

# Uq4covid

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```
#连接python
library(reticulate)
```

```
## Warning: 程辑包‘reticulate’是用R版本4.1.3 来建造的
```

```
use_python("D:/anaconda/python.exe")
```

```
## Warning: The request to `use_python("D:/anaconda/python.exe")` will be
## ignored because the environment variable RETICULATE_PYTHON is set to
## "C:/Users/CHeung/AppData/Local/r-miniconda/envs/r-reticulate/python.exe"
```

```
#连接python包高斯过程
mogp_emulator <- import("mogp_emulator")
mogp_priors <- import("mogp_emulator.Priors")
```

## #DATAINCOME

```
library(GGally)
```

```
## Warning: 程辑包‘GGally’是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包：ggplot2
```

```
## Warning: 程辑包‘ggplot2’是用R版本4.1.3 来建造的
```

```
## Registered S3 method overwritten by ‘GGally’:
##   method from
##   +.gg      ggplot2
```

```
library(leaps)
```

```
## Warning: 程辑包‘leaps’是用R版本4.1.3 来建造的
```

```
library(ggplot2)
library(mnormt)
```

```
## Warning: 程辑包‘mnormt’是用R版本4.1.3 来建造的
```

```
library(mgcv)
```

```
## 载入需要的程辑包：nlme
```

```
## This is mgcv 1.8-38. For overview type 'help("mgcv-package")'.
```

```
library(car)
```

```
## Warning: 程辑包‘car’是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包：carData
```

```
covid_inputs <- read.csv("inputs.csv")
colnames(covid_inputs)
```

```
## [1] "R0"          "TE"          "TP"          "TI1"
## [5] "TI2"          "nuA"         "ns"          "p_home_weekend"
## [9] "alphaTH"      "etaTH"       "alphaEP"     "alphaIID"
## [13] "alphaHD"      "alphaI1H"    "eta"         "repeats"
## [17] "output"
```

```
dim(covid_inputs)
```

```
## [1] 250 17
```

```
covid_inputs[1,]
```

```
##          R0          TE          TP          TI1          TI2          nuA          ns
## 1 3.619941 0.8965843 2.012114 4.256211 0.08660611 0.9108957 43.22405
##   p_home_weekend  alphaTH      etaTH  alphaEP  alphaIID  alphaHD  alphaI1H
## 1      0.03887666 0.7898453 0.02628018 -2.787419 -19.90561 -2.413713 -1.978009
##           eta repeats  output
## 1 0.01982861      10 Ens0000
```

```
#训练集, 测试集划分
```

```
cn<-nrow(covid_inputs)
train_size <- round(0.7 * cn) # 计算训练集的大小, 取整数部分

set.seed(123) # 设置随机种子, 以确保结果可重复
train_indices <- sample(1:cn, train_size) # 随机选择训练集的索引

train_data <- covid_inputs[train_indices, ] # 根据索引获取训练集
test_data <- covid_inputs[-train_indices, ]

covid_outputs <- readRDS("outputs.rds")
dim(covid_outputs)
```

```
## [1] 1661100      10
```

```
head(covid_outputs)
```

```
##   output replicate  LAD19CD cumH cumHD cumCD deaths  LAD19NM  region week
## 1 Ens0000          1 E06000001   94   11    0    11 Hartlepool E12000001  12
## 2 Ens0001          1 E06000001    3    0    0     0 Hartlepool E12000001  12
## 3 Ens0002          1 E06000001 2689  197    0   197 Hartlepool E12000001  12
## 4 Ens0003          1 E06000001    3    0    0     0 Hartlepool E12000001  12
## 5 Ens0004          1 E06000001    2    0    0     0 Hartlepool E12000001  12
## 6 Ens0005          1 E06000001   25    0   18   18 Hartlepool E12000001  12
```

```
temp <- subset(covid_outputs,
               replicate==1 & week==12)

