691e-04	5.415893e-04	-1.679023e-05
## SPAC29A4.16	-8.969328e-03	-3.326831e-03	-5.445152e-03	9.346520e-03
## SPAC29A4.15	9.903057e-03	-9.785261e-03	1.946817e-03	1.675103e-04
## SPNCRNA.1047	-3.619695e-04	1.348440e-04	-3.413680e-04	-2.047678e-04
## SPAC29A4.12c	1.529626e-04	-3.173965e-05	-1.082538e-04	-7.363237e-04
## SPAC29A4.09	-2.781645e-03	-3.552124e-03	7.010417e-04	4.240171e-03
## SPAC29A4.08c	6.963072e-04	-7.544570e-03	-5.872636e-03	1.037595e-03
## SPAC29A4.07	1.161651e-03	-1.469345e-03	-1.514930e-03	1.335311e-03
## SPAC29A4.06c	-8.526879e-04	2.061482e-04	7.710721e-04	-3.412559e-04
## SPAC29A4.04c	1.956206e-02	4.811196e-03	5.858544e-03	-2.990084e-05
## SPAC29A4.02c	-3.320499e-03	1.320227e-03	-1.419836e-02	-2.542339e-02
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-2.306189e-03	-2.216021e-03	-1.982125e-03	2.283307e-03
## SPSNORNA.16	8.913815e-03	3.159214e-02	-1.034202e-02	-4.712074e-02
## SPAC26F1.13c	1.215965e-03	5.034819e-02	-1.973969e-02	-3.032163e-02
## SPAC26F1.11	-2.100518e-04	-1.717182e-03	8.642140e-05	7.831881e-04
## SPAC26F1.07	-1.874163e-02	-3.894720e-04	6.562226e-02	-9.571564e-03
## SPAC26F1.05	-1.209179e-03	-3.624096e-03	7.910564e-04	6.902771e-04
## SPNCRNA.1056	-1.622223e-04	-9.379646e-04	-4.713493e-04	-5.217448e-04
## SPAC26F1.04c	-4.222262e-03	7.616778e-03	1.087894e-03	5.288517e-04
## SPAC26F1.03	-6.165181e-03	-1.135185e-02	-8.199254e-03	-9.846892e-05
## SPAC26F1.01	4.086442e-04	-1.669326e-04	1.452366e-03	-1.834933e-03
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-2.118692e-04	-5.345042e-04	-9.776526e-04	-3.515163e-05
## SPAC19D5.01	-3.999561e-03	-1.411411e-02	2.574721e-02	2.311431e-02
## SPAC19D5.02c	1.694922e-03	1.683944e-03	-1.037818e-03	-1.022582e-03

## SPAC19D5.04	-5.140255e-03	1.419825e-03	-2.409520e-02	-1.259652e-03
## SPAC19D5.05c	1.159270e-03	1.515127e-03	-5.098025e-04	-6.772027e-04
## SPAC19D5.11c	-3.816737e-04	1.197013e-03	6.070781e-04	1.122429e-04
## SPNCRNA.1060	1.837050e-04	-1.629843e-03	-3.164934e-04	-2.496692e-04
## SPAC14C4.01c	1.692352e-04	4.058911e-04	2.704790e-03	3.739592e-03
## SPAC19D5.07	-2.791453e-04	-2.644145e-04	1.136658e-03	7.856698e-04
## SPNCRNA.1062	-2.022917e-04	-1.437977e-04	-4.122747e-04	9.031820e-05
## SPAC14C4.03	1.061229e-04	8.617728e-04	1.950088e-04	-1.337249e-04
## SPAC14C4.04	1.269131e-03	-7.847268e-03	-6.675251e-04	1.528824e-03
## SPAC14C4.05c	4.173161e-04	1.721560e-03	1.673573e-04	-8.008285e-04
## SPAC14C4.07	9.953998e-04	7.053416e-03	-1.822083e-04	-2.954228e-03
## SPAC14C4.08	8.986837e-04	-2.268859e-04	4.693161e-04	4.657809e-04
## SPAC14C4.09	-2.454852e-03	4.440559e-03	-5.719528e-03	-7.946092e-03
## SPAC14C4.10c	-1.062277e-04	2.061772e-03	3.402657e-03	-3.267217e-04
## SPAC14C4.11	4.773419e-03	3.306001e-04	-7.891042e-03	4.624520e-03
## SPNCRNA.261	4.060986e-05	1.010805e-04	-4.349553e-04	-4.358076e-04
## SPAC14C4.13	5.500421e-04	8.833132e-04	-4.703712e-03	-1.200081e-03
## SPAC14C4.14	1.058360e-02	4.591209e-03	-2.018062e-02	1.629914e-02
## SPAC14C4.15c	4.371925e-04	-5.208999e-04	-1.497621e-03	1.704869e-03
## SPAPJ760.03c	-8.226474e-04	-6.549359e-03	-9.364491e-04	-8.046846e-03
## SPNCRNA.1064	1.026294e-04	-2.068523e-05	6.507398e-05	-7.559294e-04
## SPAC2H10.02c	-2.822472e-04	3.467391e-03	9.403667e-04	-4.085095e-04
## SPAC11E3.03	1.810155e-03	-1.311608e-03	3.505710e-04	-8.141581e-04
## SPAC11E3.04c	-2.730146e-03	-3.112598e-03	-4.295489e-04	3.563948e-04
## SPAC11E3.07	-5.856027e-03	-1.882035e-03	-1.130550e-03	-4.914027e-03
## SPAC11E3.08c	1.541384e-03	5.955001e-04	1.732856e-03	3.719835e-04
## SPAC11E3.12	-1.063145e-03	-1.374866e-03	-1.241856e-03	-1.264241e-03
## SPAC11E3.13c	-4.474963e-03	1.981952e-03	3.416971e-03	-3.043425e-03
## SPNCRNA.1068	7.561712e-05	-5.020888e-04	-5.531257e-04	-5.209289e-06
## SPAC11E3.15	4.153270e-05	-3.114739e-02	2.198675e-02	3.277968e-02
## SPNCRNA.1070	3.434772e-04	8.251234e-04	-5.882010e-04	-2.788138e-04
## SPAP8A3.05	-2.993418e-03	1.430572e-03	2.645822e-03	-4.607351e-04
## SPAP8A3.06	-1.660006e-05	-2.498831e-03	6.552552e-03	5.718289e-04
## SPNCRNA.525	6.747214e-04	5.157264e-04	4.422960e-05	4.172296e-04
## SPNCRNA.1073	1.119921e-04	-4.947087e-04	-7.268811e-04	1.758966e-03
## SPAP8A3.10	5.269785e-06	-3.763870e-03	2.048288e-03	2.408269e-04
## SPAP8A3.12c	-8.049195e-03	-9.582645e-03	-6.107804e-03	4.802611e-03
## SPAP8A3.13c	4.189742e-03	-3.458285e-04	1.262744e-04	-1.597863e-03
## SPAC4D7.01c	-1.020745e-02	3.513737e-03	-5.941597e-03	7.189178e-03
## SPNCRNA.1075	-5.037629e-05	-1.890576e-04	-5.821323e-04	-8.543830e-05
## SPAC4D7.04c	-5.039112e-03	-1.072112e-02	2.004212e-03	9.627894e-04
## SPAC4D7.05	-1.657721e-02	-2.769266e-03	9.935742e-04	-2.820987e-02
## SPAC4D7.06c	2.461565e-03	2.438261e-03	-1.883497e-03	-2.783742e-03
## SPNCRNA.1077	8.308816e-04	-5.039612e-04	-8.525520e-04	1.063681e-05
## SPAC4D7.07c	-1.204352e-03	-1.347479e-03	-5.389585e-04	5.365763e-03
## SPAC4D7.08c	-1.053692e-02	9.857296e-03	-2.496398e-02	1.005450e-03
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	-2.957092e-05	1.314056e-04	-1.136365e-04	-4.285964e-05
## SPAC4D7.09	-4.669394e-03	-1.145489e-02	-9.556088e-03	1.242179e-03
## SPAC4D7.14	2.686428e-04	-6.612673e-05	-6.231447e-04	2.118655e-05
## SPAC3G6.04	3.064358e-04	3.415888e-03	-4.541322e-04	1.483960e-03
## SPAC3G6.06c	5.007868e-05	-1.703071e-03	-1.193871e-03	-9.702424e-04
## SPAC3G6.07	-6.865245e-05	-8.260184e-04	-1.489777e-04	1.220427e-03
## SPAC3G6.11	-7.143705e-04	2.364710e-03	-5.042289e-03	5.044497e-04

## SPAC3G6.13c	-6.149662e-02	-3.514034e-02	8.586942e-02	1.628695e-02
## SPNCRNA.267	1.950118e-04	-3.684722e-05	-1.296220e-04	-1.618982e-04
## SPAC29B12.02c	-5.811108e-03	3.729044e-03	-1.422230e-02	5.068227e-03
## SPAC29B12.04	1.338699e-02	1.491611e-02	9.373432e-03	-4.074858e-02
## SPAC29B12.05c	-1.628388e-03	4.566353e-04	-1.116926e-03	-6.413847e-04
## SPNCRNA.1081	2.032001e-03	2.576674e-03	-3.911891e-04	-1.511795e-03
## SPAC29B12.06c	-9.928457e-04	7.269162e-04	-1.555152e-03	-9.586121e-04
## SPAC29B12.07	-2.188104e-03	5.073239e-03	-6.232565e-03	-7.357170e-03
## SPNCRNA.1082	3.628170e-04	9.937021e-04	-8.659315e-04	-1.553450e-04
## SPNCRNA.270	-5.347494e-05	1.295246e-04	1.150588e-05	4.003919e-05
## SPAC29B12.08	1.354280e-03	2.438953e-03	-2.660397e-03	-1.956352e-03
## SPAC29B12.10c	-1.006917e-02	5.702815e-03	-1.196559e-03	3.529806e-03
## SPAC29B12.11c	-2.791321e-03	-8.099475e-04	1.317938e-03	-4.916340e-04
## SPATRNASER.04	-2.775341e-03	7.313995e-03	-1.662258e-04	6.076321e-03
## SPAC29B12.13	-3.820274e-05	-3.079756e-03	-1.315921e-03	1.124052e-03
## SPNCRNA.271	4.311141e-05	-1.308590e-04	9.796351e-05	5.647656e-05
## SPNCRNA.272	-1.206684e-04	-1.345261e-04	-7.895812e-05	-9.665068e-05
## SPAC1039.01	1.154812e-03	-2.543442e-05	-7.014895e-03	-1.921939e-03
## SPAC1039.02	3.586885e-02	1.269640e-02	-2.683296e-02	-1.728946e-02
## SPAC1039.03	3.763366e-03	2.211784e-03	1.330370e-03	-9.828045e-04
## SPAC1039.05c	1.717394e-03	2.768041e-03	-2.282690e-03	-1.959741e-04
## SPNCRNA.1084	3.116112e-04	-8.814406e-05	2.419343e-05	-8.006342e-05
## SPAC1039.06	2.353914e-03	-1.529647e-05	-2.134437e-03	5.042939e-04
## SPNCRNA.1085	-7.521011e-05	1.603339e-04	2.076979e-05	-1.238714e-05
## SPAC1039.08	-2.617528e-04	-6.099196e-04	1.342966e-03	-1.222681e-03
## SPNCRNA.1086	-3.785788e-04	-2.123982e-04	-6.167670e-04	2.080266e-05
## SPNCRNA.275	1.517382e-05	1.941362e-05	-6.693361e-06	1.162245e-04
## SPAC1039.09	-2.075849e-04	1.174861e-03	-2.206147e-03	-1.817634e-03
## SPAC1039.11c	-9.789737e-04	4.829186e-04	8.282035e-04	1.174984e-04
## SPNCRNA.1087	-1.754814e-03	1.178591e-04	-3.460891e-03	-1.045098e-03
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-6.654854e-04	9.954137e-04	-4.116261e-04	1.493826e-04
## SPNCRNA.1089	1.219393e-04	-1.398118e-04	-1.906325e-04	-4.419215e-04
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-2.558707e-03	2.258872e-03	4.495232e-03	3.165153e-02
## SPNCRNA.278	-4.100881e-04	-2.844312e-04	6.355429e-05	4.204911e-04
## SPAC922.06	-6.156985e-04	7.189708e-04	-3.371882e-03	8.849045e-04
## SPAC922.07c	-6.049710e-04	-2.648711e-03	-8.849847e-04	2.217759e-03
## SPNCRNA.1090	-1.349300e-04	-8.389844e-04	7.045044e-05	4.891651e-04
## SPNCRNA.1091	7.192308e-04	2.757430e-04	-1.133094e-03	-3.453850e-04
## SPNCRNA.1093	-4.136843e-05	2.374538e-05	-1.726559e-04	-1.323753e-04
## SPAC869.06c	3.958357e-04	2.545454e-04	8.189624e-04	3.784284e-04
## SPNCRNA.279	2.447065e-05	-3.609902e-05	7.354873e-05	2.174278e-05
## SPAC869.05c	1.680290e-03	-4.572729e-03	2.665192e-04	4.405584e-04
## SPAC869.04	-1.154056e-04	-7.756920e-05	8.048155e-05	-9.045253e-06
## SPAC869.03c	-9.041683e-05	-8.587446e-05	-1.425683e-04	2.014889e-04
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	-9.213639e-05	1.912143e-06	-1.097011e-04	1.143784e-04
## SPAC869.02c	1.640266e-03	3.583453e-03	1.055817e-03	3.923155e-03
## SPAC869.01	-3.200423e-04	1.459354e-06	-1.146019e-04	5.597908e-04
## SPAC186.01	-2.073674e-04	-1.667624e-03	-5.843312e-04	-1.202141e-04
## SPNCRNA.96	2.404142e-05	3.227485e-06	-2.418145e-05	-1.981536e-06
## SPAC186.03	-4.348912e-05	-8.073063e-06	-2.590664e-04	-7.176116e-05
## SPAC186.04c	6.994647e-05	-5.074731e-05	-2.808231e-04	-9.838779e-05

## SPAC186.06	3.261908e-04	1.317529e-04	-7.371605e-04	2.415500e-04
## SPNCRNA.310	-2.710027e-06	6.131497e-06	8.074117e-06	-8.409410e-06
## SPAC750.01	-4.363321e-04	2.695211e-03	2.067709e-03	-1.117184e-04
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC750.06c	2.290912e-04	1.068106e-05	-3.048900e-05	1.661265e-04
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	-2.488411e-04	1.252789e-05	-1.097914e-04	-1.602507e-04
## SPAC212.08c	-3.567930e-04	4.096840e-04	-1.946531e-04	-5.521564e-04
## SPAC212.07c	-2.975827e-04	7.562520e-04	1.730609e-04	6.111895e-05
## SPAC212.06c	1.749863e-04	1.188323e-04	-2.111522e-04	2.485389e-04
## SPAC212.05c	9.264762e-05	3.872853e-05	-1.465320e-06	5.053226e-05
## SPAC977.01	-1.966319e-04	-1.245589e-04	-8.083286e-05	3.147612e-04
## SPAC977.18	-6.655311e-05	-1.636420e-05	-3.664716e-05	-2.812077e-05
## SPAC977.02	7.011489e-07	-2.172697e-05	-1.598211e-04	-8.658473e-05
## SPAC977.06	6.779550e-05	8.257170e-05	1.687945e-04	1.155105e-04
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	-8.717107e-04	-3.051999e-04	-3.279996e-04	3.304279e-04
## SPAC977.10	-3.337993e-04	-1.401582e-03	-3.492607e-03	6.505033e-03
## SPAC977.12	-4.674833e-03	5.221012e-03	8.506821e-04	4.437335e-03
## SPAC977.14c	3.275700e-03	9.480377e-03	1.563264e-02	1.337925e-02
## SPAC977.17	3.551075e-03	-3.484967e-03	-1.687348e-03	7.321301e-04
## SPNCRNA.137	-1.158596e-04	-2.233781e-04	1.494270e-04	-3.148818e-05
## SPNCRNA.83	-1.310367e-03	1.088091e-04	-2.273438e-04	1.455359e-03
## SPAPJ695.02	5.301456e-04	1.593084e-04	-7.457285e-04	-9.384597e-05
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-3.072922e-05	5.567174e-04	-4.661643e-04	2.000774e-04
## SPAC1F8.02c	-1.084065e-04	5.415289e-05	-1.326383e-04	4.443610e-05
## SPAC1F8.03c	1.081147e-02	1.010636e-02	6.150746e-04	1.400503e-02
## SPNCRNA.604	-6.711135e-04	-1.358461e-03	2.133309e-04	6.593466e-04
## SPNCRNA.139	-9.352974e-06	-1.424978e-06	-1.659003e-05	-9.917989e-07
## SPNCRNA.605	1.513223e-03	-2.949381e-03	-6.753482e-04	1.361373e-03
## SPAC1F8.04c	-6.283520e-05	3.191187e-04	1.920924e-04	1.031547e-03
## SPNCRNA.606	4.232007e-04	1.391815e-03	8.715841e-04	-3.379120e-04
## SPAC1F8.05	3.961337e-04	7.749978e-04	-4.741244e-04	1.536919e-03
## SPAC1F8.07c	7.839470e-04	-6.133362e-02	-1.222947e-01	5.055956e-04
## SPAC11D3.04c	-3.364782e-03	5.632812e-03	2.321158e-03	8.076483e-04
## SPAC11D3.06	-2.375019e-03	4.292746e-03	2.203064e-04	1.449745e-04
## SPAC11D3.09	-2.907981e-04	-1.306005e-04	-4.623764e-04	7.033773e-04
## SPAC11D3.10	-8.136384e-04	5.734652e-04	-1.014225e-03	-1.013500e-03
## SPAC11D3.13	-5.258384e-03	-1.316810e-03	-6.630791e-03	-1.632309e-03
## SPAC11D3.15	-3.415957e-03	-3.662766e-03	-1.130289e-02	-4.307885e-04
## SPAC11D3.17	4.674864e-04	1.453575e-03	-9.116016e-04	-2.436670e-03
## SPNCRNA.611	-1.589810e-04	-4.856976e-04	-1.154965e-03	2.152629e-03
## SPAC5H10.02c	-9.855053e-04	-1.229276e-03	9.610731e-04	4.518227e-04
## SPNCRNA.613	-1.182992e-05	5.960188e-04	5.424719e-04	-4.690778e-04
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	1.110353e-03	1.525711e-03	-1.678333e-03	-1.425127e-03
## SPAC5H10.07	-2.023013e-03	1.447837e-03	1.167285e-04	-8.339949e-04
## SPNCRNA.614	1.222035e-03	-9.847999e-04	4.032905e-04	-8.203252e-04
## SPNCRNA.615	1.585900e-04	6.386300e-05	-4.817955e-04	-2.273371e-04
## SPNCRNA.616	1.567353e-04	-9.221610e-04	-4.417858e-04	5.667314e-05
## SPAC13G6.02c	2.021106e-02	-9.597582e-02	-7.399754e-03	5.465464e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	2.546951e-03	-5.052113e-04	-3.002347e-03	-8.137872e-04

## SPAC13G6.05c	-8.672770e-04	-4.310636e-03	-4.514726e-04	3.627276e-04
## SPAC13G6.06c	-2.376078e-03	-4.828622e-03	-1.638355e-02	-3.400039e-03
## SPAC13G6.07c	6.173036e-02	-6.815840e-02	1.498041e-02	-1.848245e-02
## SPAC13G6.08	-7.540699e-04	3.199783e-04	2.724119e-05	-3.483958e-04
## SPNCRNA.619	2.282939e-03	8.386735e-04	-3.204849e-03	2.341323e-03
## SPAC13G6.09	-1.310027e-03	1.422491e-03	-1.011054e-03	1.826159e-03
## SPAC13G6.10c	-1.048734e-02	-3.682252e-03	-2.150345e-02	1.363826e-02
## SPAC13G6.11c	-5.112179e-03	7.324835e-03	1.067070e-03	-2.221887e-03
## SPAC13G6.12c	-6.737859e-04	4.840178e-03	5.781989e-03	5.017514e-03
## SPAC13G6.13	7.235354e-05	-4.070926e-05	2.563840e-05	1.761781e-05
## SPAC24B11.06c	-6.423716e-04	9.368939e-03	-2.173683e-03	-2.943392e-03
## SPNCRNA.622	-3.452438e-04	-3.541843e-03	-1.846166e-03	2.056109e-04
## SPAC24B11.07c	6.792503e-04	3.061319e-03	6.198788e-04	-2.391617e-03
## SPNCRNA.623	-5.726313e-04	1.711177e-03	-7.347896e-04	-1.450370e-03
## SPAC24B11.10c	-6.574376e-05	-2.246198e-03	-2.720711e-03	9.431593e-04
## SPAC24B11.14	7.541760e-04	-2.031783e-04	9.596034e-04	1.226119e-03
## SPAC24B11.13	-1.229270e-02	-2.261773e-03	2.375213e-03	3.879000e-05
## SPAC806.03c	4.958400e-03	7.830956e-03	-7.997864e-04	4.046871e-04
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	6.842907e-03	-3.560153e-04	-4.198169e-03	2.251152e-03
## SPAC806.05	-1.928332e-03	5.095209e-05	1.476892e-03	9.898282e-04
## SPNCRNA.629	3.286169e-04	1.376023e-03	1.757909e-03	-2.883096e-04
## SPAC806.08c	-2.883084e-03	1.058485e-03	1.505173e-03	2.800708e-03
## SPAC1639.01c	-5.903725e-03	-6.424527e-03	-3.555047e-03	1.303855e-02
## SPAC1639.02c	-3.794242e-03	4.663113e-03	-5.188262e-04	3.995285e-03
## SPNCRNA.631	-7.751437e-05	-2.525553e-05	-1.115205e-05	5.975131e-05
## SPAC1F5.10	3.709257e-03	6.492584e-04	-1.615445e-02	2.874184e-03
## SPNCRNA.634	-1.158669e-03	-1.200756e-03	2.660173e-04	-1.977295e-04
## SPAC1F5.09c	4.137579e-04	-7.532470e-04	2.726776e-04	-1.079395e-03
## SPAC1F5.08c	4.567434e-04	6.241387e-03	2.542564e-03	-6.156259e-04
## SPAC1F5.06	-1.529724e-03	-8.290285e-04	-4.202734e-03	-2.319111e-03
## SPAC1F5.05c	2.581745e-03	-3.107039e-05	-6.831211e-04	-3.385421e-04
## SPAC1F5.03c	-6.458462e-04	2.485431e-03	4.759234e-03	-2.422172e-06
## SPAC18B11.11	-2.662287e-03	3.305222e-03	-6.961548e-03	-5.749163e-03
## SPAC18B11.06	7.495455e-04	6.848397e-05	-4.826558e-03	-1.545153e-03
## SPAC18B11.05	2.455128e-04	-1.412802e-04	-9.971820e-04	2.252887e-04
## SPAC18B11.03c	2.716746e-03	-3.811743e-03	-1.156795e-03	1.817808e-03
## SPAC12G12.16c	1.019397e-03	2.158272e-03	1.314931e-03	-2.855906e-04
## SPAC12G12.13c	4.009057e-03	-4.777429e-04	-4.806064e-03	-2.188022e-04
## SPAC12G12.12	8.088354e-04	-4.559091e-03	3.740737e-03	4.887233e-03
## SPAC12G12.11c	-1.674911e-03	3.797272e-03	9.654954e-04	-3.079109e-04
## SPAC12G12.17	6.591836e-04	2.665920e-03	6.420509e-05	-9.652748e-05
## SPAC12G12.08	8.055193e-04	3.317435e-03	-5.215785e-03	-1.382087e-03
## SPAC12G12.07c	2.933184e-03	5.871066e-03	-3.485052e-03	-8.831546e-03
## SPAC12G12.05c	-1.714728e-03	6.477419e-03	6.173284e-03	7.411881e-04
## SPSNORNA.29	2.851887e-02	-1.206577e-02	1.600893e-03	-1.577525e-02
## SPAC12G12.04	-3.550849e-02	-2.749947e-02	-1.319616e-02	-4.699280e-02
## SPAC12G12.02	-2.542135e-03	-2.411827e-03	-1.789939e-03	5.638926e-03
## SPNCRNA.640	-3.112991e-04	-4.244037e-04	-1.432353e-04	-2.729691e-04
## SPAC12G12.01c	3.896969e-03	5.468795e-04	-1.368219e-02	-1.816684e-03
## SPAC630.04c	-1.466545e-03	1.183325e-03	1.995392e-04	-1.825020e-03
## SPAC630.03	-8.277394e-03	1.807622e-02	3.348750e-03	-1.572259e-03

## SPAC630.06c	4.827929e-04	2.276626e-03	4.174705e-03	4.549725e-03
## SPAC630.07c	-1.012424e-03	2.239139e-04	-2.966208e-03	1.328376e-03
## SPNCRNA.641	-3.150531e-04	2.570478e-05	2.079665e-04	-1.767803e-04
## SPAC630.08c	-1.797735e-03	-2.931428e-03	-8.800550e-03	-7.729920e-03
## SPNCRNA.642	-7.726582e-05	-9.467691e-04	-1.047154e-04	6.659808e-04
## SPAC630.09c	1.651588e-03	9.452423e-04	-8.646990e-04	-1.504010e-03
## SPAC630.10	1.109244e-03	4.617679e-04	2.635042e-03	2.584649e-03
## SPAC1751.03	-1.214798e-02	1.528329e-02	1.273734e-02	1.737996e-03
## SPAC31A2.05c	-2.885393e-03	2.500461e-03	-2.979135e-03	1.170128e-04
## SPAC31A2.08	-2.950878e-03	2.767453e-04	2.312935e-03	4.392292e-03
## SPAC31A2.10	1.044966e-03	1.430573e-03	-5.605159e-04	-2.009938e-03
## SPAC31A2.15c	2.150496e-03	1.814837e-03	-5.957843e-03	2.114522e-03
## SPAC13C5.02	-2.206452e-03	1.830068e-03	-1.709815e-03	-2.910692e-03
## SPAC13C5.03	1.379841e-03	1.808849e-03	1.667164e-04	-1.606001e-03
## SPSNORNA.01	-9.105788e-04	4.075334e-02	-2.680822e-03	-7.102523e-03
## SPNCRNA.646	1.986795e-03	1.024567e-03	2.916110e-03	-1.255773e-03
## SPAC13C5.07	3.020224e-02	-5.819472e-03	-2.159282e-02	-2.432852e-02
## SPNCRNA.647	-7.299143e-04	-3.193940e-04	2.055664e-04	6.877296e-04
## SPNCRNA.648	1.721840e-03	2.379460e-03	-2.372331e-04	1.249562e-03
## SPAC23E2.01	-8.011569e-04	5.082185e-03	-4.171677e-03	-8.798362e-03
## SPNCRNA.649	-5.985796e-04	-6.244212e-04	-7.042380e-05	-1.227494e-04
## SPAC23E2.03c	3.751606e-04	-1.081822e-03	-1.665104e-03	6.551015e-04
## SPNCRNA.650	-1.933837e-04	-5.729087e-05	-3.151506e-04	1.530512e-04
## SPAC24H6.13	-1.011991e-02	-1.543904e-03	-1.084655e-02	1.282151e-02
## SPNCRNA.651	-2.860749e-04	7.638225e-04	1.117588e-03	2.857245e-04
## SPAC24H6.10c	-1.279215e-02	-1.211555e-02	5.438630e-03	2.489652e-02
## SPAC24H6.08	-1.303606e-04	-2.352401e-03	-8.021541e-04	-1.720369e-03
## SPAC24H6.05	5.039620e-05	-3.976840e-03	-1.054813e-03	4.003168e-03
## SPAC24H6.03	-1.680956e-03	-1.274893e-03	-1.173026e-03	-4.108717e-05
## SPNCRNA.47	4.905068e-04	-8.704961e-05	-2.283628e-04	7.603109e-05
## SPAPB21F2.02	1.311534e-04	3.071001e-03	-1.573883e-02	-2.859510e-03
## SPAPB21F2.03	1.502716e-03	1.593461e-03	3.803017e-03	-1.136543e-03
## SPAC227.01c	-6.381907e-04	1.007725e-03	2.919248e-04	1.975827e-03
## SPAC227.02c	-5.987569e-05	4.580269e-03	3.670848e-04	-3.224120e-03
## SPAC227.03c	5.179076e-04	-1.978939e-03	2.355622e-03	-2.266237e-03
## SPNCRNA.656	-4.018056e-04	-7.858783e-06	8.158935e-04	1.099160e-03
## SPAC227.04	-3.782001e-04	2.288202e-03	1.376860e-04	6.366262e-04
## SPNCRNA.658	5.721877e-04	-8.612097e-04	1.045813e-04	1.973424e-04
## SPAC227.14	-2.904164e-04	-1.559964e-03	1.064957e-03	-4.471869e-03
## SPAC227.15	9.660341e-04	5.044075e-03	-7.979763e-03	-1.148743e-03
## SPNCRNA.659	1.215088e-05	-1.059980e-03	-9.926830e-04	5.512108e-05
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	2.610993e-03	-7.987793e-03	-1.296550e-04	5.045483e-03
## SPAC227.18	1.294224e-02	1.317856e-02	-2.783842e-03	-2.089460e-02
## SPAC2F7.02c	-5.049392e-06	1.116662e-03	-3.178434e-03	2.924308e-03
## SPAC2F7.03c	-4.618101e-03	2.071597e-03	-4.394699e-03	1.509977e-03
## SPAC2F7.05c	-3.503536e-03	-3.172156e-02	-1.104474e-02	-8.549296e-03
## SPAC2F7.06c	-2.845472e-04	1.489166e-04	-2.420945e-04	1.540938e-04
## SPAC2F7.07c	-6.767213e-03	1.045285e-03	-2.670995e-03	-1.727671e-03
## SPAC2F7.08c	3.266377e-05	3.333901e-03	-6.063938e-04	7.374407e-04
## SPAC2F7.09c	-3.995578e-03	-6.982613e-05	-2.240219e-04	-1.244774e-03
## SPAC2F7.10	1.590055e-03	1.652501e-03	-2.835892e-03	3.698522e-05
## SPAC2F7.11	-7.450877e-04	4.982169e-04	-6.242868e-03	-3.975177e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC2F7.14c	4.661144e-03	7.956428e-04	-1.045125e-03	4.279752e-04
## SPAC2F7.16c	2.545943e-04	3.885096e-03	-8.881451e-03	7.284675e-03
## SPAC2F7.17	1.359620e-03	3.823524e-03	1.120281e-03	-7.967466e-04
## SPAC13A11.02c	-1.463104e-03	-1.022494e-03	5.690120e-03	-8.665825e-03
## SPNCRNA.155	4.232280e-05	1.341977e-04	8.944241e-05	5.175580e-05
## SPNCRNA.662	-1.720822e-04	1.881959e-04	-3.758539e-04	-6.554966e-05
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	-6.292728e-04	4.338504e-04	-5.348535e-04	9.389055e-04
## SPAC3H8.05c	-2.239501e-03	1.006838e-02	-9.025433e-03	1.265491e-03
## SPNCRNA.664	-1.399169e-04	1.588919e-04	2.031061e-04	-4.297584e-04
## SPNCRNA.665	1.968963e-04	6.013278e-05	2.116778e-04	-2.598538e-04
## SPAC3H8.06	1.234069e-03	4.283132e-03	-1.515308e-03	-5.346299e-04
## SPAC3H8.07c	-7.770910e-04	-8.254862e-04	-3.134528e-03	-4.604156e-03
## SPNCRNA.666	1.457272e-05	2.150338e-03	3.456712e-05	5.426651e-04
## SPAC3H8.09c	-4.605013e-03	2.513571e-03	-5.012689e-03	2.714048e-03
## SPAC1F3.07c	-2.035397e-05	-7.008781e-04	-9.544973e-04	-6.907259e-04
## SPNCRNA.668	5.547547e-05	1.787983e-03	6.177697e-04	6.015513e-04
## SPAC1F3.08c	6.086186e-05	2.194187e-05	4.758988e-05	-4.590785e-05
## SPAC1F3.09	-1.719073e-03	3.048868e-03	1.326724e-02	-4.143738e-03
## SPNCRNA.669	9.376759e-04	-3.375903e-04	3.570323e-04	-5.869911e-04
## SPAC1F3.10c	3.220886e-03	8.503684e-04	1.477657e-03	-3.111345e-03
## SPAC1D4.04	-3.255433e-03	3.960399e-03	-8.799514e-03	-1.547557e-02
## SPAC1D4.06c	-3.181586e-04	3.057338e-03	-1.183415e-03	-6.161797e-04
## SPAC1D4.08	-1.633799e-03	7.401649e-04	5.491211e-04	1.865371e-03
## SPAC1D4.09c	-4.229755e-04	-2.694774e-03	-3.438366e-03	1.629663e-03
## SPAC1D4.11c	-2.104095e-03	-1.892801e-03	-3.318152e-03	4.952021e-03
## SPNCRNA.672	-1.124822e-03	5.352648e-06	-9.227972e-04	1.008143e-03
## SPNCRNA.673	3.183635e-05	2.786327e-04	-3.112421e-04	-3.407113e-04
## SPAC1D4.13	-3.542064e-03	-6.489728e-04	-7.263302e-04	2.582041e-03
## SPNCRNA.674	-4.646116e-04	-2.446696e-04	-3.454904e-04	6.862499e-04
## SPAC22F3.12c	4.296633e-04	-5.660751e-04	-1.603715e-03	-8.526498e-04
## SPAC22F3.09c	-1.307733e-03	2.766824e-03	1.910578e-03	1.420541e-03
## SPAC22F3.15	-1.019140e-03	1.516554e-03	1.854525e-03	1.443144e-03
## SPAC22F3.06c	-4.554465e-03	1.561988e-02	8.672052e-03	-1.493485e-02
## SPAC22F3.04	7.826106e-05	4.623170e-04	2.484151e-04	6.329970e-05
## SPATRNAVAL.02	8.547017e-03	-1.811903e-02	7.147680e-02	-4.618973e-02
## SPAC22F3.02	-6.257945e-04	1.632042e-03	1.281222e-03	-2.051383e-03
## SPAC1296.01c	6.572971e-04	4.622662e-04	4.451386e-03	6.602074e-03
## SPAC1296.02	2.186618e-03	-6.487683e-03	4.570839e-03	4.688963e-03
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	-9.865780e-04	5.068294e-03	-1.160851e-03	-4.459203e-03
## SPAC1296.06	-1.806383e-03	-4.553789e-03	4.252917e-03	9.076947e-04
## SPAC22G7.02	1.602395e-03	1.260710e-04	2.808401e-03	-4.018527e-03
## SPAC22G7.04	5.789658e-03	2.522107e-03	-2.328611e-04	2.852187e-03
## SPAC22G7.06c	-7.810104e-03	-2.893697e-02	6.035153e-03	4.703572e-02
## SPAC22G7.07c	-2.820126e-03	1.591118e-03	6.729965e-04	3.185333e-04
## SPAC22G7.08	7.094104e-04	-1.204574e-03	1.736417e-03	2.403505e-03
## SPAC22G7.11c	-6.845297e-04	-2.258201e-04	-2.515999e-04	-5.645462e-04
## SPNCRNA.679	4.239194e-04	-6.601839e-04	4.184529e-04	-4.158042e-04
## SPNCRNA.680	7.979310e-04	6.524431e-05	-6.442851e-04	2.040390e-04
## SPAC4G8.04	-1.866023e-03	-2.642815e-03	-3.516409e-05	1.901202e-03
## SPAC4G8.05	8.702905e-03	-1.745223e-03	-9.164099e-04	-4.999586e-03
## SPAC4G8.07c	4.567738e-04	7.013393e-04	2.466140e-05	-2.090569e-03
## SPNCRNA.681	8.148914e-05	-5.492887e-05	1.042899e-05	6.065783e-06

## SPNCRNA.682	2.005554e-04	2.341326e-04	-9.042851e-04	-9.485562e-04
## SPAC4G8.09	5.757291e-04	-9.535254e-03	-4.456032e-03	4.824479e-03
## SPNCRNA.683	7.888300e-04	2.273823e-04	-1.141194e-03	-6.243522e-04
## SPAC4G8.10	1.211544e-03	-2.809636e-03	-8.180623e-06	3.652986e-03
## SPNCRNA.684	8.369608e-04	-1.624576e-04	-3.550906e-04	-3.531624e-04
## SPAC16C9.01c	-5.906401e-04	-1.676133e-03	-4.835572e-04	5.578619e-03
## SPNCRNA.685	-2.528864e-04	-2.628102e-04	3.853311e-04	6.647382e-05
## SPNCRNA.686	-2.257498e-04	-1.440418e-03	2.723034e-04	3.330535e-04
## SPAC16C9.02c	-4.226694e-03	8.442031e-03	4.539428e-03	-1.018283e-02
## SPAC16C9.03	3.443618e-03	2.748401e-03	-6.742341e-03	6.944687e-03
## SPAC16C9.04c	-1.509109e-03	-2.962459e-03	-2.171721e-03	-1.993001e-04
## SPNCRNA.687	-8.205800e-05	1.450553e-04	-1.330452e-04	-2.336411e-04
## SPAC16C9.06c	-6.475545e-04	-1.596548e-03	5.630881e-04	1.424348e-03
## SPAC16C9.07	-5.252376e-03	1.517948e-03	-5.244401e-03	3.242282e-03
## SPAC2G11.04	-3.441014e-04	-2.047111e-05	-4.400533e-04	4.536882e-05
## SPAC2G11.05c	-1.331042e-03	-8.158793e-04	2.853660e-03	3.391724e-04
## SPAC2G11.08c	-7.700520e-04	-1.932429e-03	-2.852059e-03	2.993200e-04
## SPAC2G11.10c	2.913808e-04	8.216559e-04	-2.572497e-03	-3.657198e-04
## SPNCRNA.689	-4.379259e-04	-1.415202e-04	4.138245e-04	-7.393047e-04
## SPAC2G11.11c	6.992360e-03	1.374577e-03	-1.848831e-03	2.881165e-03
## SPNCRNA.690	-3.176014e-04	3.563733e-04	-6.268378e-04	-4.771511e-04
## SPAC2G11.13	-1.080764e-03	-1.727039e-03	1.687531e-03	3.239043e-03
## SPAC2G11.14	8.527476e-04	-1.422329e-02	5.107544e-04	-3.829034e-03
## SPAC2G11.15c	-7.410158e-04	2.440283e-03	-8.230355e-04	1.048838e-03
## SPAC521.04c	-3.512331e-03	3.345646e-03	-5.797998e-04	8.201506e-03
## SPNCRNA.693	9.442413e-05	1.546741e-04	-1.554825e-04	-1.250378e-04
## SPAC23G3.02c	3.985067e-03	-7.001195e-03	-1.430679e-02	7.188084e-04
## SPAC23G3.03	-1.337044e-03	-1.605027e-03	-3.457693e-04	9.086008e-04
## SPAC23G3.05c	-1.013581e-03	2.999477e-04	-2.949822e-03	7.905408e-04
## SPAC23G3.09	-5.435783e-04	7.735739e-05	-3.384564e-03	2.944350e-04
## SPAC23G3.11	5.530728e-03	3.621571e-03	-5.468720e-03	-4.286955e-03
## SPAC23G3.12c	1.845184e-03	-2.331673e-03	-3.962079e-03	2.268656e-03
## SPAC22H12.03	1.365374e-03	2.300983e-03	-1.164859e-03	1.018212e-03
## SPAC22H12.04c	6.983454e-02	6.603350e-02	3.306765e-02	-7.097968e-02
## SPAC1687.02	-3.113671e-03	1.382200e-03	2.033135e-03	-6.530827e-05
## SPAC1687.03c	-8.099842e-03	1.335401e-02	6.442921e-03	-4.360467e-03
## SPNCRNA.695	8.844965e-04	-4.504018e-04	-6.886597e-04	6.126195e-04
## SPRRNA.12	-1.021392e-01	-2.340870e-02	-1.267859e-01	-2.335727e-01
## SPAC1687.07	-6.339192e-04	-1.679882e-03	-2.634672e-04	1.724217e-03
## SPAC1687.08	6.596277e-04	-3.989734e-04	1.733600e-03	5.603316e-04
## SPAC1687.09	3.124072e-03	4.663788e-03	-1.212204e-02	2.076996e-03
## SPAC1687.10	2.516561e-03	2.854742e-03	-3.684706e-03	-1.947474e-03
## SPAC1687.13c	5.302708e-04	-1.276574e-03	1.390406e-03	5.711615e-04
## SPAC1687.23c	2.158995e-05	-3.539290e-06	-7.260370e-06	2.193727e-07
## SPAC1687.15	6.242072e-04	2.236654e-03	-9.365216e-04	-1.062771e-02
## SPNCRNA.697	2.881637e-04	-2.059209e-04	-3.101041e-04	-9.416509e-04
## SPAC1687.21	1.633528e-03	-5.014200e-03	-4.759103e-03	1.266702e-03
## SPAC1687.22c	-1.632004e-03	-1.826083e-03	-1.877186e-03	9.708063e-04
## SPNCRNA.698	8.572934e-04	1.990141e-03	-4.422162e-04	-6.513883e-05
## SPNCRNA.699	1.543408e-03	1.863791e-04	-3.423298e-05	-1.237527e-03
## SPAC222.05c	-4.606221e-04	-1.796510e-04	-1.780589e-03	4.433424e-03
## SPNCRNA.700	1.136475e-04	2.180166e-04	3.049407e-05	9.475726e-04
## SPATRAGLU.02	2.181349e-01	8.573835e-02	3.965366e-02	-6.128720e-02
## SPAC222.09	3.310304e-04	-3.786556e-03	-7.569149e-03	4.578675e-03

## SPAC222.10c	-2.478868e-04	-2.979656e-04	-1.686279e-03	9.028451e-04
## SPAC222.11	-2.524625e-03	-5.286274e-03	1.241655e-03	6.082072e-03
## SPAC222.12c	6.408341e-03	1.162099e-02	-1.604299e-02	-3.740040e-02
## SPAC222.13c	2.886953e-03	-2.963837e-03	-1.213880e-03	3.330942e-03
## SPAC222.14c	-1.641901e-03	1.195953e-02	-2.613511e-03	-4.121673e-03
## SPAC222.15c	-1.845594e-04	2.780551e-04	-8.587161e-05	-3.625339e-04
## SPAC821.03c	-1.013215e-03	4.480817e-03	2.319526e-05	3.603781e-03
## SPAC821.04c	7.862324e-04	4.666437e-04	5.254848e-04	-2.975991e-03
## SPAC821.05c	4.819031e-02	7.374774e-02	-7.814494e-02	2.235285e-01
## SPAC821.07c	-2.957207e-04	2.720183e-04	-4.060618e-03	2.102217e-03
## SPAC821.163	1.247556e-04	2.217046e-04	1.746251e-05	3.000211e-04
## SPAC821.164	3.945612e-05	-7.398581e-05	2.402345e-05	-1.419218e-04
## SPAC821.11	-1.544380e-03	-4.613776e-03	6.683582e-03	1.078401e-03
## SPAC821.13c	-3.824227e-04	5.223633e-03	-6.311791e-04	2.167254e-03
## SPAC139.03	-1.440469e-03	4.762922e-04	-1.059671e-03	3.952613e-04
## SPAC139.04c	-2.482209e-04	1.563592e-03	-8.883417e-04	2.237306e-03
## SPAC139.05	2.138638e-04	3.083454e-04	-1.252950e-04	-5.558652e-05
## SPAC139.06	-1.270484e-02	-2.126796e-02	-2.332756e-02	2.632677e-02
## SPAC139.07	-1.632264e-03	-1.641553e-03	-7.128344e-04	-6.891320e-04
## SPAC139.08	-1.559144e-03	-9.461919e-04	1.851945e-03	-4.339026e-03
## SPAC139.09	-1.620110e-04	2.440954e-04	-1.768732e-05	2.733860e-04
## SPAC23C4.02	-7.519363e-03	-2.394108e-03	-1.477025e-03	8.001088e-03
## SPAC23C4.04c	-1.360628e-03	-5.650129e-04	8.248619e-04	1.469655e-04
## SPAC23C4.07	-1.769255e-03	3.899003e-04	1.021775e-03	1.127448e-03
## SPAC23C4.08	-3.341746e-03	-4.647839e-04	-4.559954e-03	-3.688661e-03
## SPAC23C4.09	-5.329324e-04	-1.855184e-03	-5.856311e-05	1.339571e-04
## SPAC23C4.12	-7.076455e-04	-3.091762e-05	2.634119e-04	3.706340e-04
## SPAC23C4.16c	-8.247955e-04	2.603403e-03	-3.922186e-03	-2.469297e-03
## SPAC23C4.17	1.171442e-03	1.194077e-03	-1.312276e-03	1.290793e-03
## SPAC23C4.18	-6.406617e-05	2.557605e-04	5.095033e-05	-1.692295e-04
## SPAC23C4.19	-9.934121e-03	6.581410e-03	-6.701866e-03	-3.239271e-03
## SPAC1A6.11	-1.677276e-05	1.567427e-05	-2.592312e-04	2.723200e-04
## SPAC1A6.05c	9.215526e-04	-2.028168e-03	-7.688532e-03	-3.218285e-03
## SPAC1A6.07	-2.671716e-03	-8.012831e-03	-8.971121e-03	4.299162e-03
## SPAC1A6.09c	4.588734e-04	5.493527e-03	-5.766420e-03	-4.084723e-03
## SPAC1A6.10	7.697812e-03	5.075906e-03	-1.175923e-02	-2.566753e-03
## SPAC30D11.13	-5.335863e-04	2.467212e-03	2.869789e-03	-4.010060e-03
## SPAC30D11.12	-4.945703e-03	1.261068e-02	4.342036e-03	8.440831e-03
## SPAC30D11.11	-1.317167e-03	1.178784e-02	-3.582335e-03	-5.282078e-03
## SPAC30D11.10	-1.011142e-03	-1.296571e-03	1.747249e-03	1.520106e-03
## SPAC30D11.712	1.753228e-04	-8.730742e-04	-2.568134e-05	1.262519e-03
## SPAC30D11.09	-1.572944e-04	2.934814e-04	-4.033559e-03	1.815608e-04
## SPAC30D11.08c	-2.594272e-03	-8.581892e-04	-7.578649e-04	-1.403620e-03
## SPAC30D11.04c	-1.763114e-03	-6.012451e-03	-1.127143e-02	-2.920452e-04
## SPAC30D11.03	3.160246e-04	-3.656462e-04	1.461784e-03	-1.061145e-03
## SPAC30D11.01c	-2.426451e-03	-3.226626e-03	-6.775880e-04	8.859903e-03
## SPAC30D11.713	1.252901e-03	4.878324e-04	-9.361044e-04	-1.281481e-05
## SPAC30D11.714	1.594128e-04	5.774962e-05	-1.050535e-04	-8.073208e-05
## SPAC56F8.03	-8.862579e-03	6.088732e-03	4.699331e-03	-1.512085e-02
## SPAC56F8.05c	-5.483555e-03	5.234390e-03	1.133722e-02	-1.423296e-03
## SPAC56F8.07	1.604268e-04	-2.568251e-04	7.252121e-05	2.608969e-04
## SPAC56F8.08	1.616443e-03	3.580675e-03	3.792187e-03	-2.711783e-03
## SPAC56F8.10	1.839951e-03	-2.239862e-03	-6.393054e-03	5.303428e-03
## SPAC56F8.11	-2.262984e-03	2.256200e-03	-3.300247e-04	3.765881e-03

## SPAC56F8.11	9.504821e-04	-2.785386e-03	-8.007904e-04	4.727778e-03
## SPAC56F8.14c	1.592152e-03	-5.343492e-03	-8.888416e-04	3.780898e-03
## SPAC56F8.13	-1.808069e-04	-6.868421e-04	7.317235e-04	5.615069e-04
## SPAC56F8.15	-7.046363e-04	-1.705121e-03	6.036687e-04	-1.639990e-03
## SPAC22A12.01c	5.441039e-05	6.766747e-03	-2.193590e-03	-2.791557e-03
## SPAC22A12.03c	2.562345e-03	1.803360e-03	-3.241395e-03	1.861263e-03
## SPAC22A12.05	4.309504e-03	-5.336935e-03	1.151080e-03	2.468806e-04
## SPAC22A12.06c	-1.396201e-03	4.144885e-03	-7.616179e-03	-1.499867e-03
## SPNCRNA.718	-2.527149e-04	-8.790033e-04	-6.175238e-05	3.897916e-04
## SPAC22A12.13	-6.810827e-04	1.301183e-03	1.782439e-03	2.224827e-04
## SPAC22A12.15c	9.380538e-03	8.818629e-03	2.534489e-02	2.065892e-02
## SPAC22A12.16	1.865988e-02	-1.355325e-02	-1.715158e-02	1.212965e-02
## SPAC4C5.01	-2.999376e-03	-6.429444e-03	5.230020e-03	5.652306e-03
## SPATRNAALA.02	-5.927283e-03	-2.238708e-03	-4.169252e-05	6.145607e-03
## SPNCRNA.722	5.731965e-04	5.272718e-04	-1.649252e-03	8.718644e-04
## SPAC4C5.04	1.181591e-03	4.648877e-04	3.902831e-03	-1.336496e-03
## SPNCRNA.723	4.517312e-04	7.721330e-04	-1.234408e-03	-2.445719e-04
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-1.531080e-02	5.167771e-03	8.705659e-03	1.475333e-02
## SPAC10F6.04	-4.730222e-03	-2.435360e-03	1.361025e-04	-2.524850e-06
## SPAC10F6.06	3.320168e-03	2.300568e-02	1.523756e-02	3.129542e-02
## SPAC10F6.07c	7.574907e-04	5.227751e-04	-1.701213e-03	-1.015925e-03
## SPNCRNA.554	2.473861e-04	4.262287e-04	1.921004e-04	-1.393066e-04
## SPAC10F6.08c	1.288931e-04	-1.913030e-03	-5.431557e-04	1.758639e-03
## SPAC10F6.09c	-5.331997e-03	1.052213e-03	-7.191302e-03	-6.175898e-03
## SPAC10F6.11c	-3.767335e-03	2.885513e-03	2.967803e-04	-3.656097e-04
## SPAC10F6.12c	1.614402e-03	2.223603e-03	-2.950554e-03	-1.728111e-03
## SPAC10F6.13c	4.603894e-03	7.706282e-03	1.527427e-02	-8.446995e-05
## SPAC10F6.14c	8.701263e-04	1.766948e-03	-2.580225e-03	-4.227310e-04
## SPNCRNA.82	-8.003181e-05	-1.031159e-04	-6.680733e-05	1.017735e-04
## SPNCRNA.727	-2.186273e-03	-6.934480e-04	-7.103368e-05	-4.799544e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	-8.805495e-04	-6.455747e-04	-3.632901e-03	1.800808e-03
## SPNCRNA.729	-6.899231e-05	1.103245e-04	-3.204299e-05	-9.812397e-05
## SPAC10F6.16	-1.882862e-03	9.501318e-03	4.719469e-03	1.247309e-03
## SPAC56E4.02c	3.871529e-03	-4.644542e-04	1.640483e-03	4.507183e-03
## SPAC56E4.04c	1.631531e-03	8.836317e-02	3.194825e-02	3.060532e-03
## SPAC56E4.05	-3.033672e-04	3.519055e-03	-3.344961e-03	1.228548e-03
## SPAC56E4.06c	-3.285283e-03	2.332123e-03	-1.323634e-03	1.695054e-03
## SPAC1420.01c	-2.613278e-03	3.157186e-04	5.952310e-03	-2.710709e-03
## SPAPB17E12.04c	1.584187e-03	1.955790e-03	2.774532e-04	-1.716413e-03
## SPAPB17E12.06	1.513919e-04	8.504706e-04	-6.891124e-04	9.723346e-04
## SPAPB17E12.07c	7.281047e-04	-6.339649e-04	-5.957310e-04	8.228199e-04
## SPAPB17E12.08	-1.058113e-03	-3.963826e-04	-5.342629e-04	8.238961e-04
## SPAPB17E12.10c	-2.872243e-03	-2.361338e-03	-4.980073e-03	2.319054e-04
## SPAPB17E12.09	-4.568137e-04	2.563205e-05	-3.259815e-04	4.507097e-05
## SPAPB17E12.12c	3.465035e-03	3.975991e-04	-1.849690e-04	1.537527e-03
## SPAPB17E12.14c	-3.129431e-03	8.865522e-04	-8.868703e-03	3.129331e-03
## SPAPB17E12.13	2.885990e-02	-1.430779e-02	3.273387e-02	9.361975e-03
## SPAC1565.01	5.640695e-04	-1.164298e-02	1.733936e-03	2.365739e-03
## SPAC1565.02c	-1.012938e-04	7.277569e-04	-2.115027e-03	-2.525838e-03
## SPAC1565.04c	-4.414616e-04	-9.882886e-04	3.407107e-04	5.757688e-04
## SPNCRNA.169	-2.656505e-06	8.329381e-05	2.343790e-05	5.509396e-05
## SPAC1565.08	8.515257e-03	-2.015073e-02	4.024989e-03	-5.768494e-02

## SPAC6F12.02	-5.824788e-04	4.478100e-03	-3.086431e-03	-9.088689e-03
## SPAC6F12.03c	-2.792141e-03	6.564889e-05	-1.000291e-03	-1.997192e-03
## SPAC6F12.04	-2.884692e-03	1.717310e-03	-6.063075e-03	-3.254351e-03
## SPAC6F12.05c	3.211189e-03	7.710092e-03	5.166712e-03	1.388500e-03
## SPAC6F12.10c	-1.602932e-02	1.303907e-03	6.146515e-04	-2.398376e-02
## SPNCRNA.734	-3.349756e-05	-6.944980e-05	-7.052406e-05	1.660381e-05
## SPAC6F12.11c	-1.400461e-03	-3.123499e-03	-3.941864e-03	-2.976577e-03
## SPAC6F12.14	7.117475e-04	-1.799897e-04	-1.772225e-03	-1.373459e-05
## SPNCRNA.735	-4.394858e-04	2.847200e-04	2.244278e-04	-9.046721e-04
## SPAC6F12.16c	-1.500827e-02	9.044460e-03	-1.884208e-03	-1.491824e-02
## SPAC6F12.17	3.316243e-03	-1.442880e-03	-1.288616e-02	-5.182512e-03
## SPNCRNA.736	-3.897826e-04	7.287140e-04	5.440072e-04	1.754698e-03
## SPNCRNA.737	-1.736346e-04	5.870758e-04	8.498276e-06	1.379981e-05
## SPAC57A10.02	-9.572718e-04	1.382398e-03	-1.052995e-02	1.697370e-03
## SPNCRNA.739	4.487519e-04	4.787134e-04	8.208223e-04	-4.616438e-04
## SPAC57A10.04	-9.143994e-04	1.429164e-03	1.936642e-03	-2.168723e-04
## SPAC57A10.14	-2.509612e-03	-2.392690e-03	-7.240989e-04	1.474239e-03
## SPAC57A10.10c	2.045087e-03	1.820192e-02	1.930702e-02	-1.801232e-02
## SPAC57A10.11c	2.532007e-03	-8.297890e-03	-6.984256e-03	-5.695145e-04
## SPAC20G8.01	8.003444e-05	9.787520e-04	-3.437073e-03	-1.171207e-03
## SPAC20G8.02	-3.890599e-03	2.980387e-03	-1.175196e-03	2.011418e-03
## SPNCRNA.58	-1.764163e-03	1.259105e-03	-3.015205e-04	-2.296198e-04
## SPAC20G8.03	-5.181490e-03	7.444176e-03	-5.562622e-04	-5.765185e-03
## SPNCRNA.740	-5.674340e-04	1.442242e-03	-1.020936e-03	9.078820e-05
## SPAC20G8.07c	1.949398e-04	1.661720e-02	-2.922730e-03	-4.701202e-03
## SPATRNCYS.01	-9.463907e-03	-9.721402e-05	2.737026e-03	4.521163e-03
## SPAC3A12.02	8.640688e-05	-5.703244e-04	-1.959786e-03	3.002443e-03
## SPAC3A12.03c	4.373767e-04	1.321950e-03	-4.591585e-03	3.202127e-03
## SPAC3A12.05c	-8.717462e-04	1.655750e-05	-1.902467e-03	-1.477391e-03
## SPAC3A12.06c	-3.924504e-03	-2.710729e-04	-7.912105e-03	-6.696119e-04
## SPAC3A12.08	8.959037e-04	1.303320e-03	2.255334e-03	-5.477676e-04
## SPAC3A12.09c	1.155792e-03	3.708110e-04	-8.428899e-04	-6.812347e-04
## SPAC3A12.10	1.642116e-02	4.878007e-02	-2.284817e-02	1.440992e-02
## SPAC3A12.12	4.411612e-04	1.439015e-03	-2.073895e-04	3.271018e-03
## SPAC3A12.13c	3.324104e-03	-7.292391e-03	-1.037011e-02	1.048696e-02
## SPATRNCYS.03	2.129872e-03	-9.038437e-03	6.292611e-03	-3.618532e-03
## SPAC3A12.16c	-5.461755e-03	1.368244e-02	-8.451840e-03	-1.103404e-02
## SPAC3A12.17c	-3.427958e-03	4.452470e-03	-3.106019e-03	-4.290098e-03
## SPAC9.02c	-1.118516e-03	-1.773630e-03	3.978380e-03	7.358099e-04
## SPAC9.04	-9.091957e-06	-1.752052e-05	1.880688e-05	1.215590e-04
## SPAC9.07c	-1.209641e-03	8.992326e-03	-3.350178e-03	1.089195e-02
## SPNCRNA.742	-4.344064e-04	-1.258879e-04	-7.581866e-04	2.075369e-04
## SPATRNAMET.02	2.527516e-02	9.324500e-02	-2.813822e-02	-4.139236e-02
## SPAC9.11	1.071180e-03	2.996426e-03	9.175512e-04	-6.336121e-04
## SPAC9.12c	-5.188797e-04	-4.940226e-03	-2.270614e-03	1.164684e-03
## SPAC9.13c	1.477234e-03	-1.129990e-04	4.056632e-03	-3.424383e-03
## SPAC5D6.13	-6.146244e-04	2.219808e-04	4.841838e-03	-9.629303e-04
## SPAC5D6.08c	-2.683139e-04	1.593719e-04	-3.522245e-04	7.656652e-04
## SPAC5D6.06c	1.728302e-03	-2.659453e-03	-4.103471e-03	2.551207e-03
## SPAC5D6.05	-1.114217e-03	-1.790026e-03	-2.117110e-03	1.299788e-03
## SPAC5D6.01	2.222327e-02	7.505884e-03	-2.425820e-02	1.268756e-02
## SPNCRNA.173	5.681161e-04	6.760308e-05	-2.346963e-04	8.481093e-04
## SPAC57A7.13	-1.700367e-03	9.743769e-04	-4.391676e-03	-1.838635e-03
## SPAC57A7.12	9.154128e-03	-3.362333e-02	2.199947e-03	-2.379558e-02

## SPAC57A7.11	4.226821e-03	-1.806946e-03	3.492595e-03	1.246116e-03
## SPAC57A7.09	2.857387e-04	-2.336863e-03	-1.458604e-03	1.718678e-04
## SPATRNALEU.01	-6.992570e-03	8.696622e-03	2.842123e-03	-4.357612e-03
## SPAC57A7.07c	2.921281e-03	-1.683470e-03	-4.580142e-03	2.202146e-03
## SPNCRNA.744	-2.193796e-05	-3.546551e-04	2.511892e-04	-2.733254e-04
## SPAC57A7.05	-1.848407e-03	9.618012e-04	-4.649936e-04	2.828812e-03
## SPAC57A7.15c	-8.475156e-04	-1.402334e-03	-2.127379e-03	2.880397e-04
## SPAC167.06c	-8.781537e-04	-1.502982e-03	2.908245e-04	1.406217e-03
## SPAC167.02	7.404560e-04	-7.958422e-04	-7.687667e-03	2.654125e-04
## SPAC167.03c	-1.229378e-03	3.251402e-04	-3.061323e-03	-7.866180e-04
## SPAC167.01	3.496374e-03	1.005141e-04	-6.568393e-04	2.704754e-03
## SPNCRNA.555	-1.565922e-04	-3.125934e-04	1.509760e-04	-1.902336e-04
## SPRRNA.53	-1.153532e-01	9.170524e-02	-1.660637e-01	2.649012e-02
## SPAC1705.02	1.791282e-03	-4.088383e-04	-2.246937e-04	-2.369283e-03
## SPNCRNA.175	-7.934499e-05	3.277649e-04	-8.654788e-05	7.635722e-05
## SPAC23H4.18c	4.540921e-04	-1.953991e-03	3.425621e-03	-5.709638e-05
## SPAC23H4.14	2.838798e-04	-3.183693e-04	-3.064740e-03	2.031054e-03
## SPAC23H4.11c	-5.522949e-04	3.099978e-03	-1.297017e-03	1.961782e-03
## SPAC23H4.10c	1.514146e-03	-2.016353e-03	2.754764e-03	-2.679926e-03
## SPAC23H4.09	-4.229692e-03	5.161656e-03	2.683486e-02	1.070425e-02
## SPAC23H4.06	9.778526e-03	2.069255e-02	-3.978199e-03	-6.214118e-03
## SPAC23H4.03c	1.138690e-03	6.836824e-04	-2.808848e-03	2.345285e-03
## SPAC23H4.02	7.798053e-04	2.085714e-03	5.473807e-04	-5.070080e-04
## SPAC23H4.01c	5.748153e-04	-6.111317e-05	-2.114215e-03	-1.129603e-03
## SPAP27G11.02	-1.167298e-04	1.863521e-03	-1.732649e-03	-9.168166e-04
## SPNCRNA.748	6.392448e-05	-3.066876e-04	1.415895e-04	-1.312568e-04
## SPAP27G11.04c	-6.489429e-04	1.427768e-03	-1.904367e-03	2.358271e-03
## SPAP27G11.06c	3.235862e-03	7.469977e-03	4.418483e-03	-5.535642e-03
## SPAP27G11.07c	-2.757771e-03	7.607709e-04	-5.500099e-04	-1.831705e-03
## SPAP27G11.08c	-1.821059e-04	-3.887171e-05	7.150959e-04	-6.332050e-04
## SPAP27G11.10c	5.393078e-03	-8.221651e-03	-1.475952e-02	5.260577e-03
## SPAP27G11.11c	5.791523e-05	-2.474971e-04	7.874649e-05	2.474133e-04
## SPNCRNA.750	3.707632e-04	-6.319106e-05	-3.463458e-04	1.343223e-04
## SPAP27G11.16	2.535649e-03	-6.061899e-04	-6.059639e-04	1.302111e-03
## SPAP27G11.12	-1.640979e-03	2.490928e-03	4.064959e-03	-3.001074e-03
## SPAP27G11.13c	-1.940365e-03	-6.560604e-03	4.301347e-03	6.645961e-03
## SPAC343.02	1.535416e-03	1.200023e-03	-3.570704e-03	-5.619596e-03
## SPATRNAGLY.01	9.755785e-03	-4.417457e-03	5.959374e-03	4.287373e-03
## SPNCRNA.751	2.992044e-04	2.486697e-04	6.786902e-05	-1.646812e-04
## SPAC343.06c	8.478185e-04	3.076692e-03	-1.510645e-03	4.384300e-03
## SPAC343.09	1.311152e-03	-8.010949e-03	-8.024857e-03	3.894511e-03
## SPNCRNA.753	-2.576022e-04	3.753373e-04	1.381661e-04	-1.008832e-04
## SPAC343.21	3.944104e-04	-2.113679e-03	-1.975064e-04	5.009050e-04
## SPAC343.12	-9.138084e-02	-1.754240e-02	-2.448704e-02	5.636237e-02
## SPAC343.13	9.145187e-06	-2.730204e-04	-1.321590e-03	1.264299e-03
## SPAC343.14c	2.313919e-03	-9.900790e-04	1.722940e-03	-5.643384e-03
## SPAC343.16	-2.396405e-02	3.170674e-02	8.935717e-05	1.174246e-02
## SPAC343.18	-8.118681e-04	-2.530808e-03	1.365789e-03	-5.763938e-04
## SPAC343.19	-5.722645e-04	1.550559e-03	-2.303343e-03	-1.031969e-04
## SPAC824.02	-7.907651e-04	7.812385e-03	-1.033730e-02	1.491320e-03
## SPAC824.03c	-5.099401e-03	3.404384e-03	-2.647010e-03	8.455453e-04
## SPNCRNA.755	3.602143e-04	-5.662639e-05	-5.703311e-05	3.850061e-04
## SPAC824.06	1.394966e-03	9.215754e-03	-9.955355e-03	6.893980e-04
## SPAC824.09c	2.600436e-03	-6.187908e-04	-1.715982e-03	-4.844444e-03

## SPNCRNA.177	-1.981120e-04	1.294407e-04	-1.705542e-04	1.255877e-04
## SPAC664.01c	-3.783947e-03	-5.959690e-03	-3.320510e-03	7.215462e-03
## SPAC664.02c	-2.332408e-03	-6.094513e-03	4.135031e-03	5.227808e-05
## SPAC664.05	8.934365e-03	-1.497813e-02	8.047994e-03	1.331169e-02
## SPNCRNA.756	-9.619829e-04	7.829895e-04	-1.368060e-03	7.853391e-04
## SPAC664.06	-2.598698e-04	-2.920450e-03	-2.700438e-03	2.870801e-02
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	7.181542e-05	-2.332213e-04	-3.452442e-04	-6.515333e-05
## SPAC664.13	-3.952604e-04	-6.177576e-04	4.435991e-04	-1.350287e-03
## SPATRNLAYS.02	-4.986077e-04	1.053598e-03	-2.105072e-03	-2.069548e-03
## SPAC664.15	-6.754186e-04	-2.401459e-03	-3.405095e-03	-4.301947e-03
## SPAC105.02c	-1.143282e-02	-7.851510e-04	-6.823802e-03	-4.421068e-03
## SPATRNLATYR.01	-6.917679e-03	1.103391e-02	-1.283122e-02	-5.299811e-03
## SPAC105.03c	-3.453815e-03	2.746374e-03	-4.240426e-03	-5.190721e-03
## SPAC17A5.01	2.381523e-04	-7.172014e-03	-8.735715e-03	3.720850e-03
## SPNCRNA.759	3.151489e-04	4.779286e-04	-3.064843e-04	8.425522e-04
## SPNCRNA.556	4.970416e-04	-4.005424e-05	4.212410e-05	2.681662e-05
## SPAC17A5.05c	-1.307309e-03	3.052805e-03	4.940305e-04	-1.121338e-03
## SPAC17A5.07c	-3.396766e-03	-3.729446e-03	-2.063996e-03	-1.110087e-04
## SPAC17A5.09c	6.982278e-04	9.824003e-04	-4.807080e-04	-1.502413e-03
## SPATRNAILE.01	5.791534e-03	-4.335673e-03	4.923889e-04	2.675066e-03
## SPNCRNA.760	1.159717e-03	-5.628716e-04	1.170256e-03	-6.650672e-04
## SPNCRNA.761	-8.850461e-04	2.427547e-04	-1.352067e-03	-4.807620e-04
## SPAC17A5.13	-3.377306e-03	1.014142e-02	-2.206611e-03	-1.772466e-03
## SPAC17A5.15c	-1.020544e-02	-1.531133e-02	7.620689e-03	4.918692e-04
## SPNCRNA.762	-2.978547e-03	3.247011e-03	-4.861600e-04	-3.167380e-03
## SPAC1002.01	3.697993e-04	1.786955e-04	8.646262e-04	2.633692e-04
## SPAC1002.06c	-4.112487e-05	5.623903e-05	-6.772553e-05	3.126724e-04
## SPAC1002.07c	1.407396e-03	-5.315102e-03	-1.727763e-03	2.221534e-04
## SPAC1002.08c	1.895008e-03	-1.559886e-03	-6.775039e-03	-3.738323e-04
## SPNCRNA.763	2.805351e-04	5.237596e-05	1.522391e-03	1.524032e-04
## SPAC1002.10c	-9.860423e-04	-6.319095e-05	9.052819e-04	-7.906095e-04
## SPAC1002.11	-3.614537e-03	6.091252e-03	-2.965066e-03	1.607959e-03
## SPAC1002.13c	-2.602052e-02	1.881004e-02	-1.457193e-02	1.389924e-02
## SPAC1002.15c	-1.448136e-03	-1.231931e-04	1.742997e-03	2.391602e-03
## SPAC1002.14	2.434877e-03	-3.396691e-03	7.584655e-03	7.586314e-03
## SPAC1002.16c	8.460852e-04	8.654587e-05	1.388211e-03	-4.443511e-04
## SPAC1002.17c	1.901182e-02	2.043393e-02	-1.456034e-02	-1.211840e-02
## SPAC1002.18	1.680874e-02	1.508357e-02	-7.613631e-03	-1.165007e-02
## SPAC1399.05c	-1.314844e-03	1.345154e-03	-4.408543e-03	3.829382e-03
## SPNCRNA.764	-7.755377e-04	-9.941032e-04	-3.704150e-04	-8.279866e-04
## SPNCRNA.178	-3.811951e-04	-7.529962e-04	1.577377e-04	-1.472215e-03
## SPAC1399.02	-1.819252e-03	1.849812e-03	7.413082e-04	4.014906e-03
## SPAC1399.06	5.629570e-04	2.173088e-04	1.321097e-04	3.067361e-04
## SPAP11E10.01	4.940594e-03	2.338336e-03	-3.765554e-03	-1.751476e-03
## SPAPB1A10.03	5.293234e-04	9.541722e-04	-5.060069e-04	4.416914e-04
## SPAPB1A10.16	-1.063750e-03	-1.452634e-03	1.290355e-04	5.372539e-04
## SPAPB1A10.04c	-2.014336e-03	3.677246e-03	2.914992e-03	-5.236592e-04
## SPNCRNA.765	7.333915e-04	1.242056e-03	-8.179790e-04	-2.468773e-04
## SPAPB1A10.05	5.391479e-04	3.308587e-04	-1.628106e-03	1.037269e-04
## SPNCRNA.766	2.178998e-04	-1.338945e-03	-5.800372e-04	7.305402e-04
## SPAPB1A10.09	4.333046e-04	4.193302e-03	3.131170e-03	3.829768e-04
## SPAPB1A10.13	1.440652e-03	-1.744529e-03	-3.055233e-03	3.769711e-03
## SPAPB1A10.14	2.660694e-03	-1.039138e-03	-2.268423e-04	5.919674e-06

## SPAPB1A10.15	1.777360e-04	-1.215521e-03	1.864014e-04	3.798545e-04
## SPAC140.01	-4.369480e-03	6.545103e-03	-2.383541e-02	-2.173461e-02
## SPAC140.03	-1.472054e-06	1.663797e-03	3.289173e-05	-3.202816e-03
## SPNCRNA.182	-1.321775e-05	-2.707168e-05	1.704860e-05	-4.626774e-05
## SPNCRNA.772	-3.003286e-05	-7.297687e-04	-1.379528e-04	6.454246e-04
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	-5.100847e-04	6.100390e-04	-1.679876e-04	-9.082103e-04
## SPAC110.01	5.868831e-03	-6.353952e-03	3.995221e-04	-2.693524e-03
## SPAC110.03	2.689015e-03	-1.340515e-03	-9.416776e-03	5.020506e-03
## SPNCRNA.774	9.948088e-04	-3.034526e-04	8.883071e-05	-5.784607e-04
## SPAC3H1.01c	1.107619e-02	6.575688e-05	-9.827648e-03	8.233121e-03
## SPAC3H1.02c	-1.959508e-03	-1.205675e-03	-1.509996e-03	-1.159599e-02
## SPAC3H1.04c	9.007493e-04	4.232739e-03	-1.260118e-03	3.304918e-03
## SPAC3H1.05	9.736463e-03	8.102802e-03	6.864615e-04	-7.050225e-03
## SPAC3H1.06c	-1.742633e-04	9.227838e-03	-6.237463e-03	-6.442747e-03
## SPAC3H1.07	2.387181e-02	2.635942e-02	1.236968e-02	-2.607721e-02
## SPAC3H1.09c	-1.918626e-03	-1.462721e-03	1.666041e-03	-4.831653e-04
## SPNCRNA.777	1.930214e-04	9.141918e-04	-1.097699e-03	-6.021800e-04
## SPNCRNA.781	-6.621818e-04	1.048947e-04	-1.127559e-03	1.555307e-03
## SPNCRNA.783	6.913991e-04	-4.535807e-04	-1.146386e-03	-6.398296e-04
## SPNCRNA.784	1.725977e-04	-4.353259e-04	-2.548960e-04	-2.375867e-04
## SPAC3H1.12c	8.406360e-04	4.092843e-03	-5.981108e-03	1.935163e-03
## SPAC3H1.13	-1.180885e-03	1.527684e-04	-1.191420e-03	8.054827e-04
## SPNCRNA.530	3.382531e-02	-2.001871e-02	-7.163964e-03	7.191894e-03
## SPAC9G1.14	9.158548e-05	-9.949611e-04	2.216831e-04	-7.119552e-05
## SPAC9G1.02	-1.658641e-03	5.400104e-03	-8.817471e-03	8.583763e-04
## SPAC9G1.03c	8.146965e-04	1.726338e-02	-5.898934e-03	3.557722e-02
## SPAC9G1.04	-3.182945e-03	3.531221e-03	-2.381718e-03	-1.837654e-03
## SPAC9G1.08c	6.306271e-04	1.228740e-03	-9.154386e-04	4.122439e-04
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	1.638765e-03	1.292123e-03	1.210545e-03	-8.705522e-04
## SPAC9G1.10c	-2.505403e-03	7.539763e-04	-2.905580e-04	-2.445890e-03
## SPAC9G1.13c	-3.822726e-04	4.424551e-04	1.088624e-03	2.521485e-04
## SPNCRNA.785	-7.226421e-04	1.256085e-03	-8.738801e-04	-1.578305e-03
## SPAC17H9.02	-5.795060e-03	1.132782e-03	-8.011513e-03	1.283943e-03
## SPAC17H9.03c	-6.278303e-04	1.403759e-03	1.564449e-03	-3.271261e-03
## SPAC17H9.04c	7.881545e-03	-1.193950e-02	-2.318390e-03	5.495560e-03
## SPNCRNA.787	-3.128453e-05	-3.778242e-04	8.800555e-05	9.311253e-05
## SPAC17H9.09c	2.266072e-03	4.399917e-04	5.559853e-03	-1.312542e-03
## SPAC17H9.10c	-2.515292e-03	-4.363895e-03	-5.177400e-03	1.733546e-03
## SPAC17H9.12c	8.783547e-04	-1.889676e-03	-5.423020e-04	1.565988e-04
## SPAC17H9.13c	-9.978180e-04	5.974266e-03	1.128895e-03	2.049910e-03
## SPAC17H9.14c	1.056153e-02	-1.287238e-02	-2.226260e-02	1.325023e-02
## SPNCRNA.184	-9.305214e-05	5.025411e-04	1.491622e-04	5.321595e-04
## SPAC17H9.16	1.570043e-02	-6.077390e-03	2.003455e-03	-1.089231e-02
## SPAC17H9.17c	4.534561e-04	-1.779168e-03	-8.175403e-04	-8.596502e-04
## SPAC17H9.20	-1.831905e-03	4.589234e-03	4.096112e-04	-2.744108e-03
## SPAC607.03c	-1.474304e-02	-1.862013e-03	-1.935337e-03	7.292038e-03
## SPNCRNA.185	5.655154e-05	1.264980e-04	2.071187e-04	1.612412e-04
## SPAC607.04	3.809922e-03	4.636093e-03	5.441078e-04	2.879319e-03
## SPAC607.05	-4.523708e-04	1.877203e-02	4.368288e-03	-1.790020e-03
## SPAC607.06c	-1.380209e-03	6.320964e-03	1.442621e-03	-5.256715e-03
## SPAC607.09c	1.475498e-03	-1.120333e-03	8.050711e-04	1.188814e-03
## SPAC732.01	2.251077e-03	-2.659053e-03	-3.565977e-03	-5.317698e-03

## SPAC732.02c	1.902407e-03	1.037279e-02	2.305264e-03	8.176700e-04
## SPAC3C7.02c	1.079819e-03	2.925229e-03	-6.435789e-04	-8.594155e-04
## SPNCRNA.791	1.122790e-04	-1.957955e-04	3.996782e-05	-4.248604e-04
## SPAC3C7.08c	-1.000453e-02	-2.972294e-03	-2.067904e-02	-6.790994e-03
## SPAC3C7.09	-9.683115e-04	-3.201486e-03	-9.361459e-04	2.584545e-03
## SPNCRNA.793	1.144589e-03	-7.271471e-04	-4.838738e-05	-1.586744e-04
## SPNCRNA.794	3.369489e-04	5.756812e-04	3.375782e-04	6.722245e-04
## SPAC25A8.03c	1.773173e-03	2.543731e-03	-1.180445e-03	1.653284e-03
## SPAC25A8.02	-1.066931e-03	3.354883e-04	2.541273e-03	-2.927306e-03
## SPAC631.02	2.758448e-03	7.787958e-03	8.990685e-03	-4.627071e-03
## SPAC20H4.02	2.522392e-03	-2.932740e-03	2.809729e-03	1.457841e-03
## SPAC20H4.03c	-2.010325e-03	-1.589086e-03	1.807466e-03	5.913168e-03
## SPAC20H4.04	-6.563358e-04	-1.348148e-03	-2.948789e-03	2.888479e-03
## SPAC20H4.08	-2.517415e-04	1.962262e-03	1.325345e-03	-2.973028e-03
## SPAC20H4.09	-4.234046e-03	7.384932e-03	2.231669e-03	4.724485e-04
## SPNCRNA.797	-6.116017e-04	-1.850984e-03	-2.031568e-04	8.598329e-04
## SPAC20H4.10	4.624286e-04	1.170522e-03	-3.968156e-03	-2.994064e-04
## SPAC23C11.01	-3.254192e-03	1.261178e-03	-3.216593e-03	-1.872940e-03
## SPAC23C11.03	7.442450e-04	2.640724e-03	2.235967e-03	-4.997487e-03
## SPAC23C11.04c	-1.191152e-03	1.430602e-03	-2.291270e-03	1.270246e-04
## SPAC23C11.05	1.351525e-02	-1.616024e-02	1.434491e-02	2.880340e-02
## SPAC23C11.08	1.509178e-03	-1.824639e-03	-1.297370e-03	-2.035404e-03
## SPNCRNA.799	-1.192991e-04	-5.968382e-04	1.219613e-04	-1.631156e-04
## SPAC23C11.09	-2.580683e-02	1.934307e-04	-1.900333e-02	7.404438e-03
## SPAC23C11.10	1.173241e-03	1.398996e-04	7.802469e-04	-4.167810e-04
## SPAC23C11.11	-3.840663e-03	6.526843e-03	3.278110e-03	-2.657503e-03
## SPNCRNA.800	2.400906e-03	9.168411e-04	-1.607798e-04	-8.869939e-04
## SPAC23C11.14	-6.811680e-04	9.203037e-03	-5.500333e-04	4.141281e-03
## SPAC23C11.15	4.079590e-03	3.957562e-03	-7.453528e-03	1.608600e-03
## SPAC23C11.17	-3.674182e-03	6.509640e-04	-9.883175e-03	-1.061955e-03
## SPAC13F5.01c	2.965407e-03	-2.189651e-03	-1.177903e-03	-4.573661e-03
## SPAC13F5.02c	-4.768151e-03	5.358239e-03	1.795837e-03	-3.696672e-03
## SPNCRNA.801	-7.294327e-04	-2.101699e-04	-2.226811e-04	-6.809952e-04
## SPAC13F5.06c	8.425235e-03	-4.239856e-03	-9.112453e-03	4.953312e-03
## SPNCRNA.802	-5.692210e-04	-9.362628e-04	1.448296e-04	6.057206e-05
## SPAC13F5.07c	5.756402e-04	6.897388e-04	5.962678e-04	1.466752e-03
## SPAC1783.02c	6.391418e-04	-8.008395e-04	-1.426559e-03	2.834810e-03
## SPAC1783.04c	2.701051e-04	3.237620e-03	-9.627239e-04	1.646554e-03
## SPNCRNA.803	3.569735e-04	-2.065789e-04	-6.038313e-04	-9.030328e-05
## SPAC1783.06c	-1.209299e-03	7.745626e-04	1.555300e-03	-8.482807e-04
## SPNCRNA.804	-6.628832e-04	1.597688e-04	6.470801e-05	1.190278e-04
## SPAC1783.07c	6.461390e-03	4.186000e-03	-4.798051e-03	5.801522e-03
## SPAC1783.08c	3.275096e-02	-3.559875e-02	-5.643891e-02	-1.608387e-02
## SPAC1327.01c	1.681497e-03	-9.820733e-04	-5.844344e-03	-1.853218e-03
## SPAC18G6.01c	1.220074e-03	-2.223682e-03	-2.642485e-03	-5.068711e-04
## SPAC18G6.02c	-1.229658e-03	6.238268e-03	5.048127e-03	5.255727e-04
## SPATRNAVAL.03	-1.161539e-02	1.262824e-02	-1.653219e-03	1.449501e-02
## SPAC18G6.04c	3.302176e-03	6.093851e-03	1.953408e-04	2.366827e-03
## SPAC18G6.05c	-6.975785e-03	1.942714e-02	-1.025602e-02	3.591001e-03
## SPAC18G6.06	4.245833e-04	3.297894e-03	-1.376751e-03	-2.006026e-03
## SPAC18G6.07c	7.099464e-03	7.389628e-03	-2.839611e-03	3.117163e-03
## SPAC18G6.09c	1.588348e-03	-3.591094e-03	-3.957672e-03	3.356350e-03
## SPAC18G6.10	-2.774474e-05	3.835288e-04	-2.178771e-03	-2.116074e-03
## SPAC18G6.11c	2.333918e-04	3.726476e-03	-1.579799e-03	1.017888e-02

## SPAC18G6.12c	-1.387705e-03	-3.859178e-04	-6.200712e-04	9.172843e-04
## SPNCRNA.806	2.008323e-05	2.905314e-04	-9.446551e-05	-6.851924e-04
## SPAC18G6.13	1.715641e-04	-3.410676e-04	-1.601776e-03	-2.495366e-04
## SPAC18G6.14c	-2.613978e-04	-9.352507e-04	2.378300e-02	-1.771601e-02
## SPAC13D6.02c	3.950108e-03	-1.498836e-03	-8.734223e-04	-1.135013e-03
## SPNCRNA.189	-3.364190e-04	5.641225e-04	2.641986e-06	8.945829e-05
## SPATRNAGLY.02	1.813320e-03	-8.455759e-03	1.746875e-03	3.020824e-03
## SPAC13D6.04c	-4.605551e-04	3.507353e-03	-1.183430e-03	-3.298910e-04
## SPAC13D6.05	1.000316e-04	1.909260e-03	4.863595e-03	3.018581e-03
## SPAC4G9.02	-4.432443e-04	-1.112184e-03	-3.295035e-03	-1.165277e-03
## SPAC4G9.07	-2.846313e-04	5.967865e-04	3.193697e-05	1.157179e-04
## SPAC4G9.08c	-4.703509e-03	8.150478e-03	-7.877828e-04	1.599824e-03
## SPAC4G9.13c	1.151099e-03	-1.851409e-03	-3.441654e-03	-2.660387e-03
## SPAC4G9.16c	-3.130756e-02	2.966549e-02	6.613578e-02	-2.939733e-02
## SPAC4G9.17c	-3.340346e-03	1.814644e-03	2.714083e-04	8.871252e-04
## SPAC4G9.22	2.464132e-04	-8.635778e-03	5.100174e-03	3.693416e-04
## SPNCRNA.811	2.254947e-04	6.974347e-05	1.214064e-04	-5.997653e-05
## SPNCRNA.190	9.414572e-04	-2.869102e-05	6.825992e-05	1.981227e-04
## SPAC13G7.07	-7.203305e-04	6.957566e-04	8.987255e-04	-1.354442e-03
## SPAC13G7.08c	-6.206698e-03	5.689296e-04	2.723593e-03	-1.832544e-03
## SPAC13G7.09c	-1.035334e-03	-1.077018e-03	-3.182669e-03	-2.158184e-03
## SPAC13G7.11	6.682728e-05	-2.498598e-03	-5.877944e-03	4.536756e-03
## SPAC6C3.02c	4.283665e-04	2.787770e-03	-8.707242e-03	-1.177229e-02
## SPAC6C3.04	-3.339394e-05	-2.545315e-03	-6.030987e-03	-9.979089e-03
## SPNCRNA.814	-1.952312e-04	-1.831766e-04	2.117816e-04	9.957921e-05
## SPAC6C3.06c	-6.275849e-04	2.631118e-03	-6.835100e-03	-4.700415e-03
## SPAC6C3.07	7.248920e-05	5.985056e-04	2.029744e-04	4.230538e-05
## SPAC17G8.01c	4.543329e-04	6.065081e-03	-6.224538e-03	-2.400212e-03
## SPAC17G8.02	-5.042580e-04	8.817561e-03	-3.590948e-03	-3.503608e-03
## SPAC17G8.05	-1.473329e-03	-6.206854e-04	-2.172665e-03	-1.976646e-04
## SPAC17G8.07	-2.121477e-03	-5.324277e-04	-4.302692e-03	1.043703e-03
## SPAC17G8.09	-1.690625e-03	4.212498e-04	7.436138e-04	-3.119468e-04
## SPAC17G8.10c	1.665188e-03	1.090184e-03	-2.489952e-03	-1.440228e-03
## SPNCRNA.817	-1.368967e-05	7.328833e-05	7.279336e-06	1.723750e-04
## SPAC17G8.12	6.022704e-03	7.059749e-05	-9.971065e-04	-1.322458e-03
## SPNCRNA.192	1.248164e-04	3.703174e-04	-2.666712e-04	-7.104660e-05
## SPNCRNA.819	-8.087128e-04	3.011807e-04	-7.546081e-04	5.980802e-04
## SPAC22H10.03c	2.576773e-03	-4.749414e-04	-5.879662e-03	5.656299e-03
## SPNCRNA.821	-5.972323e-04	-5.829589e-04	3.492596e-04	5.430980e-04
## SPAC22H10.13	-2.470179e-03	1.428915e-03	-3.752037e-03	2.271749e-03
## SPAC22H10.09	-2.607669e-03	-5.817354e-03	-7.078707e-03	6.777724e-03
## SPAC22H10.10	-6.762163e-04	-3.476117e-03	6.290953e-04	1.495802e-03
## SPAC15F9.02	1.695296e-03	4.053134e-03	-2.666061e-03	-9.263887e-03
## SPAC15F9.03c	-9.615307e-03	-7.724979e-03	-2.568310e-03	1.257162e-03
## SPAC1B9.02c	9.782261e-04	1.357197e-02	5.548734e-03	-1.162077e-02
## SPAC1B9.03c	-1.557565e-03	-6.886763e-03	1.338832e-02	9.843103e-03
## SPAC6B12.03c	-8.727160e-04	6.632695e-04	1.048932e-03	3.536370e-04
## SPAC6B12.18	-2.630938e-03	3.344804e-04	5.571533e-03	-8.776387e-04
## SPAC6B12.07c	5.217871e-03	1.844428e-03	2.776429e-03	-3.505465e-03
## SPAC6B12.08	4.777259e-04	-8.650438e-04	4.028698e-03	1.018107e-03
## SPAC6B12.13	1.103724e-04	1.825109e-03	-5.102145e-03	-1.531070e-03
## SPNCRNA.195	6.253898e-04	-2.595545e-04	-2.886736e-04	-2.685417e-04
## SPAC6B12.15	-4.648626e-02	6.527992e-02	3.156027e-02	2.699998e-02
## SPATRNALYS.03	-4.197387e-03	1.060804e-03	1.596737e-04	-2.152997e-04

## SPAC32A11.02c	1.184687e-02	-1.145394e-03	-8.443801e-03	2.635835e-02
## SPNCRNA.828	-1.674380e-03	1.699765e-03	2.078290e-03	-1.195589e-03
## SPNCRNA.829	-4.653355e-04	3.770061e-04	2.424274e-04	-1.180559e-03
## SPAC19A8.13	1.382759e-03	-1.877856e-03	3.530837e-03	-7.089984e-04
## SPAC19A8.12	1.422783e-03	1.669337e-03	-3.386709e-03	-2.092201e-03
## SPAC19A8.11c	9.765412e-04	-1.910925e-03	-4.177595e-03	-2.960381e-03
## SPAC19A8.10	2.966097e-03	-2.056363e-03	1.967996e-04	5.009444e-03
## SPAC19A8.09	1.943429e-03	1.266928e-03	7.296400e-04	-8.011848e-04
## SPAC19A8.08	7.844819e-04	-2.379727e-03	-2.754320e-03	-4.705594e-03
## SPNCRNA.286	4.683657e-05	-3.648937e-04	-2.701195e-05	2.786461e-04
## SPAC19A8.07c	3.910179e-03	4.135858e-03	-7.038175e-04	3.309503e-04
## SPAC19A8.05c	1.890484e-03	-1.405695e-04	2.455692e-03	4.509092e-03
## SPAC19A8.04	-4.649567e-03	-8.019586e-03	-1.754117e-03	1.502638e-02
## SPAC19A8.03	-7.841960e-03	2.988393e-03	4.332273e-04	-4.577693e-03
## SPAC19A8.02	-7.881517e-03	3.915481e-03	-2.129611e-03	4.493673e-04
## SPAC19A8.01c	-1.280652e-03	1.247039e-03	-4.557806e-03	-9.724018e-04
## SPAC23H3.04	1.326628e-03	-6.795408e-05	-1.685245e-04	9.377015e-04
## SPAC23H3.05c	-1.667313e-03	2.392945e-03	-4.876047e-04	-5.303636e-03
## SPAC23H3.06	-4.527142e-03	-3.804553e-03	-9.667918e-04	2.163875e-03
## SPAC23H3.08c	6.997868e-04	-1.584414e-03	-3.269600e-04	-6.394784e-04
## SPAC23H3.13c	-1.151080e-03	-1.304321e-03	-5.310248e-03	1.521033e-03
## SPNCRNA.197	1.087576e-07	5.775738e-05	2.061434e-04	-2.047530e-04
## SPNCRNA.831	1.207720e-04	-4.017975e-05	-5.934802e-06	-2.000137e-04
## SPAC23H3.15c	-3.002495e-02	8.268458e-03	-7.816842e-03	2.174199e-02
## SPNCRNA.833	-6.188613e-04	-1.746510e-03	4.642850e-04	2.732742e-06
## SPAC25H1.04	1.785884e-03	3.170394e-03	-2.286552e-03	-4.660709e-03
## SPAC25H1.05	6.211915e-04	-1.790276e-03	1.572486e-03	-5.917924e-04
## SPAC25H1.06	-3.795439e-05	1.158790e-03	3.765617e-03	1.972194e-03
## SPAC25H1.07	-1.316499e-02	-1.291932e-02	-1.041904e-02	-2.405153e-03
## SPAC25H1.08c	-6.487760e-03	-9.915432e-03	-3.153492e-03	-1.437213e-03
## SPAC4A8.04	-4.153656e-03	-1.062984e-03	-6.554548e-03	1.981919e-03
## SPAC4A8.05c	-1.738946e-02	-1.252121e-02	-1.372626e-02	-3.147390e-03
## SPNCRNA.836	-1.548328e-04	1.880695e-03	-1.372156e-03	-1.779019e-03
## SPNCRNA.837	8.438713e-05	4.972822e-04	2.311693e-03	-6.675787e-04
## SPAC4A8.07c	-2.161535e-03	-1.660314e-03	-8.246278e-03	4.811967e-03
## SPAC4A8.08c	-1.919954e-04	3.338651e-03	2.692380e-03	-5.786041e-05
## SPNCRNA.838	1.189965e-03	-1.949829e-03	5.443056e-05	1.776006e-03
## SPSNRNA.06	4.284722e-02	-2.381147e-02	-7.168174e-02	-9.550484e-02
## SPAC4A8.10	-4.231171e-03	1.002176e-03	5.533183e-04	4.436551e-03
## SPNCRNA.839	-1.987355e-04	1.126401e-03	4.637107e-04	-1.385813e-03
## SPAC4A8.12c	3.352697e-03	4.632922e-03	-1.047941e-03	2.564077e-03
## SPAC4A8.14	-1.127459e-03	-3.127599e-03	-9.493281e-03	-2.714835e-03
## SPATRNAILE.02	7.379031e-03	7.698440e-02	-9.390602e-03	4.749651e-02
## SPAC823.03	-8.852635e-03	3.940784e-03	1.893856e-03	-3.422844e-03
## SPAC823.07	3.058926e-04	1.933085e-03	6.771037e-04	7.638325e-05
## SPNCRNA.199	1.521528e-04	7.743059e-05	-4.836687e-05	-1.804989e-04
## SPAC823.11	-6.515278e-03	9.735645e-03	-1.662966e-03	8.969934e-04
## SPAC823.12	3.429485e-03	3.268812e-03	5.379595e-03	-5.109433e-03
## SPAC823.13c	-1.600971e-03	4.635336e-04	2.512720e-04	4.615591e-04
## SPAC823.14	4.132249e-04	-3.050863e-03	9.512156e-04	-1.008263e-03
## SPNCRNA.841	-5.796699e-04	2.399110e-03	2.848091e-04	1.091247e-03
## SPAC823.16c	-2.913324e-04	1.162558e-03	7.156213e-04	-1.593698e-03
## SPAC7D4.14c	-3.214157e-03	-2.738129e-04	-6.913877e-04	-1.411584e-03
## SPAC7D4.11c	-1.120209e-03	7.332813e-04	-5.712578e-03	4.208886e-04

## SPAC7D4.09c	-1.686761e-03	1.659051e-03	-1.149467e-03	-9.813437e-04
## SPAC7D4.08	4.990600e-05	3.089681e-05	4.391312e-05	3.113468e-04
## SPAC7D4.06c	1.176282e-03	-2.073032e-04	2.116910e-03	-1.975475e-03
## SPAC7D4.04	-5.663203e-04	1.872029e-03	-6.982665e-03	-4.160656e-03
## SPAC7D4.03c	4.253485e-03	3.048489e-03	-7.849243e-03	-7.701639e-03
## SPAC4F8.15	-7.555616e-03	6.606489e-03	-3.779907e-03	7.189766e-03
## SPAC4F8.14c	7.578154e-03	-3.369161e-02	-1.313546e-02	4.291582e-03
## SPNCRNA.843	-2.741061e-04	5.854089e-05	2.539105e-04	6.308989e-05
## SPAC4F8.12c	-2.980600e-03	1.059751e-02	-1.167655e-02	3.321563e-03
## SPNCRNA.326	3.546145e-05	1.235484e-04	5.085153e-05	4.069599e-05
## SPAC4F8.10c	1.148088e-03	6.374714e-04	-5.969798e-03	2.859616e-04
## SPNCRNA.200	2.051452e-04	2.343116e-04	-6.156863e-05	-3.008997e-04
## SPAC4F8.07c	-5.455288e-02	4.115346e-03	-1.340592e-02	-4.685567e-02
## SPAC4F8.03	1.539281e-03	2.978688e-03	4.166300e-04	2.343605e-03
## SPAC4F8.02c	-1.013102e-03	-1.401477e-03	-1.774711e-03	1.982053e-03
## SPAC4F8.01	-1.322545e-04	-1.524093e-04	-5.682741e-04	-6.169081e-04
## SPAC644.04	1.507478e-03	-1.811667e-03	-1.953147e-03	-2.676562e-03
## SPAC644.05c	2.520938e-03	-1.884403e-03	-3.795895e-03	-3.136085e-03
## SPAC644.08	2.975234e-03	2.728656e-04	2.071978e-03	2.388169e-03
## SPAC644.11c	3.042438e-03	-3.518031e-03	-6.091595e-03	5.647049e-03
## SPNCRNA.202	2.472937e-05	7.222748e-06	-3.151234e-05	4.249416e-05
## SPAC644.14c	7.037230e-04	-2.165980e-03	-1.867933e-03	1.351531e-03
## SPAC644.15	-2.700713e-02	2.102203e-02	3.060161e-02	-1.483014e-02
## SPAC644.16	5.912826e-04	-5.309610e-04	1.384659e-03	9.292940e-03
## SPNCRNA.845	-2.197266e-04	6.037058e-05	9.655489e-05	1.033395e-04
## SPAPB2B4.02	5.876027e-04	-3.103413e-03	-1.630418e-03	-4.264480e-03
## SPAPB2B4.03	6.404888e-03	4.341725e-03	-1.568376e-03	-2.814313e-03
## SPAPB2B4.04c	-6.255620e-04	6.813824e-03	-6.760171e-03	-4.708441e-03
## SPAC6F6.02c	-9.941046e-04	3.152120e-03	5.791428e-03	-4.986411e-03
## SPAC6F6.03c	2.998563e-03	8.493329e-03	-1.591555e-02	3.824565e-03
## SPAC6F6.04c	-2.838148e-03	-2.696391e-04	-4.580991e-04	-7.706479e-04
## SPNCRNA.848	-1.325721e-04	3.480749e-04	-3.277971e-04	-8.516156e-04
## SPAC6F6.08c	-2.128396e-04	-4.370645e-04	-1.195992e-03	-3.887486e-05
## SPAC6F6.09	-1.594980e-03	5.727046e-04	-1.090228e-03	4.751444e-03
## SPAC6F6.10c	-9.198792e-04	-1.936473e-03	-5.615337e-03	-3.074360e-03
## SPAC6F6.11c	-2.124279e-03	2.023264e-03	-1.867316e-03	-5.004313e-04
## SPNCRNA.849	1.546368e-03	-5.038556e-04	-1.702194e-03	-1.897398e-04
## SPAC6F6.13c	2.270602e-03	2.111761e-03	-3.242364e-03	-7.715597e-03
## SPAC6F6.17	-4.169663e-03	8.436013e-03	4.252789e-04	-6.580165e-03
## SPNCRNA.852	-5.453451e-05	-1.263914e-04	1.137339e-04	3.901587e-04
## SPAC1805.03c	4.889415e-04	-1.049652e-03	-1.279208e-03	1.050091e-03
## SPAC1805.04	-3.235377e-03	1.869560e-03	-9.255609e-03	-6.871593e-03
## SPAC1805.05	2.370683e-03	1.842887e-03	-1.623083e-02	-2.761221e-03
## SPSNORNA.52	-1.158518e-03	-7.400247e-03	1.434333e-03	1.148443e-02
## SPAC1805.11c	3.735907e-03	-1.007744e-02	-3.644880e-03	-1.754871e-02
## SPAC1805.14	-7.473383e-04	2.209670e-03	-4.250116e-03	3.552659e-04
## SPAC1805.15c	8.820034e-04	6.986199e-04	-1.150544e-03	-8.008398e-04
## SPAC1805.16c	1.347221e-03	3.222220e-03	-1.277628e-03	-1.249194e-03
## SPNCRNA.208	-1.327859e-04	-1.435724e-05	5.693260e-05	-3.257739e-05
## SPAC1805.17	-2.003792e-02	7.776916e-03	-6.722417e-03	-3.712429e-04
## SPAC1B2.06	6.047299e-04	2.274237e-03	-1.872413e-03	1.598865e-03
## SPAC3F10.02c	-2.276161e-03	1.144583e-03	-1.046760e-02	7.753450e-03
## SPAC3F10.05c	-6.569642e-04	-1.067354e-03	-3.250505e-03	4.965379e-04
## SPAC3F10.07c	-9.234570e-04	-8.507141e-04	1.112608e-04	6.416214e-04

## SPAC3F10.19	-1.380501e-03	-2.219811e-03	-2.779334e-03	9.987569e-04
## SPAC3F10.08c	-4.840319e-04	-2.906178e-03	-8.821511e-04	2.493117e-03
## SPAC3F10.10c	5.182257e-04	1.547876e-04	-6.254283e-04	3.369021e-04
## SPAC3F10.12c	-3.713816e-03	2.338663e-03	2.962585e-03	-1.089033e-03
## SPAC8F11.02c	-1.324168e-03	6.830940e-03	7.428114e-04	4.544067e-04
## SPAC8F11.05c	-4.123411e-04	7.615999e-04	5.027213e-04	2.682860e-04
## SPAC8F11.06	1.825545e-03	1.424523e-03	-1.724206e-03	4.406488e-04
## SPAC8F11.07c	-2.010169e-03	4.583574e-03	2.039725e-03	-3.582249e-03
## SPAC8F11.10c	-6.204872e-03	1.236357e-02	-6.420582e-03	1.781265e-03
## SPACUNK4.13c	-3.379200e-04	4.052626e-03	1.477783e-03	1.233572e-03
## SPACUNK4.10	5.687636e-03	3.491608e-03	4.865485e-03	-2.813583e-03
## SPNCRNA.858	-7.066558e-06	5.492693e-04	-6.624050e-05	3.379354e-04
## SPACUNK4.07c	-3.396527e-03	1.831148e-02	5.400587e-03	-8.958557e-03
## SPACUNK4.06c	-4.086211e-03	1.824432e-03	3.472477e-04	1.794087e-03
## SPAC513.01c	-1.930072e-02	1.960893e-02	-4.841692e-03	1.188990e-02
## SPAC513.02	-2.234705e-03	-1.813567e-03	1.123563e-04	4.669730e-03
## SPAC513.03	-1.348222e-03	-1.550406e-03	-5.634240e-04	8.526045e-04
## SPAC513.05	-9.981395e-04	3.313214e-03	2.507769e-03	3.427356e-04
## SPAC2E1P3.01	-2.358932e-03	1.251362e-03	-1.281260e-03	3.500482e-03
## SPNCRNA.859	3.019651e-04	3.248936e-04	1.765754e-04	-6.331877e-04
## SPAC2E1P3.04	5.255102e-03	-4.088963e-03	-1.030330e-03	-4.096911e-03
## SPAPB2C8.01	2.899731e-03	-6.791587e-03	-6.205625e-04	6.413207e-03
## SPNCRNA.864	-5.027939e-04	2.188654e-03	-6.984198e-04	5.038528e-04
## SPAPB24D3.05c	5.940874e-04	2.635541e-04	4.140631e-05	-5.217081e-04
## SPAPB24D3.06c	1.448227e-03	-3.125585e-03	-2.848631e-03	7.616060e-04
## SPNCRNA.865	-3.510391e-04	-7.037189e-04	-2.321453e-04	1.877164e-04
## SPAPB24D3.08c	6.137590e-03	-3.962147e-03	-1.942838e-03	4.617894e-03
## SPNCRNA.866	1.356576e-03	-2.208390e-03	-1.824420e-03	-2.413642e-03
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-2.157106e-04	5.429536e-04	8.291154e-04	5.571912e-05
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-1.206277e-03	-3.538972e-04	3.026727e-04	6.506174e-04
## SPAPB1A11.03	6.017388e-05	-2.149322e-03	-1.730762e-03	1.945358e-03
## SPAC31G5.01	-3.093078e-04	-9.840642e-04	1.787601e-03	-1.552840e-03
## SPAC31G5.03	1.076569e-02	6.589196e-03	5.949169e-03	-2.223863e-02
## SPAC31G5.05c	-2.015267e-03	1.656008e-04	-1.915451e-02	-5.823614e-03
## SPAC31G5.07	-7.623338e-05	1.881672e-03	1.006395e-03	5.389384e-04
## SPAC31G5.09c	6.359315e-04	-9.732751e-04	-1.063128e-03	1.921735e-03
## SPNCRNA.872	2.750073e-04	2.588154e-04	1.960496e-04	-3.301431e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-3.699736e-04	-2.856715e-03	8.773573e-04	1.187358e-03
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	1.898922e-04	5.221375e-04	1.319429e-04	5.470606e-05
## SPAC31G5.12c	3.084020e-03	-5.339287e-04	1.739223e-03	2.018987e-04
## SPAC31G5.13	-7.136458e-03	1.549403e-02	1.331345e-02	-8.710817e-03
## SPNCRNA.875	-1.198659e-04	-6.097446e-04	5.022399e-04	1.025200e-04
## SPAC31G5.15	-7.780872e-04	-5.267113e-03	-1.064251e-03	-1.195369e-03
## SPAC31G5.17c	1.581312e-02	-4.306777e-02	1.012903e-02	3.967326e-03
## SPAC1786.01c	-1.134476e-02	2.615061e-03	-1.098346e-02	-1.269583e-03
## SPAC1786.04	-7.075489e-05	3.651125e-04	2.309409e-04	-2.884378e-04
## SPNCRNA.878	6.151392e-05	-4.886108e-05	-2.808053e-04	7.474746e-04
## SPAC24C9.03	-5.739700e-04	-7.553769e-03	9.723627e-04	3.739174e-03
## SPAC24C9.16c	-1.125226e-03	3.054103e-03	-1.069806e-03	-2.401014e-03
## SPATRNASER.02	-1.541852e-05	-3.139827e-03	-3.979644e-03	1.157411e-02