#temp
totals <- aggregate(deaths ~ output, data = temp, FUN = mean)
head(covid_inputs)
```

##	RO	TE	TP	TI1	TI2	nuA	ns
## 1	3.619941	0.8965843	2.012114	4.256211	0.08660611	0.91089575	43.22405
## 2	2.256901	1.0013586	3.347003	4.017073	0.04740412	0.13505592	22.10835
## 3	4.471906	0.6865335	1.275293	3.874407	0.24169037	0.48421457	87.49681
## 4	2.019623	0.6312030	2.618517	3.931700	0.47189408	0.16370945	65.94947
## 5	2.646251	1.6588382	1.969208	4.347072	0.20909564	0.08319641	51.00591
## 6	3.101044	0.8381587	2.672335	4.389348	0.15560899	0.59827141	95.57767
##	p_home_weekend	alphaTH	etaTH	alphaEP	alphaIID	alphaHD	
## 1	0.03887666	0.78984529	0.02628018	-2.787419	-19.905608	-2.413713	
## 2	0.63507964	0.53479303	0.03323681	-3.151488	-19.552211	-3.524098	
## 3	0.60069967	-0.15481506	0.03527432	-3.562881	-14.480243	-3.369296	
## 4	0.25178270	-0.20698362	0.06010414	-2.187134	-7.785062	-3.358996	
## 5	0.74930253	-0.19460614	0.04411861	-3.918644	-11.809591	-3.423265	
## 6	0.90414838	0.08084175	0.04001031	-2.264114	-2.034088	-11.777196	
##	alphaIID	eta repeats	output				
## 1	-1.978009	0.01982861	10	Ens0000			
## 2	-2.000956	0.02323521	10	Ens0001			
## 3	-2.756672	0.03074084	10	Ens0002			
## 4	-3.042935	0.02285039	10	Ens0003			
## 5	-2.771894	0.03167488	10	Ens0004			
## 6	-1.601891	0.01254105	10	Ens0005			

```
#
deaths<-round(totals[,2])
totalout<-data.frame(totals,deaths)
#drop(totalout['deaths'])
totalout<-subset(totalout,select = -deaths)
colnames(totalout)[2]='deaths'

library(xlsx)
inputhead<-head(covid_inputs)
#outputhead<-head(covid_outputs)
#write.xlsx(outputhead, file = "name.xlsx", sheetName = "Sheet1")