## SPAC24C9.06c	-1.501204e-02	-1.987250e-02	-4.157343e-02	-2.734990e-02
## SPNCRNA.879	-2.081896e-05	-7.316228e-04	-1.155747e-04	1.587036e-04
## SPNCRNA.880	9.237984e-04	9.029649e-04	-2.102959e-03	-3.829871e-04
## SPNCRNA.212	-4.704386e-05	5.787384e-05	2.502058e-05	5.175940e-07
## SPAC24C9.09	1.675008e-03	-1.512681e-03	-1.430974e-03	7.042193e-03
## SPAC24C9.13c	1.054140e-03	-1.925926e-03	1.977544e-03	-1.990485e-04
## SPAC24C9.14	2.003289e-03	-7.031830e-04	-2.485540e-03	-2.150384e-03
## SPNCRNA.883	-2.976596e-04	-2.675907e-04	2.786817e-04	1.039146e-04
## SPAC24C9.15c	4.144293e-04	2.081743e-04	2.680174e-04	-4.285984e-04
## SPAC16A10.01	7.985981e-03	7.152378e-04	1.578790e-03	-2.542126e-03
## SPAC16A10.03c	1.415179e-04	1.518700e-03	3.649929e-03	2.828889e-04
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	-1.440275e-04	-1.406657e-05	-2.733302e-04	-3.916094e-04
## SPAC16A10.04	3.099969e-03	-2.442565e-03	-2.531169e-03	1.212313e-04
## SPAC589.02c	-5.614163e-04	2.544679e-03	-3.132515e-04	-5.366578e-03
## SPNCRNA.886	1.316847e-04	5.090900e-04	-6.561343e-05	-2.139532e-05
## SPAC589.04	1.790371e-03	-5.239005e-04	-1.212480e-03	1.083463e-03
## SPAC589.05c	-1.472824e-03	2.349726e-03	3.463810e-03	3.424301e-04
## SPAC589.07c	4.224861e-04	1.042619e-03	3.945441e-04	-4.832547e-05
## SPNCRNA.560	5.826624e-04	5.062258e-04	-1.615672e-03	3.398001e-04
## SPAC589.09	-4.646724e-03	3.508422e-03	6.079056e-03	-4.509580e-03
## SPAC589.10c	7.028816e-02	2.474271e-02	-3.265166e-03	4.914342e-02
## SPAC589.12	7.269175e-03	4.009998e-03	-1.317660e-02	-2.385643e-03
## SPAC688.03c	1.937299e-03	2.628297e-04	-1.823708e-04	3.534210e-04
## SPAC688.04c	7.802583e-04	4.991068e-03	-1.158550e-03	-2.846674e-03
## SPNCRNA.887	1.347339e-03	-8.860810e-04	7.385039e-05	-1.095913e-04
## SPAC688.10	-1.302467e-03	3.798709e-05	-3.431760e-03	4.667902e-03
## SPAC688.11	-1.118694e-02	6.799526e-03	-8.203007e-03	3.740786e-03
## SPAC688.12c	-7.127848e-03	2.770061e-03	-3.865226e-03	-8.545282e-04
## SPAC3G9.16c	9.596593e-04	-2.212995e-03	6.247774e-04	-8.082701e-04
## SPAC3G9.14	7.023006e-04	-2.496043e-03	-3.753664e-03	-1.091070e-04
## SPAC3G9.12	4.689171e-04	-1.416781e-03	-6.431034e-03	2.439359e-04
## SPATRNAALA.03	-6.581079e-03	-4.301504e-03	-2.858716e-03	6.172783e-03
## SPAC3G9.10c	-1.491407e-04	9.954878e-04	1.686024e-03	-8.599124e-04
## SPRRNA.14	2.600089e-02	-2.623220e-03	-2.426096e-02	-4.114447e-02
## SPAC3G9.08	-2.655450e-03	3.475038e-04	-1.168029e-04	9.139101e-04
## SPAC3G9.05	2.509932e-04	2.189638e-03	-4.416444e-03	3.990063e-03
## SPAC3G9.04	-1.952654e-05	-2.009645e-03	-1.191505e-03	3.882920e-04
## SPNCRNA.893	5.797029e-02	-5.260875e-02	5.168820e-02	1.459187e-02
## SPNCRNA.87	1.788120e-04	-3.766886e-04	-2.136821e-04	3.927403e-04
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	1.064487e-03	-2.234304e-04	-1.247863e-03	1.768229e-03
## SPAC1486.02c	-1.661165e-03	7.163592e-03	-2.154911e-03	3.490620e-04
## SPAC1486.03c	1.993050e-03	2.310533e-03	1.028975e-03	2.835470e-03
## SPNCRNA.14	-2.555406e-04	-1.755418e-04	7.315965e-05	9.966528e-05
## SPAC1486.04c	-4.798409e-03	8.337276e-03	-5.890460e-03	-2.989189e-04
## SPAC1486.06	-4.219250e-03	6.623288e-03	7.085463e-03	3.832724e-03
## SPNCRNA.895	-3.844658e-04	-5.358100e-04	3.286015e-05	-1.512400e-04
## SPAC1486.09	-3.481398e-03	-2.519613e-03	5.459059e-03	1.547743e-03
## SPAC6G10.06	4.502258e-05	-4.924572e-06	-6.670068e-05	-3.095773e-05
## SPAC6G10.11c	1.252065e-01	1.068625e-02	1.774281e-02	6.958587e-02
## SPAC6G10.12c	3.144534e-04	-5.393201e-04	-6.260302e-04	5.772318e-04
## SPNCRNA.897	2.540105e-04	3.722506e-04	-2.445085e-04	-4.522157e-04
## SPAC6G9.01c	2.387804e-03	-2.681964e-04	2.663545e-03	-4.387021e-04

## SPAC6G9.04	-2.466033e-03	1.911127e-03	-1.298083e-03	-4.813779e-04
## SPAC6G9.05	1.504631e-04	6.221134e-03	-1.512026e-04	-1.863441e-03
## SPAC6G9.06c	-2.910553e-04	3.454410e-03	-2.255933e-03	3.547037e-05
## SPNCRNA.898	1.034762e-04	-3.475689e-04	5.788357e-05	-4.777644e-04
## SPAC6G9.07c	1.301196e-03	-3.536055e-03	-1.584494e-03	1.742013e-03
## SPAC6G9.08	-6.105169e-03	-5.500013e-03	4.249381e-03	-7.159969e-03
## SPAC6G9.10c	-1.871159e-02	2.056224e-02	3.061327e-03	-9.548244e-03
## SPAC6G9.11	4.864731e-05	1.011970e-03	-1.816904e-03	-5.755979e-03
## SPAC6G9.13c	1.238806e-05	-2.762372e-04	6.339133e-05	-5.515232e-04
## SPAC6G9.14	5.608764e-04	2.257089e-03	5.738478e-03	1.260673e-03
## SPAC6G9.16c	3.138469e-04	5.475198e-05	-1.822279e-03	-1.064353e-03
## SPAPB1E7.02c	2.178445e-04	-1.312782e-03	-2.676312e-03	-3.152507e-03
## SPAPB1E7.05	1.735350e-03	3.981363e-04	1.028201e-02	-1.275920e-02
## SPAPB1E7.08c	1.842024e-03	-3.285802e-03	-2.786353e-03	5.002144e-03
## SPAPB1E7.09	3.849016e-03	7.338043e-03	-6.797852e-03	-3.092219e-03
## SPAPB1E7.11c	3.092241e-03	1.833903e-03	-1.228999e-03	2.231728e-03
## SPAPB1E7.12	2.251397e-03	-8.747092e-03	2.460179e-02	2.400279e-02
## SPAPB1E7.14	2.088187e-03	1.776448e-03	1.771208e-03	-7.131299e-04
## SPAC2E1P5.02c	1.093875e-03	1.273348e-03	-2.873113e-03	-2.214793e-03
## SPAC2E1P5.04c	-3.194834e-03	3.067913e-04	-1.496593e-03	6.278298e-04
## SPAC26A3.01	-1.507432e-02	8.750200e-03	-1.450668e-02	3.044663e-02
## SPAC26A3.03c	-7.171412e-04	-1.790972e-04	2.691363e-03	2.185642e-03
## SPAC26A3.04	-2.255268e-02	-2.213637e-02	-1.484731e-02	9.374931e-03
## SPAC26A3.06	-2.836396e-03	-3.145659e-04	1.259039e-03	-2.087070e-03
## SPAC26A3.07c	-2.649248e-03	1.172740e-02	-1.746694e-02	-5.739515e-03
## SPAC26A3.12c	9.370794e-03	-5.844757e-04	-4.488636e-03	-5.735378e-03
## SPAC26A3.11	-3.600988e-03	8.782606e-03	2.244611e-03	5.808871e-03
## SPAC26A3.14c	-1.077710e-03	6.307320e-04	-2.083277e-03	8.106356e-04
## SPAC26A3.16	4.132514e-03	3.573395e-03	4.480006e-05	5.970573e-04
## SPAC26A3.17c	-4.885798e-03	-4.709334e-03	6.380490e-03	-1.785695e-03
## SPNCRNA.902	-5.984243e-04	5.661661e-05	-7.232343e-05	-1.693212e-04
## SPAC8E11.10	1.379017e-02	1.083760e-02	-1.177898e-02	4.788721e-03
## SPAC8E11.07c	-6.632163e-05	2.740086e-03	-4.718700e-04	-1.338970e-03
## SPAC8E11.05c	-7.174434e-04	4.850176e-03	-3.186699e-03	-2.982806e-03
## SPNCRNA.905	5.088761e-05	-2.225809e-05	-3.618659e-05	-2.530998e-04
## SPAC8E11.01c	-2.123945e-03	-9.214507e-04	8.265633e-04	2.070444e-04
## SPAC959.04c	1.662474e-03	-3.969642e-03	-2.291318e-03	5.426399e-03
## SPAC959.10	2.773408e-04	-1.115800e-03	1.963170e-03	1.483746e-04
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-1.112694e-04	1.327114e-03	-1.699850e-05	-1.518817e-04
## SPAC959.08	-2.846803e-02	1.872419e-02	4.731031e-03	4.078874e-02
## SPNCRNA.907	1.424935e-03	-1.459573e-03	-1.385020e-03	9.149480e-04
## SPAC3H5.12c	1.969179e-02	7.948807e-02	-6.862323e-02	-2.432768e-02
## SPAC3H5.11	2.107554e-04	4.453291e-03	4.132890e-05	1.304366e-03
## SPAC3H5.13	7.473246e-04	1.789229e-03	2.548907e-03	-1.083704e-04
## SPAC3H5.09c	-3.655359e-03	4.683674e-03	-1.763448e-02	-4.213109e-03
## SPAC3H5.07	1.769225e-03	3.454105e-02	7.080678e-03	-9.282108e-03
## SPAC3H5.04	-1.722648e-03	2.918246e-03	-1.650363e-03	-8.183683e-04
## SPAC3H5.05c	-1.796425e-03	3.251016e-03	-3.237011e-03	5.491072e-03
## SPAC3A11.14c	1.327382e-03	9.719902e-06	-4.424038e-03	1.712282e-03
## SPNCRNA.561	-1.792688e-04	-1.964563e-04	5.255225e-05	9.173545e-05
## SPATRNAARG.01	4.729363e-03	-1.004910e-03	1.471390e-03	-3.882768e-03
## SPNCRNA.908	-2.415339e-04	7.374053e-04	-6.620260e-04	-4.741506e-04
## SPAC3A11.11c	-6.451272e-04	3.030515e-03	-1.697211e-03	2.369651e-03

## SPAC3A11.08	-2.138234e-03	8.801140e-03	-3.094275e-03	3.103415e-03
## SPAC3A11.07	5.739283e-03	-4.693759e-03	-2.754506e-03	4.649606e-03
## SPAC3A11.06	9.203506e-04	1.656831e-04	-2.181835e-03	3.496668e-04
## SPAC328.01c	1.471540e-03	-2.092588e-03	-1.002172e-02	-8.726727e-03
## SPAC328.02	4.183464e-03	5.464270e-03	1.136559e-03	-2.443821e-03
## SPNCRNA.911	-2.461058e-04	-5.494027e-04	-3.898225e-04	-4.463993e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	-2.579964e-02	-7.623741e-03	-5.082188e-03	1.179517e-02
## SPAC328.07c	1.354520e-03	-6.365305e-03	-3.240871e-03	3.181588e-03
## SPAC328.09	1.990754e-03	-4.228517e-04	-2.198481e-03	-1.038382e-03
## SPNCRNA.912	-2.838269e-05	-3.664145e-06	-1.639872e-04	2.769158e-05
## SPNCRNA.913	-8.480240e-05	-3.079834e-04	-6.326009e-07	-7.691454e-05
## SPAC16E8.01	-2.294297e-03	-5.317418e-03	-9.269733e-03	4.197186e-03
## SPAC16E8.04c	-5.796457e-03	4.508499e-03	-5.560305e-03	-1.006499e-03
## SPNCRNA.914	-7.122216e-04	1.552075e-04	1.265307e-03	-6.809873e-04
## SPNCRNA.562	-2.503854e-04	1.402627e-05	-2.536077e-04	2.852131e-04
## SPAC16E8.08	1.690723e-04	-9.384291e-04	3.360077e-04	1.084795e-03
## SPAC16E8.10c	8.662936e-05	1.671510e-03	-3.152745e-03	-1.175897e-04
## SPAC16E8.11c	-2.326964e-03	2.658300e-03	-1.415331e-03	2.643386e-03
## SPAC16E8.18	2.774040e-04	7.262053e-04	-1.888446e-04	1.481238e-03
## SPAC16E8.12c	-3.339662e-04	-4.009751e-04	-3.400945e-05	4.161486e-04
## SPAC16E8.14c	2.101300e-03	2.445863e-03	-2.618032e-03	1.530454e-03
## SPAC16E8.16	3.574771e-03	2.922741e-03	-3.360863e-03	-2.287540e-03
## SPAC16E8.17c	1.474514e-03	-1.171287e-03	-3.653626e-03	-1.830613e-03
## SPAC1B1.02c	6.263298e-04	1.055640e-03	-3.499310e-03	-1.093503e-03
## SPAC1B1.03c	1.556768e-03	1.928343e-02	-7.254081e-04	-1.349478e-02
## SPAC1B1.04c	-1.888791e-03	5.835773e-03	6.565327e-04	-2.366289e-03
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-7.381078e-04	2.381189e-04	-7.766762e-04	6.913499e-04
## SPAC17A2.03c	-9.839634e-03	1.304780e-02	-1.741054e-03	-7.357370e-03
## SPNCRNA.917	2.656761e-05	2.651978e-05	-7.421554e-06	-1.633496e-05
## SPNCRNA.918	-9.441979e-05	-6.590455e-04	3.146673e-04	3.007663e-04
## SPAC17A2.12	-5.451075e-04	2.052258e-03	-1.856738e-03	3.470158e-03
## SPAC17A2.13c	-9.225883e-04	1.387839e-02	1.240766e-02	1.232826e-02
## SPNCRNA.919	-1.721435e-04	2.133001e-04	-8.318454e-05	1.374417e-04
## SPAC17A2.14	8.573947e-03	1.750116e-03	-8.769514e-03	4.829122e-03
## SPNCRNA.600	6.230306e-04	-3.155834e-04	-2.368289e-04	-5.903143e-04
## SPAC17G6.07c	-1.125709e-03	3.230120e-03	-3.934316e-04	-1.568487e-03
## SPAC17G6.09	-3.743164e-03	-7.538322e-03	-1.061768e-03	-3.550694e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	-1.423609e-04	-5.927801e-03	-1.652726e-03	-4.405413e-04
## SPNCRNA.922	4.757783e-04	-2.163715e-04	1.449464e-04	-7.280791e-04
## SPAC1142.03c	-1.405747e-03	2.833788e-03	1.603753e-03	-3.889924e-03
## SPRRNA.16	-6.985891e-03	-1.626040e-03	-2.206129e-03	-4.509135e-03
## SPNCRNA.924	8.644220e-07	2.445388e-05	2.836133e-05	4.403977e-05
## SPAC8C9.03	-4.609631e-03	-7.814898e-03	4.542546e-03	6.692680e-03
## SPAC8C9.05	-2.066741e-03	-2.366906e-03	-3.020750e-03	7.347426e-04
## SPAC8C9.06c	3.438409e-03	-3.712064e-03	-6.828016e-03	-3.980782e-03
## SPAC8C9.10c	7.043767e-04	-6.735097e-04	1.194763e-03	-5.683174e-03
## SPAC8C9.16c	1.846415e-03	2.265438e-04	-2.837141e-03	4.471806e-04
## SPAC15A10.01	3.242042e-03	-1.311513e-03	-2.453135e-03	6.024384e-03
## SPAC8C9.17c	1.150590e-03	1.276423e-03	-8.412876e-04	2.709845e-03
## SPAC15A10.02	-7.778603e-04	8.736690e-03	1.130802e-03	-7.665658e-03
## SPAC15A10.03c	-4.942755e-03	1.596416e-03	-1.296795e-03	-2.002044e-03

## SPAC15A10.04c	8.636293e-03	2.027572e-03	-1.111664e-02	-4.161513e-03
## SPAC15A10.05c	-1.826443e-03	-1.303257e-03	-6.379279e-05	8.813628e-05
## SPAC15A10.07	2.872636e-03	-5.665612e-04	-1.969256e-03	-8.721319e-04
## SPAC15A10.10	1.747766e-03	-3.127564e-03	-3.010313e-04	-1.889955e-03
## SPATRNAPHE.01	-1.127915e-02	-3.320128e-03	-1.363323e-02	2.629902e-02
## SPATRNAVAL.04	-1.275219e-02	1.467050e-02	-3.952896e-03	6.077148e-03
## SPNCRNA.929	-1.352338e-04	1.456129e-04	2.860263e-04	-1.421440e-04
## SPAC15A10.15	-1.778769e-03	8.439183e-04	-3.973471e-03	-2.259103e-03
## SPAC15A10.16	1.747569e-03	-1.181006e-03	1.723681e-03	-9.588141e-06
## SPAC15E1.02c	-6.869457e-04	8.772463e-03	-3.561467e-04	2.654406e-03
## SPAC15E1.04	-4.138139e-03	2.247746e-03	-7.519745e-03	1.519566e-03
## SPAC15E1.06	2.301131e-03	2.446419e-03	4.629902e-03	1.446664e-03
## SPAC15E1.07c	-1.784226e-04	-2.613654e-05	-2.594729e-04	7.899377e-05
## SPAC15E1.08	2.070750e-03	3.385924e-03	-6.829759e-04	2.712467e-03
## SPNCRNA.931	-3.150502e-04	2.150653e-04	4.242059e-04	-2.653381e-04
## SPNCRNA.524	-1.721929e-04	1.357436e-04	-1.297918e-04	-1.728053e-05
## SPAP7G5.03	1.571068e-03	-8.720266e-04	-5.206506e-03	-5.672182e-04
## SPAP7G5.04c	-1.407667e-02	-4.553946e-02	-2.937634e-02	5.704800e-03
## SPNCRNA.933	2.782383e-04	-7.467248e-05	4.153539e-05	2.232489e-04
## SPAP7G5.06	-3.687993e-03	5.678637e-03	-9.989902e-03	-2.101821e-03
## SPATRNAPHE.02	-2.074826e-02	-2.457841e-02	2.884528e-02	-1.675269e-02
## SPATRNAALA.04	4.175705e-04	-2.636832e-04	-9.183145e-04	1.346602e-03
## SPATRNAGLU.03	-5.583049e-03	5.853259e-03	-5.458387e-03	4.759501e-03
## SPATRNAILE.04	1.104462e-04	4.772455e-04	3.657674e-04	-3.919332e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	5.487527e-06	-2.122889e-04	-5.678089e-05	-1.008790e-04
## SPAP4C9.02	8.926135e-04	-2.933972e-03	-1.163782e-04	4.465813e-04
## SPNCRNA.936	-3.759156e-04	-2.468817e-04	-4.306831e-05	6.247256e-04
## SPAC1556.02c	8.475061e-03	7.438758e-03	-1.671878e-03	-1.896829e-02
## SPAC1556.06	-2.696185e-04	1.191926e-03	-1.457797e-03	-2.960125e-04
## SPAC1556.07	3.743894e-02	3.545421e-03	-2.021177e-02	-1.027028e-02
## SPAC1556.08c	-2.465349e-03	-1.357117e-03	2.656123e-04	-3.406243e-03
## SPAC1F12.06c	1.000751e-03	1.500246e-03	1.493023e-03	-2.938633e-04
## SPAC1F12.08	9.715647e-04	2.123914e-03	-9.148487e-04	-1.406901e-03
## SPAC1F12.09	-3.149724e-03	1.210160e-03	-3.378692e-03	-3.552898e-03
## SPAC1F12.10c	-2.264238e-03	4.118051e-03	1.195277e-03	-3.015559e-03
## SPAC4H3.17	2.597862e-04	-9.898449e-05	-1.534881e-06	-3.681747e-05
## SPAC4H3.02c	4.419735e-04	3.197287e-04	-5.987433e-04	-1.203395e-03
## SPNCRNA.938	-5.151875e-04	-6.505050e-05	1.867249e-04	-1.208086e-04
## SPRRNA.17	-8.807222e-03	5.744338e-03	-2.167950e-03	-7.300833e-03
## SPAC4H3.04c	8.814125e-04	1.474662e-03	3.842488e-04	-6.612056e-04
## SPAC4H3.05	8.490317e-06	1.518426e-03	-1.602841e-03	7.018277e-04
## SPAC4H3.16	1.831899e-03	2.485853e-04	-1.374934e-03	1.307973e-03
## SPNCRNA.939	1.541701e-03	4.101105e-04	1.201534e-03	1.100895e-03
## SPAC4H3.07c	2.214594e-03	3.252040e-03	2.767041e-03	4.236648e-03
## SPNCRNA.940	2.701748e-06	-7.211069e-05	5.420588e-04	6.713682e-05
## SPAC4H3.08	-6.882098e-03	4.200062e-04	1.119551e-03	2.961107e-03
## SPAC4H3.10c	-3.409932e-02	6.237876e-02	-1.030177e-02	-6.642941e-02
## SPAC4H3.11c	-1.966053e-03	5.922371e-03	-1.590564e-03	2.109529e-03
## SPAC4H3.13	2.197674e-03	-1.661496e-03	-4.354248e-03	-2.561842e-03
## SPAC4H3.14c	1.474224e-03	4.145779e-04	2.168752e-03	6.844832e-04
## SPAC1071.04c	-9.640393e-04	-3.711017e-03	9.236295e-04	1.746908e-04
## SPAC1071.07c	-3.355856e-02	-4.421878e-02	1.032047e-02	2.184404e-02

## SPAC1071.09c	-2.312994e-03	3.301331e-03	2.722948e-03	-5.322471e-04
## SPNCRNA.92	-7.447335e-06	-1.713220e-06	1.112967e-05	1.232524e-05
## SPNCRNA.944	2.666991e-04	6.918086e-04	2.674678e-04	-1.379172e-03
## SPAC1071.11	-5.053734e-05	1.568083e-03	1.794752e-03	-1.309692e-03
## SPNCRNA.947	1.411422e-04	1.534809e-03	1.983598e-04	-2.575388e-04
## SPAC926.06c	-4.468231e-03	-1.879096e-03	-2.887769e-03	-2.258013e-03
## SPAC926.07c	-9.866040e-04	1.258602e-03	-2.836083e-03	7.758753e-04
## SPAC926.08c	-1.306346e-03	-4.068717e-04	6.751582e-03	4.698530e-03
## SPAC323.02c	-2.526252e-03	1.306000e-02	3.722448e-03	2.889817e-03
## SPAC323.03c	-2.070978e-03	3.245431e-03	-3.272322e-03	-8.608123e-04
## SPAC323.04	-3.059776e-03	6.058192e-03	7.002686e-04	6.172385e-04
## SPAC323.05c	-1.524154e-03	2.171645e-03	-2.926039e-03	-1.188280e-03
## SPAC323.08	3.691772e-04	7.588087e-04	1.527223e-04	-6.323345e-04
## SPAC2F3.01	-5.531155e-03	3.824316e-04	-2.577387e-03	2.858906e-03
## SPAC2F3.17c	-5.095731e-05	-4.515756e-03	-9.922370e-04	2.009090e-03
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	6.896242e-03	1.408373e-02	-2.297473e-03	-6.013365e-03
## SPAC2F3.10	-1.030111e-04	9.247052e-03	-5.961186e-03	-2.277371e-03
## SPAC2F3.13c	2.894025e-03	5.436745e-03	-2.734058e-03	4.047705e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	-2.632497e-04	8.805991e-04	-6.592677e-04	-1.379688e-03
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	2.491116e-03	-2.714663e-03	-2.327247e-03	-4.667460e-03
## SPAC2F3.16	-1.166250e-03	1.568877e-03	-1.759543e-04	-1.657743e-03
## SPAC11G7.05c	9.255523e-05	-9.985170e-05	-2.498831e-05	2.690386e-03
## SPAC11G7.06c	-4.527232e-04	2.524506e-03	-1.714544e-03	-1.203528e-03
## SPNCRNA.952	-9.936340e-04	-6.073981e-04	-3.174574e-04	5.664364e-04
## SPAPB18E9.02c	-3.007065e-03	3.257366e-03	-8.618415e-04	6.308177e-04
## SPNCRNA.953	-8.365051e-04	-1.644489e-03	6.018701e-04	3.080336e-04
## SPAPB18E9.04c	2.390220e-03	-1.268228e-03	-1.218050e-03	1.492825e-03
## SPNCRNA.954	-6.344666e-04	-7.703629e-04	1.640556e-04	-1.630621e-03
## SPAPB15E9.06	-1.092745e-03	-5.739122e-04	-8.111780e-04	4.360883e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-4.622042e-03	-1.303489e-04	-1.348121e-03	5.035221e-04
## SPNCRNA.955	-2.810360e-04	6.805748e-04	3.614988e-04	-5.313985e-04
## SPAC27E2.03c	-1.451715e-04	4.116573e-03	2.531595e-03	-1.382577e-02
## SPAC27E2.11c	-5.707196e-05	1.012415e-04	-6.897908e-05	1.082685e-04
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	4.972419e-05	6.753416e-04	-5.932545e-05	6.697404e-05
## SPAC27E2.12	6.289267e-05	2.885247e-04	3.479221e-04	-5.966777e-05
## SPAC27E2.06c	3.620904e-03	-1.881604e-03	-6.642421e-04	8.716032e-04
## SPAC27E2.07	1.354052e-03	2.140366e-03	1.369062e-03	-2.728043e-03
## SPAC27E2.08	1.201452e-05	2.003063e-04	-1.973149e-04	1.544296e-04
## SPAPJ698.02c	2.744465e-03	-1.752817e-02	8.830196e-04	-7.170177e-03
## SPAC19G12.01c	1.030246e-03	-3.507693e-04	-7.390640e-04	-3.575570e-05
## SPAC19G12.03	2.876109e-04	1.153644e-03	-5.660703e-05	-1.637611e-03
## SPNCRNA.956	2.562618e-05	3.349897e-04	7.570136e-05	3.802272e-04
## SPAC19G12.05	2.484390e-04	2.452384e-03	-3.796292e-03	4.923769e-03
## SPAC19G12.10c	2.724628e-02	4.148603e-02	-4.579657e-02	2.509917e-03
## SPAC19G12.17	9.337002e-04	1.218066e-03	-2.351784e-03	-7.020716e-04
## SPAC19G12.11	1.368747e-04	4.556648e-03	6.141552e-04	8.012122e-03
## SPAC19G12.12	-7.897492e-05	-1.730465e-03	-1.723728e-03	-1.294710e-04
## SPAC19G12.15c	1.937410e-03	1.335583e-02	3.848896e-03	-1.289799e-02

## SPAC19G12.16c	5.263584e-03	3.647849e-03	5.290961e-03	-1.612785e-02
## SPAC23A1.02c	-3.193377e-03	4.118751e-03	-3.387964e-03	1.291663e-03
## SPAC23A1.03	-1.200138e-02	1.862792e-02	-1.490002e-03	-7.803855e-03
## SPAC23A1.04c	6.906182e-04	-2.369746e-04	-8.646200e-04	7.872841e-04
## SPAC23A1.05	-1.084381e-03	5.018423e-04	7.233062e-05	8.301304e-03
## SPAC23A1.06c	1.136740e-03	1.931662e-03	1.219556e-03	-2.006106e-04
## SPAC23A1.09	-4.121503e-04	1.353409e-03	-3.642243e-03	1.672798e-03
## SPNCRNA.957	1.106043e-04	-3.281202e-04	1.317832e-05	2.795586e-04
## SPAC23A1.11	-2.553680e-02	1.497234e-02	-8.764763e-03	8.512340e-05
## SPAC23A1.12c	1.424600e-02	-5.267170e-04	7.372845e-03	8.526452e-03
## SPNCRNA.958	8.246325e-04	-3.223555e-03	1.338552e-03	3.841614e-04
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	-1.884020e-03	2.018388e-03	-1.557154e-03	-8.858470e-05
## SPAC23A1.17	-2.987943e-03	7.151834e-04	-1.141519e-03	-3.253892e-03
## SPAC23A1.18c	1.390151e-03	2.572507e-03	-3.370873e-03	4.515102e-05
## SPAC23A1.19c	-6.354621e-03	1.773270e-03	-4.313148e-03	-3.589717e-03
## SPAC26H5.02c	-1.122982e-03	4.518696e-04	-2.723051e-03	-6.111910e-04
## SPAC26H5.03	-2.016756e-03	-3.647031e-04	1.551108e-03	-2.445314e-04
## SPNCRNA.959	1.927836e-04	3.058836e-04	6.443143e-04	-9.316797e-05
## SPNCRNA.960	-1.121003e-04	9.705251e-05	-2.659301e-04	-7.693202e-04
## SPAC26H5.05	2.649349e-03	3.394644e-03	2.468245e-03	4.180421e-03
## SPAC26H5.06	-3.183321e-04	-9.249772e-04	4.449459e-04	5.105610e-03
## SPNCRNA.963	4.971894e-04	4.174718e-04	5.513776e-04	3.603636e-05
## SPAC26H5.11	1.455186e-03	-2.495256e-03	-6.950655e-03	6.742531e-04
## SPAC26H5.12	-2.160627e-03	1.065518e-02	-6.181949e-04	-5.761076e-03
## SPAC26H5.13c	-4.346896e-03	3.887505e-03	1.061644e-03	-7.124195e-04
## SPAC25B8.01	-9.942934e-04	1.915926e-03	-4.146046e-03	-5.750423e-05
## SPAC25B8.06c	-1.341100e-03	1.620912e-03	-3.906572e-03	1.448574e-04
## SPAC25B8.08	-2.971414e-03	-3.988134e-03	-2.193093e-03	1.446665e-03
## SPNCRNA.966	4.518673e-04	1.041100e-03	-2.968829e-04	-6.786120e-04
## SPAC25B8.09	-2.343580e-03	-5.145477e-03	-2.557141e-04	1.637758e-03
## SPAC25B8.12c	1.329847e-03	5.158316e-03	-9.542149e-03	-3.066341e-02
## SPAC25B8.17	-1.119935e-03	-5.406092e-04	-3.966196e-03	1.510961e-04
## SPAC25B8.18	-1.696011e-05	5.056017e-04	-1.828517e-03	-1.678090e-03
## SPAC25B8.19c	2.041477e-03	6.333210e-04	6.206853e-04	-1.086101e-03
## SPAC683.03	1.168261e-04	-1.328011e-04	-5.862573e-05	9.524100e-05
## SPNCRNA.969	-8.722835e-04	-7.197782e-04	1.593668e-03	6.567254e-04
## SPAC683.02c	-7.111618e-04	-5.819383e-03	-2.501440e-03	5.448948e-04
## SPAC694.02	2.618575e-03	4.519570e-02	-3.325670e-02	-2.197606e-02
## SPAC694.05c	-4.124694e-02	-1.318018e-02	-4.732342e-02	2.846607e-02
## SPAC694.06c	-2.851925e-03	-9.325719e-04	-7.770194e-04	-2.061239e-03
## SPAC1F7.01c	-2.491225e-03	1.220996e-02	-1.373642e-02	-1.103416e-02
## SPAC1F7.14c	1.689917e-03	-1.473750e-04	-5.004206e-04	5.037005e-04
## SPAC1F7.04	-7.400404e-03	-7.955313e-03	5.027421e-03	-3.282199e-03
## SPAC1F7.05	9.912581e-03	-3.539154e-02	2.547875e-02	-3.043946e-02
## SPNCRNA.973	5.716427e-04	2.315214e-04	-5.939568e-04	-2.630417e-04
## SPNCRNA.243	-1.227888e-04	-1.266073e-04	6.387547e-06	-1.179832e-04
## SPAC1F7.08	3.103118e-02	1.523728e-02	3.225493e-02	5.534784e-02
## SPAC1F7.09c	-7.020346e-04	-1.095611e-05	-3.302017e-03	-1.885251e-03
## SPAC1F7.13c	7.369763e-02	-5.728550e-02	2.243844e-02	9.675774e-02
## SPAC21E11.04	1.057050e-03	2.739655e-03	1.589510e-04	3.215156e-04
## SPAC21E11.06	3.065965e-04	-1.448023e-03	6.329941e-03	-5.146757e-03
## SPNCRNA.13	-2.230484e-04	-2.810029e-04	-1.296920e-04	1.210620e-04
## SPAC21E11.07	2.859691e-03	-3.274311e-04	-4.155909e-03	-5.245179e-04

## SPAC2C4.03c	-1.035426e-03	-2.072108e-03	2.268611e-04	1.607028e-03
## SPAC2C4.04c	-1.813212e-03	2.016999e-03	-1.105513e-03	-2.596578e-03
## SPNCRNA.98	1.978692e-02	-3.488936e-02	2.987455e-02	1.590579e-02
## SPAC2C4.07c	7.411931e-04	-2.814823e-03	-4.036634e-03	7.367055e-04
## SPAC2C4.09	4.786209e-04	-4.121111e-04	5.795487e-05	2.753840e-04
## SPAC2C4.10c	1.071628e-03	-1.347017e-04	-2.623242e-03	2.192998e-04
## SPAC2C4.13	-3.068909e-04	-2.183669e-03	-3.691545e-03	-5.237503e-03
## SPAC2C4.17c	-1.875536e-03	-8.993673e-03	1.802088e-02	1.289400e-02
## SPAC25G10.02	3.257111e-04	-7.438627e-04	-9.497360e-04	-1.458592e-03
## SPAC25G10.03	-1.069192e-03	-1.677784e-03	4.362869e-03	-3.490035e-04
## SPAC25G10.04c	-1.422307e-03	-9.855976e-04	-2.278402e-03	2.544149e-04
## SPAC25G10.08	4.719772e-03	-5.831850e-02	-1.500669e-02	-1.709643e-02
## SPAC27F1.05c	9.683383e-04	1.403196e-03	-3.115316e-03	1.347232e-03
## SPNCRNA.977	1.202095e-03	2.599160e-04	-1.851958e-04	-2.247464e-04
## SPAC27F1.10	3.553663e-04	-5.728714e-04	2.566943e-04	7.861412e-04
## SPNCRNA.978	-1.193580e-04	5.728343e-04	-2.269852e-04	2.333333e-04
## SPAC27F1.06c	-6.645044e-03	1.611174e-03	5.251970e-03	3.207539e-03
## SPAC23D3.04c	1.057494e-02	1.088094e-02	-3.385011e-03	-3.810263e-03
## SPAC23D3.05c	2.312781e-03	-3.660067e-03	1.656291e-03	-1.901872e-05
## SPAC23D3.06c	-1.613857e-03	-4.603030e-03	1.730377e-03	-3.227653e-03
## SPAC23D3.07	2.951042e-03	1.979928e-02	6.603310e-03	4.008097e-03
## SPAC23D3.09	1.497863e-03	3.362178e-03	-2.568521e-03	2.946234e-04
## SPAC23D3.10c	4.050695e-03	-2.356322e-03	-7.752308e-03	-7.323423e-03
## SPNCRNA.244	1.361586e-04	-1.770701e-04	5.583884e-05	-1.945676e-04
## SPAC23D3.12	1.018304e-03	5.129893e-03	-3.202459e-02	-3.896383e-03
## SPAC23D3.16	-1.141516e-03	-4.413687e-05	-6.492912e-04	-1.965024e-04
## SPAC23D3.13c	2.167044e-03	7.621798e-03	-8.484646e-03	-6.094455e-03
## SPAC23D3.14c	1.921833e-03	6.807749e-04	-1.170576e-03	-2.437174e-04
## SPNCRNA.982	-1.118380e-03	3.006841e-03	-7.231710e-04	-3.740490e-04
## SPAC1527.01	-5.056377e-03	-1.832116e-03	-3.207924e-03	4.629533e-03
## SPAC1527.02	1.632802e-04	-9.387635e-04	-2.250454e-03	3.221330e-04
## SPAC1527.03	5.119532e-05	6.403358e-03	5.191566e-04	1.277054e-03
## SPAC30.03c	2.863098e-03	1.606624e-04	-9.266878e-04	3.608455e-03
## SPNCRNA.983	4.493006e-05	-1.030310e-04	-1.672793e-04	2.840997e-05
## SPNCRNA.984	-1.946174e-04	9.777328e-04	1.106754e-03	6.220733e-05
## SPNCRNA.246	-6.894341e-05	-6.702847e-05	-1.395187e-05	-4.954861e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	-1.416206e-03	2.390784e-03	-4.226351e-04	-1.861425e-03
## SPAC29E6.06c	7.273306e-04	-6.985125e-03	-1.546685e-02	6.788296e-03
## SPAC29E6.09	9.183623e-04	3.006253e-03	-2.223485e-03	9.530401e-04
## SPAC29E6.10c	-3.604622e-03	-2.427687e-03	-1.578697e-02	4.111476e-04
## SPAC16.02c	4.310420e-03	-9.161309e-03	-6.460266e-03	-3.010930e-03
## SPNCRNA.247	-1.185538e-04	1.378336e-04	-7.588903e-06	-4.351136e-05
## SPAC16.04	-3.683678e-03	3.032169e-03	-7.086859e-03	1.878054e-03
## SPNCRNA.99	-1.351082e-03	-4.916307e-04	1.187794e-03	1.530732e-03
## SPAC9E9.02	-7.272510e-04	-1.815794e-03	-1.322342e-03	5.871128e-04
## SPNCRNA.988	-2.022645e-04	1.077066e-03	9.153146e-04	-2.021886e-04
## SPAC9E9.05	3.804343e-04	-3.117601e-04	1.262198e-03	-1.699673e-03
## SPAC9E9.06c	-2.310396e-03	1.575366e-02	8.909065e-03	-8.063193e-03
## SPAC9E9.07c	-3.976218e-03	4.506725e-03	-5.173044e-03	2.575029e-04
## SPAC9E9.08	-3.714513e-03	7.360905e-04	-2.506175e-03	-5.856244e-04
## SPNCRNA.990	-9.455394e-05	-6.942352e-04	-6.684699e-04	1.382313e-04
## SPAC9E9.10c	-2.046821e-03	-2.035862e-03	-4.536313e-03	-1.592672e-03
## SPAC9E9.11	2.602150e-02	-1.064642e-03	4.374323e-04	9.512467e-03

## SPAC9E9.12c	-2.499702e-04	2.176541e-03	-1.583706e-03	3.605923e-03
## SPAC9E9.13	3.569733e-02	2.864306e-04	-7.294173e-03	-1.818630e-02
## SPAC9E9.14	-8.024520e-04	3.955250e-03	8.803656e-04	-8.961119e-04
## SPAC17C9.16c	5.898912e-03	2.742927e-03	-1.846315e-04	1.219243e-04
## SPAC17C9.15c	-2.344963e-03	1.405953e-03	-3.771151e-04	2.587826e-04
## SPAC17C9.13c	-1.895523e-03	5.786236e-03	-7.694677e-03	2.629798e-03
## SPAC17C9.12	-4.088894e-03	5.037393e-03	-1.108595e-03	1.827443e-03
## SPAC17C9.11c	-1.388913e-03	-2.355165e-03	-8.783305e-04	1.820204e-03
## SPAC17C9.09c	2.101246e-04	8.112096e-03	8.781730e-03	-5.450527e-03
## SPAC17C9.08	-6.399867e-03	-2.903036e-03	-4.088317e-03	-1.519409e-03
## SPAC17C9.06	-2.511799e-03	-9.880153e-05	-9.168017e-04	2.164813e-03
## SPAC17C9.03	9.982673e-03	-2.545410e-02	-9.496017e-03	8.157357e-03
## SPAC17C9.02c	-1.312849e-03	-3.014259e-03	-9.398059e-05	2.543389e-04
## SPAC1851.02	-5.275186e-03	2.031951e-04	-2.772002e-03	1.585875e-03
## SPAC1851.03	-1.505671e-03	-5.813759e-04	-1.886468e-04	1.850238e-03
## SPNCRNA.992	-1.003617e-03	-1.240423e-05	-1.514159e-03	-1.264312e-03
## SPAC27D7.03c	7.970119e-04	1.188024e-03	-5.038581e-04	4.153286e-04
## SPAC27D7.04	-2.669234e-03	7.396533e-04	-9.558131e-04	-1.557906e-03
## SPAC27D7.05c	1.261116e-03	1.497752e-03	-9.602052e-04	2.043894e-04
## SPAC27D7.07c	2.763566e-03	-4.225110e-03	7.247297e-03	-6.226981e-04
## SPAC27D7.08c	1.208742e-03	-1.516492e-04	-1.938654e-03	1.087254e-04
## SPAC27D7.09c	-1.028077e-02	9.118000e-03	1.253844e-02	9.402355e-03
## SPAC27D7.11c	-2.931496e-02	3.016248e-03	-5.292195e-03	1.595613e-02
##	[,33]	[,34]	[,35]	
## SPAC212.11	6.264156e-06	-1.070903e-03	3.694211e-04	
## SPAC212.09c	1.120391e-03	2.878478e-04	-1.401800e-03	
## SPNCRNA.70	-2.706407e-05	8.831178e-06	5.788925e-06	
## SPAC212.12	8.243495e-05	-9.390859e-05	1.401025e-05	
## SPAC212.04c	-2.601221e-03	-7.645541e-04	-1.583864e-03	
## SPAC212.03	1.382062e-06	-5.820135e-05	8.975445e-06	
## SPAC212.02	0.000000e+00	0.000000e+00	0.000000e+00	
## SPAC212.01c	-5.918761e-05	-1.012218e-04	-2.138498e-05	
## SPAC977.03	2.985672e-06	-7.535391e-05	-4.286747e-05	
## SPAC977.04	1.206525e-05	-2.202178e-05	1.675384e-04	
## SPAC977.05c	4.272489e-05	-3.553935e-05	9.319685e-05	
## SPNCRNA.136	1.564757e-05	-5.019389e-05	1.503885e-06	
## SPNCRNA.601	2.764599e-04	-2.150157e-04	-3.486118e-04	
## SPAC977.07c	-1.049712e-04	-1.324217e-05	-2.341185e-04	
## SPAC977.09c	0.000000e+00	0.000000e+00	0.000000e+00	
## SPNCRNA.19	0.000000e+00	0.000000e+00	0.000000e+00	
## SPAC977.11	5.609917e-04	-2.241913e-03	2.391576e-03	
## SPAC977.13c	1.919609e-03	9.099710e-04	-5.133125e-04	
## SPAC977.15	7.090417e-04	-2.253363e-04	1.827991e-03	
## SPAC977.16c	-2.401074e-03	1.754604e-03	3.255265e-03	
## SPNCRNA.37	3.006237e-05	-8.600768e-05	1.442544e-05	
## SPAPJ695.01c	8.469759e-05	1.283957e-04	4.307081e-05	
## SPNCRNA.76	1.075216e-04	-2.848476e-04	-6.754659e-05	
## SPNCRNA.603	1.671387e-04	1.261625e-04	1.545472e-04	
## SPNCRNA.607	-1.617322e-03	4.178004e-04	-6.215024e-04	
## SPAC1F8.06	1.907764e-03	-2.659154e-03	6.164279e-05	
## SPAC1F8.08	4.329691e-04	-9.567926e-04	-1.840948e-03	
## SPAC11D3.19	-1.010350e-03	-5.265133e-04	6.002030e-04	
## SPAC11D3.01c	1.023432e-02	2.298683e-03	1.641643e-02	
## SPNCRNA.608	1.545292e-04	1.322016e-03	2.237581e-03	

## SPAC11D3.02c	7.972193e-03	-2.869067e-03	4.379178e-03
## SPAC11D3.03c	8.596190e-04	-1.757804e-03	-1.222241e-03
## SPAC11D3.05	-5.158041e-03	-2.625306e-03	-4.484844e-03
## SPAC11D3.07c	3.109385e-03	-1.075487e-05	-1.463489e-03
## SPAC11D3.08c	7.685395e-04	-4.113349e-04	3.341831e-03
## SPAC11D3.11c	4.279037e-03	1.484600e-03	3.997017e-03
## SPAC11D3.14c	3.755786e-05	-1.692294e-03	2.064234e-03
## SPNCRNA.609	-2.021357e-03	-2.038372e-03	-3.788418e-03
## SPNCRNA.147	6.497105e-05	-6.567258e-05	5.495649e-05
## SPNCRNA.610	3.630322e-04	3.126916e-04	-3.343188e-04
## SPAC11D3.16c	4.590696e-03	4.952878e-06	-2.172233e-03
## SPAC11D3.18c	6.769911e-05	-8.648824e-04	6.767351e-04
## SPNCRNA.612	-1.540812e-03	-8.647120e-04	9.953021e-04
## SPAC5H10.01	-1.174541e-04	-2.578171e-04	2.281014e-03
## SPAC5H10.03	1.554169e-02	2.300618e-02	2.116556e-02
## SPAC5H10.04	-8.378092e-04	2.498589e-03	1.913263e-03
## SPAC5H10.06c	5.352633e-03	-3.921573e-03	9.438827e-03
## SPAC5H10.08c	3.840398e-03	-2.875372e-03	-2.370951e-03
## SPAC5H10.09c	2.683792e-03	2.126339e-03	-3.977168e-04
## SPAC5H10.10	-2.578531e-03	-3.618539e-05	7.033944e-03
## SPAC5H10.11	-3.376275e-04	5.534498e-04	-7.626583e-04
## SPAC5H10.12c	-2.658798e-03	-2.713855e-03	-5.561763e-03
## SPAC5H10.13c	1.323401e-04	-8.840550e-03	3.039410e-03
## SPNCRNA.617	7.678026e-04	-2.551797e-04	-6.417228e-04
## SPAC13G6.01c	-9.867051e-04	3.874606e-03	9.241561e-03
## SPSNORNA.49	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.03	-2.555287e-03	-5.511365e-03	4.565158e-03
## SPNCRNA.618	-4.052191e-04	-1.093520e-04	-1.067252e-03
## SPNCRNA.620	5.799261e-05	3.627580e-04	-4.425118e-05
## SPAC13G6.14	5.237251e-03	-2.911676e-03	-1.741930e-03
## SPAC13G6.15c	3.812029e-03	1.837101e-03	4.664248e-03
## SPNCRNA.621	5.818565e-04	1.827494e-04	1.607912e-03
## SPAC24B11.05	-2.642085e-03	-3.363305e-04	-4.980777e-03
## SPAC24B11.08c	4.703702e-03	8.248265e-04	-1.345593e-03
## SPNCRNA.142	7.820082e-05	-5.721842e-05	1.754980e-04
## SPAC24B11.09	6.657118e-03	-2.768366e-03	6.685462e-03
## SPAC24B11.11c	1.789150e-03	-6.878902e-03	-9.662450e-03
## SPAC24B11.12c	-1.043998e-02	-9.557076e-03	1.065183e-02
## SPNCRNA.624	-7.766134e-04	1.927792e-03	-1.083542e-03
## SPAC806.02c	1.124699e-02	-1.677850e-03	6.751393e-03
## SPNCRNA.625	-4.396783e-05	5.598905e-05	1.179522e-03
## SPAC806.11	-1.349002e-04	-3.309249e-04	1.783352e-04
## SPNCRNA.03	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.626	6.880388e-04	-3.658727e-03	1.701755e-03
## SPNCRNA.627	-2.233870e-04	-1.300818e-06	-3.239967e-04
## SPNCRNA.628	1.532498e-04	-8.909254e-05	9.039369e-04
## SPAC806.06c	-4.748604e-04	-6.395624e-03	-1.058399e-03
## SPAC806.07	3.484945e-03	-1.283171e-03	-7.026524e-03
## SPNCRNA.630	-7.496689e-04	-2.206083e-04	1.782256e-03
## SPAC1F5.11c	1.224454e-02	-1.834951e-02	-2.633297e-03
## SPNCRNA.632	7.017099e-05	1.569717e-04	1.618974e-04
## SPNCRNA.633	4.390211e-04	4.162867e-04	3.336024e-04
## SPAC1F5.07c	-1.694464e-03	-1.862402e-03	2.017393e-03
## SPAC1F5.04c	-3.010542e-03	-8.029256e-03	4.017431e-03

## SPAC1F5.02	-9.451791e-03	-8.456668e-03	-3.518768e-02
## SPNCRNA.148	5.751980e-05	2.950957e-05	3.063494e-05
## SPAC18B11.10	5.904045e-03	-6.534635e-03	-4.530823e-03
## SPNCRNA.27	-4.551836e-06	1.768306e-05	-7.677753e-06
## SPNCRNA.635	9.393975e-05	-2.167432e-04	-2.852110e-04
## SPAC18B11.09c	1.640675e-03	2.938174e-04	5.925828e-04
## SPAC18B11.08c	-3.337206e-03	-5.343162e-04	-1.367689e-03
## SPAC18B11.07c	-6.333336e-03	-1.772537e-03	5.008197e-03
## SPAC18B11.04	5.207750e-04	-6.507153e-05	-2.569439e-03
## SPNCRNA.636	-3.532979e-03	-3.294915e-04	2.725124e-03
## SPAC18B11.02c	3.909023e-03	1.133295e-03	-7.418347e-03
## SPAC12G12.15	-4.154964e-04	-3.211946e-03	-2.395871e-03
## SPNCRNA.637	-4.560713e-04	6.376596e-05	-7.161624e-04
## SPAC12G12.14c	3.208350e-03	2.491084e-03	2.626243e-03
## SPNCRNA.638	-1.454246e-04	-1.625417e-04	-1.266010e-04
## SPAC12G12.10	2.808169e-03	-7.556925e-03	5.729613e-04
## SPAC12G12.09	5.182126e-03	1.717434e-03	1.340820e-03
## SPAC12G12.06c	4.671783e-05	-2.351794e-03	-8.477635e-03
## SPNCRNA.639	8.656457e-05	1.050989e-04	-7.320285e-05
## SPAC12G12.03	-2.598042e-03	7.834621e-03	-9.178552e-03
## SPAC630.05	-1.824401e-03	5.530753e-03	-2.026652e-03
## SPAC630.15	4.171288e-04	-2.168090e-03	-1.449741e-03
## SPATRNAPRO.01	1.432908e-03	-1.378470e-03	-9.484136e-04
## SPAC630.11	3.539119e-03	3.180478e-03	-4.888403e-03
## SPAC630.12	-2.232620e-03	1.696954e-03	4.128888e-03
## SPAC630.13c	-1.048977e-03	-2.751923e-03	1.439811e-03
## SPAC630.14c	1.143757e-02	1.087046e-02	3.387689e-03
## SPAC1751.01c	-9.860895e-04	-3.278675e-03	1.627566e-03
## SPAC1751.04	-1.197969e-03	-3.006577e-03	-1.213470e-03
## SPAC1751.02c	-2.168537e-03	-3.102941e-03	-3.731447e-03
## SPAC31A2.02	2.076151e-04	-2.359683e-03	1.629710e-03
## SPNCRNA.643	-3.814375e-04	1.321003e-03	4.822391e-04
## SPAC31A2.03	-5.413140e-03	5.394090e-03	5.071624e-04
## SPAC31A2.04c	-5.219913e-03	1.841689e-03	6.434682e-03
## SPAC31A2.06	1.311679e-04	2.976876e-03	5.153480e-03
## SPAC31A2.07c	-3.433182e-03	-3.110529e-03	1.511744e-02
## SPAC31A2.09c	8.167565e-04	9.338529e-04	-6.111570e-04
## SPAC31A2.11c	8.034751e-04	-6.791401e-03	4.580581e-03
## SPAC31A2.12	2.239406e-03	3.649703e-04	-5.019113e-03
## SPAC31A2.13c	-1.458248e-03	3.747320e-03	2.587913e-04
## SPAC31A2.14	2.496013e-03	-2.402417e-03	-4.512167e-03
## SPAC31A2.16	5.409553e-04	-1.375269e-03	1.749164e-03
## SPAC13C5.01c	-1.710782e-03	3.598356e-03	2.561468e-03
## SPNCRNA.644	-3.998160e-04	-3.274109e-04	5.447137e-05
## SPAC13C5.04	-1.257523e-02	-7.414699e-03	-2.943060e-03
## SPNCRNA.645	1.482145e-03	3.432718e-05	-2.109777e-04
## SPAC13C5.05c	-4.084154e-03	1.247225e-03	-1.039979e-03
## SPAC13C5.06c	4.380315e-03	1.324661e-03	3.846881e-03
## SPNCRNA.05	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNAVAL.01	1.267853e-01	-5.885727e-02	4.639286e-02
## SPAC23E2.02	-6.331371e-04	2.127111e-03	-2.542066e-03
## SPRRNA.11	3.224270e-03	8.051811e-02	2.233980e-02
## SPAC24H6.12c	1.286844e-03	7.016267e-04	-4.985157e-03
## SPAC24H6.11c	1.191732e-03	2.299084e-03	-2.939720e-04

## SPNCRNA.652	1.289187e-03	-2.355387e-04	1.381797e-04
## SPAC24H6.09	-2.255284e-03	1.036609e-02	-1.311305e-03
## SPAC24H6.07	9.190844e-03	5.537613e-02	-1.801987e-02
## SPAC24H6.06	-1.579052e-04	2.584875e-03	-3.824208e-04
## SPAC24H6.04	-2.597872e-03	-4.257350e-02	-1.709958e-02
## SPNCRNA.653	3.986827e-04	-2.574488e-04	2.177509e-04
## SPNCRNA.551	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC24H6.02c	4.717054e-04	-4.793942e-04	-3.223972e-03
## SPNCRNA.654	3.865527e-04	8.999934e-05	-9.870267e-05
## SPAC24H6.01c	4.606179e-03	-5.776881e-03	-3.491116e-03
## SPAC227.19c	8.015773e-04	-4.038988e-04	-1.437773e-03
## SPNCRNA.655	2.531646e-03	1.541460e-03	-2.679669e-03
## SPAC227.05	2.897024e-03	2.176951e-03	-8.849688e-03
## SPAC227.06	3.137559e-03	3.010902e-03	-2.557768e-05
## SPAC227.07c	-1.269471e-03	5.643998e-03	1.173550e-03
## SPNCRNA.657	-1.606947e-03	2.251985e-03	2.519764e-03
## SPAC227.08c	-3.922380e-03	2.503956e-03	-7.667983e-03
## SPAC227.09	9.404867e-04	-3.800646e-03	-1.244835e-03
## SPAC227.10	1.665915e-03	7.914408e-04	-1.051729e-02
## SPAC227.11c	-5.859320e-04	-5.083252e-04	6.717876e-04
## SPAC227.12	2.787445e-03	2.962701e-03	6.207006e-03
## SPAC227.13c	-7.511617e-03	-4.357121e-03	-8.669817e-03
## SPSNORNA.02	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.03	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.04	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.06	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.16c	-1.152152e-03	-7.080675e-05	6.552388e-04
## SPAC2F7.04	-1.464427e-03	-1.655835e-03	-1.863840e-03
## SPNCRNA.552	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.660	-7.469409e-04	4.671991e-04	-3.896606e-04
## SPNCRNA.661	-2.037039e-04	-9.044513e-05	8.887324e-04
## SPAC2F7.13c	1.348141e-03	-1.266274e-02	-1.160240e-02
## SPAC2F7.15	1.043689e-03	-6.042520e-03	-9.529804e-04
## SPAC13A11.01c	2.988903e-03	-7.053075e-03	-5.438348e-03
## SPAC13A11.03	-5.282954e-03	1.020232e-02	1.226721e-02
## SPAC13A11.04c	-2.320471e-03	-1.097109e-03	-1.776861e-03
## SPAC13A11.05	1.724822e-03	-2.522310e-03	-5.772797e-03
## SPAC3H8.02	-3.890489e-03	-5.236562e-03	-1.641236e-03
## SPAC3H8.03	9.627653e-04	6.313356e-04	3.196440e-03
## SPNCRNA.663	2.047619e-04	3.673385e-05	-4.850292e-04
## SPAC3H8.04	-6.557648e-04	3.856642e-03	1.144448e-03
## SPNCRNA.156	7.987600e-05	-5.466065e-05	-2.240626e-04
## SPAC3H8.08c	-2.082160e-03	-1.093044e-03	1.906471e-03
## SPNCRNA.667	2.951549e-04	3.086164e-04	2.069428e-03
## SPAC3H8.10	-1.882669e-02	2.087733e-03	1.080275e-02
## SPAC1F3.01	-2.206628e-04	1.756868e-03	1.643078e-03
## SPAC1F3.02c	-4.804431e-03	1.317638e-03	6.577605e-03
## SPAC1F3.03	5.757407e-03	3.081698e-03	1.105390e-03
## SPAC1F3.04c	-1.487813e-03	-8.598895e-04	-3.720799e-03
## SPAC1F3.05	1.687828e-03	1.377979e-04	8.264016e-04
## SPAC1F3.06c	-5.774216e-03	-1.807828e-02	5.516438e-04
## SPAC1D4.01	2.720660e-03	1.151721e-03	-1.945145e-03
## SPAC1D4.02c	3.787846e-03	-5.030905e-03	6.765536e-03
## SPAC1D4.03c	-3.024767e-04	-2.681063e-03	1.698313e-03

## SPNCRNA.670	-2.896083e-04	1.111358e-03	5.412552e-04
## SPAC1D4.05c	3.816126e-03	-5.533804e-03	3.459217e-03
## SPAC1D4.07c	-4.181104e-04	-2.712748e-04	-2.181838e-04
## SPAC1D4.10	1.279009e-03	-4.807037e-03	7.827910e-03
## SPNCRNA.671	-1.313478e-03	1.101217e-03	1.615562e-03
## SPNCRNA.79	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1D4.12	4.007630e-03	-8.447706e-04	7.936530e-03
## SPAC1D4.14	-4.062335e-03	-3.508870e-03	-8.859257e-03
## SPAC22F3.13	-8.504298e-04	-1.895009e-03	-6.078442e-04
## SPNCRNA.675	3.962220e-04	6.665994e-04	-6.898037e-04
## SPNCRNA.158	1.277382e-04	-1.419698e-04	-2.193188e-04
## SPAC22F3.11c	1.595712e-03	4.285774e-03	-1.309478e-03
## SPAC22F3.10c	2.012958e-04	-3.412044e-03	1.058135e-02
## SPAC22F3.08c	-6.041125e-04	4.767703e-03	8.018836e-03
## SPAC22F3.07c	1.237046e-03	-5.060476e-04	-2.166893e-03
## SPAC22F3.05c	9.107865e-03	-6.276817e-04	5.185258e-03
## SPNCRNA.676	1.714138e-04	3.244548e-05	-6.651120e-05
## SPAC22F3.03c	2.627237e-03	-2.813938e-03	-3.212631e-03
## SPAC1296.03c	3.628329e-04	1.016317e-03	1.640230e-03
## SPAC1296.04	-1.170734e-03	-3.593754e-03	3.611270e-03
## SPAC1296.05c	-6.761259e-03	-2.352060e-03	2.614214e-04
## SPAPJ696.02	5.927795e-03	-1.464276e-02	-1.744446e-03
## SPAC22G7.01c	4.566549e-03	-2.084779e-03	5.973563e-03
## SPNCRNA.677	-1.928125e-04	6.572778e-04	1.696363e-03
## SPAC22G7.03	6.529089e-04	-1.436684e-03	4.437265e-04
## SPNCRNA.678	1.143880e-03	6.589597e-04	-4.419014e-05
## SPAC22G7.05	2.614064e-03	1.542162e-03	-1.984365e-03
## SPAC22G7.09c	-1.540506e-03	8.363367e-04	-3.101514e-04
## SPAC22G7.10	1.659612e-03	-3.728993e-03	9.331548e-03
## SPAC4G8.02c	4.775566e-03	-4.520925e-03	8.884738e-04
## SPAC4G8.03c	-6.363179e-04	-2.706340e-03	5.578726e-05
## SPAC4G8.06c	-2.099116e-03	-2.591668e-03	1.692316e-03
## SPNCRNA.159	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G8.08	-2.433680e-03	1.393558e-03	-5.578301e-04
## SPAC4G8.11c	-9.542342e-04	-1.865042e-03	3.740880e-03
## SPAC4G8.12c	1.109823e-03	-8.160583e-05	-2.066801e-04
## SPAC4G8.13c	-1.122724e-03	-2.881750e-03	-3.450557e-03
## SPAC16C9.05	2.761834e-03	-3.310669e-03	-6.086059e-03
## SPAC2G11.02	-7.319427e-04	-1.465540e-02	3.026151e-04
## SPAC2G11.03c	2.658329e-03	-3.341579e-03	-2.792416e-04
## SPAC2G11.06	5.667562e-03	-8.862269e-03	-1.626857e-03
## SPNCRNA.688	-5.369124e-04	1.157670e-03	1.302138e-03
## SPAC2G11.07c	1.532653e-03	1.337930e-02	3.559010e-03
## SPAC2G11.09	-8.461870e-04	1.921429e-03	5.528588e-03
## SPAC2G11.12	3.274865e-03	-1.067354e-02	4.371208e-03
## SPNCRNA.691	-5.839362e-04	-9.099840e-05	4.520602e-04
## SPNCRNA.692	2.042013e-04	5.881892e-04	-2.565474e-03
## SPAC521.02	4.560073e-03	3.134604e-04	-4.577281e-03
## SPAC521.03	5.045593e-02	-2.442924e-03	-1.190307e-02
## SPAC521.05	1.388933e-02	-2.138886e-02	-4.977461e-02
## SPAC23G3.01	9.133369e-03	-1.094356e-02	-2.608831e-03
## SPNCRNA.694	-3.508227e-04	-5.908425e-04	3.353500e-04
## SPAC23G3.04	-8.633861e-04	-2.515490e-03	1.399475e-03
## SPAC23G3.06	2.329751e-03	2.428575e-02	3.522814e-03

## SPAC23G3.07c	-4.288326e-04	-1.357227e-03	-2.169405e-03
## SPAC23G3.08c	8.211355e-04	-1.309266e-03	5.787715e-03
## SPAC23G3.10c	8.105541e-03	-3.024705e-03	-3.830773e-04
## SPAC22H12.01c	-3.390705e-03	-3.561635e-03	-7.033510e-03
## SPAC22H12.02	1.391519e-03	-4.189858e-03	3.447970e-03
## SPAC22H12.05c	1.501933e-03	7.072816e-04	9.072357e-03
## SPAC1687.01	-1.551585e-03	-2.021283e-03	-4.237227e-03
## SPAC1687.04	1.512131e-05	-2.338658e-03	-2.524905e-03
## SPAC1687.05	3.392504e-03	-2.394416e-03	-5.122417e-03
## SPAC1687.06c	-1.641898e-02	-5.690041e-03	1.014752e-02
## SPNCRNA.696	-6.072773e-04	-4.967028e-05	7.120560e-06
## SPAC1687.11	1.202228e-02	1.256940e-02	8.154540e-03
## SPAC1687.12c	1.392551e-03	-7.826191e-03	4.480241e-04
## SPAC1687.14c	2.931795e-04	-1.886579e-03	-7.179968e-04
## SPAC1687.16c	1.855114e-03	-2.778249e-03	-2.125325e-03
## SPNCRNA.160	1.715693e-04	-7.157040e-05	1.806982e-04
## SPATRNAALA.01	1.037740e-03	5.641711e-04	1.386452e-03
## SPAC1687.17c	-9.522451e-04	1.822595e-03	1.160976e-03
## SPAC1687.18c	-3.429787e-03	-2.399127e-04	-4.416045e-04
## SPAC1687.19c	2.063701e-03	-3.907826e-04	1.556544e-03
## SPAC1687.20c	-1.587868e-04	1.719174e-03	1.643789e-03
## SPAC222.03c	-3.350902e-03	4.538851e-03	6.677278e-03
## SPAC222.19	-8.833355e-04	-1.852992e-03	-1.660515e-03
## SPAC222.04c	5.946614e-03	-1.450595e-03	2.059879e-03
## SPAC222.06	5.991757e-06	2.751871e-03	-1.121393e-03
## SPAC222.07c	1.291687e-03	-2.814794e-03	-6.286906e-03
## SPAC222.08c	-3.034224e-03	1.382278e-03	6.795977e-03
## SPSNRNA.02	-4.896268e-02	-7.397782e-02	-5.149810e-02
## SPAC222.17	-2.453200e-03	-4.374630e-04	8.206558e-04
## SPNCRNA.701	8.252318e-04	9.844388e-04	2.959850e-04
## SPAC222.15	4.584646e-04	-1.885380e-03	8.099280e-04
## SPAC222.18	-1.347671e-03	4.517362e-04	5.369980e-04
## SPAC222.16c	8.645147e-04	7.270290e-04	2.504015e-03
## SPAC821.05	-2.670071e-02	9.387435e-03	4.293764e-03
## SPNCRNA.702	-5.713549e-04	1.074361e-03	-8.363269e-04
## SPAC821.06	1.695481e-03	-4.293275e-04	1.762653e-03
## SPNCRNA.703	1.442444e-04	1.543718e-03	9.197271e-04
## SPAC821.08c	-7.429160e-03	-2.339440e-02	-4.961530e-03
## SPAC821.09	1.338621e-03	-4.323188e-02	-2.605717e-02
## SPAC821.10c	3.612768e-02	-3.172284e-02	-2.133752e-02
## SPAC821.12	5.780443e-03	-4.399060e-05	-2.278641e-03
## SPNCRNA.220	-1.149681e-04	-3.296530e-04	-1.439917e-04
## SPAC139.01c	7.136332e-04	2.415175e-03	1.232406e-03
## SPNCRNA.704	-2.277248e-03	-5.498385e-04	1.339004e-03
## SPAC139.02c	1.149483e-02	4.084826e-05	-5.747253e-03
## SPAC23C4.03	-1.563971e-03	-1.214309e-02	-5.203944e-03
## SPAC23C4.05c	-9.871546e-03	-9.645854e-04	5.612171e-03
## SPAC23C4.06c	7.741163e-03	2.018048e-03	8.545603e-03
## SPAC23C4.09c	5.158672e-03	-6.669337e-03	-3.965229e-03
## SPAC23C4.10	1.907830e-03	-7.509730e-04	8.018773e-04
## SPAC23C4.11	8.598088e-04	-4.535861e-04	1.981957e-03
## SPAC23C4.13	-1.272933e-03	-1.699676e-03	3.904747e-03
## SPAC23C4.14	5.611179e-04	-5.082830e-03	-4.708679e-03
## SPAC23C4.15	-3.635757e-03	-5.960889e-03	1.969539e-03

## SPAC23C4.17	3.428138e-04	-6.643139e-03	-5.990544e-03
## SPAC23C4.18c	-4.443145e-04	4.397335e-04	2.988345e-03
## SPAC1A6.01c	1.069474e-03	1.554486e-04	-2.224415e-03
## SPAC1A6.02	1.472478e-03	-4.256046e-03	8.604783e-03
## SPAC1A6.03c	1.664438e-02	1.448554e-03	9.150018e-04
## SPAC1A6.04c	3.025261e-02	-2.748826e-02	2.442221e-02
## SPNCRNA.710	3.772300e-04	-4.055705e-04	9.263876e-04
## SPAC1A6.06c	1.047045e-03	-6.620959e-04	-3.313805e-04
## SPAC1A6.08c	-2.445300e-04	3.689076e-03	-4.188414e-04
## SPAC30D11.14c	2.561332e-03	2.467148e-03	5.986239e-03
## SPATRNASER.01	-2.997041e-03	-9.568818e-03	-1.000369e-03
## SPATRNAMET.01	2.099849e-03	7.568508e-04	-7.810274e-04
## SPNCRNA.711	-3.098809e-04	-2.891067e-04	3.858238e-04
## SPAC30D11.07	-1.640703e-03	3.009414e-05	9.112132e-04
## SPAC30D11.06c	3.941744e-04	-2.235731e-03	3.391641e-03
## SPAC30D11.05	-9.675375e-04	-1.247147e-03	-3.861249e-03
## SPAC30D11.02c	5.613603e-04	1.087305e-03	-8.770087e-04
## SPAC56F8.02	-3.258146e-03	1.038263e-02	4.573107e-03
## SPAC56F8.04c	-2.313230e-03	-4.590446e-04	1.280753e-03
## SPAC56F8.06c	-2.014690e-03	7.465135e-04	2.408659e-03
## SPAC56F8.09	-1.161994e-04	5.239951e-03	2.813943e-03
## SPNCRNA.716	1.467978e-03	-1.518740e-03	-1.901179e-04
## SPAC56F8.12	5.829795e-06	-5.556283e-04	5.396684e-05
## SPAC56F8.16	-2.028213e-03	-3.635308e-03	4.567660e-03
## SPAC22A12.02c	5.712653e-04	1.762972e-04	2.348167e-04
## SPAC22A12.04c	-8.702907e-03	1.582111e-02	8.857873e-03
## SPNCRNA.717	8.444503e-05	1.943513e-04	3.175235e-04
## SPAC22A12.07c	-4.109835e-03	-1.913716e-02	4.457684e-03
## SPAC22A12.08c	-6.093527e-03	-1.034208e-02	3.474507e-03
## SPAC22A12.10	-5.386572e-03	1.048509e-02	-1.639843e-03
## SPAC22A12.09c	-1.405408e-03	3.539680e-03	-4.461545e-03
## SPAC22A12.11	-3.545700e-03	-9.770921e-03	-9.385177e-03
## SPAC22A12.12c	-3.295545e-04	-2.345768e-03	-3.995789e-03
## SPAC22A12.14c	-1.055376e-04	2.640475e-03	-3.110018e-03
## SPNCRNA.719	7.437447e-05	9.436943e-06	1.298549e-04
## SPAC22A12.17c	6.956775e-02	-6.814262e-02	2.780069e-02
## SPNCRNA.168	-2.558660e-04	-2.676337e-04	3.615415e-04
## SPNCRNA.720	6.950214e-04	4.429275e-04	-2.804298e-04
## SPNCRNA.721	2.129650e-03	-8.703488e-04	1.102436e-04
## SPAC4C5.02c	6.117594e-04	7.305958e-04	3.115890e-03
## SPAC4C5.03	4.407576e-03	3.365696e-03	8.779706e-04
## SPSNORNA.07	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.09	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.01c	-2.443435e-02	-9.921931e-03	3.734236e-02
## SPNCRNA.724	-4.128085e-03	7.339641e-04	1.000885e-03
## SPAC10F6.02c	5.591565e-03	1.694981e-03	8.999949e-04
## SPAC10F6.05c	-3.373618e-03	4.779831e-04	-6.799537e-03
## SPNCRNA.725	-4.291530e-04	2.033817e-04	-9.937474e-04
## SPAC10F6.10	-3.628187e-03	3.175807e-03	-1.341784e-03
## SPNCRNA.726	-1.456235e-04	-3.010455e-04	8.555484e-04
## SPAC10F6.15	7.038211e-05	1.989119e-03	-1.920754e-03
## SPNCRNA.432	2.918336e-04	1.162079e-05	2.897490e-04
## SPAC10F6.17c	2.796311e-03	-3.108208e-03	-1.595269e-03
## SPAC56E4.03	6.134816e-03	2.144861e-03	1.143919e-02

## SPAC56E4.07	-2.877855e-03	4.905486e-03	-9.119684e-03
## SPNCRNA.730	1.101534e-04	-7.782731e-05	-4.382425e-04
## SPAC1420.02c	5.576915e-03	-4.083980e-03	-1.103744e-02
## SPAC1420.03	-3.001236e-04	4.889576e-03	-1.030680e-03
## SPAC1420.04c	1.833241e-04	2.355893e-04	1.465184e-03
## SPNCRNA.731	3.997478e-05	2.114301e-04	1.661227e-04
## SPAPB17E12.02	2.961047e-04	1.072113e-04	5.520997e-04
## SPAPB17E12.03	7.297246e-04	-4.621306e-04	-2.161492e-03
## SPAPB17E12.05	3.005192e-03	1.724232e-02	-4.180485e-03
## SPAPB17E12.11	-4.349497e-03	-1.518661e-03	3.419760e-03
## SPNCRNA.732	6.663959e-04	-3.864043e-04	1.146024e-03
## SPNCRNA.733	-2.941981e-04	1.455845e-03	-7.513459e-04
## SPAC1565.03	-1.758388e-03	1.987586e-04	-8.451564e-04
## SPAC1565.05	6.397230e-03	3.005679e-03	9.003491e-03
## SPAC1565.06c	-4.986362e-03	-1.851390e-04	1.078867e-03
## SPAC1565.07c	7.635433e-04	-3.496839e-03	-6.401927e-03
## SPATRNPAPRO.02	5.988861e-02	-9.895455e-02	-4.377433e-02
## SPSNORNA.53	2.778208e-03	-9.460472e-04	-2.823891e-02
## SPAC6F12.06	-5.377089e-03	2.912047e-03	-3.648240e-03
## SPAC6F12.07	-1.630960e-03	-3.678217e-03	-4.231867e-03
## SPAC6F12.08c	-2.085239e-03	-3.603430e-03	1.379988e-03
## SPAC6F12.09	6.355856e-03	-1.600066e-03	2.008766e-04
## SPAC6F12.12	1.867069e-03	-2.723660e-03	-1.155753e-03
## SPAC6F12.13c	9.751947e-03	3.998904e-03	-1.284978e-03
## SPAC6F12.15c	-1.989085e-03	-3.917667e-03	3.652803e-03
## SPAC19E9.01c	-1.639184e-03	-2.952608e-06	-1.662364e-03
## SPAC19E9.02	1.258055e-03	-3.130815e-03	5.262664e-04
## SPNCRNA.86	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.738	1.428157e-03	3.148494e-04	-7.085909e-04
## SPAC19E9.03	1.343858e-02	-5.658829e-03	6.341197e-03
## SPAC57A10.03	-3.255547e-04	-2.087629e-03	-4.080337e-03
## SPAC57A10.05c	4.034585e-03	-5.968169e-03	2.414983e-03
## SPAC57A10.06	1.403294e-03	-1.587076e-04	7.883042e-04
## SPAC57A10.07	1.254846e-04	-1.746976e-03	5.838330e-03
## SPAC57A10.08c	-1.198909e-03	-4.412322e-04	-3.410095e-03
## SPAC57A10.09c	-1.509365e-02	-8.296979e-03	2.148374e-03
## SPAC57A10.12c	-3.027048e-03	-1.688848e-03	2.948562e-03
## SPAC20G8.04c	8.033066e-03	4.417119e-03	2.334303e-03
## SPAC20G8.05c	8.018724e-05	-1.065427e-02	-7.911732e-03
## SPAC20G8.06	2.273025e-02	-3.484386e-03	-2.884600e-03
## SPAC20G8.08c	-1.551334e-05	-1.008885e-02	-3.460423e-03
## SPAC20G8.09c	5.428587e-03	-9.579445e-03	-1.452788e-02
## SPAC20G8.10c	-8.654349e-04	3.417729e-04	9.933770e-04
## SPAC3A12.04c	1.020018e-03	-4.393978e-04	2.517305e-04
## SPAC3A12.19	-6.363674e-04	-1.371546e-03	1.719526e-03
## SPAC3A12.07	3.269675e-03	1.344460e-03	-7.917643e-04
## SPNCRNA.741	-1.860220e-04	1.093079e-04	-6.242851e-04
## SPAC3A12.11c	-4.698271e-03	3.398894e-04	-1.873256e-03
## SPAC3A12.14	2.727850e-03	6.357322e-04	-1.430034e-02
## SPAC3A12.15	-7.004704e-03	-2.993358e-03	3.097640e-03
## SPSNORNA.48	7.622372e-05	-1.607788e-05	-1.084154e-04
## SPAC3A12.18	-9.733982e-03	-8.987174e-03	6.551920e-03
## SPAC9.03c	4.605008e-03	-5.410760e-03	5.494476e-03
## SPAC9.05	4.728128e-03	1.943553e-03	1.451231e-04

## SPAC9.06c	1.288558e-03	-1.384038e-03	2.730758e-03
## SPAC9.08c	8.618868e-04	-3.563095e-03	-3.533948e-03
## SPAC9.09	9.084652e-03	3.482765e-02	1.214908e-02
## SPNCRNA.743	-5.613470e-05	-1.290902e-03	-3.498059e-03
## SPAC9.10	-1.099050e-03	-5.794175e-03	5.534747e-03
## SPNCRNA.171	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5D6.12	7.007759e-04	2.004630e-03	-1.090005e-04
## SPAC5D6.10c	5.090912e-05	1.693127e-04	8.255773e-05
## SPAC5D6.09c	-1.416550e-03	-1.216459e-04	9.830013e-04
## SPAC5D6.07c	-3.928937e-03	-3.166271e-04	5.655111e-05
## SPAC5D6.04	-6.504907e-03	-3.016386e-03	3.266174e-03
## SPAC5D6.02c	1.017022e-03	-1.597200e-03	-2.348640e-03
## SPAC57A7.10c	2.429030e-04	1.805735e-02	-8.629198e-03
## SPNCRNA.174	2.250063e-04	1.153137e-04	-3.419698e-04
## SPAC57A7.08	2.934000e-04	-9.170488e-03	1.071091e-02
## SPAC57A7.06	6.083380e-03	-9.819074e-03	-2.009636e-03
## SPAC57A7.04c	3.776016e-02	-2.291034e-02	-1.635048e-02
## SPAC167.07c	1.238945e-03	-1.998553e-03	1.969023e-03
## SPAC167.05	1.940554e-03	-4.847276e-03	-3.399300e-03
## SPAC167.04	-4.521296e-04	1.578518e-03	-4.141297e-03
## SPAC167.09	-1.472228e-03	-1.642899e-04	-6.357802e-04
## SPAC167.08	8.269176e-05	-4.847287e-04	-9.630920e-05
## SPAC1705.03c	-1.130787e-02	-2.868144e-02	-6.689200e-02
## SPNCRNA.80	-1.053283e-04	9.164008e-05	1.297570e-04
## SPNCRNA.745	-6.598169e-04	-2.256147e-04	-1.705049e-03
## SPNCRNA.81	-2.849680e-05	7.514769e-06	4.114303e-06
## SPAC23H4.17c	-1.101437e-03	1.850700e-03	-1.831384e-03
## SPAC23H4.16c	-2.823147e-04	-1.717619e-03	2.042095e-03
## SPAC23H4.15	1.021833e-03	-6.183253e-03	4.938916e-03
## SPAC23H4.21	-1.580347e-03	-2.875123e-03	4.339559e-03
## SPAC23H4.13c	2.753773e-03	-2.480485e-03	2.829335e-03
## SPAC23H4.12	2.198654e-03	2.356701e-03	8.737980e-03
## SPAC23H4.08	-5.970367e-04	-4.132047e-03	-9.058736e-04
## SPAC23H4.07c	5.969047e-03	2.328780e-03	-2.153076e-03
## SPAC23H4.05c	1.418441e-04	3.622454e-04	4.671571e-04
## SPNCRNA.746	7.501663e-04	-1.068508e-03	1.874481e-04
## SPAC23H4.04	2.217295e-04	-3.202433e-03	-3.137889e-03
## SPATRNATHR.01	1.998193e-02	-4.558356e-02	-4.412016e-02
## SPNCRNA.747	4.180162e-05	3.682358e-04	8.011321e-05
## SPAP27G11.03	-8.578707e-04	2.931415e-03	-1.548663e-04
## SPAP27G11.05c	-1.825937e-03	-3.929043e-03	-1.218471e-03
## SPNCRNA.749	-7.722160e-04	8.098630e-04	-1.001191e-03
## SPAP27G11.09c	9.969737e-04	1.712782e-03	-3.579615e-04
## SPAP27G11.14c	-7.654193e-04	1.077730e-03	9.721846e-05
## SPAP27G11.15	-7.539092e-04	2.893207e-03	-3.128590e-03
## SPAC343.01c	-9.351282e-03	-1.181650e-02	2.757739e-03
## SPAC343.03	-6.886162e-04	5.601666e-04	8.164159e-04
## SPAC343.04c	-7.479615e-03	5.445814e-03	-7.343821e-04
## SPAC343.05	3.278468e-03	1.618229e-02	1.021629e-02
## SPAC343.08c	4.585530e-03	-1.064722e-03	2.682257e-03
## SPAC343.07	6.047746e-05	1.338290e-04	-4.723012e-05
## SPNCRNA.752	7.038738e-05	-1.017958e-04	1.977391e-05
## SPAC343.10	3.100529e-03	4.393411e-03	-1.110998e-02
## SPAC343.11c	9.922964e-04	-1.853714e-03	1.072850e-02

## SPAC343.20	6.829798e-04	7.054927e-03	-6.436770e-03
## SPAC343.17c	2.612391e-03	-2.763158e-03	-2.313056e-03
## SPAC343.15	3.822160e-04	3.279288e-03	-1.456932e-03
## SPNCRNA.754	-1.956585e-05	-3.610899e-06	1.006091e-05
## SPAC824.04	3.692952e-04	-2.713824e-03	1.219531e-03
## SPAC824.05	-2.356839e-03	-4.699839e-04	-2.120208e-03
## SPAC824.07	-1.092778e-02	-9.884647e-03	1.118537e-03
## SPAC824.08	-2.125632e-03	-5.153599e-03	3.527751e-03
## SPATRNALYS.01	3.111518e-03	-1.217724e-02	-4.643261e-04
## SPAC664.03	-3.050458e-03	-4.740404e-03	-3.189477e-03
## SPAC664.04c	-1.836890e-02	-3.428813e-02	-1.087347e-02
## SPAC664.07c	2.181532e-04	-1.621882e-03	4.415126e-04
## SPAC664.08c	7.024286e-03	3.494439e-03	1.082163e-03
## SPAC664.09	9.407228e-04	-3.005121e-03	-1.732285e-03
## SPAC664.10	-8.684424e-03	-4.260393e-03	-1.817587e-03
## SPAC664.11	-1.683429e-02	-3.990173e-02	2.140545e-02
## SPAC664.12c	-1.712389e-03	-1.329113e-03	-1.673196e-03
## SPAC664.14	4.123923e-03	5.589880e-03	4.848034e-03
## SPNCRNA.758	-2.312397e-04	8.229011e-05	2.579202e-04
## SPACUNK12.02c	-5.407697e-04	-3.984654e-04	2.666196e-03
## SPAC105.01c	2.092597e-03	1.732857e-03	-2.020831e-03
## SPAC17A5.18c	2.192627e-03	-2.623808e-03	-1.399410e-03
## SPAC17A5.02c	6.420475e-03	-5.077720e-05	-3.462677e-03
## SPAC17A5.03	7.081201e-03	2.414651e-02	1.598663e-02
## SPAC17A5.04c	2.431511e-03	1.854620e-04	-5.189642e-03
## SPAC17A5.19	-1.687776e-03	-1.411470e-03	9.178552e-04
## SPAC17A5.06	1.661180e-05	-9.745776e-04	-4.762580e-04
## SPAC17A5.08	-3.306473e-03	-1.198966e-02	-2.122406e-04
## SPAC17A5.10	-1.077304e-04	4.846137e-04	-1.302487e-03
## SPAC17A5.11	-3.075812e-04	-5.531197e-04	4.921450e-04
## SPAC17A5.12	2.704643e-03	-2.481043e-03	1.920368e-03
## SPAC17A5.14	8.927346e-03	-3.248517e-03	3.410969e-04
## SPAC17A5.16	2.193837e-03	6.334197e-03	7.368039e-04
## SPAC1610.01	-1.711090e-03	-2.336493e-03	-3.760237e-03
## SPAC1610.02c	-1.038395e-03	-1.127829e-03	5.005613e-03
## SPAC1610.03c	2.131679e-04	5.851006e-04	5.743933e-04
## SPAC1610.04	5.521313e-04	-2.097693e-03	-5.749490e-05
## SPAC1002.02	-2.549650e-03	1.449740e-03	-1.651908e-03
## SPAC1002.03c	-9.855313e-03	-5.200643e-03	-6.849861e-03
## SPAC1002.04c	5.421002e-03	-3.707305e-03	-8.911058e-04
## SPAC1002.05c	3.938463e-03	-3.313141e-03	3.519899e-03
## SPAC1002.09c	1.658087e-02	-5.344464e-03	-7.041271e-04
## SPAC1002.12c	6.700708e-03	5.112041e-04	-7.779406e-03
## SPAC1002.20	7.656750e-06	-2.753367e-04	-3.958425e-04
## SPAC1002.19	6.714692e-02	5.224323e-03	8.529189e-04
## SPAC1399.04c	5.825802e-03	2.469376e-03	-3.999721e-03
## SPAC1399.03	9.391294e-04	-1.536002e-03	4.975077e-04
## SPAC1399.01c	4.033202e-05	8.770986e-04	2.802191e-03
## SPAP11E10.02c	-1.922208e-03	-5.253718e-04	-6.305730e-04
## SPAPB1A10.02	-2.621903e-04	2.819788e-03	-2.820564e-03
## SPNCRNA.181	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A10.06c	6.938178e-05	1.045101e-03	6.534818e-03
## SPAPB1A10.07c	-2.346441e-03	3.259206e-03	-1.479871e-03
## SPNCRNA.767	1.808854e-04	-1.063737e-03	1.003943e-03

## SPNCRNA.768	-5.379318e-04	9.829313e-04	2.876438e-03
## SPAPB1A10.08	1.910824e-03	2.057368e-03	-1.450808e-04
## SPAPB1A10.10c	-1.119019e-03	3.736852e-03	-3.125908e-03
## SPAPB1A10.11c	9.108469e-04	-2.611477e-03	1.286343e-03
## SPAPB1A10.12c	-3.179714e-03	-2.839813e-04	8.011732e-04
## SPNCRNA.769	2.470765e-04	1.294639e-03	-1.291126e-03
## SPNCRNA.770	-8.943978e-04	4.709224e-04	-4.328581e-05
## SPAC140.02	-8.864681e-02	-1.164256e-02	1.281258e-02
## SPNCRNA.771	-1.934341e-03	5.650625e-04	-1.996619e-03
## SPAC140.04	-7.011184e-04	1.950240e-03	-9.604405e-04
## SPAC110.02	3.496680e-03	3.849993e-03	9.765704e-05
## SPNCRNA.773	-9.764260e-04	1.208415e-03	9.343493e-05
## SPAC110.04c	-3.699767e-02	4.820474e-03	2.588170e-02
## SPAP14E8.02	3.610092e-03	-2.037840e-03	-2.222393e-02
## SPAP14E8.03	-1.181699e-03	-3.872874e-04	-1.066518e-03
## SPAP14E8.04	7.604647e-04	7.195043e-04	1.724894e-03
## SPAP14E8.05c	-4.495843e-03	-1.365793e-03	2.473968e-03
## SPAC3H1.03	-2.974499e-03	2.935618e-04	3.905224e-04
## SPNCRNA.775	-2.843833e-04	3.375384e-04	2.900739e-05
## SPAC3H1.08c	2.107813e-03	4.461707e-03	9.584743e-04
## SPNCRNA.776	2.016399e-04	-5.021346e-04	-1.185095e-03
## SPAC3H1.10	2.904148e-03	-1.493078e-03	-1.651385e-03
## SPNCRNA.778	-4.565130e-04	4.028725e-04	8.918015e-04
## SPNCRNA.779	4.474109e-04	-1.377017e-03	7.088746e-04
## SPNCRNA.780	1.184309e-03	-8.530795e-04	-8.381812e-04
## SPNCRNA.782	-1.536517e-03	-8.473293e-04	5.575785e-05
## SPAC3H1.11	1.382308e-03	-1.268812e-02	-8.884617e-04
## SPAC3H1.14	4.059448e-04	1.020660e-03	2.161346e-04
## SPAC9G1.05	-3.731644e-04	-1.165585e-02	8.194108e-03
## SPAC9G1.06c	-8.861547e-04	-2.322353e-03	6.448964e-03
## SPAC9G1.07	1.434320e-03	1.103529e-03	5.566842e-05
## SPAC9G1.11c	3.696309e-04	-4.990123e-03	1.959321e-03
## SPAC9G1.12	-1.085438e-03	1.474393e-03	-1.593064e-03
## SPAC767.01c	2.698066e-03	4.238832e-03	-2.655394e-03
## SPNCRNA.786	9.942774e-04	1.226634e-03	2.173805e-04
## SPAC17H9.01	1.991348e-04	-1.776991e-04	3.712728e-03
## SPAC17H9.05	3.871203e-03	-8.600848e-03	-8.521881e-03
## SPAC17H9.06c	3.078110e-06	-2.508375e-03	-1.432522e-03
## SPAC17H9.07	1.767045e-03	-5.761222e-04	-4.360966e-03
## SPAC17H9.08	-1.634324e-03	-1.659516e-03	2.322257e-03
## SPAC17H9.11	2.000451e-04	-1.068139e-03	-5.000145e-03
## SPNCRNA.788	-3.124227e-04	2.330822e-04	-1.458315e-03
## SPAC17H9.18c	1.313511e-04	-1.717257e-04	2.356211e-05
## SPAC17H9.19c	-9.204329e-05	-3.999233e-04	1.318614e-03
## SPAC607.02c	3.246404e-04	1.489715e-03	-3.777460e-03
## SPNCRNA.789	-5.495902e-05	-1.363787e-04	5.273767e-06
## SPAC607.07c	-7.653357e-03	-6.881469e-03	7.867384e-03
## SPAC607.08c	-5.808668e-03	-4.409859e-04	-4.630802e-04
## SPNCRNA.186	-7.279133e-05	-2.211539e-04	1.975070e-04
## SPAC607.10	-2.035861e-04	-1.585250e-03	-2.284660e-03
## SPNCRNA.790	6.547531e-05	4.337846e-05	1.056261e-04
## SPAC3C7.01c	6.215104e-03	7.062273e-03	-2.834204e-03
## SPAC3C7.03c	-9.290296e-05	2.678153e-04	8.490736e-04
## SPAC3C7.04	8.077899e-03	1.159319e-02	-7.984691e-03

## SPAC3C7.05c	2.528433e-02	-6.076704e-03	-1.608526e-02
## SPAC3C7.06c	-2.149150e-03	-2.664916e-03	5.346841e-03
## SPAC3C7.07c	-3.419203e-03	-8.477299e-04	4.255648e-03
## SPAC3C7.10	-2.161718e-03	2.282238e-03	1.898646e-03
## SPAC3C7.11c	-4.121027e-03	1.644189e-02	3.498272e-02
## SPAC3C7.12	6.785545e-03	-4.847135e-03	-7.340428e-03
## SPAC3C7.13c	7.077006e-03	-1.500478e-03	-2.269022e-03
## SPNCRNA.792	-8.260928e-04	-3.186753e-04	2.490769e-04
## SPAC3C7.14c	-4.649989e-02	-4.347848e-02	-4.969316e-02
## SPAC25A8.01c	2.223363e-02	9.680082e-04	1.397486e-02
## SPAC631.01c	-2.046181e-03	-3.913767e-03	1.320076e-03
## SPAC20H4.01	-2.313057e-03	7.824480e-03	1.059825e-02
## SPNCRNA.795	5.491374e-04	1.357010e-03	2.648862e-04
## SPAC20H4.05c	4.680581e-04	-6.835002e-04	-2.318958e-03
## SPAC20H4.06c	-5.366144e-04	-1.793300e-04	7.507723e-04
## SPAC20H4.07	-3.070903e-03	-3.940281e-03	-4.898271e-03
## SPNCRNA.796	-9.209426e-04	-2.120655e-03	-4.975345e-04
## SPAC20H4.11c	-8.623645e-04	2.613894e-03	-2.268740e-03
## SPAC23C11.02c	-6.725346e-05	1.143738e-02	-7.021581e-02
## SPAC23C11.06c	2.009085e-02	-3.391895e-03	4.371065e-03
## SPNCRNA.798	-2.947822e-03	1.670970e-03	4.084631e-03
## SPAC23C11.07	-1.780125e-04	-4.826418e-04	1.933090e-04
## SPAC23C11.12	-3.526864e-04	1.536939e-03	3.639354e-04
## SPAC23C11.13c	1.145702e-03	-3.221774e-03	-1.387028e-02
## SPNCRNA.187	-1.051960e-04	2.076735e-04	-3.262725e-04
## SPAC23C11.16	-1.074136e-03	-1.102008e-02	-2.398243e-03
## SPAC13F5.03c	-3.307621e-04	2.328657e-04	-7.388021e-04
## SPAC13F5.04c	-4.622312e-04	-6.513100e-04	1.922495e-03
## SPAC13F5.05	3.590135e-04	-3.155444e-04	-1.232820e-03
## SPAC1783.01	5.396260e-03	-1.033857e-03	-4.885862e-03
## SPAC1783.03	-4.605708e-04	-3.414666e-04	3.752209e-03
## SPAC1783.05	1.469612e-03	-2.200276e-03	-5.186330e-03
## SPAC18G6.03	1.725504e-03	5.456280e-03	-6.660331e-03
## SPNCRNA.805	1.982709e-05	-7.296635e-05	-1.837718e-05
## SPNCRNA.188	-2.735292e-04	6.011074e-05	3.213866e-04
## SPAC18G6.15	-8.768289e-04	-5.493047e-04	-3.146968e-03
## SPAC13D6.01	-1.834151e-03	1.470045e-04	-4.883124e-03
## SPNCRNA.807	-9.743479e-05	3.741118e-04	-2.046705e-03
## SPAC13D6.03c	4.936074e-03	1.269177e-03	-4.459400e-03
## SPAC4G9.04c	8.332927e-04	-2.689682e-03	-3.803194e-03
## SPAC4G9.03	-5.914378e-03	-2.144805e-02	3.195485e-04
## SPAC4G9.05	-1.683785e-04	-4.965341e-04	3.465696e-04
## SPAC4G9.06c	2.729985e-03	5.079680e-03	1.007615e-03
## SPNCRNA.808	-5.684318e-04	1.676641e-03	-5.533579e-04
## SPNCRNA.507	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC4G9.09c	1.791991e-02	-1.284178e-02	6.020819e-03
## SPAC4G9.10	-3.767712e-03	6.870362e-03	-6.369737e-03
## SPAC4G9.11c	-2.422484e-03	-3.456981e-03	-1.968172e-03
## SPAC4G9.12	-1.662480e-03	2.715637e-03	2.733569e-03
## SPAC4G9.14	8.675599e-04	-6.016223e-04	-8.163579e-04
## SPAC4G9.15	-2.462808e-03	-1.023363e-02	-3.251916e-04
## SPNCRNA.809	7.783125e-04	4.980638e-04	4.324622e-05
## SPAC4G9.19	7.965360e-04	-1.017638e-03	4.445842e-04
## SPAC4G9.20c	3.108444e-03	1.466825e-03	5.135325e-03

## SPNCRNA.810	-1.130375e-03	-1.560892e-03	-8.449375e-04
## SPAC13G7.01c	-1.596879e-03	-2.284093e-03	7.858167e-03
## SPAC13G7.02c	-2.854898e-02	-5.602057e-03	-5.458261e-02
## SPAC13G7.03	-1.078241e-04	8.490741e-04	2.232426e-03
## SPAC13G7.04c	2.590250e-03	-3.888090e-03	8.889851e-03
## SPAC13G7.05	-7.482647e-03	-1.093075e-02	2.683021e-04
## SPAC13G7.06	-1.180691e-03	7.613595e-03	1.009606e-02
## SPAC13G7.10	4.374086e-04	1.781642e-03	1.463982e-03
## SPAC13G7.12c	-2.686570e-03	3.778040e-03	4.014423e-03
## SPAC13G7.13c	3.110747e-04	1.058020e-03	3.360229e-03
## SPNCRNA.812	-1.032047e-04	-1.181760e-03	-2.210750e-04
## SPNCRNA.813	9.154605e-04	-1.165517e-03	-9.996466e-04
## SPAC6C3.03c	1.567616e-04	-1.619008e-04	4.378917e-04
## SPNCRNA.57	0.000000e+00	0.000000e+00	0.000000e+00
## SPSNORNA.50	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6C3.05	2.787269e-04	9.917197e-04	-7.260250e-05
## SPNCRNA.815	1.813450e-03	-1.514165e-03	-2.850205e-05
## SPAC6C3.08	-2.459390e-03	-4.533596e-03	1.396597e-03
## SPAC6C3.09	-3.517939e-03	-4.034084e-06	-3.812144e-03
## SPNCRNA.816	7.239565e-04	6.007313e-04	-3.955088e-04
## SPAC17G8.03c	1.117874e-03	-8.651976e-04	1.783757e-03
## SPAC17G8.15	-1.218588e-03	8.563492e-04	-9.928265e-04
## SPAC17G8.04c	1.143466e-04	8.057082e-03	-1.390631e-03
## SPAC17G8.06c	2.729187e-02	1.949461e-02	2.387767e-02
## SPAC17G8.08c	6.015427e-03	1.831532e-03	-1.799904e-02
## SPAC17G8.11c	5.563345e-03	-2.684837e-03	8.383101e-03
## SPNCRNA.77	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.59	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.78	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G8.13c	2.175337e-03	4.145241e-04	1.626539e-03
## SPAC17G8.14c	9.483325e-04	-7.578328e-03	-8.881935e-03
## SPNCRNA.818	-1.774464e-04	-1.320236e-06	-4.021953e-04
## SPAC22H10.02	1.628856e-04	2.864189e-04	1.911650e-04
## SPNCRNA.820	-2.477256e-04	9.986108e-05	-3.560949e-04
## SPAC22H10.04	-5.350579e-03	1.090809e-03	1.505077e-03
## SPAC22H10.05c	1.233235e-03	-4.246058e-03	-9.029017e-03
## SPAC22H10.06c	5.646721e-05	1.226710e-05	1.349712e-05
## SPAC22H10.07	1.062555e-03	-5.667212e-04	4.960515e-03
## SPAC22H10.08	2.922868e-03	1.030683e-03	-6.685179e-03
## SPAC22H10.11c	-1.285872e-02	5.029337e-03	1.004057e-02
## SPAC22H10.12c	-8.597284e-03	1.405202e-02	5.295377e-03
## SPAC15F9.01c	4.941108e-06	1.449336e-04	3.438472e-04
## SPNCRNA.822	-1.987796e-04	2.487146e-04	-1.347889e-04
## SPNCRNA.193	6.615271e-05	-1.945095e-05	-2.459087e-06
## SPNCRNA.823	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC6B12.02c	-1.337369e-02	1.260710e-04	1.104953e-03
## SPAC6B12.04c	-4.190316e-03	-4.435323e-03	-5.748671e-04
## SPNCRNA.824	-7.954406e-04	8.030647e-04	-2.034520e-05
## SPAC6B12.05c	2.158110e-04	5.585814e-03	3.301034e-03
## SPAC6B12.06c	1.826530e-03	-4.059459e-04	3.391122e-03
## SPNCRNA.194	1.148816e-04	2.241350e-04	2.514649e-04
## SPNCRNA.825	7.334954e-04	1.260563e-03	-9.767394e-05
## SPAC6B12.19	-4.032213e-04	1.424538e-03	-1.093666e-03
## SPAC6B12.09	5.322615e-05	-2.082858e-03	3.041489e-03

## SPAC6B12.10c	-2.686822e-03	-4.091655e-03	-2.405487e-03
## SPAC6B12.11	-1.924462e-04	3.919540e-05	-2.237793e-03
## SPNCRNA.43	1.157158e-04	2.606594e-04	8.149352e-05
## SPATRNATHR.02	1.496581e-02	-1.575017e-02	1.019320e-02
## SPAC6B12.12	-2.812138e-02	-1.845566e-03	-2.104817e-04
## SPAC6B12.14c	-8.597229e-03	3.152712e-03	-3.494223e-03
## SPSNORNA.11	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.826	1.945293e-06	1.525682e-06	-4.324763e-05
## SPAC6B12.16	-3.858294e-04	-5.710536e-04	-9.368123e-04
## SPNCRNA.827	8.350334e-04	7.003996e-04	-1.523396e-03
## SPAC32A11.04c	-8.080847e-03	-1.620852e-02	-7.287532e-03
## SPAC32A11.01	1.402912e-04	4.485752e-04	-1.729603e-04
## SPAC32A11.03c	-2.636675e-03	-5.679397e-03	1.324534e-02
## SPAC19A8.15	-1.532569e-02	-5.225823e-03	-3.109082e-02
## SPAC19A8.14	-9.118439e-04	1.231694e-03	4.625154e-03
## SPAC19A8.16	9.494515e-03	1.422159e-04	4.931952e-03
## SPAC19A8.06	4.535009e-03	1.665572e-03	1.504670e-03
## SPAC23H3.02c	-2.617589e-04	1.121490e-03	3.810910e-03
## SPAC23H3.03c	-1.470172e-03	-5.914686e-03	3.115589e-03
## SPNCRNA.558	-1.319338e-06	-6.640074e-05	1.539350e-05
## SPNCRNA.830	-6.712118e-05	8.721441e-04	-2.100585e-04
## SPAC23H3.07c	3.285011e-03	1.414455e-03	-1.338439e-03
## SPAC23H3.09c	3.271299e-02	6.467103e-04	-1.717900e-02
## SPATRNACYS.02	-4.014292e-03	2.713213e-03	-8.829130e-03
## SPAC23H3.10	-1.883854e-04	3.343630e-03	-2.082688e-03
## SPAC23H3.11c	-1.513643e-03	-1.238561e-03	7.065949e-03
## SPAC23H3.12c	-9.161505e-04	9.245606e-04	-2.198767e-03
## SPAC23H3.14	-1.456219e-03	-1.914569e-05	4.827677e-03
## SPNCRNA.832	-2.840494e-04	1.125968e-03	8.390464e-04
## SPAC25H1.02	-2.068187e-03	-4.815975e-03	-1.472140e-03
## SPAC25H1.03	-2.942290e-03	3.232058e-03	4.431242e-03
## SPAC25H1.10c	-1.338878e-04	2.480206e-03	-4.492842e-03
## SPAC25H1.09	1.136991e-04	5.192805e-04	-5.083908e-04
## SPAC4A8.02c	-1.833162e-03	4.722915e-03	2.253748e-04
## SPAC4A8.03c	-1.877909e-03	-1.121414e-03	2.582308e-03
## SPNCRNA.834	-1.031233e-03	8.546839e-04	2.325705e-04
## SPNCRNA.835	1.434334e-04	1.277280e-04	-1.839409e-04
## SPAC4A8.06c	-6.043126e-03	7.015186e-04	6.280651e-03
## SPAC4A8.09c	4.440741e-04	-1.166886e-03	1.332678e-03
## SPAC4A8.11c	6.161829e-03	-1.680633e-02	-5.918061e-05
## SPAC4A8.13c	-5.133550e-03	1.840196e-02	-1.150715e-02
## SPAC4A8.15c	-3.341730e-03	3.233265e-04	1.886378e-02
## SPAC4A8.16c	2.465668e-03	-6.247635e-03	-1.818356e-02
## SPNCRNA.840	4.426351e-04	2.065019e-03	-1.593726e-03
## SPAC823.02	-1.439312e-02	1.936168e-03	-1.077489e-02
## SPAC823.04	5.675016e-03	3.052949e-03	-7.678304e-03
## SPAC823.05c	1.765423e-03	-3.078750e-03	4.404740e-03
## SPAC823.06	4.903646e-04	1.388587e-03	-1.236157e-03
## SPAC823.08c	-1.167000e-03	2.420562e-03	1.901001e-03
## SPAC823.09c	8.362938e-04	1.163496e-03	2.188356e-03
## SPAC823.10c	9.573474e-05	2.677751e-03	2.270737e-04
## SPAC823.15	4.465221e-03	8.851287e-04	2.626768e-03
## SPAC7D4.13c	-3.170383e-03	-1.437006e-04	1.290334e-03
## SPAC7D4.12c	-7.889267e-04	-2.693315e-03	3.183025e-04

## SPAC7D4.10	2.922657e-03	-4.188351e-05	2.461224e-03
## SPNCRNA.842	-2.531780e-04	7.408418e-05	-1.213537e-04
## SPAC7D4.15c	-1.620795e-03	3.031367e-04	-9.993566e-04
## SPAC7D4.07c	-3.336994e-02	-7.485747e-03	-1.351201e-02
## SPSNORNA.12	1.395675e-02	-2.195546e-03	9.328631e-03
## SPAC7D4.05	-8.910168e-04	-1.162463e-03	8.217196e-05
## SPAC7D4.02c	1.176439e-03	-4.470390e-04	-1.050921e-03
## SPAC4F8.13c	-1.814341e-03	-1.299971e-02	7.441536e-03
## SPAC4F8.11	5.984245e-03	2.462255e-03	4.618376e-03
## SPAC4F8.08	2.405689e-04	-1.224403e-03	4.916705e-05
## SPNCRNA.201	-4.666517e-04	-2.286548e-05	-2.314464e-04
## SPAC4F8.06	-2.908592e-03	-6.237494e-04	-4.976678e-03
## SPAC4F8.05c	-7.428750e-04	1.927708e-03	3.236488e-03
## SPAC4F8.04	7.645341e-03	1.475180e-03	3.526261e-03
## SPAC644.06c	-3.888231e-03	3.559599e-03	-1.404794e-02
## SPNCRNA.844	-2.106562e-03	-1.760689e-04	3.054695e-04
## SPATRNLALYS.04	-1.258946e-03	-2.202278e-03	-2.711775e-03
## SPAC644.07	4.853471e-04	2.328098e-03	-3.797627e-03
## SPAC644.09	-1.446720e-03	-3.074972e-04	5.936262e-03
## SPAC644.10	-2.246734e-03	-1.085062e-03	-1.415376e-03
## SPAC644.12	7.089624e-03	-1.209817e-03	-7.960767e-04
## SPAC644.13c	-3.094140e-03	-7.383192e-04	-2.313491e-03
## SPAC644.17c	-5.235164e-05	4.202142e-03	2.401103e-03
## SPNCRNA.198	4.397288e-06	3.163883e-05	1.081186e-04
## SPAC644.18c	1.022471e-03	2.735176e-03	-2.555904e-03
## SPAPB2B4.01c	1.903625e-03	-5.947890e-04	-1.561945e-05
## SPSNORNA.54	1.950871e-03	6.789139e-04	1.462545e-02
## SPNCRNA.846	-5.675742e-05	4.274771e-04	1.061639e-04
## SPAPB2B4.05	2.864587e-04	-4.724135e-03	1.047252e-02
## SPAPB2B4.06	-5.044056e-04	4.260521e-03	1.309539e-03
## SPAPB2B4.07	1.716051e-03	-1.726184e-04	4.613283e-03
## SPAC6F6.01	2.094108e-03	4.805175e-03	-2.541614e-03
## SPNCRNA.204	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.847	2.013618e-04	-2.667912e-05	2.351887e-04
## SPNCRNA.499	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.205	-3.053301e-04	-5.097434e-04	-1.261862e-04
## SPAC6F6.05	-1.270575e-02	-6.583693e-03	-3.654443e-03
## SPAC6F6.06c	-3.887863e-03	-5.129417e-04	-5.326961e-04
## SPAC6F6.07c	1.554176e-02	-1.190917e-02	-1.576612e-02
## SPAC6F6.12	2.196950e-03	9.946273e-04	1.954011e-03
## SPNCRNA.850	-1.062510e-03	6.338550e-04	-4.375108e-04
## SPNCRNA.851	7.359782e-04	-4.586984e-04	-1.603246e-04
## SPAC6F6.19	-1.868504e-03	-1.531337e-03	2.192859e-04
## SPAC6F6.15	2.135552e-03	-2.529044e-03	3.761074e-03
## SPAC6F6.16c	-1.708570e-03	7.298571e-04	6.261052e-03
## SPAC1805.01c	6.048752e-04	-4.138650e-03	-2.839475e-03
## SPAC1805.02c	4.095664e-03	-3.584287e-03	-1.618228e-03
## SPAC1805.06c	-1.498572e-03	1.461890e-03	-6.071717e-03
## SPNCRNA.853	2.270978e-04	7.042056e-04	-5.815425e-04
## SPAC1805.07c	-1.991732e-03	-1.569149e-03	-3.396863e-04
## SPNCRNA.854	-1.207616e-03	1.432474e-03	-5.861965e-04
## SPAC1805.08	1.712874e-04	-2.892987e-03	4.111670e-03
## SPAC1805.18	1.553493e-04	1.818422e-03	-6.576940e-04
## SPAC1805.09c	-6.261657e-04	1.396730e-03	1.106354e-03

## SPAC1805.10	2.945058e-03	7.658975e-04	3.881678e-03
## SPAC1805.12c	-1.525798e-02	-3.303117e-02	1.131487e-02
## SPAC1805.13	2.102859e-02	3.687938e-03	-1.287674e-02
## SPATRNALEU.02	1.824723e-02	-6.133204e-03	-4.531327e-03
## SPAC1B2.02c	4.721932e-03	-1.088032e-03	-3.947555e-03
## SPAC1B2.03c	8.912556e-03	2.216256e-02	5.184956e-02
## SPAC1B2.04	-3.117435e-03	-6.556934e-03	4.348334e-03
## SPAC1B2.05	-1.625991e-04	-5.071499e-05	1.065825e-02
## SPAC3F10.03	-9.122858e-03	-9.653213e-03	-1.477360e-02
## SPAC3F10.04	-1.856772e-03	-1.477057e-03	-1.094065e-02
## SPAC3F10.06c	2.303271e-03	-4.637308e-03	6.818917e-04
## SPNCRNA.855	1.379952e-04	3.877483e-04	1.066306e-04
## SPAC3F10.09	-7.471398e-04	-1.088849e-02	-1.941423e-03
## SPAC3F10.11c	-2.058888e-02	-7.136987e-03	-6.871279e-03
## SPATRNATHR.03	9.909344e-03	-2.556339e-02	-4.088955e-03
## SPAC3F10.15c	-3.933394e-03	-2.971462e-03	-1.262963e-03
## SPAC3F10.13	4.741723e-03	2.588226e-03	2.899619e-03
## SPAC3F10.16c	8.950415e-03	8.376500e-03	1.279308e-02
## SPAC3F10.17	2.786483e-03	5.996384e-03	-4.825457e-03
## SPAC3F10.18c	-3.131535e-02	3.431125e-02	-6.074428e-02
## SPAC8F11.03	-6.933441e-04	-2.424825e-03	2.901357e-03
## SPNCRNA.856	2.677923e-04	-6.641399e-04	2.175592e-04
## SPAC8F11.04	4.130352e-03	1.088267e-02	3.542158e-03
## SPAC8F11.08c	7.375817e-03	-1.864045e-02	1.393614e-02
## SPAC8F11.09c	-7.641452e-03	9.190731e-03	2.413513e-03
## SPNCRNA.857	2.986277e-03	-3.737634e-03	-1.638882e-03
## SPACUNK4.17	-3.762899e-02	-6.349748e-02	7.230433e-02
## SPACUNK4.19	-1.358733e-05	-8.451020e-04	4.740366e-04
## SPACUNK4.16c	-1.498336e-02	6.985468e-03	-1.933785e-03
## SPACUNK4.15	2.655948e-03	-6.885265e-03	-1.314681e-03
## SPACUNK4.14	-1.253217e-03	-3.848184e-04	1.927216e-03
## SPNCRNA.56	-7.284744e-04	3.238700e-04	2.231341e-04
## SPACUNK4.12c	1.455589e-03	-8.467381e-04	1.354375e-03
## SPACUNK4.11c	3.258080e-04	1.139266e-03	-1.073471e-03
## SPACUNK4.20	2.492654e-04	-1.765073e-03	-1.153277e-03
## SPACUNK4.09	2.685136e-03	-1.003704e-03	-1.748459e-03
## SPNCRNA.559	0.000000e+00	0.000000e+00	0.000000e+00
## SPACUNK4.08	-3.373929e-04	3.474333e-03	-5.009390e-03
## SPAPYUK71.03c	-5.303291e-03	-2.757426e-03	1.056386e-02
## SPNCRNA.209	-1.149441e-04	-7.922974e-05	-9.272376e-04
## SPAC513.04	-2.784341e-06	-3.996440e-05	-2.854898e-04
## SPAC513.06c	-1.798439e-03	-8.941107e-03	5.108719e-03
## SPAC513.07	-1.963493e-02	-1.012572e-02	-1.166589e-02
## SPAC2E1P3.02c	3.663997e-04	1.602447e-04	-3.668997e-04
## SPAC2E1P3.03c	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.860	-2.260569e-04	2.129814e-04	1.512040e-04
## SPNCRNA.528	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2E1P3.05c	-1.234346e-02	-8.479233e-03	-1.182885e-02
## SPNCRNA.861	1.759999e-04	-1.002737e-03	4.545940e-04
## SPNCRNA.862	2.343219e-03	1.049786e-03	5.660248e-05
## SPNCRNA.863	4.338863e-03	-5.682944e-04	5.970060e-03
## SPAPB24D3.01	3.391266e-03	3.848648e-03	7.672592e-03
## SPAPB24D3.02c	3.524072e-03	-1.548152e-03	1.482726e-03
## SPAPB24D3.03	4.469882e-04	8.336238e-03	1.870433e-03

## SPAPB24D3.04c	-1.178597e-03	-1.941165e-03	-8.729810e-04
## SPAPB24D3.07c	3.955142e-03	1.636560e-02	6.987671e-04
## SPNCRNA.210	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB24D3.09c	-1.030748e-02	-4.754672e-03	-1.737403e-03
## SPAPB24D3.10c	-1.940166e-03	1.388862e-03	-5.547865e-03
## SPNCRNA.867	-1.265340e-03	-9.211956e-04	-2.662983e-03
## SPNCRNA.868	-1.331403e-04	1.749252e-04	1.200343e-04
## SPNCRNA.869	3.222150e-04	1.805700e-04	3.397325e-04
## SPAPB1A11.04c	7.007540e-03	-7.508436e-03	-7.407405e-04
## SPAC31G5.02	1.567925e-03	-7.122569e-03	9.342443e-03
## SPNCRNA.870	-1.194143e-04	7.347938e-05	1.584433e-04
## SPAC31G5.04	-7.812430e-03	1.241844e-02	4.979226e-03
## SPAC31G5.06	-9.117948e-04	-8.709858e-04	-8.986880e-04
## SPNCRNA.871	-8.816576e-04	-5.328946e-04	-7.542880e-04
## SPAC31G5.08	-5.038286e-03	8.589248e-03	3.210830e-03
## SPNCRNA.71	-2.932316e-04	1.322185e-04	-3.273041e-04
## SPNCRNA.73	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.01	2.692762e-03	-1.068219e-03	1.026394e-04
## SPAC31G5.11	4.491738e-03	-2.498243e-03	4.186088e-03
## SPAC31G5.21	-3.813403e-04	1.333229e-03	-1.401921e-03
## SPNCRNA.874	2.391332e-04	-1.849274e-04	-4.078895e-04
## SPAC31G5.14	-5.396918e-03	-6.907841e-03	-1.143290e-02
## SPAC31G5.16c	-7.672655e-03	-9.863483e-03	3.372624e-03
## SPAC31G5.18c	1.449626e-03	-1.785576e-03	1.226160e-03
## SPAC31G5.19	4.662594e-03	-6.060193e-03	-3.507803e-03
## SPNCRNA.876	-3.791104e-04	-8.271243e-04	3.140303e-04
## SPNCRNA.877	2.457356e-04	-8.997459e-04	6.806204e-04
## SPAC1786.02	-1.190261e-02	-5.001368e-03	1.391291e-02
## SPNCRNA.88	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1786.03	3.508445e-03	-2.799230e-04	2.033259e-03
## SPAC24C9.02c	-9.630132e-04	3.457130e-03	3.970890e-04
## SPAC24C9.04	-2.575186e-03	-3.621537e-03	2.160792e-03
## SPAC24C9.05c	-4.510206e-03	-2.878838e-03	-9.855320e-03
## SPAC24C9.07c	1.957299e-03	3.544314e-03	-1.962248e-03
## SPNCRNA.881	-3.473711e-05	-4.543914e-04	-3.637697e-04
## SPNCRNA.882	1.767881e-04	3.270663e-05	7.645972e-05
## SPAC24C9.08	1.306967e-02	-2.398654e-03	6.426004e-03
## SPAC24C9.10c	-3.178682e-03	4.715538e-03	-1.900637e-03
## SPAC24C9.11	4.852817e-04	-3.942981e-03	-1.160607e-02
## SPAC24C9.12c	3.049002e-02	5.636183e-03	1.939173e-02
## SPNCRNA.213	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16A10.02	4.187613e-03	-6.880991e-04	3.116353e-03
## SPNCRNA.884	-3.039379e-04	-1.830285e-04	-1.010344e-04
## SPATRNLAYS.05	1.427216e-03	-2.212061e-03	-2.205176e-03
## SPAC16A10.05c	-1.680992e-03	5.300127e-05	6.063681e-04
## SPAC16A10.06c	-8.218226e-04	-4.473141e-04	-1.067325e-03
## SPAC16A10.07c	6.163540e-04	4.091558e-03	7.300888e-03
## SPNCRNA.885	6.719865e-04	8.007770e-04	9.068737e-04
## SPAC16A10.08c	-2.759554e-04	-3.167611e-04	2.240002e-03
## SPAC589.03c	2.901179e-03	2.776906e-03	-2.034585e-03
## SPAC589.06c	1.850545e-03	1.403852e-02	1.287403e-02
## SPAC589.08c	5.436347e-04	2.222473e-03	3.402102e-04
## SPAC589.11	-3.849087e-04	-1.976746e-03	-7.531407e-05
## SPAC688.02c	3.902580e-04	-2.259918e-03	-2.473811e-04

## SPAC688.06c	-1.102122e-03	5.973078e-04	3.710711e-04
## SPAC688.07c	-9.922628e-04	-6.438317e-03	8.424197e-03
## SPAC688.08	3.274997e-03	-1.505785e-03	6.199848e-03
## SPAC688.09	7.119291e-03	-7.619772e-04	-3.117903e-03
## SPNCRNA.888	7.519285e-04	2.407300e-03	2.582640e-03
## SPNCRNA.889	-1.008169e-03	-1.284866e-03	1.943598e-03
## SPAC688.13	-1.640873e-03	2.419633e-03	2.556008e-03
## SPNCRNA.890	-5.221527e-04	-1.535602e-04	8.835158e-04
## SPAC688.14	3.076178e-04	4.848080e-04	-3.315100e-03
## SPAC688.16	2.931291e-04	6.455507e-03	-5.315520e-04
## SPNCRNA.891	-1.845466e-04	-2.478517e-04	-8.164998e-04
## SPAC3G9.15c	-7.877927e-05	-3.059535e-03	-1.871337e-03
## SPNCRNA.216	4.949491e-05	3.211991e-05	-4.529122e-07
## SPAC3G9.13c	3.486591e-04	-1.316704e-03	4.720581e-04
## SPNCRNA.217	-1.045908e-05	9.149838e-05	2.124409e-04
## SPAC3G9.11c	9.105889e-04	1.136238e-04	1.073222e-03
## SPAC3G9.17	2.481259e-03	-1.099958e-03	-2.078037e-03
## SPATRNATHR.04	4.913714e-02	-6.116523e-02	-3.930193e-03
## SPNCRNA.218	2.095273e-04	-1.895299e-03	1.605068e-03
## SPNCRNA.892	9.143089e-04	-5.551121e-05	8.585941e-04
## SPAC3G9.09c	2.873425e-03	1.282054e-02	3.804516e-03
## SPAC3G9.07c	-1.227324e-03	3.357537e-04	1.488375e-03
## SPAC3G9.06	-1.079024e-03	-8.653252e-03	5.178050e-03
## SPAC3G9.03	-4.228861e-02	-7.388757e-02	2.225553e-02
## SPAC3G9.01	-8.539338e-05	4.795567e-04	3.341771e-04
## SPAC1486.01	6.737532e-03	-7.991998e-03	1.413539e-02
## SPAC1486.05	-1.780941e-02	-4.517477e-02	2.335053e-02
## SPNCRNA.894	2.144032e-04	-7.008492e-04	-5.532186e-04
## SPAC1486.11	-2.146132e-03	-4.547144e-04	-2.540245e-03
## SPAC1486.07c	-4.445865e-04	-2.965047e-03	1.505295e-03
## SPAC1486.08	-3.851148e-03	4.156872e-03	-3.365535e-03
## SPAC1486.10	1.734682e-03	-6.947321e-03	1.125821e-03
## SPAC6G10.02c	3.028122e-03	-1.638098e-02	8.034834e-03
## SPAC6G10.03c	-1.158883e-03	-3.504024e-03	-2.495788e-03
## SPAC6G10.04c	-1.550574e-02	5.580221e-03	1.482973e-02
## SPAC6G10.05c	5.403662e-03	-9.472257e-04	3.111403e-03
## SPNCRNA.896	-1.757246e-03	4.987423e-04	2.052262e-03
## SPAC6G10.07	-4.283440e-03	1.229674e-02	1.257893e-04
## SPAC6G10.08	4.028371e-03	-1.584553e-03	-3.286489e-03
## SPAC6G10.09	2.312823e-02	-1.528333e-02	-1.003572e-02
## SPAC6G10.10c	-1.076775e-03	5.902197e-04	3.592073e-03
## SPAC6G9.02c	-3.923960e-04	2.429794e-03	-7.112681e-03
## SPAC6G9.03c	1.751333e-03	-1.497638e-03	3.259910e-04
## SPAC6G9.09c	1.305563e-02	-4.212351e-03	-2.157317e-02
## SPAC6G9.12	-3.049067e-03	6.550908e-03	1.500096e-03
## SPNCRNA.899	-1.089456e-04	-3.188798e-05	-4.202861e-05
## SPAC6G9.15c	-1.502279e-03	-3.589917e-03	-1.856563e-03
## SPAPB1E7.01c	-1.819763e-03	-2.079845e-03	-1.383537e-03
## SPAC652.01	9.674511e-04	1.475344e-03	5.545690e-05
## SPAPB1E7.03	3.061178e-03	-4.218814e-03	2.446425e-03
## SPAPB1E7.04c	-6.598920e-03	-1.949832e-02	-6.516350e-03
## SPAPB1E7.06c	1.476645e-03	-2.381833e-03	1.487307e-03
## SPNCRNA.900	7.481485e-04	2.639865e-04	6.880820e-04
## SPAPB1E7.07	3.448414e-02	-3.834545e-03	4.623653e-02

## SPNCRNA.901	-6.648301e-04	-6.750625e-04	-7.118649e-04
## SPSNORNA.43	-6.848317e-06	-1.338892e-05	-6.618703e-06
## SPAPB1E7.10	-6.810678e-04	-1.580171e-05	-1.263988e-03
## SPAC2E1P5.01c	-7.767785e-03	1.760336e-03	-1.046047e-02
## SPAC2E1P5.03	-1.567925e-03	-4.163591e-03	-2.016172e-03
## SPAC2E1P5.05	4.535120e-03	-5.790993e-03	1.157240e-02
## SPAC26A3.02	2.182584e-03	-5.266924e-03	1.820980e-04
## SPAC26A3.05	1.641601e-03	-2.321929e-02	-3.950595e-02
## SPAC26A3.08	8.190374e-03	-2.188316e-03	-5.874285e-03
## SPAC26A3.09c	5.412613e-03	5.310471e-03	3.345998e-03
## SPAC26A3.10	6.538569e-03	2.475115e-03	2.995422e-03
## SPAC26A3.13c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26A3.15c	1.419314e-03	2.995345e-03	-3.344433e-03
## SPAC8E11.12	1.002424e-04	-5.599623e-05	6.001372e-04
## SPNCRNA.903	7.425796e-04	6.000554e-04	-2.834106e-04
## SPAC8E11.08c	8.944155e-04	-1.227347e-03	-7.147785e-06
## SPAC8E11.06	-2.769550e-04	3.840224e-04	-8.103363e-04
## SPAC8E11.04c	3.029906e-03	1.143393e-04	-2.025291e-03
## SPNCRNA.904	4.751496e-04	-7.788280e-04	-2.529512e-03
## SPAC8E11.03c	-4.589009e-04	3.488769e-04	-5.373184e-05
## SPAC8E11.02c	2.740050e-02	4.660891e-03	3.060333e-03
## SPAC959.02	-2.590423e-03	7.376274e-04	-4.840151e-03
## SPAC959.03c	7.432230e-03	7.275091e-03	-1.127744e-02
## SPAC959.11	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.906	-1.504159e-03	-6.855037e-04	1.069334e-03
## SPAC959.05c	2.551533e-03	5.599831e-04	4.145047e-03
## SPAC959.07	3.078842e-02	3.440123e-02	-4.017902e-02
## SPAC959.09c	1.366795e-03	-1.350137e-03	5.351064e-05
## SPAP32A8.02	-1.195072e-02	-2.903940e-03	-4.742475e-03
## SPAP32A8.03c	1.927898e-03	-2.758226e-04	5.401117e-03
## SPAC3H5.10	5.722871e-03	-1.330035e-03	-6.028671e-02
## SPAC3H5.08c	4.057138e-03	4.819844e-03	-3.414106e-03
## SPAC3H5.06c	4.745497e-03	-8.811113e-03	-9.368887e-03
## SPAC3A11.13	4.562782e-04	1.760757e-03	1.876423e-03
## SPAC3A11.12c	3.819211e-03	4.764095e-04	-2.015523e-02
## SPAC3A11.10c	4.457172e-05	1.025535e-04	-3.870694e-03
## SPAC3A11.09	5.979641e-03	2.415974e-03	-1.260026e-03
## SPNCRNA.909	2.545620e-03	-4.553886e-03	-2.650955e-05
## SPNCRNA.910	4.873802e-04	9.393871e-04	2.812511e-04
## SPAC3A11.05c	2.888130e-05	-5.499029e-04	2.681855e-03
## SPAC3A11.04	-2.021617e-03	-1.852739e-03	-3.529242e-03
## SPAC3A11.03	-3.320753e-03	-8.358245e-05	1.692818e-03
## SPAC3A11.02	-2.313538e-03	-1.573723e-03	3.061316e-03
## SPAC328.04	1.957483e-03	-6.152725e-03	1.053934e-03
## SPAC328.05	-8.433573e-05	3.810165e-03	-1.287602e-03
## SPAC328.06	7.014985e-03	5.944547e-03	-5.542599e-03
## SPAC328.08c	6.545315e-05	-1.991455e-03	6.730595e-04
## SPAC328.10c	-1.228083e-02	3.343065e-02	9.758681e-03
## SPNCRNA.222	1.056083e-04	-6.206006e-05	-1.716662e-05
## SPAC16E8.02	1.440600e-03	-9.924076e-04	2.877289e-04
## SPAC16E8.03	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC16E8.05c	5.552137e-04	1.006798e-03	1.619916e-04
## SPAC16E8.06c	7.869344e-03	-8.786105e-03	-2.249620e-03
## SPAC16E8.07c	4.532021e-04	-3.213564e-03	-7.742112e-03

## SPAC16E8.09	3.150934e-03	-3.601697e-03	5.564141e-03
## SPAC16E8.13	4.082363e-03	1.676039e-03	1.356857e-03
## SPAC16E8.15	-1.685618e-03	1.901764e-02	2.457835e-03
## SPAC16E8.18c	-2.043070e-03	2.571721e-03	2.067996e-03
## SPAC1B1.01	1.139350e-03	3.355039e-03	6.877466e-04
## SPNCRNA.915	9.820904e-04	1.829629e-04	-5.298729e-04
## SPAC17A2.01	9.632056e-04	-1.700278e-03	-2.664208e-03
## SPAC17A2.02c	9.836640e-03	7.656464e-03	8.182956e-03
## SPAC17A2.04c	2.516452e-03	-2.296622e-03	-4.204116e-03
## SPNCRNA.124	5.976962e-05	1.495619e-05	1.143781e-04
## SPATRNATRP.01	1.519286e-03	-4.541056e-04	6.690007e-04
## SPAC17A2.05	2.927030e-03	-3.390072e-03	-8.484305e-03
## SPAC17A2.06c	7.527260e-03	-4.208530e-03	-5.600161e-03
## SPAC17A2.07c	-4.442978e-04	-2.331940e-03	-3.381957e-04
## SPAC17A2.08c	1.331114e-03	2.512066e-03	3.063319e-03
## SPAC17A2.09c	1.293172e-02	-7.676382e-03	-2.969518e-03
## SPAC17A2.10c	-1.172753e-04	2.224660e-04	1.685941e-03
## SPAC17A2.11	-4.371856e-04	-1.515697e-04	2.083020e-04
## SPNCRNA.920	7.399163e-04	2.141535e-03	2.273776e-03
## SPAC17G6.02c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.03	-1.637117e-03	1.494761e-04	6.976952e-03
## SPATRNALEU.03	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.226	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.04c	4.615530e-03	-1.890684e-03	7.047699e-03
## SPAC17G6.05c	1.790376e-03	-2.513684e-03	1.125774e-03
## SPAC17G6.06	-3.874712e-04	4.176244e-02	2.499893e-03
## SPAC17G6.08	-1.262685e-03	-4.009602e-04	2.470433e-03
## SPAC17G6.10	-1.747874e-03	-2.081775e-03	-4.423659e-03
## SPAC17G6.11c	-2.828784e-03	-6.989156e-03	-2.644681e-03
## SPNCRNA.921	-2.935453e-04	-9.947544e-05	-4.149166e-04
## SPAC17G6.13	-1.582826e-02	-9.710218e-03	-3.776230e-03
## SPAC17G6.14c	5.184586e-03	-2.395501e-02	8.444307e-03
## SPAC17G6.15c	2.079575e-04	-3.816612e-03	3.212316e-03
## SPAC17G6.16c	-4.019727e-03	-1.456263e-03	9.432664e-03
## SPAC17G6.17	-1.952214e-03	1.670551e-03	1.469876e-03
## SPAC1142.01	3.134731e-03	-3.376635e-03	4.198914e-03
## SPAC1142.02c	-1.796345e-03	7.348180e-03	4.913428e-03
## SPAC1142.04	-6.361767e-03	1.449790e-03	8.661934e-03
## SPNCRNA.923	-1.433990e-04	-6.817981e-05	1.039323e-03
## SPAC1142.05	-1.382548e-02	-9.901853e-04	-1.442728e-03
## SPAC1142.06	1.074301e-03	1.213542e-02	1.694092e-03
## SPAC1142.07c	-5.455067e-03	3.615453e-03	4.295773e-03
## SPAC1142.08	3.615290e-03	-4.483144e-03	1.125871e-04
## SPAC1142.09	-1.755144e-06	-4.723155e-05	4.555271e-04
## SPNCRNA.925	1.211464e-03	1.927788e-03	4.576418e-04
## SPAC8C9.04	6.375768e-04	5.592551e-03	-1.600490e-03
## SPAC8C9.07	-5.232198e-04	6.869492e-04	-5.120362e-03
## SPAC8C9.08	6.287286e-03	8.062227e-03	9.288351e-03
## SPAC8C9.09c	-2.244159e-03	-1.722763e-04	2.621609e-03
## SPAC8C9.11	-1.962093e-03	-1.352566e-03	-1.084062e-03
## SPNCRNA.228	6.331462e-04	-1.600759e-03	2.404716e-04
## SPAC8C9.19	1.252080e-05	2.786324e-04	8.601588e-04
## SPAC8C9.12c	-1.238510e-03	-2.623379e-03	-4.764551e-03
## SPAC8C9.14	-9.382930e-03	1.285862e-02	8.542122e-03

## SPAC8C9.15c	-1.881535e-03	3.206388e-03	-6.609723e-03
## SPNCRNA.926	-1.055059e-03	-8.333921e-04	9.341534e-04
## SPAC15A10.17	6.389323e-04	-1.943755e-03	5.108019e-05
## SPAC15A10.06	2.195664e-03	-6.332078e-03	-1.106202e-03
## SPNCRNA.927	4.291078e-04	-8.926339e-05	-3.693481e-04
## SPAC15A10.08	-5.764006e-04	-6.633352e-03	4.144092e-03
## SPAC15A10.09c	-2.992754e-03	-3.675506e-03	5.010512e-03
## SPNCRNA.928	-5.484608e-04	3.616128e-04	2.959648e-05
## SPNCRNA.18	0.000000e+00	0.000000e+00	0.000000e+00
## SPATRNACYS.03	5.780932e-03	1.465918e-03	3.003697e-02
## SPAC15A10.11	5.416747e-04	-9.856378e-03	-3.433942e-03
## SPAC15A10.12c	-4.431214e-04	-6.007216e-04	1.381308e-03
## SPAC15A10.13	4.301485e-03	-9.714609e-03	-1.451857e-04
## SPNCRNA.229	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.930	-1.150486e-03	-1.621290e-04	-5.018447e-04
## SPAC15E1.03	3.750739e-02	2.243791e-02	-1.727105e-02
## SPAC15E1.05c	-5.903824e-04	-5.520926e-03	-5.853990e-04
## SPAC15E1.09	-1.356543e-03	-7.360139e-04	-4.266871e-03
## SPAC15E1.10	-2.134412e-03	-1.125729e-03	2.251061e-03
## SPNCRNA.932	1.655632e-04	5.115962e-04	-3.034168e-04
## SPAP7G5.02c	-1.087402e-02	-1.593207e-02	6.750520e-03
## SPATRNAARG.02	0.000000e+00	0.000000e+00	0.000000e+00
## SPAP7G5.05	1.417504e-02	-1.034151e-02	3.000277e-02
## SPNCRNA.934	1.907788e-03	9.710821e-04	1.164377e-03
## SPNCRNA.935	1.661008e-03	1.012121e-03	6.617351e-04
## SPNCRNA.84	5.245341e-05	-8.928583e-05	7.991940e-06
## SPNCRNA.230	7.134525e-06	2.316138e-05	2.030935e-05
## SPNCRNA.231	-9.550067e-05	1.412736e-04	1.609159e-04
## SPNCRNA.232	-1.046704e-05	-1.870137e-05	-1.115470e-04
## SPATRNAILE.03	2.858401e-05	-1.893383e-03	1.023238e-03
## SPNCRNA.233	2.548613e-05	1.172949e-05	-1.206250e-05
## SPATRNAGLU.04	4.237109e-03	2.845731e-02	-5.807069e-02
## SPATRNAALA.05	6.565951e-04	9.528344e-04	9.371726e-04
## SPNCRNA.234	-9.490155e-05	-5.599229e-05	-2.396112e-04
## SPAC1556.01c	1.141112e-03	-1.355395e-04	-1.010629e-03
## SPAC1556.03	1.140115e-03	4.554218e-03	-5.100896e-03
## SPAC1556.04c	-1.278019e-03	-8.829913e-04	2.909468e-03
## SPAC1556.05c	-2.413937e-03	2.033388e-03	-3.729236e-03
## SPAC1F12.02c	5.416019e-03	-4.174391e-02	8.295828e-02
## SPAC1F12.03c	1.487939e-03	1.948413e-03	-2.423764e-04
## SPAC1F12.04c	-2.611105e-03	1.055896e-03	-2.750614e-03
## SPAC1F12.05	-1.788603e-03	6.487598e-04	7.822730e-03
## SPAC1F12.07	2.593814e-03	8.491355e-03	1.118532e-03
## SPNCRNA.937	1.560556e-03	9.812886e-04	1.238698e-03
## SPAC4H3.01	9.716576e-03	-8.492087e-04	-2.063234e-04
## SPAC4H3.03c	5.297614e-04	-3.878048e-04	-3.702727e-03
## SPAC4H3.06	2.117559e-03	-1.192539e-03	-1.133109e-03
## SPAC4H3.09	-1.952639e-03	-1.723181e-03	-1.662102e-03
## SPNCRNA.941	-9.175742e-06	2.271940e-04	-1.536355e-04
## SPNCRNA.236	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.510	-2.148884e-04	-3.701952e-04	-2.159463e-04
## SPNCRNA.942	-3.479036e-04	-1.131706e-03	-5.587905e-03
## SPAC4H3.12c	-5.553596e-04	2.067980e-04	-4.651504e-04
## SPSNORNA.30	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC1071.01c	-3.167204e-03	-1.375003e-02	8.152907e-03
## SPAC1071.02	-2.857500e-03	4.469669e-03	6.899619e-03
## SPAC1071.03c	-2.242659e-03	-5.574585e-03	3.202694e-03
## SPNCRNA.237	3.871117e-04	-1.329716e-04	3.904403e-04
## SPNCRNA.943	9.331334e-04	6.457517e-04	1.487600e-04
## SPAC1071.05	-3.300565e-04	-5.905100e-03	7.412605e-03
## SPAC1071.06	1.187013e-04	-4.711392e-04	4.457855e-03
## SPAC1071.08	1.009178e-02	-5.992885e-03	-1.582572e-02
## SPAC1071.10c	4.306586e-03	5.238383e-02	1.163728e-01
## SPNCRNA.93	1.031125e-04	3.687771e-04	-1.736961e-04
## SPAC1071.13	-2.137560e-04	-3.846928e-04	4.712849e-03
## SPNCRNA.945	-7.592434e-05	-9.483500e-04	-2.703864e-04
## SPNCRNA.94	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1071.12c	4.518911e-04	2.567836e-03	-4.681985e-03
## SPAC926.02	1.319319e-03	-3.912516e-03	7.606221e-03
## SPNCRNA.946	4.002076e-03	-3.143886e-04	1.990332e-03
## SPAC926.10	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC926.03	-1.153065e-03	2.956721e-03	-6.569630e-04
## SPAC926.04c	-9.762532e-02	1.814422e-02	1.074064e-01
## SPRRNA.18	6.071219e-02	-1.083704e-02	1.119010e-02
## SPAC926.05c	4.039150e-03	-7.321209e-04	8.104928e-04
## SPAC926.09c	-6.851443e-02	-3.444810e-02	9.285668e-05
## SPAC323.01c	2.356794e-03	-3.248633e-03	3.160971e-03
## SPNCRNA.948	1.134929e-04	-1.226138e-03	7.538311e-04
## SPAC323.06c	-1.487918e-03	2.008830e-03	9.872320e-04
## SPAC323.07c	5.489202e-03	-8.488345e-03	-7.754952e-04
## SPAC2F3.02	1.154387e-02	-1.754910e-03	-7.733128e-03
## SPAC2F3.03c	6.097702e-03	-7.610157e-03	-6.820897e-03
## SPAC2F3.04c	-2.392164e-03	-5.707396e-03	-1.297258e-03
## SPAC2F3.05c	9.899199e-03	-2.057063e-03	-4.780815e-03
## SPAC2F3.06c	4.764261e-03	-1.943642e-02	7.930123e-03
## SPAC2F3.08	3.786620e-04	4.323238e-04	4.206335e-03
## SPNCRNA.949	2.098251e-04	-1.280255e-03	2.994111e-03
## SPNCRNA.950	-2.114823e-04	9.848245e-05	-2.947057e-05
## SPAC2F3.18c	-8.425838e-04	-2.510970e-03	-1.924231e-03
## SPAC2F3.11	-5.707096e-03	-6.019309e-03	-1.222146e-03
## SPNCRNA.240	-3.186900e-04	-8.723010e-05	-3.589234e-04
## SPAC11G7.01	1.057830e-03	-5.572564e-03	-2.064887e-03
## SPAC11G7.02	1.704040e-03	-1.209064e-02	6.588619e-03
## SPAC11G7.03	2.930793e-03	2.605437e-03	-1.144363e-02
## SPAC11G7.04	2.884013e-02	-3.993165e-03	2.854161e-03
## SPAPB18E9.01	-3.214910e-03	3.729218e-05	4.777108e-03
## SPAPB18E9.05c	5.471631e-03	-1.238368e-02	-4.321548e-03
## SPAPB15E9.01c	1.038150e-02	5.101090e-03	5.570397e-02
## SPAPB15E9.02c	-9.898558e-04	-7.820188e-04	7.633823e-04
## SPAC27E2.02	-7.579102e-05	5.768627e-03	4.530932e-03
## SPNCRNA.53	7.479270e-06	2.027704e-05	5.594118e-06
## SPAC27E2.14	-2.904817e-04	6.647295e-04	-4.464664e-04
## SPAC27E2.05	2.634732e-03	3.147004e-04	2.557449e-03
## SPAC27E2.09	2.170530e-03	-1.022667e-02	-1.976573e-03
## SPAC27E2.10c	-4.403333e-04	-1.563591e-03	4.697855e-04
## SPAPJ698.03c	-7.577341e-04	-1.680837e-02	4.005308e-03
## SPAC19G12.02c	2.202601e-03	7.033851e-04	1.540762e-03
## SPAC19G12.04	2.219557e-03	1.106586e-03	-1.493580e-03

## SPAC19G12.06c	-5.919955e-03	4.760714e-03	1.095165e-02
## SPAC19G12.07c	8.727587e-05	-1.270875e-03	7.316939e-03
## SPAC19G12.08	-1.438668e-03	-2.133803e-03	2.748726e-03
## SPATRNALEU.04	4.308630e-02	-1.380212e-02	4.301691e-02
## SPAC19G12.09	-6.472801e-03	-1.199036e-02	1.349794e-03
## SPAC19G12.13c	8.395895e-04	2.904864e-03	6.530060e-04
## SPAC19G12.14	6.093712e-03	-4.115129e-04	-1.190776e-04
## SPAC23A1.07	-1.552401e-03	-2.609446e-04	4.025773e-04
## SPAC23A1.08c	2.681610e-02	-4.515524e-03	6.678146e-02
## SPAC23A1.10	1.170158e-02	2.930700e-02	-2.401042e-02
## SPAC23A1.15c	-3.834132e-03	-3.937795e-03	-3.910353e-03
## SPAC23A1.16c	-2.985250e-03	-2.614870e-03	-4.069979e-04
## SPNCRNA.341	-7.643553e-05	-7.694189e-05	-1.314222e-04
## SPAC26H5.04	-1.105917e-02	-3.138028e-03	-5.080366e-04
## SPNCRNA.961	9.421922e-05	-9.228073e-04	1.092500e-03
## SPAC26H5.07c	1.219432e-02	-7.342476e-03	1.031245e-02
## SPAC26H5.08c	9.189234e-03	1.287288e-03	4.175939e-03
## SPNCRNA.962	-2.701400e-06	-8.199390e-06	6.418051e-06
## SPNCRNA.306	-9.777507e-06	-4.776488e-06	-8.385052e-05
## SPAC26H5.09c	4.002069e-03	6.060941e-03	-6.237841e-03
## SPAC26H5.10c	3.891849e-03	4.015679e-02	5.296381e-03
## SPNCRNA.964	-2.950258e-04	1.737811e-03	-5.968871e-04
## SPNCRNA.965	4.502820e-05	-2.095677e-03	1.321445e-03
## SPNCRNA.242	5.252325e-02	-5.948623e-02	6.812825e-02
## SPSNORNA.13	-3.273167e-02	1.286422e-01	-1.388514e-01
## SPAC25B8.02	1.590418e-04	1.276130e-03	2.538924e-03
## SPAC25B8.03	7.420924e-04	-3.232934e-03	7.937900e-04
## SPAC25B8.04c	-1.585830e-03	-1.543124e-03	-4.567137e-04
## SPAC25B8.05	2.266671e-03	1.871699e-03	1.119862e-03
## SPAC25B8.07c	-2.565603e-03	1.239754e-03	4.622542e-03
## SPAC25B8.20	1.530180e-03	-1.351635e-03	-2.337124e-03
## SPNCRNA.967	-9.170594e-05	-3.117417e-04	1.943662e-03
## SPAC25B8.10	2.128728e-03	-1.111663e-03	-1.006791e-02
## SPAC25B8.11	8.117391e-03	-6.304760e-03	-2.001126e-03
## SPNCRNA.968	2.328034e-03	3.231780e-04	-1.005926e-03
## SPAC25B8.13c	3.158310e-03	4.947316e-03	-3.977592e-04
## SPRRNA.19	-2.676618e-03	-6.694134e-04	-5.176516e-04
## SPAC25B8.14	3.196031e-03	-1.528057e-03	2.641506e-03
## SPAC25B8.15c	-1.655480e-03	-3.313027e-03	-1.658824e-03
## SPAC25B8.16	2.124832e-04	-4.631774e-03	8.478269e-03
## SPNCRNA.970	-2.342297e-03	-4.616047e-04	1.193432e-03
## SPNCRNA.971	-1.312906e-03	5.986205e-04	-9.068199e-04
## SPAC694.03	1.377948e-03	-3.489725e-03	-2.653165e-03
## SPAC694.04c	4.337194e-03	7.166974e-03	-2.679160e-03
## SPNCRNA.972	-1.967649e-03	6.908293e-04	-1.425534e-03
## SPAC1F7.02c	9.465911e-04	1.452525e-02	6.353590e-03
## SPAC1F7.03	1.841520e-03	-1.087647e-02	1.783990e-03
## SPAC1F7.06	-1.170420e-04	-6.342756e-06	2.415069e-05
## SPAC1F7.07c	-9.936608e-03	-7.342051e-03	3.404913e-03
## SPSNORNA.14	8.038518e-05	-3.938693e-06	1.982014e-05
## SPRRNA.20	-3.471924e-03	-9.964943e-03	-6.763289e-02
## SPAC1F7.10	1.957475e-03	3.674229e-03	2.725949e-03
## SPAC1F7.11c	2.004611e-03	-8.191075e-04	-4.338912e-04
## SPAC1F7.12	1.963194e-03	-7.049962e-04	8.800633e-04

## SPAC21E11.03c	-5.084713e-03	-2.381610e-03	-1.619047e-03
## SPAC21E11.05c	-3.239686e-03	-8.490063e-05	-4.101879e-03
## SPAC21E11.08	1.102706e-03	-2.686703e-03	2.002083e-03
## SPATRNASER.03	1.163899e-03	1.391060e-03	-1.185576e-02
## SPATRNAMET.03	4.200803e-03	1.089471e-03	3.775980e-03
## SPAC2C4.05	-1.350174e-03	-1.025958e-02	1.655985e-04
## SPAC2C4.06c	1.393624e-03	-1.172245e-04	5.342285e-03
## SPAC2C4.08	4.348586e-04	-7.885720e-04	1.769833e-03
## SPAC2C4.11c	1.619766e-03	-4.967053e-03	2.239723e-03
## SPAC2C4.12c	7.758356e-03	-2.318296e-04	-5.692994e-03
## SPAC2C4.14c	3.093497e-03	3.201143e-03	-2.625567e-03
## SPAC2C4.15c	5.130863e-03	6.724174e-03	9.020554e-03
## SPAC2C4.16c	7.417310e-04	-1.091368e-01	2.981713e-03
## SPNCRNA.974	-3.373546e-03	5.828377e-04	-1.069253e-03
## SPNCRNA.975	-4.056568e-04	4.134570e-04	7.015115e-04
## SPNCRNA.976	3.383505e-04	2.153954e-04	-9.904144e-04
## SPAC25G10.01	5.040665e-03	1.463191e-03	3.748825e-03
## SPAC25G10.05c	-1.338666e-02	1.092591e-02	-3.962192e-03
## SPAC25G10.06	-7.546175e-03	-7.864773e-03	-2.827763e-03
## SPAC25G10.07c	-1.300452e-03	-5.553587e-04	-1.572704e-03
## SPAC25G10.09c	-1.073434e-02	2.294321e-03	8.324749e-03
## SPAC27F1.02c	-7.536575e-03	-6.246386e-03	1.201280e-02
## SPAC27F1.03c	-1.134243e-03	-2.300220e-03	-7.268521e-04
## SPAC27F1.04c	1.483728e-03	-3.493220e-03	-5.870430e-04
## SPAC27F1.07	4.962864e-03	-1.496539e-03	1.140590e-02
## SPAC27F1.08	9.626369e-03	4.541907e-03	4.622994e-03
## SPAC27F1.09c	-1.917277e-03	7.629213e-03	-3.795146e-03
## SPAC23D3.01	5.550274e-03	-3.858615e-03	3.054219e-03
## SPAC23D3.02	-2.367288e-03	9.799813e-04	-1.153214e-02
## SPAC23D3.03c	5.154455e-03	-5.006706e-03	1.479680e-02
## SPNCRNA.979	2.213719e-03	-4.420938e-03	-1.140396e-03
## SPAC23D3.08	-4.087718e-03	1.755937e-03	3.137896e-03
## SPAC23D3.11	-4.281142e-03	-4.910269e-04	1.570943e-03
## SPNCRNA.980	-2.129241e-04	4.695611e-04	3.601645e-04
## SPAC23D3.17	-3.557351e-03	1.039814e-03	1.346602e-04
## SPNCRNA.981	-1.078819e-04	2.661205e-04	1.905798e-04
## SPAC30.01c	1.268493e-02	-3.426330e-03	-7.890353e-03
## SPAC30.02c	2.425256e-03	-5.799594e-04	5.859043e-04
## SPAC30.04c	7.685965e-03	-9.693064e-03	1.401032e-02
## SPAC29E6.01	5.569495e-03	1.984048e-03	2.071094e-03
## SPAC29E6.03c	5.958085e-04	-1.564551e-03	4.234015e-03
## SPAC29E6.05c	-1.536389e-03	-1.869069e-04	1.586298e-03
## SPAC29E6.04	9.423120e-04	1.309965e-03	3.140428e-03
## SPAC29E6.07	2.476504e-04	-3.241468e-04	-3.240287e-04
## SPAC29E6.08	-2.993544e-02	7.981299e-03	3.354928e-03
## SPAC16.01	1.609106e-03	-6.132055e-04	1.002037e-03
## SPNCRNA.986	5.206876e-05	-4.540636e-04	-8.831989e-04
## SPAC16.03c	-1.886911e-03	-2.204019e-03	-1.345123e-02
## SPAC16.05c	-1.283224e-02	4.357408e-03	-1.072402e-02
## SPAC9E9.01	5.028953e-04	2.782332e-04	1.732795e-04
## SPAC9E9.17c	-2.796495e-05	-5.291481e-05	-5.154501e-05
## SPNCRNA.987	-1.513575e-04	-4.459418e-04	7.031522e-05
## SPNCRNA.12	-6.680176e-05	-3.543087e-05	4.943689e-05
## SPAC9E9.03	5.743119e-02	-6.396228e-02	9.427744e-03

## SPAC9E9.04	-6.422929e-03	1.748390e-03	1.085008e-03
## SPAC9E9.09c	-1.565999e-02	-1.483005e-02	-3.261234e-02
## SPNCRNA.989	-1.006195e-03	1.881907e-03	6.101929e-04
## SPAC9E9.15	-3.448387e-03	-4.027532e-03	6.438448e-03
## SPNCRNA.311	-1.816661e-04	5.367325e-05	-2.156551e-05
## SPNCRNA.991	-3.144341e-04	6.500433e-04	-2.014979e-04
## SPAC17C9.14	1.731217e-03	-1.196289e-03	-1.486784e-04
## SPAC17C9.10	3.463066e-03	1.201416e-03	1.526734e-03
## SPAC17C9.07	-1.167481e-03	3.651753e-03	-1.014119e-03
## SPAC17C9.05c	8.120888e-04	1.692985e-03	-6.680501e-04
## SPAC17C9.01c	5.694974e-03	1.112016e-03	2.236816e-03
## SPAC1851.04c	-5.088472e-03	-5.540078e-04	2.125580e-03
## SPAC27D7.02c	2.944487e-04	-1.360935e-03	-3.017951e-03
## SPNCRNA.993	-3.351746e-04	-4.147803e-04	-2.676940e-04
## SPNCRNA.994	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.130	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27D7.06	-7.166914e-03	3.628618e-03	-1.076366e-02
## SPNCRNA.995	9.074777e-04	1.308432e-03	-2.411284e-05
## SPNCRNA.248	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.996	-6.517685e-04	5.386515e-04	2.851123e-04
## SPAC637.03	-4.241987e-03	-1.283195e-02	6.362947e-03
## SPAC637.04	-6.191128e-04	-3.148431e-03	1.300747e-03
## SPAC637.05c	7.849984e-03	5.032435e-03	1.759041e-02
## SPAC637.06	-1.274074e-02	-3.999529e-03	9.442372e-03
## SPAC637.09	2.813429e-03	-1.301333e-02	1.108407e-02
## SPNCRNA.999	-1.091914e-03	-5.747320e-04	4.112959e-04
## SPAC637.11	-5.190256e-03	-1.978377e-03	-4.767002e-04
## SPAC637.12c	4.860051e-03	-1.579992e-03	-1.183931e-02
## SPNCRNA.1000	1.159712e-03	-8.930413e-05	-3.588540e-04
## SPAC637.13c	-1.698305e-04	-3.127610e-04	-1.925425e-04
## SPNCRNA.249	9.841113e-04	-1.520549e-04	8.159869e-04
## SPAC31F12.01	4.306886e-03	-8.072155e-03	-4.550997e-03
## SPAC12B10.02c	-4.410894e-04	4.341809e-03	2.764106e-04
## SPAC12B10.03	5.702143e-03	-2.350465e-03	2.460185e-03
## SPNCRNA.1001	-1.032658e-03	8.480111e-04	1.051437e-04
## SPAC12B10.04	7.543495e-03	4.105959e-03	8.183715e-04
## SPAC12B10.07	-2.486766e-03	-1.007048e-02	-3.760404e-03
## SPAC12B10.08c	1.064528e-03	2.481006e-03	-3.540195e-03
## SPAC12B10.09	5.417381e-03	6.377104e-04	-1.933030e-03
## SPAC12B10.10	-2.262132e-03	2.248575e-03	-1.519279e-03
## SPNCRNA.1003	-1.145498e-03	1.399607e-04	-1.208195e-03
## SPAC12B10.15c	6.650438e-04	-8.977251e-04	-2.528504e-03
## SPNCRNA.1004	-7.136178e-04	-1.210954e-03	-1.345936e-03
## SPAC1093.07	8.787898e-04	-1.680161e-04	1.334633e-03
## SPAC1093.01	1.080239e-03	-6.116834e-03	1.793732e-02
## SPAC1093.02	-2.917386e-03	-5.448287e-04	2.969932e-03
## SPAC1093.03	-4.735129e-03	-3.278036e-04	1.595109e-03
## SPAC1093.04c	-8.818899e-04	-7.517251e-03	-2.315562e-04
## SPAC1093.06c	8.692265e-03	-1.055090e-02	1.294919e-02
## SPNCRNA.1006	4.095726e-04	-7.356472e-04	7.240869e-04
## SPAC30C2.02	1.668816e-03	1.277069e-03	3.841170e-03
## SPAC30C2.04	-1.978326e-02	2.849673e-03	1.871776e-02
## SPAC30C2.05	-4.602438e-03	1.649212e-03	1.010238e-03
## SPAC30C2.07	-5.211622e-03	5.131869e-03	1.398320e-02

## SPNCRNA.1008	-9.324968e-04	3.039190e-03	1.471085e-03
## SPAC1635.01	1.325342e-02	-7.367983e-03	-7.286847e-04
## SPNCRNA.1009	-4.128048e-04	-4.102674e-04	-8.960863e-04
## SPAC144.02	-3.835943e-03	-1.535722e-03	8.375351e-03
## SPAC144.03	-2.534299e-03	-3.587447e-03	2.804461e-02
## SPAC144.04c	-1.328143e-02	2.361227e-03	2.129897e-02
## SPAC144.05	2.279358e-03	2.389341e-03	6.097457e-03
## SPAC144.10c	6.510599e-03	-2.493278e-04	-1.641501e-02
## SPNCRNA.1013	-1.960910e-05	-1.200913e-03	-3.219928e-04
## SPNCRNA.1014	-1.578167e-05	4.707250e-04	-1.064528e-04
## SPAC144.12	-1.739951e-03	2.928151e-03	1.118507e-02
## SPAC144.13c	1.196547e-04	-5.538434e-03	2.828777e-04
## SPAC144.16	2.654901e-05	3.880500e-03	-4.207191e-03
## SPNCRNA.1016	-1.026733e-03	-2.754966e-04	-6.480935e-04
## SPNCRNA.1017	2.309691e-04	-2.764400e-04	8.305345e-05
## SPAC1834.03c	-4.486200e-02	-9.339386e-03	1.872395e-02
## SPAC1834.04	-3.911965e-02	3.394782e-03	4.145463e-02
## SPAC1834.05	-6.524397e-03	7.213345e-03	-4.219266e-03
## SPAC1834.08	-3.219044e-03	3.830905e-03	7.997088e-03
## SPATRNATHR.05	4.363214e-03	-1.720426e-02	-2.391306e-03
## SPAC1834.10c	-2.219698e-03	2.780532e-03	-1.240091e-03
## SPAC1834.13	1.873957e-05	-1.384979e-04	5.952036e-05
## SPAC17D4.01	-1.124862e-02	1.811317e-03	1.513635e-02
## SPAC17D4.02	3.566596e-03	-3.024898e-03	8.104721e-03
## SPAC17D4.04	7.411878e-05	-9.378970e-03	1.112502e-03
## SPAC458.02c	-1.306824e-03	6.593341e-03	-1.242182e-02
## SPNCRNA.1019	-9.992815e-04	9.547831e-04	-5.409904e-04
## SPAC458.03	1.462502e-03	-2.506091e-03	-4.060697e-03
## SPNCRNA.1020	-6.776576e-04	5.474085e-04	-3.047062e-04
## SPAC458.07	6.791683e-04	-1.227913e-04	2.639867e-04
## SPAPYUG7.02c	3.529712e-03	1.298907e-03	4.122690e-03
## SPNCRNA.1022	5.223435e-04	-1.938192e-03	-3.669609e-05
## SPAC1782.01	5.842729e-03	-4.000453e-03	-1.724031e-02
## SPAC1782.03	-1.012928e-03	1.605804e-03	6.828834e-04
## SPAC1782.06c	-8.819878e-04	5.107280e-03	-1.342476e-03
## SPNCRNA.1023	-1.202198e-03	9.778006e-04	-4.029833e-04
## SPAC1782.09c	-1.536594e-03	-2.681050e-04	-4.891200e-03
## SPAC1782.10c	-1.507137e-02	-1.541641e-02	-5.286183e-03
## SPAC1782.11	-4.241202e-03	-1.132448e-02	-1.560134e-02
## SPAC11H11.02c	-5.092565e-03	-5.495564e-03	-2.400651e-03
## SPAC11H11.01	8.505121e-04	6.895329e-04	1.249885e-04
## SPAC11H11.03c	1.001362e-04	1.759437e-03	-5.527250e-04
## SPAC11H11.04	7.888357e-04	-2.299418e-04	-1.230797e-04
## SPAC11H11.06	-1.534834e-02	-4.889079e-03	7.835536e-03
## SPAC22F8.03c	1.102496e-04	-1.332472e-06	8.812473e-05
## SPAC22F8.07c	-4.389662e-03	7.725803e-04	1.634582e-04
## SPAC22F8.08	1.584520e-02	1.996944e-02	-5.569241e-03
## SPAC22F8.11	6.382580e-03	4.866369e-03	1.241919e-02
## SPAC22F8.12c	-3.018693e-04	-2.255418e-04	-2.700123e-03
## SPAC20G4.02c	1.405526e-03	1.356318e-03	1.219641e-03
## SPAC20G4.03c	9.122771e-03	8.296105e-03	-2.339942e-03
## SPAC20G4.04c	-4.105610e-04	-1.274587e-03	-4.144800e-03
## SPNCRNA.1027	-1.431603e-03	-1.153802e-03	2.393225e-03
## SPAC20G4.09	-4.831442e-04	-2.144857e-05	3.681097e-04

## SPAC20G4.07c	1.027510e-03	-2.855365e-04	5.563381e-03
## SPAC4F10.03c	-1.679508e-03	-4.950043e-03	3.962332e-03
## SPAC4F10.04	-1.368573e-04	5.599542e-04	-1.613067e-03
## SPNCRNA.1028	-1.467898e-03	2.412387e-04	-1.420579e-03
## SPAC4F10.08	-1.673618e-04	-1.221729e-04	2.089868e-04
## SPAC4F10.12	-1.743142e-04	-2.599701e-03	1.387063e-03
## SPAC4F10.13c	-1.774100e-03	-1.925591e-02	7.165724e-03
## SPNCRNA.1030	1.174171e-04	4.836616e-04	-3.120663e-04
## SPAC4F10.15c	1.550817e-03	3.386687e-03	5.605321e-03
## SPAC4F10.16c	-5.664919e-03	1.398755e-03	7.286519e-03
## SPAC4F10.18	2.720120e-04	-4.919094e-04	-4.685399e-03
## SPAC4F10.19c	5.207573e-04	-5.229605e-04	3.009548e-05
## SPAC19B12.01	6.094036e-03	-7.225651e-03	-1.327560e-02
## SPNCRNA.255	2.570814e-04	2.728965e-04	2.451073e-05
## SPAC19B12.03	4.156689e-03	-1.044620e-02	-1.152598e-02
## SPNCRNA.1034	-5.278302e-04	8.939751e-04	-1.522124e-03
## SPAC19B12.04	-2.134980e-02	1.829830e-02	-1.490817e-02
## SPAC19B12.07c	-3.971171e-03	1.104906e-04	-2.888569e-03
## SPAC19B12.10	-1.238824e-03	4.083168e-03	-2.491343e-03
## SPAC19B12.12c	7.246932e-04	1.116951e-03	1.452114e-03
## SPAC19B12.13	1.396741e-03	8.474650e-04	-1.123676e-03
## SPNCRNA.1035	6.430273e-04	9.371565e-04	3.638375e-04
## SPAPB8E5.04c	-1.477702e-03	-1.882924e-03	1.176520e-03
## SPAPB8E5.06c	-9.377055e-03	3.369378e-02	6.190074e-03
## SPAC1B3.01c	-1.076527e-02	-8.004632e-03	-1.386728e-02
## SPAC1B3.02c	-4.168651e-03	6.593372e-03	3.338068e-03
## SPNCRNA.1036	1.310055e-04	3.550228e-04	-4.065520e-04
## SPAC1B3.03c	-1.828945e-02	-9.605954e-03	2.811826e-02
## SPNCRNA.564	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1037	2.301026e-06	-3.669561e-04	-5.570099e-04
## SPNCRNA.1038	4.461284e-02	-3.292126e-02	6.857182e-03
## SPAC1B3.07c	-1.006378e-03	-3.437272e-03	2.498848e-03
## SPAC1B3.08	-3.986907e-03	4.008969e-03	-9.151964e-03
## SPAC1B3.10c	-5.720843e-04	-4.576714e-03	-4.428488e-04
## SPAC1B3.11c	-1.276673e-03	1.732157e-03	-3.105190e-03
## SPAC1B3.20	-2.384881e-03	1.180249e-03	-8.170720e-04
## SPAC1B3.13	6.031680e-03	7.449124e-03	1.421536e-02
## SPAC1B3.15c	1.053018e-03	2.770029e-03	3.479884e-03
## SPAC1B3.16c	2.082793e-02	7.007297e-02	1.747102e-02
## SPNCRNA.1039	1.543357e-04	2.532522e-04	1.027058e-05
## SPNCRNA.256	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1952.01	-1.261545e-03	5.273678e-03	3.704075e-03
## SPAC1952.05	5.474385e-03	-5.278881e-03	1.810546e-04
## SPAC1952.06c	-8.385249e-04	-1.006266e-02	-3.166598e-03
## SPAC1952.08c	1.189702e-03	-2.380589e-03	3.692583e-03
## SPAC1952.11c	-6.691120e-03	-7.461184e-03	1.743310e-03
## SPAC1952.13	-8.586081e-05	5.703859e-03	1.401108e-03
## SPAC1952.14c	-9.756250e-04	2.835531e-03	4.469445e-03
## SPAC1952.15c	-1.633770e-03	1.003401e-04	-2.167420e-03
## SPAC890.02c	-1.596784e-03	3.898208e-03	-3.438833e-03
## SPAC890.05	3.390189e-03	-4.294693e-03	-6.949742e-03
## SPAC890.07c	3.458839e-04	1.182980e-02	9.856423e-03
## SPAC890.08	-4.068032e-02	2.028130e-02	1.557616e-02
## SPNCRNA.258	2.774093e-04	-3.036807e-04	4.677878e-04

## SPAC22E12.01	1.396826e-03	-1.197326e-03	1.368014e-03
## SPAC22E12.02	2.243752e-04	-3.490125e-04	-3.433573e-03
## SPAC22E12.03c	-1.447933e-02	5.174051e-03	1.760058e-03
## SPAC22E12.05c	-5.230984e-03	1.265072e-02	-2.642073e-03
## SPAC22E12.06c	3.811903e-03	-1.324749e-02	-5.364712e-03
## SPAC22E12.07	-7.629504e-03	-2.242885e-03	7.792900e-03
## SPAC22E12.08	-5.037207e-04	-1.987174e-03	-2.252310e-03
## SPAC22E12.11c	1.020239e-02	-1.346119e-03	6.114800e-03
## SPAC22E12.14c	3.750305e-03	-6.706177e-03	3.491199e-03
## SPNCRNA.91	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1044	-1.053391e-04	-1.827299e-03	6.838639e-04
## SPAC1006.05c	-4.618155e-04	-1.105426e-02	8.959122e-03
## SPAC1006.06	1.052456e-02	-8.131284e-03	4.384260e-04
## SPAC1006.07	-6.138360e-02	-6.888410e-02	4.316950e-02
## SPAC1006.08	-1.664420e-03	5.728170e-04	-5.763309e-03
## SPAC1006.09	6.051866e-03	-2.465471e-03	9.570817e-03
## SPAC1250.05	-4.210727e-03	1.930607e-03	-2.123414e-04
## SPAC1250.04c	1.722276e-03	-2.422437e-03	3.206874e-04
## SPAC1250.03	2.599847e-04	-2.088275e-03	-1.562769e-03
## SPAC1250.02	-2.065694e-04	-7.317260e-04	4.305993e-04
## SPNCRNA.1046	-6.029055e-04	-4.192132e-05	4.835216e-05
## SPAC29A4.20	9.357742e-03	6.824013e-03	-2.929473e-03
## SPAC29A4.19c	-1.079227e-03	9.228168e-03	2.700501e-03
## SPAC29A4.17c	1.129689e-03	-3.382988e-04	-1.042471e-03
## SPAC29A4.16	-9.375546e-03	-2.217020e-03	2.737501e-02
## SPAC29A4.15	-4.401489e-03	-4.747126e-03	1.660578e-03
## SPNCRNA.1047	-6.141849e-05	2.129813e-04	4.052837e-05
## SPAC29A4.12c	2.759861e-04	1.046871e-03	6.413792e-04
## SPAC29A4.09	5.015668e-03	2.586623e-03	-5.260643e-03
## SPAC29A4.08c	7.964459e-03	-3.389507e-03	-4.021912e-04
## SPAC29A4.07	2.998664e-03	-1.385356e-03	5.172821e-03
## SPAC29A4.06c	-1.430632e-03	1.663310e-04	-2.939791e-04
## SPAC29A4.04c	9.583291e-03	-3.275457e-03	4.884256e-03
## SPAC29A4.02c	8.582101e-03	6.070117e-03	4.163184e-02
## SPSNORNA.15	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC26F1.14c	-2.384254e-03	4.517074e-04	-2.981213e-03
## SPSNORNA.16	-4.212652e-02	2.589517e-02	-1.044089e-02
## SPAC26F1.13c	2.342389e-02	2.086908e-03	-5.994061e-03
## SPAC26F1.11	-9.926495e-04	4.662710e-04	-1.480636e-03
## SPAC26F1.07	-3.079700e-02	-1.593232e-03	-4.608182e-02
## SPAC26F1.05	9.209616e-04	-1.498774e-03	1.449623e-03
## SPNCRNA.1056	-5.853137e-04	1.579414e-04	1.594827e-03
## SPAC26F1.04c	-3.741074e-03	4.302929e-03	-1.188230e-02
## SPAC26F1.03	1.846924e-03	-1.511257e-02	2.151785e-02
## SPAC26F1.01	-1.073493e-04	4.757441e-03	1.045326e-03
## SPAC13D1.01c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC19D5.09c	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1059	-3.037981e-04	-2.071551e-04	8.547121e-05
## SPAC19D5.01	1.303896e-02	-1.237518e-02	1.805971e-02
## SPAC19D5.02c	4.667483e-03	-4.813596e-03	-6.959503e-04
## SPAC19D5.04	4.478139e-03	-5.858261e-03	-1.365527e-02
## SPAC19D5.05c	3.763114e-03	1.981104e-04	2.968349e-03
## SPAC19D5.11c	-1.241167e-04	4.660256e-04	-2.438753e-04
## SPNCRNA.1060	-8.165890e-04	-4.586252e-04	2.655337e-03

## SPAC14C4.01c	-8.292638e-04	-1.394486e-03	4.578806e-03
## SPAC19D5.07	-1.569946e-04	9.904214e-04	-1.991791e-03
## SPNCRNA.1062	-6.929968e-05	-6.537052e-04	5.078675e-04
## SPAC14C4.03	4.229171e-04	1.388413e-04	-4.392402e-04
## SPAC14C4.04	4.397608e-03	-5.272858e-03	3.518929e-03
## SPAC14C4.05c	-3.054215e-03	-3.058612e-03	5.189794e-03
## SPAC14C4.07	1.622838e-03	-1.142298e-03	-4.343205e-03
## SPAC14C4.08	-1.139701e-04	-1.390733e-04	-2.247122e-04
## SPAC14C4.09	-3.004864e-04	-3.836685e-05	-4.474952e-03
## SPAC14C4.10c	-3.273182e-03	-3.367238e-03	1.020147e-03
## SPAC14C4.11	-7.957269e-04	3.207291e-03	2.270863e-04
## SPNCRNA.261	-1.228679e-03	-6.523820e-04	2.087836e-03
## SPAC14C4.13	3.792875e-03	-3.428569e-03	-8.092652e-07
## SPAC14C4.14	7.653841e-04	6.184316e-03	-1.262203e-02
## SPAC14C4.15c	1.319463e-03	-2.158954e-03	8.222446e-03
## SPAPJ760.03c	1.819170e-03	3.344037e-03	2.186572e-04
## SPNCRNA.1064	-4.873129e-04	-5.380510e-05	-6.541039e-04
## SPAC2H10.02c	-2.230970e-03	1.907435e-04	1.404615e-03
## SPAC11E3.03	5.945589e-05	1.468362e-03	2.144281e-03
## SPAC11E3.04c	1.149680e-03	-2.053485e-03	-5.054465e-04
## SPAC11E3.07	2.077227e-03	-8.537444e-03	-9.306127e-03
## SPAC11E3.08c	-1.478447e-03	1.031568e-03	-1.801706e-03
## SPAC11E3.12	-4.698588e-03	6.849489e-04	6.235602e-04
## SPAC11E3.13c	8.841618e-03	-1.655086e-02	-9.209069e-03
## SPNCRNA.1068	-2.670839e-04	-3.519378e-05	-1.539310e-05
## SPAC11E3.15	-1.285447e-02	2.761876e-02	3.641125e-02
## SPNCRNA.1070	-7.255215e-04	-2.328382e-04	1.219427e-04
## SPAP8A3.05	1.857958e-04	1.018729e-03	1.247041e-03
## SPAP8A3.06	-1.796479e-03	9.410461e-03	-1.387242e-04
## SPNCRNA.525	1.282310e-04	-5.114709e-05	8.334872e-04
## SPNCRNA.1073	-7.732734e-04	-1.408258e-03	1.166636e-03
## SPAP8A3.10	-1.714544e-03	2.907082e-04	2.651934e-03
## SPAP8A3.12c	-4.391432e-03	1.252550e-03	1.567326e-02
## SPAP8A3.13c	1.829799e-03	-2.132912e-03	7.784668e-03
## SPAC4D7.01c	5.513167e-03	4.291579e-03	-1.445495e-03
## SPNCRNA.1075	4.744418e-04	2.799595e-04	-4.112623e-06
## SPAC4D7.04c	4.103187e-03	-5.042349e-04	1.039671e-05
## SPAC4D7.05	1.477671e-02	1.318542e-02	8.858940e-03
## SPAC4D7.06c	3.285367e-03	3.708978e-03	-2.723186e-03
## SPNCRNA.1077	-4.727807e-06	1.596407e-03	3.149187e-04
## SPAC4D7.07c	3.039180e-03	-2.025168e-03	2.413896e-03
## SPAC4D7.08c	-7.327096e-03	3.415539e-02	-2.803490e-04
## SPSNORNA.17	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.264	-3.660990e-04	-1.051129e-03	1.637359e-05
## SPAC4D7.09	-6.290957e-03	4.921906e-03	1.746055e-02
## SPAC4D7.14	-1.399587e-03	-3.448992e-04	1.293452e-03
## SPAC3G6.04	2.101620e-04	-2.199962e-03	-2.418501e-03
## SPAC3G6.06c	9.089316e-07	2.728877e-04	-1.568364e-03
## SPAC3G6.07	1.891228e-03	7.855983e-04	6.298498e-04
## SPAC3G6.11	1.445878e-03	-1.044536e-03	4.159584e-03
## SPAC3G6.13c	-3.804933e-02	-7.809953e-02	-5.544400e-02
## SPNCRNA.267	-1.349822e-04	8.241346e-05	8.222692e-04
## SPAC29B12.02c	4.983738e-03	-1.569067e-02	-1.547495e-03
## SPAC29B12.04	9.459169e-03	-1.142224e-02	1.392191e-02

## SPAC29B12.05c	-9.671335e-04	4.009257e-04	7.992041e-04
## SPNCRNA.1081	-2.486638e-03	5.279679e-04	-7.531829e-04
## SPAC29B12.06c	-1.141007e-03	8.614295e-04	7.217211e-04
## SPAC29B12.07	6.351578e-03	-8.494680e-03	-3.913033e-03
## SPNCRNA.1082	1.102782e-03	1.550726e-03	9.797587e-04
## SPNCRNA.270	-2.425497e-04	-8.073091e-05	4.358698e-04
## SPAC29B12.08	7.779965e-03	6.948779e-03	-1.566096e-03
## SPAC29B12.10c	1.087609e-02	1.523935e-05	9.891870e-03
## SPAC29B12.11c	-3.833253e-04	2.234119e-03	2.236899e-03
## SPATRNASER.04	2.023960e-04	1.118483e-02	1.296058e-02
## SPAC29B12.13	-1.259574e-03	-1.164981e-03	1.111116e-04
## SPNCRNA.271	-1.203832e-04	-8.081940e-05	-2.861687e-04
## SPNCRNA.272	8.436360e-05	-1.904985e-04	8.879910e-05
## SPAC1039.01	1.701917e-03	1.511555e-03	2.586367e-04
## SPAC1039.02	1.055526e-02	4.180070e-03	-1.249354e-03
## SPAC1039.03	-2.055553e-03	-5.000539e-03	7.089162e-05
## SPAC1039.05c	-1.255032e-04	-3.382761e-03	5.461553e-03
## SPNCRNA.1084	1.754993e-04	-1.478714e-04	2.389078e-04
## SPAC1039.06	3.933592e-03	-1.375623e-03	1.846168e-03
## SPNCRNA.1085	-1.117587e-04	-3.744971e-04	5.785843e-04
## SPAC1039.08	6.169405e-04	-6.706420e-04	2.957678e-04
## SPNCRNA.1086	4.690940e-04	6.538188e-05	-5.408601e-04
## SPNCRNA.275	-1.966738e-04	-1.559260e-06	2.821065e-04
## SPAC1039.09	1.302241e-03	1.613188e-03	5.958659e-04
## SPAC1039.11c	1.136866e-04	-5.707765e-04	4.304819e-03
## SPNCRNA.1087	-3.252039e-04	-2.124239e-03	4.973122e-04
## SPNCRNA.30	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.1088	-4.983280e-04	9.019689e-04	9.735646e-04
## SPNCRNA.1089	1.044487e-03	3.617691e-05	-3.132825e-04
## SPNCRNA.277	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC922.04	-2.921760e-02	-4.367248e-02	1.484402e-02
## SPNCRNA.278	-4.243221e-04	-3.675656e-06	3.595015e-04
## SPAC922.06	1.839083e-03	-9.896092e-04	-5.078179e-04
## SPAC922.07c	2.401099e-04	1.212115e-03	4.106592e-03
## SPNCRNA.1090	2.515409e-04	4.391352e-04	2.816465e-05
## SPNCRNA.1091	-7.197823e-04	-8.419677e-05	1.262212e-03
## SPNCRNA.1093	-4.791101e-04	-1.135614e-05	5.968832e-05
## SPAC869.06c	1.376333e-03	-7.798513e-04	1.742613e-03
## SPNCRNA.279	2.284183e-04	-1.472418e-04	-6.894577e-05
## SPAC869.05c	9.036606e-04	1.766149e-03	4.684677e-03
## SPAC869.04	6.190126e-05	-1.100276e-04	1.569989e-05
## SPAC869.03c	1.495435e-04	-6.793423e-05	1.239924e-04
## SPNCRNA.280	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.282	-9.240984e-05	6.777175e-05	-2.037626e-04
## SPAC869.02c	-2.618331e-03	-3.969184e-03	6.002367e-03
## SPAC869.01	1.546044e-04	-1.295442e-05	-5.504233e-06
## SPAC186.01	-1.663796e-04	9.731306e-04	1.876317e-03
## SPNCRNA.96	1.153154e-04	9.468282e-06	5.028826e-05
## SPAC186.03	3.406896e-04	5.467962e-05	1.589404e-04
## SPAC186.04c	2.733333e-04	1.020809e-03	-6.520323e-04
## SPAC186.06	9.893092e-05	9.237626e-04	-1.609085e-04
## SPNCRNA.310	1.667983e-05	-7.686666e-06	-1.244890e-06
## SPAC750.01	-3.571958e-03	1.187179e-04	2.211932e-03
## SPAC750.04c	0.000000e+00	0.000000e+00	0.000000e+00

## SPAC750.06c	-1.105888e-04	9.829801e-05	4.666827e-05
## SPAC750.08c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC212.10	4.125177e-05	3.825724e-04	3.732573e-04
## SPAC212.08c	1.043059e-04	2.371838e-04	-1.906766e-04
## SPAC212.07c	3.660454e-05	-6.298637e-04	-4.115411e-04
## SPAC212.06c	6.027143e-05	3.564144e-04	1.296096e-04
## SPAC212.05c	7.898949e-06	1.552873e-05	1.289317e-04
## SPAC977.01	-5.530070e-05	-9.962959e-05	-2.448874e-04
## SPAC977.18	-2.321471e-05	1.014652e-04	5.786404e-05
## SPAC977.02	1.592032e-05	-4.992234e-05	1.664932e-04
## SPAC977.06	-9.941326e-05	1.609667e-04	-7.776642e-06
## SPAC977.08	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.602	-1.087558e-03	7.680670e-04	7.592108e-04
## SPAC977.10	4.290960e-03	-5.057967e-03	1.630662e-02
## SPAC977.12	-2.467199e-03	-3.838881e-04	8.035656e-03
## SPAC977.14c	-2.154508e-02	1.230751e-02	1.324169e-02
## SPAC977.17	-5.332674e-03	-1.250718e-04	6.637744e-04
## SPNCRNA.137	-2.450146e-04	-3.636934e-05	2.268585e-04
## SPNCRNA.83	1.271606e-03	1.086103e-03	2.152627e-04
## SPAPJ695.02	-8.332060e-04	-6.365899e-04	7.513745e-04
## SPNCRNA.138	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC1F8.01	-8.510600e-04	-2.066944e-03	-6.433739e-04
## SPAC1F8.02c	9.953387e-05	8.697284e-05	-4.911358e-05
## SPAC1F8.03c	-1.296098e-02	1.322603e-03	-1.285250e-02
## SPNCRNA.604	1.925063e-04	-5.395241e-04	3.158918e-04
## SPNCRNA.139	-5.720966e-06	-1.415817e-05	-1.414127e-05
## SPNCRNA.605	-2.392889e-03	-1.444381e-03	-3.635769e-03
## SPAC1F8.04c	-1.308495e-03	-1.122557e-04	-1.246870e-03
## SPNCRNA.606	-1.251440e-04	-1.169416e-04	6.932549e-04
## SPAC1F8.05	-2.566223e-03	-9.000466e-04	1.924161e-03
## SPAC1F8.07c	-6.617520e-02	7.781266e-02	4.479051e-02
## SPAC11D3.04c	-1.653648e-04	1.456485e-04	-6.119623e-03
## SPAC11D3.06	3.713742e-03	1.510475e-03	-4.103178e-03
## SPAC11D3.09	-1.758795e-03	5.197984e-04	-3.361362e-03
## SPAC11D3.10	1.006925e-05	1.527217e-03	7.406197e-04
## SPAC11D3.13	5.287672e-03	3.785879e-03	-6.307244e-03
## SPAC11D3.15	-5.027798e-03	-7.429354e-03	-1.463921e-02
## SPAC11D3.17	-4.883464e-04	6.603116e-07	-3.383942e-04
## SPNCRNA.611	2.600000e-05	8.923148e-04	1.518578e-03
## SPAC5H10.02c	-1.030380e-03	7.352963e-04	4.367884e-04
## SPNCRNA.613	6.791219e-04	-7.714214e-04	-1.677251e-03
## SPRRNA.10	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC5H10.05c	-7.404116e-04	-3.127271e-03	-3.649272e-04
## SPAC5H10.07	7.331865e-04	-2.666338e-04	-5.684877e-05
## SPNCRNA.614	4.024246e-04	-1.521444e-03	4.764522e-04
## SPNCRNA.615	-2.165086e-05	-5.626353e-04	2.625215e-04
## SPNCRNA.616	-2.882435e-04	-1.373713e-04	-3.321853e-04
## SPAC13G6.02c	3.165308e-02	-5.204801e-03	1.021318e-02
## SPNCRNA.141	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13G6.04	-5.865173e-03	1.079160e-02	-1.023338e-03
## SPAC13G6.05c	1.563038e-04	-2.966960e-03	3.783013e-03
## SPAC13G6.06c	9.895110e-03	1.357729e-02	-1.008190e-02
## SPAC13G6.07c	4.911847e-02	-3.235222e-02	-4.071547e-02
## SPAC13G6.08	2.522414e-04	4.143956e-04	-3.341717e-03

## SPNCRNA.619	-4.803509e-04	2.794969e-03	4.229463e-03
## SPAC13G6.09	-2.539950e-03	-5.903021e-03	3.656510e-03
## SPAC13G6.10c	-5.481193e-03	-2.623275e-02	3.040946e-02
## SPAC13G6.11c	2.949838e-03	-6.312615e-03	-1.729901e-03
## SPAC13G6.12c	-3.086818e-04	-2.834672e-03	2.321018e-03
## SPAC13G6.13	3.838284e-05	-7.185826e-05	2.073512e-04
## SPAC24B11.06c	-4.760679e-03	-7.799958e-03	5.019713e-03
## SPNCRNA.622	-5.736359e-05	1.877215e-03	3.322224e-03
## SPAC24B11.07c	-1.392776e-03	-7.232685e-04	-1.899724e-04
## SPNCRNA.623	-6.073474e-05	-2.596360e-03	-1.055319e-03
## SPAC24B11.10c	6.097120e-03	2.551872e-03	4.689463e-03
## SPAC24B11.14	1.730326e-04	-3.970253e-04	-4.810563e-04
## SPAC24B11.13	6.183012e-03	2.814328e-03	7.912480e-03
## SPAC806.03c	-3.888184e-05	-6.380411e-03	3.654131e-03
## SPNCRNA.143	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.144	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.145	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC806.04c	-1.889019e-03	4.375604e-03	-1.597174e-05
## SPAC806.05	-3.282394e-04	8.456430e-04	-5.394253e-04
## SPNCRNA.629	-2.293154e-04	-9.446433e-04	-7.828076e-04
## SPAC806.08c	8.872804e-04	3.009840e-06	2.085997e-03
## SPAC1639.01c	1.226153e-02	-5.982521e-03	5.174839e-03
## SPAC1639.02c	-4.998965e-03	-5.281269e-03	9.762383e-03
## SPNCRNA.631	6.571640e-05	1.742314e-05	-1.064063e-04
## SPAC1F5.10	7.487040e-03	1.943439e-03	1.887820e-03
## SPNCRNA.634	-1.013458e-03	-8.882298e-04	8.741847e-04
## SPAC1F5.09c	-6.931607e-04	3.277238e-04	1.186503e-03
## SPAC1F5.08c	2.985343e-03	-1.471249e-03	6.329813e-04
## SPAC1F5.06	-6.006597e-03	-8.564227e-03	7.014297e-03
## SPAC1F5.05c	6.406397e-04	8.294095e-04	2.405699e-04
## SPAC1F5.03c	2.191181e-03	2.046916e-03	-2.310527e-03
## SPAC18B11.11	2.995623e-03	-1.671874e-03	3.659024e-03
## SPAC18B11.06	-9.791998e-04	-3.224872e-03	4.797569e-03
## SPAC18B11.05	2.001637e-03	4.751484e-04	3.272908e-03
## SPAC18B11.03c	1.395733e-03	5.603609e-04	1.392083e-03
## SPAC12G12.16c	-9.329675e-04	-1.915228e-03	1.457498e-03
## SPAC12G12.13c	6.306955e-03	-1.062249e-02	1.188388e-02
## SPAC12G12.12	-9.877787e-04	2.580969e-05	4.970444e-03
## SPAC12G12.11c	-2.784992e-03	-4.113106e-03	3.126239e-03
## SPAC12G12.17	-3.073638e-04	-2.669830e-03	1.116164e-03
## SPAC12G12.08	-6.338508e-04	4.692348e-03	-6.954677e-03
## SPAC12G12.07c	-9.366921e-03	6.159816e-04	3.825220e-03
## SPAC12G12.05c	-3.631877e-03	-3.825051e-03	3.954283e-03
## SPSNORNA.29	-3.488095e-04	2.895794e-03	-8.304962e-04
## SPAC12G12.04	3.485443e-02	-2.901569e-02	-1.446598e-02
## SPAC12G12.02	3.599912e-03	1.462898e-03	-7.185366e-05
## SPNCRNA.640	1.280083e-04	-8.871869e-06	1.214823e-04
## SPAC12G12.01c	-4.965095e-03	2.811597e-03	3.623659e-03
## SPAC630.04c	-1.335988e-03	-7.861746e-04	1.854960e-03
## SPAC630.03	1.172649e-02	5.903707e-04	-8.996691e-03
## SPAC630.06c	2.294564e-03	-9.443534e-05	-1.913266e-03
## SPAC630.07c	2.713644e-04	-3.763665e-04	9.572516e-05
## SPNCRNA.641	-3.593567e-04	-6.428677e-04	2.310617e-05
## SPAC630.08c	7.486497e-05	-1.753662e-02	-3.403358e-03

## SPNCRNA.642	-8.094807e-04	-2.489800e-04	-1.130120e-08
## SPAC630.09c	-5.861175e-04	-3.992431e-03	3.634421e-03
## SPAC630.10	-1.157017e-03	4.374772e-03	6.734772e-04
## SPAC1751.03	-1.429370e-02	1.160766e-03	5.125273e-03
## SPAC31A2.05c	1.793631e-03	-1.499883e-03	1.731276e-03
## SPAC31A2.08	-2.607627e-03	-1.570082e-03	-1.211249e-03
## SPAC31A2.10	4.509082e-04	1.331683e-03	-4.248340e-05
## SPAC31A2.15c	2.193255e-03	6.516005e-04	-1.369311e-03
## SPAC13C5.02	6.751781e-03	-5.426004e-03	3.140293e-03
## SPAC13C5.03	1.062640e-03	3.555849e-03	4.093616e-04
## SPSNORNA.01	3.636431e-04	-1.332046e-02	-2.317773e-02
## SPNCRNA.646	1.544468e-03	-1.906693e-04	-5.811079e-04
## SPAC13C5.07	2.118405e-02	2.043999e-02	-9.705760e-03
## SPNCRNA.647	-5.350679e-04	-1.069868e-03	-5.294131e-04
## SPNCRNA.648	8.913463e-04	2.512444e-04	2.819805e-03
## SPAC23E2.01	-1.975641e-03	1.586205e-03	4.886381e-03
## SPNCRNA.649	-3.416860e-04	-4.625600e-04	-1.891710e-04
## SPAC23E2.03c	1.163301e-03	-7.912431e-04	-1.231707e-03
## SPNCRNA.650	4.738757e-05	4.744723e-04	-2.625524e-04
## SPAC24H6.13	2.506953e-02	-7.561484e-03	-1.106561e-02
## SPNCRNA.651	3.178329e-04	-1.507349e-03	-1.463667e-03
## SPAC24H6.10c	4.316057e-03	-1.730749e-02	-1.754758e-03
## SPAC24H6.08	-2.135776e-03	1.401150e-03	5.833248e-03
## SPAC24H6.05	-2.941523e-03	3.522209e-03	-1.186808e-03
## SPAC24H6.03	1.493822e-03	-1.091124e-03	-7.159500e-04
## SPNCRNA.47	6.257780e-05	2.682889e-04	1.282068e-03
## SPAPB21F2.02	4.876257e-03	6.167304e-03	4.003054e-03
## SPAPB21F2.03	1.364021e-03	1.920965e-03	-2.052935e-04
## SPAC227.01c	7.561977e-04	3.261446e-03	-3.097244e-03
## SPAC227.02c	-2.518319e-03	3.420829e-03	-1.224304e-03
## SPAC227.03c	-5.045700e-04	1.858277e-04	4.626333e-03
## SPNCRNA.656	-1.475512e-03	-1.119078e-04	-7.488557e-04
## SPAC227.04	1.511814e-03	-1.941049e-03	1.747001e-03
## SPNCRNA.658	1.387579e-04	-1.942611e-04	-6.667977e-04
## SPAC227.14	-3.507921e-03	1.374351e-04	3.003498e-03
## SPAC227.15	-3.841736e-03	3.390131e-03	2.972063e-03
## SPNCRNA.659	-2.968887e-04	2.219854e-03	-4.516769e-03
## SPSNORNA.05	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC227.17c	4.081409e-03	-4.856883e-03	3.279749e-03
## SPAC227.18	3.947647e-03	7.116351e-03	4.131030e-03
## SPAC2F7.02c	6.943196e-04	8.570080e-04	4.368574e-03
## SPAC2F7.03c	2.912587e-04	-1.159921e-03	3.484511e-04
## SPAC2F7.05c	2.282603e-03	4.531362e-03	-6.650277e-03
## SPAC2F7.06c	1.068249e-03	-6.139719e-04	-4.066418e-04
## SPAC2F7.07c	3.898354e-03	-2.385446e-03	2.041110e-03
## SPAC2F7.08c	2.205851e-04	-3.274074e-03	1.447739e-03
## SPAC2F7.09c	1.571655e-03	-4.957975e-03	-2.379795e-04
## SPAC2F7.10	5.313041e-03	1.064971e-03	-1.919145e-03
## SPAC2F7.11	-1.964190e-03	1.612195e-03	-4.488651e-03
## SPNCRNA.154	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F7.14c	-2.136989e-03	-6.420162e-03	4.554133e-03
## SPAC2F7.16c	2.683788e-03	3.960000e-03	2.934278e-03
## SPAC2F7.17	-4.661369e-03	-1.429105e-04	-3.640468e-03
## SPAC13A11.02c	6.091312e-04	1.534446e-02	-1.176321e-02

## SPNCRNA.155	-1.339772e-04	7.213352e-05	4.866852e-04
## SPNCRNA.662	-1.318679e-04	2.790821e-04	3.278057e-06
## SPNCRNA.553	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC13A11.06	1.529369e-03	2.198661e-03	2.013181e-03
## SPAC3H8.05c	5.503265e-03	3.538987e-03	9.051728e-03
## SPNCRNA.664	-8.734875e-04	-5.584087e-04	2.736333e-04
## SPNCRNA.665	-3.491720e-05	-2.468432e-04	-2.063462e-04
## SPAC3H8.06	4.466925e-03	-7.846703e-04	4.105930e-03
## SPAC3H8.07c	5.677413e-04	-2.287734e-03	4.865859e-03
## SPNCRNA.666	-3.735348e-03	-8.332906e-05	-3.296533e-04
## SPAC3H8.09c	4.332236e-03	4.746231e-03	2.357279e-03
## SPAC1F3.07c	-6.900760e-04	5.098941e-03	1.392794e-03
## SPNCRNA.668	-1.021816e-03	-1.367664e-03	-1.624176e-03
## SPAC1F3.08c	5.039672e-05	7.556888e-05	-7.342686e-05
## SPAC1F3.09	1.383017e-03	-1.380613e-02	-2.707604e-03
## SPNCRNA.669	-2.195284e-04	1.791540e-03	2.171246e-03
## SPAC1F3.10c	-7.779442e-04	3.539951e-03	-1.098334e-04
## SPAC1D4.04	4.018158e-03	1.330287e-03	9.586243e-03
## SPAC1D4.06c	-1.221993e-03	3.623234e-03	3.832810e-04
## SPAC1D4.08	6.588206e-03	8.589119e-03	1.549396e-02
## SPAC1D4.09c	2.076186e-03	4.563019e-03	-9.015134e-04
## SPAC1D4.11c	4.848120e-03	1.084380e-03	3.633985e-03
## SPNCRNA.672	-1.515234e-03	4.558767e-04	2.099587e-03
## SPNCRNA.673	6.791173e-05	3.259706e-04	2.406020e-04
## SPAC1D4.13	-3.018919e-03	-1.924475e-04	4.133749e-03
## SPNCRNA.674	-1.626751e-03	4.438615e-04	6.980058e-04
## SPAC22F3.12c	2.148143e-03	-8.877857e-04	-1.027524e-04
## SPAC22F3.09c	6.223424e-04	-3.315619e-03	6.069046e-04
## SPAC22F3.15	4.651669e-04	1.274708e-03	-3.687395e-04
## SPAC22F3.06c	4.082796e-03	-1.364009e-02	5.158263e-03
## SPAC22F3.04	2.722680e-05	-3.891768e-04	-3.276744e-04
## SPATRNAVAL.02	-2.353957e-02	-6.330098e-02	-3.065566e-02
## SPAC22F3.02	-5.336034e-04	4.090754e-05	-1.673789e-03
## SPAC1296.01c	-1.402066e-03	-9.226262e-03	1.119447e-02
## SPAC1296.02	-3.429822e-03	-3.481846e-04	-4.565163e-04
## SPATRNaGLU.01	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPJ696.01c	-1.385151e-03	-5.580748e-03	1.208477e-03
## SPAC1296.06	-7.772296e-03	-5.846867e-03	1.860197e-03
## SPAC22G7.02	2.463913e-04	-8.683158e-03	-5.098638e-03
## SPAC22G7.04	-1.142794e-02	-2.401029e-03	-3.218078e-03
## SPAC22G7.06c	3.325466e-02	-7.188571e-02	-2.010077e-02
## SPAC22G7.07c	7.729445e-04	-4.529596e-04	-1.128385e-03
## SPAC22G7.08	-1.382970e-03	-1.783189e-03	3.695459e-03
## SPAC22G7.11c	-1.738225e-03	7.248902e-04	7.005109e-04
## SPNCRNA.679	-7.023085e-04	8.489219e-04	-1.504193e-03
## SPNCRNA.680	-8.147095e-05	1.613815e-03	-5.337043e-04
## SPAC4G8.04	5.070863e-04	-5.368687e-03	1.252816e-03
## SPAC4G8.05	-3.448957e-03	-3.137684e-03	2.465553e-03
## SPAC4G8.07c	-3.328112e-04	1.098249e-03	-3.266621e-03
## SPNCRNA.681	-2.170772e-05	-2.120354e-05	8.061585e-05
## SPNCRNA.682	-1.227875e-04	-5.271799e-04	1.010899e-03
## SPAC4G8.09	-3.128672e-03	3.028860e-03	5.159521e-03
## SPNCRNA.683	-7.983694e-05	-3.603611e-04	1.369066e-03
## SPAC4G8.10	-5.817914e-03	3.362090e-03	-2.692535e-03

## SPNCRNA.684	7.513354e-05	7.563013e-04	-1.143244e-03
## SPAC16C9.01c	-2.831839e-03	2.134120e-03	-5.276668e-03
## SPNCRNA.685	3.965153e-06	7.063198e-04	-7.631352e-04
## SPNCRNA.686	-1.551328e-04	9.314243e-05	-4.787326e-05
## SPAC16C9.02c	2.112153e-03	-1.382492e-02	-3.769428e-05
## SPAC16C9.03	2.894212e-03	-7.497734e-03	-1.743792e-03
## SPAC16C9.04c	3.842291e-03	-2.424654e-03	1.555336e-03
## SPNCRNA.687	7.230241e-04	1.528351e-04	-9.858582e-04
## SPAC16C9.06c	1.828307e-03	-1.451894e-03	1.726100e-02
## SPAC16C9.07	3.456889e-03	-2.577957e-03	-1.340889e-03
## SPAC2G11.04	-1.242112e-03	-6.535671e-04	3.593190e-03
## SPAC2G11.05c	1.463869e-03	-3.509313e-03	1.692732e-03
## SPAC2G11.08c	8.135638e-04	-4.533536e-04	2.262427e-03
## SPAC2G11.10c	-5.307095e-04	-7.488618e-04	-2.618083e-03
## SPNCRNA.689	-1.257095e-04	1.431591e-03	1.798820e-04
## SPAC2G11.11c	1.367082e-03	2.300945e-03	2.297079e-03
## SPNCRNA.690	-2.973708e-04	-4.408139e-04	-2.171521e-04
## SPAC2G11.13	-2.904422e-04	-3.215052e-03	5.377306e-03
## SPAC2G11.14	2.676476e-03	-1.515689e-02	2.336927e-03
## SPAC2G11.15c	-1.104680e-03	3.011335e-03	-2.413683e-04
## SPAC521.04c	-4.164119e-03	-7.628485e-03	-5.208107e-03
## SPNCRNA.693	3.305099e-05	-1.595665e-04	3.307147e-05
## SPAC23G3.02c	1.071820e-03	9.129550e-03	7.929481e-03
## SPAC23G3.03	1.970389e-03	-1.107059e-03	-1.516665e-03
## SPAC23G3.05c	1.838010e-03	7.867638e-04	3.157884e-03
## SPAC23G3.09	9.440197e-04	-8.392643e-05	2.328357e-03
## SPAC23G3.11	-1.087121e-02	5.217158e-03	-6.725926e-03
## SPAC23G3.12c	-2.423569e-03	2.698851e-03	4.496222e-04
## SPAC22H12.03	5.045081e-04	1.548654e-03	-4.159726e-03
## SPAC22H12.04c	2.512307e-02	-9.380752e-02	2.323081e-02
## SPAC1687.02	1.255802e-03	1.261229e-05	-2.604053e-03
## SPAC1687.03c	1.469343e-03	1.048476e-03	-5.954605e-03
## SPNCRNA.695	1.853119e-04	6.882046e-05	1.653213e-03
## SPRRNA.12	1.112343e-02	1.886143e-01	9.105433e-03
## SPAC1687.07	-2.358590e-03	-6.264557e-04	1.094186e-03
## SPAC1687.08	4.067693e-06	3.190233e-04	5.361531e-04
## SPAC1687.09	-3.136265e-03	-3.650422e-03	4.732295e-03
## SPAC1687.10	3.717779e-03	-2.692466e-03	3.078281e-03
## SPAC1687.13c	1.095902e-03	-6.167210e-04	5.212528e-04
## SPAC1687.23c	-4.168593e-05	-2.203184e-05	-1.684696e-06
## SPAC1687.15	1.024548e-03	-7.932814e-03	-4.197074e-03
## SPNCRNA.697	6.296812e-04	6.530306e-05	-7.188046e-05
## SPAC1687.21	-1.326755e-03	-2.420089e-03	2.843796e-03
## SPAC1687.22c	2.319129e-03	7.361557e-04	5.338362e-03
## SPNCRNA.698	-1.207010e-03	1.875166e-03	-4.048549e-04
## SPNCRNA.699	-4.313325e-06	3.081889e-04	-3.487503e-04
## SPAC222.05c	-6.782328e-04	9.821707e-04	-3.756262e-03
## SPNCRNA.700	-3.016912e-04	1.756534e-03	5.153617e-05
## SPATR NAGLU.02	1.778363e-01	2.378938e-01	6.412326e-03
## SPAC222.09	1.740296e-03	2.963941e-03	6.953722e-04
## SPAC222.10c	4.149222e-03	-6.712974e-05	-2.693459e-03
## SPAC222.11	1.209947e-02	-6.123685e-03	6.350059e-03
## SPAC222.12c	4.152158e-02	-4.996556e-02	-1.471461e-03
## SPAC222.13c	2.442438e-03	-6.502936e-03	-1.390188e-03

## SPAC222.14c	-3.546344e-03	3.048532e-03	-7.114013e-03
## SPNCRNA.50	1.214302e-04	2.297515e-04	-1.690726e-05
## SPAC821.03c	-8.589108e-03	-5.943041e-03	-2.148305e-03
## SPAC821.04c	-6.875707e-04	-2.884723e-03	2.257639e-03
## SPSNRNA.03	2.036931e-01	-8.905495e-02	-2.282499e-02
## SPAC821.07c	3.006177e-04	3.301179e-03	1.733620e-03
## SPNCRNA.163	-7.977545e-04	6.297715e-05	-2.627964e-04
## SPNCRNA.164	1.499441e-04	1.899691e-05	-1.099406e-04
## SPAC821.11	1.264570e-02	-5.561158e-03	-9.502075e-04
## SPAC821.13c	6.603685e-03	-1.374280e-02	5.134058e-04
## SPAC139.03	1.284432e-03	-5.558770e-03	7.998357e-03
## SPAC139.04c	1.418651e-03	-1.291800e-03	1.043474e-03
## SPNCRNA.705	2.472638e-04	5.313187e-04	-1.184181e-04
## SPAC139.05	-1.935124e-02	-8.731466e-04	2.609374e-02
## SPNCRNA.706	1.391422e-03	-1.292605e-03	-9.129134e-04
## SPAC139.06	7.194888e-04	-5.240183e-04	1.198326e-03
## SPNCRNA.707	4.650542e-04	-1.892626e-05	1.093497e-03
## SPAC23C4.02	3.604087e-03	-1.236895e-02	-2.291724e-02
## SPAC23C4.04c	6.315717e-04	-2.364058e-03	-6.157156e-04
## SPAC23C4.07	-2.831656e-04	-8.262774e-04	-1.113798e-03
## SPAC23C4.08	-3.858790e-03	3.991099e-03	1.125555e-02
## SPNCRNA.708	1.130741e-03	9.582777e-04	-1.080504e-03
## SPAC23C4.12	3.193748e-03	-4.237181e-04	-2.976172e-03
## SPAC23C4.16c	3.319124e-03	4.664554e-04	1.038811e-03
## SPNCRNA.709	-1.721622e-03	8.888654e-04	-4.506573e-04
## SPNCRNA.166	-1.376705e-04	-2.034718e-04	-1.153850e-04
## SPAC23C4.19	4.159018e-03	8.158456e-03	-1.416269e-02
## SPAC1A6.11	3.308859e-04	5.995367e-05	1.078288e-04
## SPAC1A6.05c	-4.231741e-03	-4.924586e-03	9.026832e-03
## SPAC1A6.07	-5.788571e-04	4.836314e-03	5.123643e-03
## SPAC1A6.09c	1.058571e-02	-5.330222e-03	-8.496615e-04
## SPAC1A6.10	7.083054e-03	1.404676e-03	-1.012027e-03
## SPAC30D11.13	5.610227e-03	9.609371e-04	-4.072606e-03
## SPAC30D11.12	1.341819e-02	-2.935962e-03	-8.294848e-03
## SPAC30D11.11	7.149018e-04	-1.015019e-03	-1.111535e-03
## SPAC30D11.10	2.054061e-03	8.584049e-04	-3.254446e-03
## SPNCRNA.712	-6.146482e-04	-1.809366e-03	-1.072934e-03
## SPAC30D11.09	5.500621e-04	1.537014e-03	1.489996e-03
## SPAC30D11.08c	8.633211e-04	3.817734e-03	-1.921090e-03
## SPAC30D11.04c	-5.390428e-04	-9.455211e-03	-3.023431e-03
## SPAC30D11.03	6.752984e-03	3.694818e-03	1.294522e-02
## SPAC30D11.01c	-6.438579e-03	-4.192463e-05	-2.074711e-03
## SPNCRNA.713	4.849353e-04	1.722400e-03	2.760168e-04
## SPNCRNA.714	9.017378e-05	8.494210e-05	1.633281e-04
## SPAC56F8.03	-2.452559e-02	4.646091e-03	-5.111549e-03
## SPAC56F8.05c	-1.691276e-03	4.998240e-03	1.240626e-02
## SPNCRNA.715	2.361686e-04	-3.650133e-04	-2.602510e-04
## SPAC56F8.07	2.058964e-03	3.708814e-04	-3.231440e-03
## SPAC56F8.08	-3.845237e-03	9.023221e-03	-5.705239e-03
## SPAC56F8.10	6.648645e-03	-7.573578e-03	3.509972e-03
## SPAC56F8.11	-4.890944e-03	-7.133753e-03	1.537507e-03
## SPAC56F8.14c	-4.597548e-03	-2.416174e-03	3.502190e-03
## SPAC56F8.13	-7.778371e-04	2.418818e-04	-1.811794e-03
## SPAC56F8.15	1.725554e-03	-1.501245e-03	-1.964834e-04

## SPAC22A12.01c	1.133622e-03	1.238514e-03	-6.840876e-04
## SPAC22A12.03c	-2.890661e-05	1.005562e-03	6.177914e-03
## SPAC22A12.05	-5.283562e-03	-6.640432e-03	5.849079e-03
## SPAC22A12.06c	2.885361e-03	5.080359e-03	-3.088358e-03
## SPNCRNA.718	-1.713139e-03	1.382115e-03	-7.689257e-04
## SPAC22A12.13	1.464197e-03	-1.423989e-05	-1.036285e-03
## SPAC22A12.15c	7.700413e-02	8.039627e-02	-4.856864e-03
## SPAC22A12.16	1.254773e-02	1.726241e-02	-7.064762e-03
## SPAC4C5.01	1.702779e-03	-3.033086e-03	-4.140448e-03
## SPATRNAALA.02	2.311728e-03	4.115398e-04	-2.895654e-03
## SPNCRNA.722	-2.670573e-03	1.819949e-03	2.779854e-03
## SPAC4C5.04	-5.044817e-03	-1.951073e-03	-2.990996e-03
## SPNCRNA.723	-5.729869e-04	-6.496916e-04	1.186380e-03
## SPSNORNA.08	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC10F6.03c	-3.231036e-02	1.520630e-02	-5.975723e-02
## SPAC10F6.04	-1.782024e-03	-1.412401e-03	-8.692507e-04
## SPAC10F6.06	-3.830886e-02	-3.284837e-02	-1.464324e-03
## SPAC10F6.07c	9.486529e-04	8.596027e-04	2.601985e-03
## SPNCRNA.554	3.813748e-04	6.152990e-04	5.431819e-04
## SPAC10F6.08c	-1.437831e-04	1.112600e-03	2.077581e-03
## SPAC10F6.09c	1.438895e-03	-8.178189e-03	-1.375896e-02
## SPAC10F6.11c	4.643803e-03	2.014634e-03	4.562588e-04
## SPAC10F6.12c	-2.480281e-03	3.574111e-03	2.355700e-04
## SPAC10F6.13c	1.486046e-02	-8.523876e-03	1.987502e-03
## SPAC10F6.14c	3.639464e-03	-1.916570e-03	3.122882e-03
## SPNCRNA.82	-1.122901e-04	7.054338e-05	-1.546406e-04
## SPNCRNA.727	2.942743e-04	8.077300e-05	-3.734136e-04
## SPSNORNA.10	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.728	2.284537e-03	-4.296637e-03	-1.642560e-04
## SPNCRNA.729	-2.121872e-04	6.141689e-05	2.067688e-05
## SPAC10F6.16	-1.041363e-02	-7.014466e-03	5.086233e-03
## SPAC56E4.02c	-2.700144e-03	3.267606e-04	2.500914e-03
## SPAC56E4.04c	4.507988e-02	-1.052161e-02	2.977242e-02
## SPAC56E4.05	1.352849e-03	-2.620882e-03	2.154509e-03
## SPAC56E4.06c	4.847238e-03	1.153007e-03	-4.250598e-03
## SPAC1420.01c	1.099331e-02	-1.129119e-02	5.651727e-03
## SPAPB17E12.04c	5.100038e-04	1.600923e-04	-3.361969e-03
## SPAPB17E12.06	-8.123760e-05	1.756080e-03	4.341203e-04
## SPAPB17E12.07c	4.652917e-03	1.818280e-03	-2.903932e-04
## SPAPB17E12.08	-1.861221e-04	-5.373073e-04	-5.865692e-04
## SPAPB17E12.10c	-5.879891e-04	-1.951860e-03	1.322813e-03
## SPAPB17E12.09	-3.185763e-05	-4.829116e-04	-5.063295e-04
## SPAPB17E12.12c	-2.074985e-03	4.691177e-04	-2.749801e-03
## SPAPB17E12.14c	2.693230e-03	2.069332e-03	3.294042e-03
## SPAPB17E12.13	1.122612e-02	1.055215e-02	-2.295755e-02
## SPAC1565.01	-5.514697e-03	7.671796e-03	1.687291e-02
## SPAC1565.02c	2.530838e-03	-2.279556e-03	1.719764e-03
## SPAC1565.04c	1.743320e-03	-7.667407e-04	1.404297e-03
## SPNCRNA.169	9.162766e-05	-2.841865e-05	-2.325587e-05
## SPAC1565.08	1.088287e-03	4.644382e-03	-1.519165e-02
## SPAC6F12.02	2.015759e-03	-1.239841e-04	-1.643302e-03
## SPAC6F12.03c	7.435619e-05	-2.941795e-03	-4.572092e-03
## SPAC6F12.04	1.209048e-03	-1.307263e-03	-2.894361e-03
## SPAC6F12.05c	-1.719012e-03	-6.235680e-03	4.681204e-04

## SPAC6F12.10c	-4.457829e-03	-1.396012e-02	-1.132531e-02
## SPNCRNA.734	2.098205e-05	-7.318768e-05	-6.846180e-05
## SPAC6F12.11c	-2.789116e-03	-1.032977e-03	8.385440e-04
## SPAC6F12.14	1.991895e-03	1.369810e-03	-2.059806e-03
## SPNCRNA.735	3.236207e-04	-1.105401e-03	6.143417e-04
## SPAC6F12.16c	7.045284e-03	-2.411046e-03	-8.432795e-03
## SPAC6F12.17	-5.710409e-04	1.092653e-02	3.799891e-03
## SPNCRNA.736	5.799148e-04	-2.949910e-04	2.461381e-03
## SPNCRNA.737	7.906035e-05	-6.535655e-04	2.760536e-04
## SPAC57A10.02	4.371386e-03	5.041683e-03	7.543083e-03
## SPNCRNA.739	7.442721e-04	-6.628220e-04	6.474268e-05
## SPAC57A10.04	-1.370132e-03	2.356885e-05	-1.502639e-03
## SPAC57A10.14	3.297558e-04	1.646029e-03	-2.813718e-04
## SPAC57A10.10c	-6.894372e-03	-8.990078e-03	-1.005911e-02
## SPAC57A10.11c	-5.975425e-03	2.956677e-03	3.218128e-03
## SPAC20G8.01	5.935095e-04	8.914795e-04	-3.092650e-03
## SPAC20G8.02	4.327552e-04	-5.019532e-03	-6.750841e-03
## SPNCRNA.58	2.712820e-03	-3.912185e-04	-1.094197e-03
## SPAC20G8.03	6.616406e-03	-3.578847e-03	1.189416e-02
## SPNCRNA.740	1.035920e-03	-8.415081e-04	1.244612e-03
## SPAC20G8.07c	-1.251853e-02	6.225697e-03	4.477618e-03
## SPATRNACYS.01	2.735365e-03	-3.707846e-03	1.033890e-02
## SPAC3A12.02	-7.858703e-04	-1.711009e-03	4.639597e-04
## SPAC3A12.03c	-5.912582e-03	6.603560e-03	8.439519e-04
## SPAC3A12.05c	-1.844199e-04	4.201770e-03	1.641738e-03
## SPAC3A12.06c	-7.432498e-04	2.125675e-03	9.108431e-03
## SPAC3A12.08	3.743994e-03	-2.643745e-03	-2.710588e-03
## SPAC3A12.09c	-1.117360e-03	-2.707119e-04	8.266682e-05
## SPAC3A12.10	-3.173958e-02	4.419511e-02	-4.457881e-03
## SPAC3A12.12	-5.688731e-04	-2.645438e-03	-8.390401e-04
## SPAC3A12.13c	7.761150e-04	3.559343e-03	2.309737e-03
## SPATRNAPRO.03	1.741605e-02	-4.186662e-03	-5.930612e-03
## SPAC3A12.16c	1.300010e-03	-9.837701e-03	7.225187e-03
## SPAC3A12.17c	5.416099e-03	-3.799656e-03	-4.414665e-05
## SPAC9.02c	-2.967999e-03	-1.178635e-03	-9.651140e-04
## SPAC9.04	1.144247e-04	9.929872e-06	1.072045e-04
## SPAC9.07c	4.929776e-04	1.537369e-03	4.108559e-03
## SPNCRNA.742	6.860498e-04	7.934085e-05	1.524271e-03
## SPATRNAMET.02	3.771075e-02	-6.991591e-02	-2.932105e-02
## SPAC9.11	-8.782972e-05	-1.753233e-03	-2.616819e-04
## SPAC9.12c	2.162471e-03	-2.422926e-03	1.076440e-03
## SPAC9.13c	-3.697953e-03	8.290903e-04	3.017095e-03
## SPAC5D6.13	-1.637879e-03	-1.216941e-02	4.037332e-03
## SPAC5D6.08c	-5.837630e-04	1.843387e-03	-6.036891e-04
## SPAC5D6.06c	4.177761e-04	1.314156e-04	1.298408e-04
## SPAC5D6.05	3.230268e-04	-1.363905e-03	4.525094e-03
## SPAC5D6.01	-1.663024e-02	-1.617839e-03	2.535668e-02
## SPNCRNA.173	3.295086e-05	-4.449532e-04	-3.909242e-04
## SPAC57A7.13	-4.332990e-03	-2.658625e-03	1.950852e-03
## SPAC57A7.12	9.843039e-03	-2.846271e-02	-1.835893e-02
## SPAC57A7.11	-5.775878e-03	-2.637851e-03	-3.615742e-03
## SPAC57A7.09	1.232414e-03	-1.137041e-03	1.483068e-03
## SPATRNALEU.01	6.223528e-03	4.809591e-03	6.344600e-03
## SPAC57A7.07c	-3.568890e-03	5.204218e-03	6.141867e-03

## SPNCRNA.744	-5.960534e-04	3.784685e-04	1.190566e-04
## SPAC57A7.05	1.383354e-03	-1.093271e-02	3.997794e-03
## SPAC57A7.15c	-1.243801e-04	2.758608e-03	5.460037e-04
## SPAC167.06c	1.351380e-03	3.759130e-03	-2.073801e-03
## SPAC167.02	7.947137e-04	1.546758e-03	-1.329617e-03
## SPAC167.03c	1.401079e-03	3.330076e-03	2.350130e-03
## SPAC167.01	3.452157e-03	-5.149514e-03	1.081134e-02
## SPNCRNA.555	2.599262e-04	-3.778649e-04	1.058789e-04
## SPRRNA.53	-8.211632e-02	5.960815e-02	8.971930e-02
## SPAC1705.02	4.780587e-03	-3.084642e-03	5.163406e-04
## SPNCRNA.175	-3.867136e-04	-3.689834e-04	7.375562e-05
## SPAC23H4.18c	-1.926768e-03	1.686021e-03	-2.466520e-03
## SPAC23H4.14	2.154231e-04	2.782743e-03	-3.842100e-03
## SPAC23H4.11c	-2.211474e-03	8.913197e-04	6.707971e-04
## SPAC23H4.10c	4.910574e-03	-7.353824e-03	9.365284e-04
## SPAC23H4.09	-6.423247e-03	9.316294e-04	1.926495e-04
## SPAC23H4.06	1.958511e-02	7.871272e-04	-9.776494e-03
## SPAC23H4.03c	-9.448247e-03	-7.725152e-03	1.487195e-03
## SPAC23H4.02	1.067589e-03	3.295151e-03	4.617653e-03
## SPAC23H4.01c	-9.001744e-04	3.503632e-03	-1.478502e-03
## SPAP27G11.02	5.656029e-03	4.510772e-03	3.865473e-03
## SPNCRNA.748	-3.707991e-05	-6.441192e-04	1.429404e-04
## SPAP27G11.04c	2.426088e-03	2.100237e-03	3.358131e-03
## SPAP27G11.06c	-3.876346e-03	-5.186892e-03	-4.463533e-03
## SPAP27G11.07c	1.877367e-03	1.117211e-03	1.105128e-03
## SPAP27G11.08c	8.634204e-04	-1.791701e-05	-5.429560e-04
## SPAP27G11.10c	-5.880829e-04	-1.919361e-02	1.361032e-02
## SPAP27G11.11c	-3.418599e-04	2.509302e-04	-6.708878e-05
## SPNCRNA.750	9.019539e-05	3.174913e-04	2.851061e-04
## SPAP27G11.16	-6.715137e-04	1.350768e-04	5.005158e-04
## SPAP27G11.12	-1.150972e-03	-1.095534e-03	3.451778e-04
## SPAP27G11.13c	-1.140357e-03	-2.531903e-03	3.970517e-03
## SPAC343.02	-8.516859e-03	2.186614e-03	1.961329e-03
## SPATRNAGLY.01	1.195796e-02	-1.188705e-02	-3.029629e-02
## SPNCRNA.751	2.911674e-04	4.281098e-04	7.040703e-04
## SPAC343.06c	-5.471842e-03	-4.075586e-03	1.152339e-03
## SPAC343.09	-2.065960e-03	-1.829275e-03	6.614109e-03
## SPNCRNA.753	-8.086986e-05	-1.247763e-04	-7.487105e-04
## SPAC343.21	-1.253952e-03	-1.263341e-03	2.563272e-03
## SPAC343.12	6.537215e-02	1.606050e-02	-3.540299e-02
## SPAC343.13	9.262968e-04	-3.435936e-03	1.874145e-03
## SPAC343.14c	2.138946e-03	1.447772e-03	-4.280589e-04
## SPAC343.16	1.460845e-02	4.391700e-03	3.772896e-03
## SPAC343.18	-9.014591e-05	-5.225329e-03	1.901359e-03
## SPAC343.19	4.537736e-03	-2.220476e-03	8.188427e-04
## SPAC824.02	-8.553635e-04	-3.899679e-03	9.720550e-04
## SPAC824.03c	4.382086e-03	-6.995849e-04	-9.401788e-04
## SPNCRNA.755	9.933759e-05	-6.499371e-04	-1.113596e-04
## SPAC824.06	1.082059e-03	7.004518e-04	-4.723590e-03
## SPAC824.09c	3.414494e-03	-1.701146e-04	-1.842227e-03
## SPNCRNA.177	1.541698e-04	-3.146732e-04	-1.099871e-04
## SPAC664.01c	1.386682e-03	8.360366e-03	7.955668e-03
## SPAC664.02c	6.309845e-03	5.377946e-03	-5.045371e-03
## SPAC664.05	-2.181689e-03	-9.634750e-03	6.125173e-03

## SPNCRNA.756	2.044170e-03	1.312528e-03	2.062323e-04
## SPAC664.06	3.962891e-03	-1.988572e-03	-2.090150e-02
## SPSNORNA.31	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.757	3.921111e-04	-3.973777e-04	3.262580e-04
## SPAC664.13	-2.529925e-03	1.075104e-03	-7.410774e-04
## SPATRNALYS.02	2.077703e-03	-4.346960e-03	2.449590e-04
## SPAC664.15	-2.304595e-06	2.626552e-03	1.116502e-03
## SPAC105.02c	5.698553e-03	-9.595633e-03	7.617152e-03
## SPATRNATYR.01	-6.049622e-03	1.020104e-02	4.585431e-03
## SPAC105.03c	6.616218e-03	2.282828e-03	2.044584e-03
## SPAC17A5.01	2.362787e-04	-3.779476e-03	8.649541e-03
## SPNCRNA.759	-3.577049e-04	-4.201456e-05	4.700631e-04
## SPNCRNA.556	8.109277e-05	1.811819e-04	6.291080e-04
## SPAC17A5.05c	1.546810e-03	-1.321711e-03	-1.053958e-03
## SPAC17A5.07c	-7.400125e-04	2.962273e-03	-3.883934e-03
## SPAC17A5.09c	4.109753e-03	2.602708e-03	-8.021426e-04
## SPATRNAILE.01	5.571228e-03	1.551970e-03	-2.666106e-03
## SPNCRNA.760	6.946622e-04	-1.299504e-03	8.794393e-04
## SPNCRNA.761	1.743558e-03	-3.132805e-04	5.028230e-04
## SPAC17A5.13	-4.551954e-04	3.424888e-04	6.653484e-03
## SPAC17A5.15c	1.470231e-02	5.017529e-03	-2.264044e-02
## SPNCRNA.762	2.047811e-03	-5.901705e-04	-3.506529e-04
## SPAC1002.01	4.947367e-04	-1.179189e-03	2.360130e-04
## SPAC1002.06c	1.601550e-04	3.403643e-04	6.729191e-05
## SPAC1002.07c	-2.371087e-03	3.698897e-03	-5.573319e-03
## SPAC1002.08c	2.335489e-03	5.659336e-03	1.204361e-03
## SPNCRNA.763	3.762654e-04	-2.131159e-03	-1.193839e-04
## SPAC1002.10c	-1.070360e-03	-3.506411e-03	-1.655302e-03
## SPAC1002.11	4.458570e-03	9.148703e-04	-5.232229e-03
## SPAC1002.13c	-2.530704e-02	-1.783814e-02	9.612387e-03
## SPAC1002.15c	2.018282e-03	6.031227e-04	-3.458220e-03
## SPAC1002.14	-1.753530e-03	1.044366e-03	-2.816167e-03
## SPAC1002.16c	-8.317186e-04	-3.908433e-04	-1.329634e-04
## SPAC1002.17c	4.344849e-02	2.087366e-03	-5.353592e-04
## SPAC1002.18	3.125636e-02	-2.257931e-03	4.594043e-03
## SPAC1399.05c	2.957362e-03	-8.107189e-04	-5.614510e-04
## SPNCRNA.764	6.562713e-04	-4.760182e-04	-1.476363e-03
## SPNCRNA.178	3.654219e-04	-5.978339e-04	2.635449e-04
## SPAC1399.02	2.244376e-03	3.005368e-03	-1.765519e-03
## SPAC1399.06	-6.071115e-04	7.774725e-04	8.854073e-04
## SPAP11E10.01	4.469632e-03	4.277123e-03	3.792107e-04
## SPAPB1A10.03	1.802929e-04	-4.108262e-05	-6.418377e-04
## SPAPB1A10.16	1.155680e-03	-1.662465e-03	-1.386125e-03
## SPAPB1A10.04c	1.138349e-03	1.075480e-03	-4.029291e-03
## SPNCRNA.765	-1.959744e-04	8.122617e-04	-1.021180e-04
## SPAPB1A10.05	5.809621e-04	6.507336e-04	-7.628647e-04
## SPNCRNA.766	-7.609492e-04	-1.091136e-03	-2.131938e-04
## SPAPB1A10.09	7.846326e-04	-1.013509e-03	5.083604e-03
## SPAPB1A10.13	-2.444606e-03	5.492703e-06	3.745387e-03
## SPAPB1A10.14	-2.013878e-03	-1.096831e-03	3.730096e-03
## SPAPB1A10.15	8.202928e-04	-2.225097e-03	1.321663e-03
## SPAC140.01	1.874327e-02	7.339088e-03	1.419310e-03
## SPAC140.03	-3.863065e-03	-1.733725e-03	5.223619e-03
## SPNCRNA.182	8.392668e-05	2.117739e-05	-8.458793e-05

## SPNCRNA.772	-2.879546e-04	7.709251e-04	1.859786e-04
## SPNCRNA.557	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC110.05	-1.016506e-03	3.801318e-05	-5.069913e-04
## SPAC110.01	-1.877832e-03	-4.351549e-03	1.649610e-03
## SPAC110.03	3.129290e-03	-7.539499e-04	-4.442024e-03
## SPNCRNA.774	1.120826e-05	7.625912e-04	-6.028070e-04
## SPAC3H1.01c	-1.764707e-03	9.247968e-03	7.461567e-04
## SPAC3H1.02c	-2.185481e-03	-2.896958e-03	-1.151678e-03
## SPAC3H1.04c	1.287668e-03	-3.319708e-03	-2.441726e-03
## SPAC3H1.05	1.185771e-03	2.647473e-03	4.369773e-04
## SPAC3H1.06c	-2.364658e-03	-5.440945e-03	-1.082639e-04
## SPAC3H1.07	-7.294534e-03	3.562733e-02	-2.938365e-02
## SPAC3H1.09c	2.540329e-03	-7.082088e-03	1.329499e-03
## SPNCRNA.777	-4.219132e-04	1.492163e-04	-2.103273e-03
## SPNCRNA.781	-2.458353e-03	-3.133047e-04	-6.961418e-04
## SPNCRNA.783	1.368320e-04	-3.253136e-04	-1.786663e-04
## SPNCRNA.784	4.167042e-04	-1.331165e-04	-1.773557e-04
## SPAC3H1.12c	2.259748e-03	-1.949346e-03	1.916776e-03
## SPAC3H1.13	2.189190e-03	-5.116713e-04	-2.327567e-03
## SPNCRNA.530	-1.434484e-02	4.027059e-03	-7.492058e-04
## SPAC9G1.14	-3.345582e-04	-6.106971e-04	6.799531e-04
## SPAC9G1.02	1.381773e-02	-1.305122e-02	-2.474356e-03
## SPAC9G1.03c	1.188604e-02	3.312546e-02	2.612167e-02
## SPAC9G1.04	-4.618841e-03	3.860897e-03	2.696540e-03
## SPAC9G1.08c	-2.459914e-03	-1.464732e-03	-1.178107e-03
## SPAC9G1.15c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC9G1.09	1.972435e-03	-3.735390e-03	2.145931e-03
## SPAC9G1.10c	-1.863961e-03	2.827250e-03	-2.989532e-03
## SPAC9G1.13c	-7.745489e-03	3.575587e-03	-3.373102e-03
## SPNCRNA.785	3.543427e-04	-1.718467e-03	1.708869e-03
## SPAC17H9.02	-6.233471e-03	-5.623341e-04	-4.487453e-04
## SPAC17H9.03c	8.135115e-04	-3.970306e-03	-4.007072e-04
## SPAC17H9.04c	1.560951e-02	2.608956e-03	2.258706e-02
## SPNCRNA.787	6.936897e-05	-1.212713e-04	5.557671e-05
## SPAC17H9.09c	1.330097e-03	-1.090215e-03	3.591984e-03
## SPAC17H9.10c	-6.694074e-03	6.225536e-03	-1.240752e-02
## SPAC17H9.12c	1.051990e-03	2.574252e-03	-3.106747e-03
## SPAC17H9.13c	-5.405293e-03	-1.117582e-02	2.078734e-03
## SPAC17H9.14c	-6.088488e-03	2.550631e-03	2.290018e-02
## SPNCRNA.184	2.635095e-04	3.643944e-04	-2.109282e-04
## SPAC17H9.16	-2.111731e-03	-1.533615e-02	-4.967077e-03
## SPAC17H9.17c	3.360056e-03	2.468944e-05	1.519360e-03
## SPAC17H9.20	3.681286e-03	-1.005571e-03	-1.730364e-04
## SPAC607.03c	-3.510387e-03	-1.288397e-02	4.764561e-04
## SPNCRNA.185	1.189471e-04	9.362240e-05	8.035136e-06
## SPAC607.04	-8.695105e-04	-2.389888e-03	7.238705e-04
## SPAC607.05	1.977557e-03	-4.328503e-03	-1.316316e-02
## SPAC607.06c	-6.478518e-04	3.157023e-03	-1.000838e-03
## SPAC607.09c	4.046953e-03	1.302357e-04	-1.748271e-05
## SPAC732.01	-2.291213e-03	-3.108812e-03	-6.926268e-04
## SPAC732.02c	5.705837e-03	-7.005199e-04	-9.040485e-03
## SPAC3C7.02c	1.656951e-03	4.457076e-04	1.809086e-03
## SPNCRNA.791	2.180727e-04	-4.776510e-05	1.062608e-04
## SPAC3C7.08c	7.341305e-03	1.100789e-02	-2.702275e-02

## SPAC3C7.09	4.563821e-04	-3.808227e-03	3.228692e-04
## SPNCRNA.793	-3.075412e-03	3.092689e-04	1.919809e-03
## SPNCRNA.794	6.305044e-04	-9.198259e-04	5.193020e-04
## SPAC25A8.03c	-1.320527e-03	7.348327e-04	2.787058e-03
## SPAC25A8.02	-1.807343e-03	-2.090216e-03	-1.757786e-03
## SPAC631.02	-3.196951e-03	-4.983126e-03	1.043102e-02
## SPAC20H4.02	-4.758463e-03	-8.626424e-04	-3.081050e-03
## SPAC20H4.03c	1.069580e-03	-6.238872e-03	1.988374e-03
## SPAC20H4.04	3.616871e-03	3.171729e-03	7.957174e-04
## SPAC20H4.08	-4.275441e-03	-3.084115e-03	2.196716e-03
## SPAC20H4.09	-1.798132e-03	-4.589874e-04	-8.929635e-04
## SPNCRNA.797	-2.748922e-04	-8.434056e-04	7.921777e-04
## SPAC20H4.10	-5.082369e-03	3.778657e-03	-5.065611e-03
## SPAC23C11.01	-8.391822e-04	-5.544314e-03	9.450104e-04
## SPAC23C11.03	-1.838280e-03	3.700919e-04	4.385672e-03
## SPAC23C11.04c	1.057356e-03	-2.994118e-05	-2.668085e-03
## SPAC23C11.05	1.993614e-02	-7.738284e-03	4.194420e-02
## SPAC23C11.08	3.727256e-05	4.165135e-03	-2.092197e-03
## SPNCRNA.799	2.277443e-04	4.879738e-04	4.349868e-04
## SPAC23C11.09	-7.696900e-03	-5.668608e-03	2.872727e-02
## SPAC23C11.10	-1.089061e-03	-4.556493e-04	2.646370e-03
## SPAC23C11.11	8.159095e-03	-9.389191e-04	1.000563e-02
## SPNCRNA.800	-1.963655e-03	-3.276865e-04	-9.989082e-04
## SPAC23C11.14	-1.187766e-02	-3.865612e-03	4.057836e-03
## SPAC23C11.15	-1.290666e-03	-2.524859e-03	-5.027282e-03
## SPAC23C11.17	-4.022174e-03	-2.018332e-03	-3.798230e-03
## SPAC13F5.01c	-1.444478e-03	-5.951840e-03	-2.539502e-03
## SPAC13F5.02c	-3.938181e-03	4.987414e-03	-4.368404e-03
## SPNCRNA.801	-5.070756e-04	9.068082e-04	-1.189628e-03
## SPAC13F5.06c	-1.848540e-03	-4.137854e-03	1.841297e-02
## SPNCRNA.802	4.905818e-04	-1.024220e-03	3.548400e-04
## SPAC13F5.07c	-1.672315e-03	-1.497733e-03	-1.590248e-03
## SPAC1783.02c	1.903810e-03	-3.008605e-03	-8.118032e-04
## SPAC1783.04c	-2.702332e-03	1.201915e-03	1.613488e-03
## SPNCRNA.803	6.723028e-04	1.026649e-03	3.485508e-04
## SPAC1783.06c	-4.115923e-04	3.551390e-04	4.622221e-04
## SPNCRNA.804	7.354322e-04	-1.025742e-03	6.056141e-04
## SPAC1783.07c	-4.669251e-03	3.855718e-03	-3.315204e-03
## SPAC1783.08c	1.015552e-02	2.016560e-02	3.523690e-02
## SPAC1327.01c	1.029529e-03	3.844600e-04	5.747196e-04
## SPAC18G6.01c	1.669415e-03	5.604858e-04	4.429973e-04
## SPAC18G6.02c	2.137998e-03	-7.289791e-04	-6.797264e-03
## SPATRNAVAL.03	5.684113e-03	-1.634338e-03	-9.968691e-03
## SPAC18G6.04c	-8.797783e-03	1.029180e-03	-8.733249e-03
## SPAC18G6.05c	-1.166907e-02	-1.915656e-02	-1.524618e-02
## SPAC18G6.06	3.730410e-03	-2.669400e-03	-2.871920e-03
## SPAC18G6.07c	-3.957319e-03	9.645266e-03	-1.239729e-02
## SPAC18G6.09c	1.985031e-03	4.020273e-03	-2.605504e-03
## SPAC18G6.10	-1.963562e-03	-4.542921e-03	2.055796e-03
## SPAC18G6.11c	2.919909e-03	2.789900e-03	2.371887e-03
## SPAC18G6.12c	2.015243e-03	-3.178528e-03	-3.869682e-03
## SPNCRNA.806	-4.039378e-04	-6.257879e-04	-2.190286e-04
## SPAC18G6.13	-2.829565e-04	-6.022722e-04	1.865802e-04
## SPAC18G6.14c	-1.430603e-02	-9.543378e-03	1.467561e-02

## SPAC13D6.02c	-1.127587e-02	2.281385e-02	-7.666876e-03
## SPNCRNA.189	-8.042554e-04	-3.307258e-04	-1.281316e-03
## SPATRNAGLY.02	1.014003e-02	-2.119881e-03	-1.256047e-02
## SPAC13D6.04c	-1.617339e-03	-1.071372e-03	2.282419e-03
## SPAC13D6.05	-2.170909e-03	2.701330e-03	-1.488764e-03
## SPAC4G9.02	-1.321000e-03	3.459379e-03	-1.667377e-03
## SPAC4G9.07	2.992444e-04	1.043234e-04	-6.729444e-04
## SPAC4G9.08c	-9.634864e-04	-1.347216e-03	-6.994744e-03
## SPAC4G9.13c	1.094200e-03	-2.550980e-03	1.242492e-04
## SPAC4G9.16c	-3.124860e-02	2.732029e-02	-8.756904e-03
## SPAC4G9.17c	-4.036072e-04	-2.390023e-04	-3.587165e-03
## SPAC4G9.22	-6.862632e-04	6.749398e-03	-2.636815e-03
## SPNCRNA.811	-2.700354e-04	2.945028e-04	2.499612e-04
## SPNCRNA.190	-6.038544e-04	-1.676354e-04	-1.285786e-04
## SPAC13G7.07	-2.120806e-04	-1.613155e-03	-7.794198e-04
## SPAC13G7.08c	1.606143e-04	-1.604251e-03	1.002421e-02
## SPAC13G7.09c	-8.848642e-05	-1.078001e-03	-4.458143e-03
## SPAC13G7.11	6.144895e-04	-2.861062e-04	4.038067e-03
## SPAC6C3.02c	3.589536e-03	1.956209e-02	7.974259e-03
## SPAC6C3.04	-5.372275e-03	3.222234e-03	4.797868e-03
## SPNCRNA.814	7.678403e-04	1.038121e-03	-7.702706e-04
## SPAC6C3.06c	1.046120e-02	-6.879562e-03	-8.457993e-03
## SPAC6C3.07	7.066329e-05	7.340087e-05	1.214167e-03
## SPAC17G8.01c	6.271581e-03	-2.217107e-03	5.316465e-03
## SPAC17G8.02	3.993393e-04	1.608987e-03	-2.465620e-03
## SPAC17G8.05	2.468020e-03	-1.179884e-03	-2.387924e-03
## SPAC17G8.07	3.193269e-03	4.676554e-04	-2.957634e-03
## SPAC17G8.09	-4.916615e-04	-1.163869e-03	-2.147718e-04
## SPAC17G8.10c	7.312839e-04	-1.789002e-03	2.411212e-03
## SPNCRNA.817	-4.993243e-05	8.878549e-05	2.109743e-04
## SPAC17G8.12	-1.730687e-04	-4.031928e-05	3.548525e-03
## SPNCRNA.192	-1.627608e-04	3.622597e-04	-2.622073e-04
## SPNCRNA.819	6.906140e-04	2.379921e-04	-7.784222e-04
## SPAC22H10.03c	-6.843814e-03	-3.157609e-03	-1.018973e-03
## SPNCRNA.821	2.165666e-04	1.076374e-04	-5.904465e-05
## SPAC22H10.13	1.755908e-03	-8.688066e-04	7.517776e-03
## SPAC22H10.09	1.892355e-03	1.456244e-03	6.009374e-03
## SPAC22H10.10	2.093959e-04	3.387264e-03	-2.017738e-04
## SPAC15F9.02	-7.366409e-04	-1.376264e-04	-3.329986e-03
## SPAC15F9.03c	-3.311281e-03	2.074112e-03	-7.072890e-03
## SPAC1B9.02c	2.132035e-03	-8.435044e-03	-8.084294e-03
## SPAC1B9.03c	7.667630e-03	-1.589404e-02	-1.082528e-02
## SPAC6B12.03c	2.216838e-03	8.811924e-04	-1.170373e-03
## SPAC6B12.18	-6.228333e-03	6.495616e-04	5.220557e-03
## SPAC6B12.07c	6.625594e-03	5.077321e-03	1.297736e-02
## SPAC6B12.08	1.758397e-04	-1.219978e-03	1.301594e-04
## SPAC6B12.13	3.345872e-03	-1.133183e-03	5.417218e-03
## SPNCRNA.195	1.537611e-04	3.681511e-04	8.353085e-04
## SPAC6B12.15	2.087824e-02	3.971506e-03	-1.434971e-02
## SPATRNALYS.03	1.336136e-03	-2.140545e-03	-1.206404e-03
## SPAC32A11.02c	-1.600837e-01	-3.005130e-02	6.733705e-02
## SPNCRNA.828	-1.090496e-03	-3.355484e-04	-2.508215e-03
## SPNCRNA.829	-5.755760e-04	-1.311526e-03	2.036223e-03
## SPAC19A8.13	1.703857e-03	-4.276465e-03	-1.677723e-03

## SPAC19A8.12	1.127073e-03	1.921978e-03	2.708370e-03
## SPAC19A8.11c	7.512488e-04	2.285411e-03	2.996710e-03
## SPAC19A8.10	-2.686313e-03	3.153680e-03	3.889059e-03
## SPAC19A8.09	-3.710868e-04	1.142546e-03	2.209935e-03
## SPAC19A8.08	-8.035526e-04	2.787720e-03	1.264419e-03
## SPNCRNA.286	-2.957709e-05	1.725341e-04	-1.144338e-04
## SPAC19A8.07c	-4.160031e-03	-4.185234e-03	3.059424e-03
## SPAC19A8.05c	1.154322e-03	-4.287479e-03	3.628876e-04
## SPAC19A8.04	5.117962e-03	-1.448074e-02	3.494448e-03
## SPAC19A8.03	-2.355614e-03	-8.493635e-03	-5.408637e-03
## SPAC19A8.02	-7.040161e-03	-8.582027e-03	-3.910810e-03
## SPAC19A8.01c	-1.028485e-03	1.157529e-04	2.492439e-03
## SPAC23H3.04	-1.043565e-03	-4.230954e-04	2.222458e-03
## SPAC23H3.05c	-7.641366e-03	-9.527850e-04	-1.675745e-03
## SPAC23H3.06	3.039540e-04	-2.068514e-03	4.129127e-04
## SPAC23H3.08c	-4.372533e-03	2.279774e-03	1.821185e-03
## SPAC23H3.13c	-2.125574e-03	-7.715131e-03	1.808974e-03
## SPNCRNA.197	-7.589766e-05	6.813509e-05	6.466153e-05
## SPNCRNA.831	1.190088e-04	3.617199e-04	-1.371104e-04
## SPAC23H3.15c	5.633798e-02	1.002316e-02	5.733506e-02
## SPNCRNA.833	1.881179e-03	9.776997e-04	7.840435e-04
## SPAC25H1.04	2.911243e-03	3.938269e-03	2.911262e-03
## SPAC25H1.05	-5.485188e-03	-4.052201e-04	-2.312830e-03
## SPAC25H1.06	-3.619745e-03	-7.961883e-04	4.826016e-03
## SPAC25H1.07	3.582697e-03	-5.475739e-03	-7.539128e-03
## SPAC25H1.08c	1.065833e-03	-5.315196e-03	1.161502e-02
## SPAC4A8.04	1.122000e-02	1.101109e-03	7.124154e-03
## SPAC4A8.05c	-7.618318e-03	-2.054697e-02	-1.312007e-02
## SPNCRNA.836	-2.360300e-04	-2.041461e-03	5.097210e-03
## SPNCRNA.837	-7.384497e-04	-4.592786e-04	-8.621418e-04
## SPAC4A8.07c	4.797922e-03	-8.164590e-03	9.843417e-04
## SPAC4A8.08c	3.775912e-04	-4.359485e-03	-9.657446e-03
## SPNCRNA.838	-3.450605e-03	2.660000e-03	2.318274e-03
## SPSNRNA.06	-4.502749e-02	-1.616771e-02	-8.008439e-02
## SPAC4A8.10	-1.497805e-03	-3.945442e-03	4.242163e-03
## SPNCRNA.839	-2.008368e-03	-7.519110e-04	7.403299e-04
## SPAC4A8.12c	3.218666e-04	3.617283e-03	5.214953e-03
## SPAC4A8.14	-8.393522e-03	1.384389e-02	1.683626e-02
## SPATRNAILE.02	1.917588e-02	5.586799e-02	1.106111e-02
## SPAC823.03	-1.363781e-02	-6.511192e-05	3.425935e-03
## SPAC823.07	6.925611e-03	2.870786e-04	-4.650029e-03
## SPNCRNA.199	-3.757871e-05	-4.463199e-05	8.415182e-04
## SPAC823.11	6.061911e-04	2.694846e-03	-4.130352e-03
## SPAC823.12	-5.460147e-03	1.153237e-02	1.061650e-02
## SPAC823.13c	6.408219e-04	-6.776228e-03	2.736143e-03
## SPAC823.14	1.342350e-03	-1.447875e-03	-6.841139e-03
## SPNCRNA.841	-9.233561e-04	-2.118706e-03	-1.884142e-03
## SPAC823.16c	1.316058e-04	-2.898447e-03	-2.354836e-03
## SPAC7D4.14c	1.275260e-03	-5.926217e-04	3.267988e-03
## SPAC7D4.11c	2.493350e-03	-3.707997e-03	-4.409906e-03
## SPAC7D4.09c	2.046755e-03	-1.317527e-03	2.944698e-03
## SPAC7D4.08	-1.046854e-03	-9.876406e-04	-3.652543e-04
## SPAC7D4.06c	9.248744e-04	-4.292848e-03	-1.004024e-03
## SPAC7D4.04	-3.390991e-04	3.630803e-04	4.906857e-03

## SPAC7D4.03c	-1.312469e-02	-9.013003e-03	1.151145e-02
## SPAC4F8.15	2.340843e-03	-2.630243e-03	-1.277258e-04
## SPAC4F8.14c	-5.870676e-03	6.208491e-03	1.817176e-03
## SPNCRNA.843	6.379846e-04	2.910601e-04	-3.093860e-04
## SPAC4F8.12c	1.490516e-02	6.034040e-04	-2.709897e-02
## SPNCRNA.326	-6.240385e-06	-2.572651e-05	9.530912e-05
## SPAC4F8.10c	8.830567e-03	-1.370755e-03	9.433477e-03
## SPNCRNA.200	8.095112e-05	4.289815e-04	-2.354718e-04
## SPAC4F8.07c	3.921531e-02	-2.242304e-02	2.330441e-03
## SPAC4F8.03	1.846849e-03	-1.893684e-03	-4.719799e-03
## SPAC4F8.02c	2.068312e-03	3.093665e-03	3.649523e-04
## SPAC4F8.01	-2.195725e-03	9.872868e-04	-2.878055e-03
## SPAC644.04	2.880663e-03	2.174606e-03	-6.366542e-05
## SPAC644.05c	-4.829112e-03	3.356832e-03	-4.765188e-03
## SPAC644.08	-2.243676e-03	2.081840e-03	-1.350741e-03
## SPAC644.11c	-5.446237e-03	1.600069e-03	-2.477438e-03
## SPNCRNA.202	-2.455408e-05	-2.241577e-05	-9.903579e-05
## SPAC644.14c	1.532779e-03	-7.362117e-04	8.531400e-03
## SPAC644.15	3.525627e-02	2.951633e-03	-4.821901e-02
## SPAC644.16	1.648467e-03	-1.065913e-03	-4.899383e-03
## SPNCRNA.845	-3.877350e-04	-1.430472e-04	4.483325e-05
## SPAPB2B4.02	2.728045e-03	4.030491e-03	6.763010e-03
## SPAPB2B4.03	-1.080171e-02	-1.606982e-02	2.038169e-03
## SPAPB2B4.04c	-5.321286e-03	-1.524467e-02	5.140204e-03
## SPAC6F6.02c	-7.199232e-04	-7.218771e-03	-4.967610e-03
## SPAC6F6.03c	-1.063596e-04	-1.830750e-02	1.703319e-03
## SPAC6F6.04c	2.323929e-03	1.041668e-03	-3.832715e-03
## SPNCRNA.848	1.786775e-04	5.360892e-04	-8.084024e-04
## SPAC6F6.08c	1.037135e-03	-6.461547e-04	1.888195e-04
## SPAC6F6.09	-1.506022e-03	-1.991769e-03	-3.975716e-03
## SPAC6F6.10c	8.313603e-03	4.623874e-03	-5.256904e-03
## SPAC6F6.11c	3.167213e-03	5.119485e-03	1.422989e-03
## SPNCRNA.849	1.205894e-03	8.828993e-04	1.180448e-03
## SPAC6F6.13c	-5.716326e-03	-4.251122e-03	8.190051e-04
## SPAC6F6.17	1.292405e-02	-8.635027e-03	-1.289467e-02
## SPNCRNA.852	1.245395e-05	3.385530e-04	-8.856658e-04
## SPAC1805.03c	-6.374616e-04	-1.046421e-03	1.839501e-03
## SPAC1805.04	9.192110e-03	-2.932504e-04	-1.922901e-03
## SPAC1805.05	-2.269397e-03	3.306166e-03	-2.829588e-03
## SPSNORNA.52	-4.475169e-03	7.556021e-03	-7.816185e-03
## SPAC1805.11c	1.653867e-02	-1.986703e-02	1.244307e-02
## SPAC1805.14	6.925473e-03	-1.853408e-03	5.153404e-03
## SPAC1805.15c	5.907170e-04	6.917978e-04	-2.602348e-04
## SPAC1805.16c	-3.172105e-03	3.967999e-03	7.362966e-03
## SPNCRNA.208	6.627628e-05	-3.299852e-05	3.914148e-05
## SPAC1805.17	1.442386e-02	1.610163e-02	-1.676404e-02
## SPAC1B2.06	8.077758e-04	1.246323e-03	2.432078e-04
## SPAC3F10.02c	4.320254e-03	-2.144088e-03	3.293165e-03
## SPAC3F10.05c	3.134211e-03	-7.558187e-03	6.573138e-03
## SPAC3F10.07c	-8.946314e-04	2.646234e-04	6.420533e-04
## SPAC3F10.19	2.175833e-03	-3.669727e-03	2.510449e-03
## SPAC3F10.08c	1.325663e-03	2.051340e-03	-3.591120e-03
## SPAC3F10.10c	-1.916725e-04	5.979827e-04	2.898852e-05
## SPAC3F10.12c	-4.309670e-03	-4.167916e-05	-3.774918e-04

## SPAC8F11.02c	-1.442119e-03	4.242513e-03	-1.129869e-03
## SPAC8F11.05c	3.229950e-04	-2.348997e-04	-7.883745e-04
## SPAC8F11.06	7.179143e-04	1.438624e-03	-5.239058e-03
## SPAC8F11.07c	-9.176852e-04	-2.839631e-03	-2.195518e-03
## SPAC8F11.10c	-3.807958e-03	-1.617980e-02	6.004713e-03
## SPACUNK4.13c	-2.499135e-03	3.374266e-04	6.429576e-04
## SPACUNK4.10	-3.793190e-03	-9.564288e-03	-1.824018e-03
## SPNCRNA.858	7.464279e-04	2.682084e-04	6.081477e-04
## SPACUNK4.07c	-3.246375e-03	-3.513961e-03	1.055816e-03
## SPACUNK4.06c	-1.011589e-02	-6.026694e-03	-1.017844e-02
## SPAC513.01c	-1.705533e-02	-1.526711e-03	8.403821e-03
## SPAC513.02	7.321375e-04	-1.163620e-03	2.477932e-03
## SPAC513.03	-4.541200e-03	-1.664485e-03	-1.988741e-04
## SPAC513.05	-4.757027e-03	-6.041483e-03	1.554125e-03
## SPAC2E1P3.01	-3.030187e-03	-8.934301e-03	1.174566e-03
## SPNCRNA.859	6.092178e-04	-1.235968e-03	7.231104e-04
## SPAC2E1P3.04	1.678622e-03	-7.698898e-03	-7.736365e-04
## SPAPB2C8.01	-7.210228e-03	3.995083e-03	-6.282689e-03
## SPNCRNA.864	-6.535593e-04	2.316559e-03	-3.658255e-04
## SPAPB24D3.05c	6.045750e-05	-6.440538e-04	6.618475e-04
## SPAPB24D3.06c	1.464940e-03	2.648451e-03	-6.323541e-03
## SPNCRNA.865	1.135171e-03	1.253012e-03	-9.015820e-04
## SPAPB24D3.08c	-1.406676e-02	1.901607e-03	5.734904e-03
## SPNCRNA.866	-2.414127e-03	-4.961508e-04	2.150739e-03
## SPNCRNA.31	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.01	-1.534754e-04	-9.246755e-04	-7.261167e-04
## SPRRNA.13	0.000000e+00	0.000000e+00	0.000000e+00
## SPAPB1A11.02	-4.941122e-04	1.146702e-04	4.510928e-04
## SPAPB1A11.03	-2.882847e-03	-2.217194e-03	5.341330e-03
## SPAC31G5.01	3.826823e-03	3.509702e-03	-4.764466e-03
## SPAC31G5.03	1.402512e-02	-2.353057e-02	-7.870544e-03
## SPAC31G5.05c	-5.900995e-03	1.293128e-02	1.776259e-03
## SPAC31G5.07	8.866028e-04	1.864638e-03	-1.795995e-03
## SPAC31G5.09c	6.611379e-04	-6.170552e-04	-6.823372e-04
## SPNCRNA.872	3.671020e-04	-7.216879e-04	2.699916e-04
## SPNCRNA.72	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC31G5.10	-2.410536e-03	-1.946707e-03	-1.080369e-03
## SPNCRNA.74	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.873	-2.613231e-04	-8.240595e-04	-1.325384e-03
## SPAC31G5.12c	3.817049e-03	-7.369025e-04	6.058917e-03
## SPAC31G5.13	-5.328362e-03	1.619344e-02	7.668514e-04
## SPNCRNA.875	-1.529252e-04	1.232081e-03	-8.215874e-04
## SPAC31G5.15	-6.118326e-03	-4.713623e-03	-1.915255e-03
## SPAC31G5.17c	-2.518609e-02	-3.656777e-02	9.283143e-03
## SPAC1786.01c	-1.818610e-02	4.516139e-03	5.833635e-03
## SPAC1786.04	1.755504e-05	-3.477358e-04	-1.078842e-04
## SPNCRNA.878	2.144008e-04	4.959061e-04	4.659690e-04
## SPAC24C9.03	2.182318e-03	2.635514e-03	-5.439236e-03
## SPAC24C9.16c	7.568207e-04	-1.490215e-03	-7.228830e-05
## SPATRNASER.02	2.943315e-03	9.161040e-04	-3.700226e-03
## SPAC24C9.06c	4.828831e-02	-1.991899e-02	4.182570e-02
## SPNCRNA.879	2.871420e-04	7.240150e-04	-3.177766e-04
## SPNCRNA.880	1.006409e-04	1.753312e-03	-1.331960e-03
## SPNCRNA.212	2.359778e-05	4.050965e-06	1.974275e-04

## SPAC24C9.09	-2.684154e-03	-7.801867e-04	-2.649398e-03
## SPAC24C9.13c	7.161494e-04	-9.832458e-04	-2.050860e-03
## SPAC24C9.14	5.417837e-03	7.021020e-03	5.316430e-03
## SPNCRNA.883	2.506928e-04	5.600282e-05	-3.063834e-04
## SPAC24C9.15c	-1.940474e-04	3.207978e-04	1.737497e-04
## SPAC16A10.01	3.090216e-03	5.773026e-04	1.086031e-02
## SPAC16A10.03c	4.799697e-03	-5.673511e-04	-9.907117e-04
## SPNCRNA.214	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.215	4.485809e-06	1.699682e-04	6.522695e-05
## SPAC16A10.04	-7.131881e-04	4.326137e-03	3.031673e-03
## SPAC589.02c	5.488484e-03	-1.271771e-03	-2.703594e-04
## SPNCRNA.886	-1.414619e-03	-1.347968e-03	-1.362750e-03
## SPAC589.04	3.645508e-03	-6.115224e-04	-3.193569e-04
## SPAC589.05c	2.046191e-03	-1.948010e-03	2.786008e-03
## SPAC589.07c	1.059865e-03	-7.787459e-04	-6.283388e-04
## SPNCRNA.560	-2.380100e-04	1.099527e-03	2.053756e-04
## SPAC589.09	1.746024e-03	1.804591e-05	-1.270475e-03
## SPAC589.10c	-1.261319e-02	-1.328418e-02	-7.541060e-03
## SPAC589.12	-5.905938e-03	-5.879261e-03	2.983713e-02
## SPAC688.03c	-7.473370e-04	-2.071605e-03	1.938939e-04
## SPAC688.04c	2.228931e-04	1.325305e-03	-7.946123e-04
## SPNCRNA.887	2.127761e-04	3.726300e-04	1.161388e-03
## SPAC688.10	-2.958686e-04	-1.491797e-03	3.932789e-03
## SPAC688.11	1.416952e-02	7.469457e-03	-1.081237e-02
## SPAC688.12c	5.181121e-03	3.896160e-04	-8.133129e-05
## SPAC3G9.16c	1.307627e-03	2.668412e-03	8.482267e-04
## SPAC3G9.14	9.558782e-03	-3.292495e-03	6.000913e-03
## SPAC3G9.12	-2.471935e-04	-3.765540e-03	4.450869e-04
## SPATRNAALA.03	6.437613e-03	-5.195456e-03	1.689137e-03
## SPAC3G9.10c	6.472587e-05	-8.093956e-03	1.880991e-03
## SPRRNA.14	6.483287e-02	-3.277139e-02	-1.359323e-01
## SPAC3G9.08	-2.326161e-03	1.396227e-03	3.409782e-03
## SPAC3G9.05	4.257163e-03	-1.128808e-03	-3.888181e-03
## SPAC3G9.04	8.941341e-04	3.592649e-04	2.271045e-03
## SPNCRNA.893	2.222265e-02	4.100537e-02	-1.943017e-02
## SPNCRNA.87	-3.709316e-04	-1.940309e-04	7.366553e-04
## SPNCRNA.219	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC3G9.02	-1.039731e-03	-5.808214e-04	-1.943162e-03
## SPAC1486.02c	5.432573e-03	-2.112044e-03	-1.153069e-04
## SPAC1486.03c	-1.137009e-03	7.643306e-04	7.373148e-04
## SPNCRNA.14	4.309236e-05	-4.080335e-05	-1.183961e-04
## SPAC1486.04c	1.703643e-02	-6.694617e-04	9.941477e-03
## SPAC1486.06	-2.104496e-03	-5.123985e-03	1.631954e-03
## SPNCRNA.895	-1.669289e-04	-3.933252e-04	-7.881889e-04
## SPAC1486.09	-4.386790e-04	3.432609e-03	-8.889826e-03
## SPAC6G10.06	-1.892951e-04	-5.149716e-05	5.338629e-04
## SPAC6G10.11c	-2.529443e-02	9.389476e-02	1.123524e-01
## SPAC6G10.12c	1.338336e-03	-7.079054e-03	-3.869284e-03
## SPNCRNA.897	1.047981e-03	-1.034496e-03	-6.022348e-04
## SPAC6G9.01c	-2.607477e-04	-1.486182e-03	-4.758094e-04
## SPAC6G9.04	4.229677e-03	-4.821957e-03	8.319150e-04
## SPAC6G9.05	-2.139702e-04	-1.580757e-03	1.751146e-03
## SPAC6G9.06c	4.840694e-03	-1.293074e-03	-5.937194e-04
## SPNCRNA.898	-5.237630e-04	1.149190e-03	8.331375e-04

## SPAC6G9.07c	3.253515e-03	-3.526098e-03	-9.119180e-03
## SPAC6G9.08	1.204036e-03	-1.202394e-03	-3.336860e-03
## SPAC6G9.10c	1.307898e-02	2.147059e-03	-1.415053e-02
## SPAC6G9.11	5.848303e-03	-7.302954e-04	1.502014e-02
## SPAC6G9.13c	3.562707e-04	-2.741307e-04	-9.315735e-04
## SPAC6G9.14	-3.253262e-05	2.931137e-03	-3.187824e-03
## SPAC6G9.16c	-9.314523e-04	-2.609962e-03	6.193383e-04
## SPAPB1E7.02c	3.084330e-03	-3.655256e-04	4.241531e-04
## SPAPB1E7.05	-3.261038e-03	-1.006790e-02	-1.550089e-02
## SPAPB1E7.08c	4.320407e-03	-7.083637e-04	5.184777e-03
## SPAPB1E7.09	1.225085e-02	-4.499700e-04	3.996005e-04
## SPAPB1E7.11c	-2.094476e-04	3.182166e-03	-8.930429e-04
## SPAPB1E7.12	1.630043e-02	-3.485176e-02	4.707190e-02
## SPAPB1E7.14	-3.862088e-03	-4.534785e-03	-2.182581e-03
## SPAC2E1P5.02c	-4.670013e-04	-2.760283e-03	-3.278584e-03
## SPAC2E1P5.04c	1.982228e-03	-8.127991e-04	2.780228e-03
## SPAC26A3.01	1.158424e-03	-1.408403e-02	-2.556078e-03
## SPAC26A3.03c	-9.739161e-04	-2.068020e-03	-9.323467e-04
## SPAC26A3.04	-5.568799e-03	-9.507188e-03	5.056183e-02
## SPAC26A3.06	3.031410e-04	-2.103211e-03	2.221381e-04
## SPAC26A3.07c	2.900272e-02	2.813712e-02	3.768823e-03
## SPAC26A3.12c	5.204241e-04	7.329855e-03	1.228972e-02
## SPAC26A3.11	-2.291543e-03	-2.465349e-03	-4.872248e-04
## SPAC26A3.14c	2.278761e-03	1.681871e-03	2.289505e-03
## SPAC26A3.16	1.240436e-03	-4.808258e-03	-3.327314e-03
## SPAC26A3.17c	-3.990600e-04	-4.773204e-03	-1.036096e-02
## SPNCRNA.902	1.206399e-03	1.424272e-03	4.558911e-04
## SPAC8E11.10	1.753448e-02	-1.370885e-02	1.387098e-03
## SPAC8E11.07c	3.481342e-03	-5.321994e-04	1.106298e-04
## SPAC8E11.05c	4.064974e-03	2.660688e-03	-7.019581e-03
## SPNCRNA.905	8.680056e-04	-2.633677e-03	-1.918711e-03
## SPAC8E11.01c	8.843484e-04	3.079987e-03	-2.325114e-03
## SPAC959.04c	-2.423502e-03	1.999810e-03	4.267276e-03
## SPAC959.10	-9.951057e-04	7.465484e-04	-2.143914e-03
## SPSNORNA.20	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC959.06c	-6.133634e-04	-1.679264e-03	3.364393e-03
## SPAC959.08	7.917057e-03	2.227786e-02	-3.187533e-02
## SPNCRNA.907	1.054465e-03	-1.184004e-03	1.576744e-03
## SPAC3H5.12c	-6.623042e-02	6.134500e-03	-1.312482e-02
## SPAC3H5.11	-1.554645e-03	1.305944e-04	2.455221e-03
## SPAC3H5.13	-4.550776e-04	7.743175e-04	1.756809e-03
## SPAC3H5.09c	3.034327e-03	-1.323864e-02	2.887399e-03
## SPAC3H5.07	-2.427938e-02	1.145381e-02	2.254571e-02
## SPAC3H5.04	-1.501648e-03	4.174635e-03	-8.626205e-04
## SPAC3H5.05c	1.029407e-02	-5.745620e-03	-6.874773e-03
## SPAC3A11.14c	1.992829e-03	-6.172085e-04	5.707248e-05
## SPNCRNA.561	-7.930961e-04	7.564874e-04	-1.185248e-03
## SPATRNAARG.01	1.143154e-02	-5.182099e-03	1.470554e-02
## SPNCRNA.908	5.146904e-04	-5.286704e-04	2.428613e-04
## SPAC3A11.11c	1.390863e-03	-8.351176e-04	2.037562e-03
## SPAC3A11.08	4.533469e-03	-1.465807e-03	-3.205737e-03
## SPAC3A11.07	1.113779e-02	-4.242231e-03	8.483306e-03
## SPAC3A11.06	-4.001420e-03	-5.118197e-03	2.341217e-03
## SPAC328.01c	-6.243377e-03	2.497973e-03	2.045892e-03

## SPAC328.02	-9.888274e-03	-1.153054e-03	5.989063e-03
## SPNCRNA.911	-2.195014e-04	1.066928e-03	-9.271398e-04
## SPNCRNA.529	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC328.03	-1.033075e-02	-6.012365e-03	-2.290543e-02
## SPAC328.07c	-4.741300e-03	-8.117302e-04	2.480928e-03
## SPAC328.09	1.762367e-03	-2.421228e-03	5.214005e-03
## SPNCRNA.912	-1.077774e-04	-1.630358e-04	-1.230593e-04
## SPNCRNA.913	-3.974961e-04	1.187665e-04	2.875655e-04
## SPAC16E8.01	1.508319e-02	1.410792e-02	-4.920702e-03
## SPAC16E8.04c	-1.443684e-03	-1.441584e-03	-5.450723e-03
## SPNCRNA.914	9.342728e-05	-1.196306e-03	6.242014e-04
## SPNCRNA.562	-1.122552e-04	7.764479e-05	-1.503462e-04
## SPAC16E8.08	2.988883e-03	-1.426510e-03	4.004025e-03
## SPAC16E8.10c	-1.969963e-03	1.428301e-05	-4.181397e-03
## SPAC16E8.11c	-2.743365e-03	-6.006022e-03	-1.833257e-04
## SPAC16E8.18	-2.622524e-03	4.451958e-03	1.379090e-03
## SPAC16E8.12c	-1.243068e-03	6.156176e-03	-4.487775e-03
## SPAC16E8.14c	-1.250619e-03	5.105958e-06	-3.086260e-04
## SPAC16E8.16	-2.997271e-03	-9.632448e-04	1.918115e-03
## SPAC16E8.17c	-2.440133e-03	-5.591015e-03	3.973703e-03
## SPAC1B1.02c	2.970133e-03	-5.501872e-03	1.073952e-03
## SPAC1B1.03c	7.487196e-03	-1.566245e-02	1.977978e-03
## SPAC1B1.04c	5.201241e-03	-3.399198e-04	9.357655e-05
## SPRRNA.15	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.916	-1.734905e-04	-2.916680e-04	-1.168170e-03
## SPAC17A2.03c	-3.018480e-04	-2.341234e-04	-5.756964e-03
## SPNCRNA.917	-5.864025e-06	-3.898669e-06	8.789761e-06
## SPNCRNA.918	5.242880e-04	2.291900e-04	4.739183e-05
## SPAC17A2.12	2.314978e-03	-1.909438e-03	9.580935e-03
## SPAC17A2.13c	9.591721e-03	1.863642e-03	3.282395e-04
## SPNCRNA.919	-7.421680e-05	3.554062e-05	-6.261983e-04
## SPAC17A2.14	8.127597e-04	6.221673e-03	2.051851e-03
## SPNCRNA.600	-3.843486e-04	4.999268e-04	4.083940e-04
## SPAC17G6.07c	-1.007759e-04	-1.621507e-03	-3.069834e-03
## SPAC17G6.09	-1.438149e-04	3.110660e-03	6.959031e-03
## SPNCRNA.227	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC17G6.12	-2.538795e-03	4.271853e-03	-2.958887e-04
## SPNCRNA.922	1.504851e-04	-1.867979e-04	2.219887e-04
## SPAC1142.03c	-4.923177e-04	-4.988602e-03	-2.995513e-03
## SPRRNA.16	2.971031e-03	-8.807449e-04	-7.008489e-03
## SPNCRNA.924	-6.197532e-05	3.902630e-05	-7.833530e-06
## SPAC8C9.03	-1.685217e-02	-4.398017e-03	-2.228210e-03
## SPAC8C9.05	5.178401e-03	-3.283800e-04	-4.313153e-03
## SPAC8C9.06c	5.210667e-03	-3.130027e-03	-3.288230e-03
## SPAC8C9.10c	2.708005e-03	2.463823e-03	8.505930e-05
## SPAC8C9.16c	2.814318e-04	-2.811534e-03	2.223062e-03
## SPAC15A10.01	3.587830e-03	4.388938e-03	-1.560096e-03
## SPAC8C9.17c	-2.933307e-03	1.328921e-03	-3.647102e-04
## SPAC15A10.02	-2.541051e-03	-4.111972e-03	3.231107e-03
## SPAC15A10.03c	1.179595e-03	-3.642040e-03	-4.668197e-03
## SPAC15A10.04c	-2.923166e-03	-1.274928e-03	1.832001e-02
## SPAC15A10.05c	1.504361e-03	1.145651e-03	-3.673179e-03
## SPAC15A10.07	-1.521198e-03	-2.148819e-03	2.501575e-03
## SPAC15A10.10	1.030151e-03	-9.466731e-04	-1.260376e-03

## SPATRNAPHE.01	1.137311e-02	2.090240e-02	1.123138e-02
## SPATRNAVAL.04	8.734419e-03	-1.907088e-03	-9.926132e-03
## SPNCRNA.929	8.932187e-05	2.878094e-04	-4.027361e-04
## SPAC15A10.15	-1.632974e-03	-3.020295e-04	2.509552e-03
## SPAC15A10.16	2.175305e-03	-5.862778e-03	3.273175e-03
## SPAC15E1.02c	2.091703e-03	-9.894351e-03	-4.278572e-04
## SPAC15E1.04	1.016127e-03	5.727197e-03	3.404542e-03
## SPAC15E1.06	-2.913449e-03	-4.713109e-03	-3.919820e-03
## SPAC15E1.07c	9.910962e-05	-3.634402e-04	3.321523e-05
## SPAC15E1.08	-1.767358e-03	1.639449e-03	-4.319753e-04
## SPNCRNA.931	2.984736e-04	-6.296461e-04	-2.534581e-04
## SPNCRNA.524	8.311732e-05	4.324370e-05	6.774429e-04
## SPAP7G5.03	-2.549999e-03	-1.654166e-03	1.163951e-03
## SPAP7G5.04c	-3.980763e-03	2.593475e-02	3.009452e-02
## SPNCRNA.933	-4.939041e-04	1.085571e-03	-4.296014e-04
## SPAP7G5.06	3.445392e-03	2.084955e-03	1.146415e-02
## SPATRNAPHE.02	-1.081752e-02	-5.730936e-03	4.378861e-02
## SPATRNAALA.04	9.278957e-04	1.404025e-03	2.789330e-04
## SPATRNAGLU.03	6.211400e-03	6.070251e-03	-2.085634e-02
## SPATRNAILE.04	-1.737402e-04	-8.532309e-04	5.987978e-04
## SPNCRNA.333	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.396	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.95	-6.162470e-05	2.003552e-04	-1.065428e-04
## SPAP4C9.02	-2.634723e-03	3.217872e-03	-2.607458e-03
## SPNCRNA.936	3.734287e-06	4.618072e-04	-3.332186e-04
## SPAC1556.02c	9.973448e-03	4.903766e-03	2.979227e-03
## SPAC1556.06	1.501585e-03	-1.638758e-03	-5.449684e-04
## SPAC1556.07	-2.478418e-02	4.404022e-03	5.472391e-03
## SPAC1556.08c	2.866371e-03	-4.113291e-03	-8.533351e-03
## SPAC1F12.06c	-4.064554e-04	8.133955e-04	4.637429e-03
## SPAC1F12.08	1.043867e-03	-4.865612e-03	-7.471235e-04
## SPAC1F12.09	1.460035e-03	-2.766875e-03	-1.149884e-03
## SPAC1F12.10c	-1.308209e-02	1.185965e-03	-5.472964e-03
## SPAC4H3.17	1.156572e-04	-6.125899e-05	3.914953e-04
## SPAC4H3.02c	-1.883235e-03	7.105792e-04	-8.738920e-04
## SPNCRNA.938	3.375695e-04	-2.144782e-04	-1.138961e-04
## SPRRNA.17	4.715771e-03	-2.793393e-03	-6.054280e-03
## SPAC4H3.04c	1.114720e-04	-1.273160e-03	-1.122507e-03
## SPAC4H3.05	3.284676e-03	4.172463e-03	-4.663919e-03
## SPAC4H3.16	-7.689417e-03	2.156831e-03	1.487953e-03
## SPNCRNA.939	-3.538454e-04	-1.238141e-04	1.483181e-03
## SPAC4H3.07c	-4.900841e-03	-4.782617e-03	-4.292943e-03
## SPNCRNA.940	7.554820e-05	-1.916035e-04	-4.735068e-04
## SPAC4H3.08	1.725851e-03	3.906143e-03	-3.884633e-03
## SPAC4H3.10c	1.227749e-02	-1.849935e-02	1.053405e-03
## SPAC4H3.11c	-3.150668e-03	-5.931489e-03	-1.990867e-03
## SPAC4H3.13	-2.667234e-03	-6.290226e-04	7.058936e-04
## SPAC4H3.14c	-1.699759e-04	5.089651e-04	-6.040593e-04
## SPAC1071.04c	-1.001101e-03	-1.670727e-03	2.064509e-03
## SPAC1071.07c	-1.575304e-02	-1.896415e-02	1.880319e-02
## SPAC1071.09c	1.635960e-03	-2.441665e-03	7.867222e-04
## SPNCRNA.92	-1.841243e-05	-1.319699e-05	-5.565195e-06
## SPNCRNA.944	-9.754327e-04	5.670450e-05	1.075555e-03
## SPAC1071.11	-1.082495e-03	-1.441944e-03	2.709756e-03

## SPNCRNA.947	4.450482e-04	-8.217219e-04	-2.004331e-03
## SPAC926.06c	-1.112747e-03	-1.274072e-02	-4.293305e-03
## SPAC926.07c	1.309942e-03	2.721709e-03	6.928901e-04
## SPAC926.08c	-9.359937e-03	-6.415570e-03	5.507790e-03
## SPAC323.02c	-8.771940e-03	1.029116e-02	-8.126541e-03
## SPAC323.03c	2.581448e-04	-1.031998e-03	2.753167e-04
## SPAC323.04	-3.282150e-03	-4.691355e-03	1.539612e-03
## SPAC323.05c	-4.297055e-04	-5.322146e-03	6.603543e-04
## SPAC323.08	2.506328e-03	-2.072126e-03	-4.434397e-04
## SPAC2F3.01	3.452475e-03	-1.988168e-03	5.002349e-03
## SPAC2F3.17c	-5.235117e-03	5.918161e-04	5.972383e-03
## SPAC2F3.07c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.09	8.480690e-03	-8.309542e-03	4.116251e-03
## SPAC2F3.10	2.225862e-03	6.496304e-03	5.971888e-03
## SPAC2F3.13c	-1.264954e-03	6.021901e-03	-4.010080e-03
## SPAC2F3.12c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.14c	-1.458301e-05	-4.189121e-04	-1.866545e-03
## SPNCRNA.951	0.000000e+00	0.000000e+00	0.000000e+00
## SPNCRNA.239	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC2F3.15	1.812880e-03	-1.248047e-04	1.601826e-03
## SPAC2F3.16	-1.739009e-04	-3.786088e-04	3.057178e-03
## SPAC11G7.05c	-1.357620e-03	-2.006534e-03	3.116925e-03
## SPAC11G7.06c	-1.766916e-03	-1.834812e-03	2.526224e-03
## SPNCRNA.952	1.235989e-03	9.583429e-04	-3.598619e-05
## SPAPB18E9.02c	7.736291e-03	-1.372691e-02	8.601638e-03
## SPNCRNA.953	9.628076e-04	5.760620e-04	2.060974e-04
## SPAPB18E9.04c	-9.289327e-04	-3.583989e-03	-7.926432e-04
## SPNCRNA.954	2.896712e-03	-2.163852e-03	-1.172053e-03
## SPAPB15E9.06	1.014031e-03	-7.053188e-04	6.196543e-04
## SPAPB15E9.03c	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.01	-6.914178e-04	2.126309e-03	2.556330e-03
## SPNCRNA.955	-4.375268e-04	1.306682e-04	-2.547713e-04
## SPAC27E2.03c	-1.260834e-03	-6.698087e-03	2.060607e-03
## SPAC27E2.11c	-1.147102e-04	-1.042107e-04	-3.045941e-04
## SPAC27E2.13	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC27E2.04c	-8.348012e-05	8.195391e-04	-1.553073e-04
## SPAC27E2.12	3.579405e-05	-3.537733e-04	1.608646e-05
## SPAC27E2.06c	-3.057226e-03	-6.268474e-04	6.866101e-03
## SPAC27E2.07	2.004550e-03	1.329959e-04	-5.795233e-03
## SPAC27E2.08	-8.510905e-05	-3.413758e-04	-3.169069e-04
## SPAPJ698.02c	1.521933e-02	2.680963e-03	2.800252e-02
## SPAC19G12.01c	6.249763e-04	1.239210e-04	1.076635e-03
## SPAC19G12.03	-3.984295e-03	-1.770037e-03	1.024685e-04
## SPNCRNA.956	-3.165349e-04	4.961547e-04	-2.518223e-06
## SPAC19G12.05	-3.108692e-03	1.301479e-02	-3.279377e-03
## SPAC19G12.10c	3.244454e-02	-2.968950e-02	9.024988e-03
## SPAC19G12.17	-2.256969e-04	-9.734394e-04	-9.988277e-04
## SPAC19G12.11	-9.261513e-03	2.553158e-04	3.128596e-03
## SPAC19G12.12	-6.309190e-03	1.242083e-03	2.954227e-03
## SPAC19G12.15c	1.006480e-02	-2.786415e-02	4.289658e-04
## SPAC19G12.16c	2.684656e-03	-2.877229e-02	-5.878579e-03
## SPAC23A1.02c	1.479113e-03	-2.179808e-03	4.222320e-03
## SPAC23A1.03	-7.868641e-03	1.030906e-03	2.131586e-02
## SPAC23A1.04c	4.172932e-04	1.397017e-03	-5.005590e-03

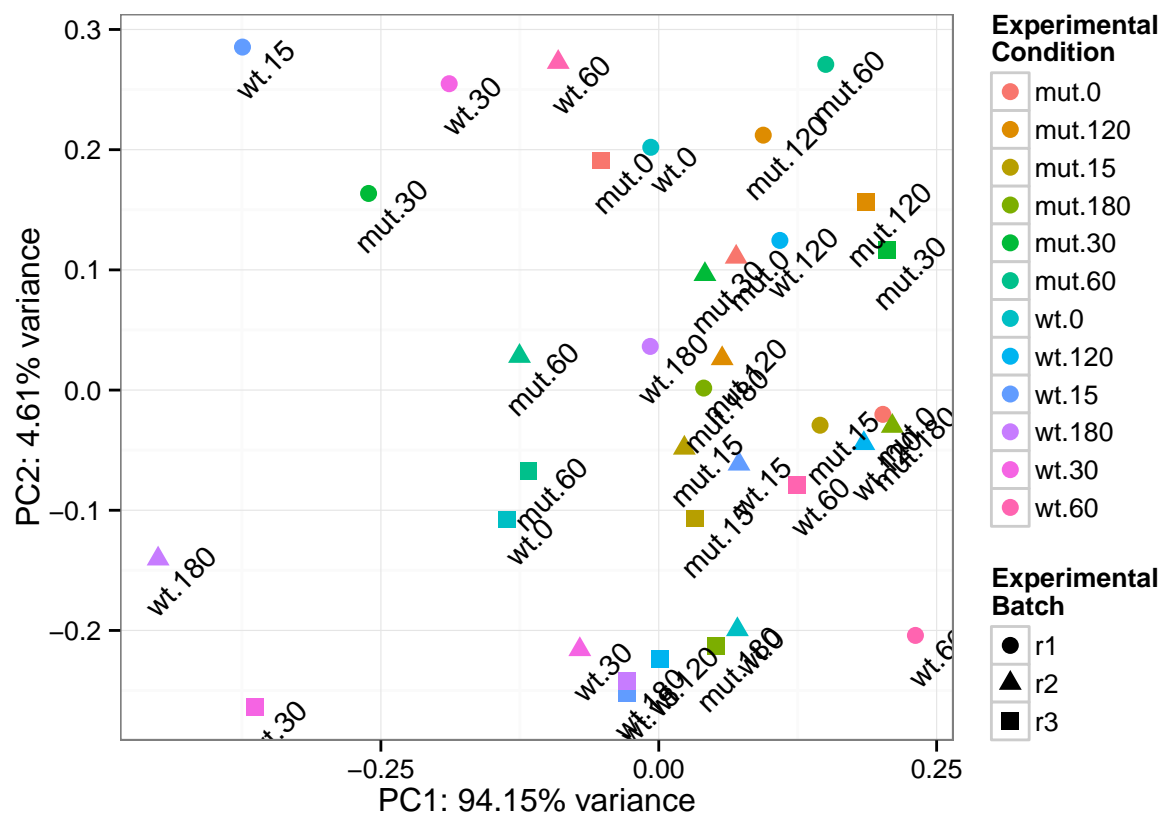
## SPAC23A1.05	-2.515770e-03	1.020331e-03	1.105716e-02
## SPAC23A1.06c	-1.353347e-03	3.884437e-03	-5.456636e-03
## SPAC23A1.09	3.582793e-03	3.571671e-03	2.660128e-03
## SPNCRNA.957	-3.119266e-04	-2.127600e-04	-3.268023e-04
## SPAC23A1.11	-1.679635e-02	-4.018011e-03	2.533421e-02
## SPAC23A1.12c	1.327106e-02	-7.077453e-03	-1.162183e-02
## SPNCRNA.958	-1.462384e-03	6.885376e-05	9.902170e-05
## SPAC23A1.20	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC23A1.14c	1.161959e-03	4.141247e-04	1.704908e-03
## SPAC23A1.17	-1.992257e-04	-1.459310e-03	5.126774e-04
## SPAC23A1.18c	-2.927624e-03	4.885647e-03	5.399577e-03
## SPAC23A1.19c	1.865267e-03	-7.834942e-03	-7.471799e-03
## SPAC26H5.02c	3.743004e-03	1.214622e-03	6.551533e-03
## SPAC26H5.03	1.499174e-03	7.924852e-04	-2.681632e-03
## SPNCRNA.959	-4.990229e-04	1.866613e-04	-5.766215e-04
## SPNCRNA.960	-6.771961e-04	3.883024e-06	-5.830910e-04
## SPAC26H5.05	7.652856e-03	-8.955748e-03	-8.614345e-04
## SPAC26H5.06	4.353628e-03	5.252117e-03	3.153964e-03
## SPNCRNA.963	3.460855e-04	-3.305779e-04	-8.355431e-04
## SPAC26H5.11	1.774842e-03	-5.853769e-03	-2.551301e-03
## SPAC26H5.12	5.925175e-03	4.108534e-04	3.788116e-03
## SPAC26H5.13c	-2.243316e-03	-8.328802e-04	2.330170e-03
## SPAC25B8.01	-3.128489e-03	-1.915868e-03	2.601418e-03
## SPAC25B8.06c	4.180469e-03	2.535933e-04	4.148204e-03
## SPAC25B8.08	-7.732384e-04	5.532603e-03	-1.327398e-03
## SPNCRNA.966	-1.751882e-04	1.876397e-04	-8.284363e-05
## SPAC25B8.09	9.937678e-04	3.295116e-03	7.311968e-04
## SPAC25B8.12c	1.645426e-02	1.744972e-02	-4.957819e-03
## SPAC25B8.17	4.570269e-03	-4.311097e-03	7.178995e-03
## SPAC25B8.18	4.672319e-04	2.354733e-03	1.664340e-03
## SPAC25B8.19c	-4.096763e-03	1.366107e-03	-1.928625e-03
## SPAC683.03	9.597970e-05	-6.820364e-05	-1.071988e-04
## SPNCRNA.969	-1.274756e-03	-5.679006e-04	-5.042911e-04
## SPAC683.02c	3.642351e-03	-7.906950e-03	-2.216008e-04
## SPAC694.02	-1.512428e-02	2.885697e-05	2.125948e-02
## SPAC694.05c	6.819572e-02	-7.851754e-02	-5.613548e-02
## SPAC694.06c	6.412093e-03	1.370101e-03	-7.496969e-03
## SPAC1F7.01c	1.224018e-02	-2.486436e-02	1.117157e-02
## SPAC1F7.14c	2.154929e-03	1.844663e-04	3.050834e-03
## SPAC1F7.04	9.908975e-03	-2.112558e-03	-3.083454e-03
## SPAC1F7.05	7.963196e-03	-1.508147e-02	-5.264825e-02
## SPNCRNA.973	1.632696e-03	1.779967e-03	-5.215049e-04
## SPNCRNA.243	1.045716e-04	2.200022e-05	3.643042e-04
## SPAC1F7.08	-7.453821e-02	-1.162734e-02	-2.542334e-02
## SPAC1F7.09c	-5.178289e-04	-3.508816e-04	1.752553e-03
## SPAC1F7.13c	-5.827099e-03	-1.581666e-02	5.870102e-02
## SPAC21E11.04	1.471829e-03	8.301342e-04	-1.979447e-03
## SPAC21E11.06	1.509838e-02	4.188361e-03	-6.326540e-03
## SPNCRNA.13	2.106045e-04	3.668926e-05	-2.066599e-04
## SPAC21E11.07	-4.548872e-03	4.119069e-04	-5.226075e-03
## SPAC2C4.03c	6.470706e-04	-6.516282e-04	5.144971e-03
## SPAC2C4.04c	8.469296e-04	5.533070e-04	-8.302208e-04
## SPNCRNA.98	-1.046627e-02	-1.539138e-03	-6.436666e-03
## SPAC2C4.07c	-1.106564e-03	6.200896e-04	2.837281e-03

## SPAC2C4.09	-1.053064e-03	5.161448e-04	-2.133185e-03
## SPAC2C4.10c	-1.172949e-03	-2.243580e-03	1.745287e-03
## SPAC2C4.13	-7.256101e-04	-7.523844e-03	-5.235710e-03
## SPAC2C4.17c	8.025906e-04	-8.951383e-03	8.992497e-03
## SPAC25G10.02	-3.192161e-04	-1.530886e-03	-3.524314e-04
## SPAC25G10.03	-1.688869e-02	7.395228e-03	-4.835840e-03
## SPAC25G10.04c	-5.490397e-04	1.312805e-03	1.357634e-03
## SPAC25G10.08	2.228355e-02	-1.145740e-03	-1.563702e-02
## SPAC27F1.05c	1.260351e-03	-4.813777e-04	2.916118e-03
## SPNCRNA.977	3.486621e-04	1.018345e-04	2.188196e-03
## SPAC27F1.10	-1.905824e-04	8.492154e-04	4.463713e-04
## SPNCRNA.978	1.978190e-04	9.278443e-05	1.859438e-04
## SPAC27F1.06c	5.287950e-03	-2.418770e-03	4.596881e-03
## SPAC23D3.04c	4.961553e-03	1.007086e-02	1.135871e-02
## SPAC23D3.05c	-4.993505e-04	-2.072602e-03	4.982365e-03
## SPAC23D3.06c	3.225882e-03	3.762864e-03	-2.355669e-02
## SPAC23D3.07	5.279588e-04	-8.765846e-03	-4.243566e-03
## SPAC23D3.09	1.592768e-03	-7.486657e-03	-2.315489e-03
## SPAC23D3.10c	6.756990e-03	-2.831974e-03	4.821357e-05
## SPNCRNA.244	-3.207167e-04	3.540477e-05	9.062648e-05
## SPAC23D3.12	1.071265e-02	-1.782130e-02	1.610366e-02
## SPAC23D3.16	-1.908378e-03	8.692084e-04	-3.597416e-03
## SPAC23D3.13c	-5.660114e-03	7.702156e-03	-2.121885e-02
## SPAC23D3.14c	2.489921e-03	2.752015e-03	6.796730e-04
## SPNCRNA.982	1.261972e-03	-1.310142e-03	1.398238e-03
## SPAC1527.01	-1.628268e-04	-3.188106e-03	-6.680313e-03
## SPAC1527.02	2.217865e-03	1.291295e-03	3.170216e-04
## SPAC1527.03	-5.108011e-03	-8.679321e-04	-2.938894e-03
## SPAC30.03c	-4.761003e-03	-8.893969e-04	-4.236765e-03
## SPNCRNA.983	4.813307e-05	-1.322441e-04	3.547575e-04
## SPNCRNA.984	3.970359e-04	-3.202148e-04	-1.010552e-05
## SPNCRNA.246	4.691280e-05	-4.680289e-05	1.143719e-05
## SPNCRNA.985	0.000000e+00	0.000000e+00	0.000000e+00
## SPAC29E6.02	2.653424e-03	1.538897e-05	-2.536050e-03
## SPAC29E6.06c	1.487905e-03	-1.125981e-02	-7.765940e-04
## SPAC29E6.09	2.457918e-03	2.938273e-03	1.280774e-03
## SPAC29E6.10c	3.287088e-03	1.619313e-03	3.639162e-04
## SPAC16.02c	-4.182071e-03	2.900921e-02	-7.577880e-03
## SPNCRNA.247	7.139213e-05	1.163653e-04	1.422852e-05
## SPAC16.04	3.284275e-03	9.929448e-03	4.840468e-03
## SPNCRNA.99	7.127249e-04	-1.310978e-04	-1.142951e-03
## SPAC9E9.02	-6.875058e-04	-2.181900e-03	-5.893975e-04
## SPNCRNA.988	-8.392354e-05	-1.067144e-03	8.649772e-05
## SPAC9E9.05	-2.167326e-03	-7.182640e-07	7.206054e-04
## SPAC9E9.06c	1.925721e-03	-8.450120e-03	-6.258834e-03
## SPAC9E9.07c	4.822864e-03	2.476545e-03	2.436347e-03
## SPAC9E9.08	4.726008e-03	-5.928185e-03	-1.552505e-03
## SPNCRNA.990	-7.781183e-04	-7.692058e-04	-1.663723e-03
## SPAC9E9.10c	-3.975754e-03	-1.799497e-04	8.269122e-03
## SPAC9E9.11	-1.671666e-02	-1.460766e-02	1.428390e-02
## SPAC9E9.12c	2.911961e-03	8.180316e-04	2.519635e-03
## SPAC9E9.13	-2.367382e-02	-9.883033e-04	1.252477e-02
## SPAC9E9.14	-2.184806e-03	3.228997e-03	-6.713418e-03
## SPAC17C9.16c	7.409116e-03	-7.172407e-03	1.091540e-02

```

## SPAC17C9.15c    -8.178714e-04  1.026703e-03  1.703008e-03
## SPAC17C9.13c    2.995258e-03  8.313124e-03  6.053778e-03
## SPAC17C9.12     -3.420362e-04 -4.179242e-03 -7.943816e-04
## SPAC17C9.11c    -4.258481e-03 -1.594044e-03  7.479310e-03
## SPAC17C9.09c    1.919561e-04 -8.182555e-03  4.931143e-03
## SPAC17C9.08     1.620850e-04  1.908088e-03  1.111868e-03
## SPAC17C9.06     -6.308718e-03  7.306485e-03 -4.558283e-04
## SPAC17C9.03     8.985082e-03  8.294378e-03 -5.842895e-02
## SPAC17C9.02c    -1.817220e-03  1.705369e-03  3.994995e-03
## SPAC1851.02     7.344004e-03 -4.639687e-03  1.268868e-03
## SPAC1851.03     3.730134e-03  2.968576e-03  3.816687e-03
## SPNCRNA.992     3.993174e-04 -2.410624e-03  1.316699e-03
## SPAC27D7.03c    6.564237e-04  8.630714e-04  2.086464e-03
## SPAC27D7.04     1.177379e-03  1.120760e-03 -3.444555e-03
## SPAC27D7.05c    -5.629910e-04 -2.547570e-03 -2.878388e-03
## SPAC27D7.07c    -6.945829e-03  2.666435e-03 -2.122975e-03
## SPAC27D7.08c    2.205277e-04  1.114668e-03  2.243391e-03
## SPAC27D7.09c    1.537230e-03 -2.368769e-02 -7.622792e-03
## SPAC27D7.11c    1.050959e-02  9.044859e-03  7.332450e-03
## [ reached getOption("max.print") -- omitted 4182 rows ]
##
## $pca$d
## [1] 6008536.547 1329859.076 550762.971 214403.669 203382.431
## [6] 176303.977 130149.351 82490.725 79797.975 67703.507
## [11] 58260.110 46304.555 45738.654 40013.277 39108.743
## [16] 35561.171 33451.785 28619.093 28246.212 24475.162
## [21] 22843.527 20689.596 18335.220 16514.897 15334.710
## [26] 14537.327 13109.935 12107.825 11412.664 10515.583
## [31] 10290.155 9090.922 8709.297 7786.531 6331.726
##
##
## $plot

```



```
##
## $table
##
```

	SampleID	condition	batch	batch_int	PC1	PC2
##	GSM1368273	wt.0-r1	wt.0	r1	1 -0.007178318	0.201995449
##	GSM1368274	wt.0-r2	wt.0	r2	2 0.070735209	-0.199237946
##	GSM1368275	wt.0-r3	wt.0	r3	3 -0.136645507	-0.107750705
##	GSM1368276	wt.15-r1	wt.15	r1	1 -0.374502211	0.285371499
##	GSM1368277	wt.15-r2	wt.15	r2	2 0.072181094	-0.061485806
##	GSM1368278	wt.15-r3	wt.15	r3	3 -0.028458656	-0.251907593
##	GSM1368279	wt.30-r1	wt.30	r1	1 -0.188542251	0.254884121
##	GSM1368280	wt.30-r2	wt.30	r2	2 -0.071016520	-0.215832142
##	GSM1368281	wt.30-r3	wt.30	r3	3 -0.363641837	-0.263890058
##	GSM1368282	wt.60-r1	wt.60	r1	1 0.230916954	-0.204118295
##	GSM1368283	wt.60-r2	wt.60	r2	2 -0.090460759	0.272733156
##	GSM1368284	wt.60-r3	wt.60	r3	3 0.124813473	-0.078743284
##	GSM1368285	wt.120-r1	wt.120	r1	1 0.108968258	0.124504851
##	GSM1368286	wt.120-r2	wt.120	r2	2 0.184520582	-0.044387846
##	GSM1368287	wt.120-r3	wt.120	r3	3 0.001512549	-0.223718719
##	GSM1368288	wt.180-r1	wt.180	r1	1 -0.007662272	0.036322067
##	GSM1368289	wt.180-r2	wt.180	r2	2 -0.450412255	-0.140420366
##	GSM1368290	wt.180-r3	wt.180	r3	3 -0.028577810	-0.242300360
##	GSM1368291	mut.0-r1	mut.0	r1	1 0.201616006	-0.020221570
##	GSM1368292	mut.0-r2	mut.0	r2	2 0.069647319	0.110678369
##	GSM1368293	mut.0-r3	mut.0	r3	3 -0.052329747	0.190884163
##	GSM1368294	mut.15-r1	mut.15	r1	1 0.145105662	-0.029245559
##	GSM1368295	mut.15-r2	mut.15	r2	2 0.023031791	-0.048204147
##	GSM1368296	mut.15-r3	mut.15	r3	3 0.032711623	-0.106685660
##	GSM1368297	mut.30-r1	mut.30	r1	1 -0.261061660	0.163575077

```

## GSM1368298 mut.30-r2 mut.30 r2 2 0.041535667 0.096249804
## GSM1368299 mut.30-r3 mut.30 r3 3 0.205380854 0.116145287
## GSM1368300 mut.60-r1 mut.60 r1 1 0.150253285 0.270955306
## GSM1368301 mut.60-r2 mut.60 r2 2 -0.125269685 0.028154634
## GSM1368302 mut.60-r3 mut.60 r3 3 -0.117305851 -0.067463992
## GSM1368303 mut.120-r1 mut.120 r1 1 0.094000969 0.212085426
## GSM1368304 mut.120-r2 mut.120 r2 2 0.057032686 0.026224395
## GSM1368305 mut.120-r3 mut.120 r3 3 0.186798636 0.156544584
## GSM1368306 mut.180-r1 mut.180 r1 1 0.040435597 0.001669285
## GSM1368307 mut.180-r2 mut.180 r2 2 0.210088691 -0.030042020
## GSM1368308 mut.180-r3 mut.180 r3 3 0.051778433 -0.213321407
##
## $res
## propVar cumPropVar cond.R2 batch.R2
## 1 94.15 94.15 40.00 0.27
## 2 4.61 98.76 24.18 24.33
## 3 0.79 99.55 38.31 24.01
## 4 0.12 99.67 75.27 0.41
## 5 0.11 99.78 46.27 20.02
## 6 0.08 99.86 55.25 7.19
## 7 0.04 99.90 73.51 2.88
## 8 0.02 99.92 54.04 6.84
## 9 0.02 99.94 41.01 10.77
## 10 0.01 99.95 33.46 16.52
## 11 0.01 99.96 47.75 0.40
## 12 0.01 99.97 23.32 7.36
## 13 0.01 99.98 21.12 0.35
## 14 0.00 99.98 30.52 5.79
## 15 0.00 99.98 30.28 8.13
## 16 0.00 99.98 35.29 4.47
## 17 0.00 99.98 32.24 0.12
## 18 0.00 99.98 26.09 3.14
## 19 0.00 99.98 37.04 0.57
## 20 0.00 99.98 22.45 1.22
## 21 0.00 99.98 29.46 4.34
## 22 0.00 99.98 8.32 10.27
## 23 0.00 99.98 18.54 3.92
## 24 0.00 99.98 9.32 10.02
## 25 0.00 99.98 29.46 3.38
## 26 0.00 99.98 31.59 7.83
## 27 0.00 99.98 28.83 4.02
## 28 0.00 99.98 17.86 5.78
## 29 0.00 99.98 26.77 0.07
## 30 0.00 99.98 16.84 2.08
## 31 0.00 99.98 11.79 0.76
## 32 0.00 99.98 5.24 1.38
## 33 0.00 99.98 40.93 0.49
## 34 0.00 99.98 19.86 0.46
## 35 0.00 99.98 17.79 0.41
##
## $variance
## [1] 94.15 4.61 0.79 0.12 0.11 0.08 0.04 0.02 0.02 0.01 0.01
## [12] 0.01 0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
## [23] 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

```

```
## [34] 0.00 0.00
```

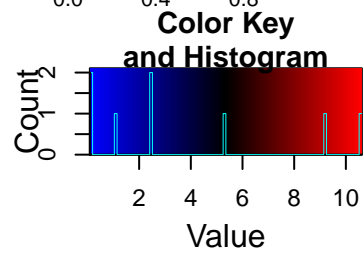
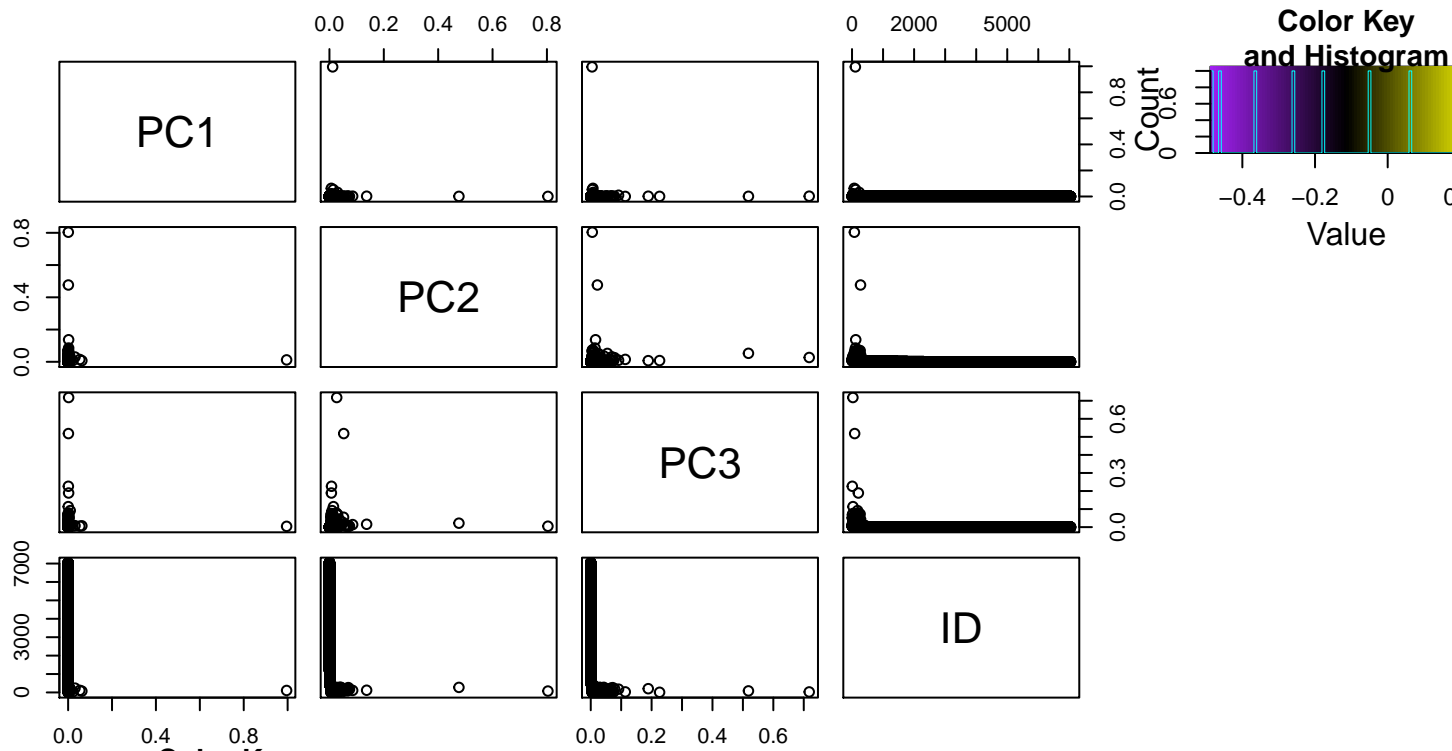
```
## ok, that caused the 0, 60, 15, and 30 minute samples to cluster nicely  
## the 120 and 180 minute samples are still a bit tight
```

```
## pca_information provides some more information about the call to
```

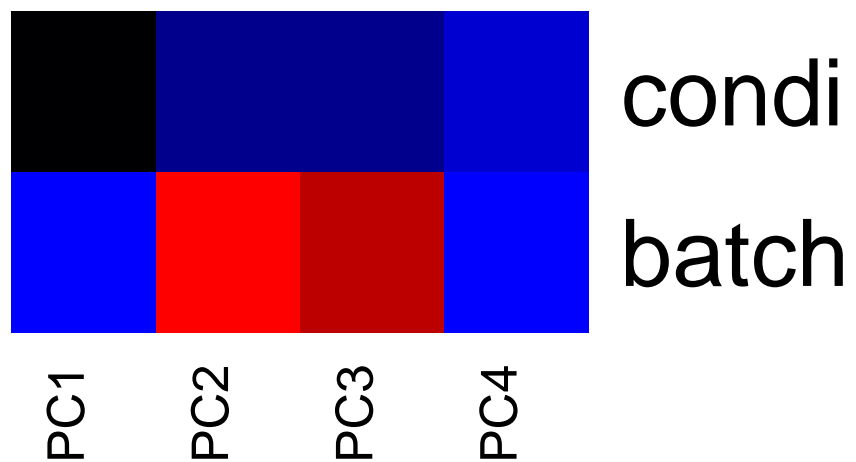
```
## fast.svd that went into making the pca plot
```

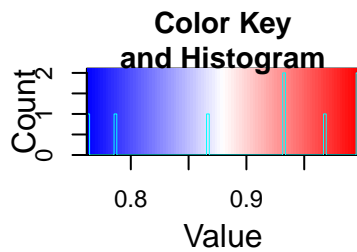
```
fis_info = pca_information(df=exprs(norm_expt$expressionset), design=norm_expt$design, factors=c("condi
```

```
## The more shallow the curves in these plots, the more genes responsible for this principle component.
```

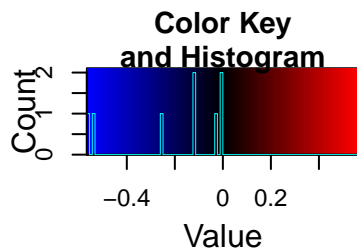
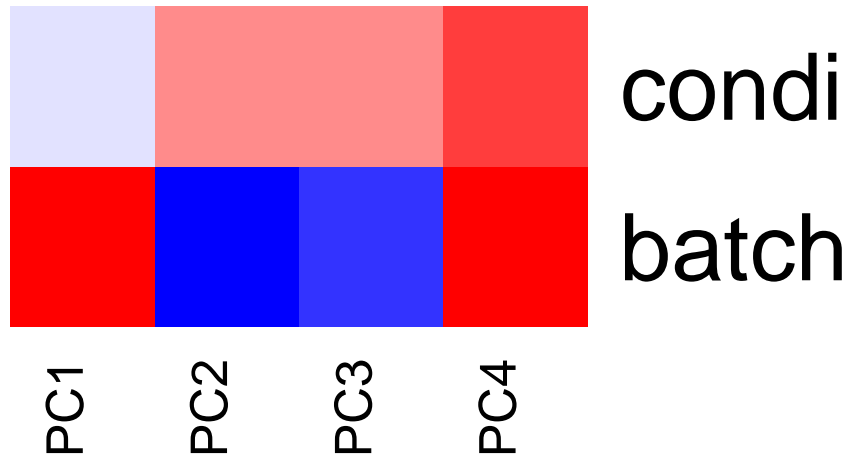


nova fstats for (factor, PC)

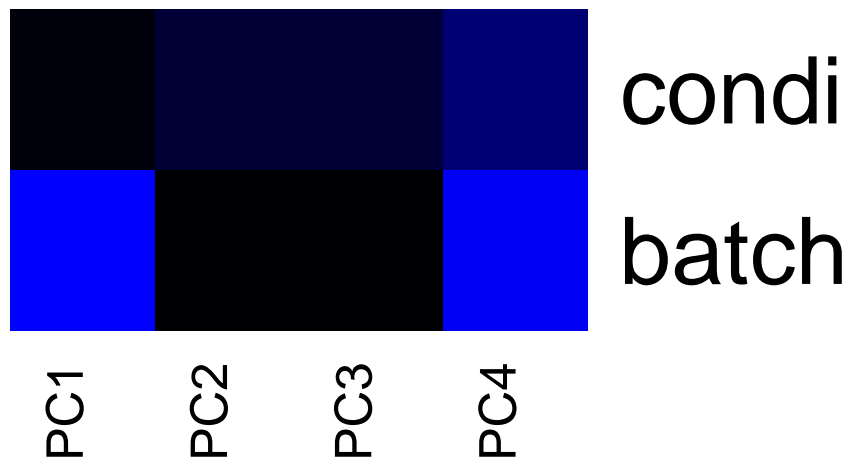




anova fstats for (factor, PC)



$-\log(\text{anova_p values})$



```
## The r^2 table shows that quite a lot of the variance in the data is explained by condition
head(fis_info$rsquared_table)
```

```
##   prop_var cumulative_prop_var condition  batch
## 1   94.150           94.150    39.996  0.275
## 2    4.612           98.762    24.183 24.328
```

```
## 3    0.791          99.553    38.311 24.013
## 4    0.120          99.673    75.266  0.406
## 5    0.108          99.781    46.275 20.024
## 6    0.081          99.862    55.246  7.187
```

```
## We can look at the correlation between the principle components and the factors in the experiment
## in this case looking at condition/batch vs the first 4 components.
fis_info$pca_cor
```

```
##           PC1          PC2          PC3          PC4
## condition -0.36622773 -0.2594165  0.2607761 -0.17875372
## batch      -0.05231985 -0.4878537 -0.4607969  0.06266195
```

```
## And p-values to lend some credence(or not to those assertions)
fis_info$anova_p
```

```
##           PC1          PC2          PC3          PC4
## condition 0.02803674 0.126547623 0.124500425 0.2969011
## batch      0.76185333 0.002542527 0.004680137 0.7165600
```