totalout
```

##	output	deaths
## 1	Ens0000	68
## 2	Ens0001	1
## 3	Ens0002	737
## 4	Ens0003	2
## 5	Ens0004	4
## 6	Ens0005	289
## 7	Ens0006	104
## 8	Ens0007	10
## 9	Ens0008	11
## 10	Ens0009	544
## 11	Ens000a	121
## 12	Ens000b	94
## 13	Ens000c	55
## 14	Ens000d	10
## 15	Ens000e	1339
## 16	Ens000f	136
## 17	Ens000g	7
## 18	Ens000h	590
## 19	Ens000i	74
## 20	Ens000j	2
## 21	Ens000k	13
## 22	Ens000l	46
## 23	Ens000m	92
## 24	Ens000n	19
## 25	Ens000o	224
## 26	Ens000p	609
## 27	Ens000q	0
## 28	Ens000r	360
## 29	Ens000s	914
## 30	Ens000t	172
## 31	Ens000u	114
## 32	Ens000v	166
## 33	Ens000w	23
## 34	Ens000x	1479
## 35	Ens000y	2
## 36	Ens000z	3
## 37	Ens0010	108
## 38	Ens0011	42
## 39	Ens0012	8
## 40	Ens0013	60
## 41	Ens0014	149
## 42	Ens0015	1573
## 43	Ens0016	8
## 44	Ens0017	114
## 45	Ens0018	64
## 46	Ens0019	19
## 47	Ens001a	6
## 48	Ens001b	89
## 49	Ens001c	2
## 50	Ens001d	280
## 51	Ens001e	193
## 52	Ens001f	3
## 53	Ens001g	1052
## 54	Ens001h	145
## 55	Ens001i	3
## 56	Ens001j	6
## 57	Ens001k	3
## 58	Ens001l	23
## 59	Ens001m	49
## 60	Ens001n	90
## 61	Ens001o	12
## 62	Ens001p	404
## 63	Ens001q	41
## 64	Ens001r	119
## 65	Ens001s	63
## 66	Ens001t	6
## 67	Ens001u	15
## 68	Ens001v	61

##	69	Ens001w	64
##	70	Ens001x	3
##	71	Ens001y	971
##	72	Ens001z	2
##	73	Ens0020	30
##	74	Ens0021	189
##	75	Ens0022	19
##	76	Ens0023	870
##	77	Ens0024	9
##	78	Ens0025	14
##	79	Ens0026	1399
##	80	Ens0027	12
##	81	Ens0028	2
##	82	Ens0029	390
##	83	Ens002a	68
##	84	Ens002b	67
##	85	Ens002c	221
##	86	Ens002d	4
##	87	Ens002e	400
##	88	Ens002f	173
##	89	Ens002g	141
##	90	Ens002h	389
##	91	Ens002i	63
##	92	Ens002j	22
##	93	Ens002k	1
##	94	Ens002l	42
##	95	Ens002m	30
##	96	Ens002n	90
##	97	Ens002o	122
##	98	Ens002p	32
##	99	Ens002q	2
##	100	Ens002r	5
##	101	Ens002s	33
##	102	Ens002t	527
##	103	Ens002u	20
##	104	Ens002v	10
##	105	Ens002w	393
##	106	Ens002x	357
##	107	Ens002y	264
##	108	Ens002z	581
##	109	Ens0030	711
##	110	Ens0031	33
##	111	Ens0032	91
##	112	Ens0033	272
##	113	Ens0034	65
##	114	Ens0035	193
##	115	Ens0036	20
##	116	Ens0037	29
##	117	Ens0038	934
##	118	Ens0039	49
##	119	Ens003a	308
##	120	Ens003b	2
##	121	Ens003c	17
##	122	Ens003d	5
##	123	Ens003e	1508
##	124	Ens003f	53
##	125	Ens003g	13
##	126	Ens003h	3
##	127	Ens003i	73
##	128	Ens003j	7
##	129	Ens003k	78
##	130	Ens003l	3
##	131	Ens003m	5
##	132	Ens003n	4
##	133	Ens003o	1
##	134	Ens003p	15
##	135	Ens003q	6
##	136	Ens003r	28
##	137	Ens003s	1
##	138	Ens003t	2

##	139	Ens003u	121
##	140	Ens003v	1
##	141	Ens003w	1071
##	142	Ens003x	1
##	143	Ens003y	70
##	144	Ens003z	95
##	145	Ens0040	24
##	146	Ens0041	26
##	147	Ens0042	4
##	148	Ens0043	37
##	149	Ens0044	178
##	150	Ens0045	107
##	151	Ens0046	572
##	152	Ens0047	241
##	153	Ens0048	50
##	154	Ens0049	0
##	155	Ens004a	427
##	156	Ens004b	34
##	157	Ens004c	2
##	158	Ens004d	3
##	159	Ens004e	383
##	160	Ens004f	6
##	161	Ens004g	332
##	162	Ens004h	352
##	163	Ens004i	159
##	164	Ens004j	2
##	165	Ens004k	849
##	166	Ens004l	240
##	167	Ens004m	1
##	168	Ens004n	10
##	169	Ens004o	6
##	170	Ens004p	22
##	171	Ens004q	31
##	172	Ens004r	9
##	173	Ens004s	22
##	174	Ens004t	17
##	175	Ens004u	9
##	176	Ens004v	81
##	177	Ens004w	20
##	178	Ens004x	656
##	179	Ens004y	23
##	180	Ens004z	145
##	181	Ens0050	4
##	182	Ens0051	24
##	183	Ens0052	4
##	184	Ens0053	964
##	185	Ens0054	15
##	186	Ens0055	48
##	187	Ens0056	148
##	188	Ens0057	307
##	189	Ens0058	614
##	190	Ens0059	50
##	191	Ens005a	1869
##	192	Ens005b	282
##	193	Ens005c	6
##	194	Ens005d	6
##	195	Ens005e	303
##	196	Ens005f	181
##	197	Ens005g	40
##	198	Ens005h	10
##	199	Ens005i	2
##	200	Ens005j	66
##	201	Ens005k	53
##	202	Ens005l	1
##	203	Ens005m	22
##	204	Ens005n	5
##	205	Ens005o	826
##	206	Ens005p	114
##	207	Ens005q	3
##	208	Ens005r	10

##	209	Ens005s	8
##	210	Ens005t	6160
##	211	Ens005u	32
##	212	Ens005v	221
##	213	Ens005w	1120
##	214	Ens005x	12
##	215	Ens005y	202
##	216	Ens005z	163
##	217	Ens0060	11
##	218	Ens0061	733
##	219	Ens0062	857
##	220	Ens0063	8
##	221	Ens0064	580
##	222	Ens0065	2
##	223	Ens0066	77
##	224	Ens0067	0
##	225	Ens0068	3
##	226	Ens0069	5
##	227	Ens006a	19
##	228	Ens006b	170
##	229	Ens006c	1016
##	230	Ens006d	1228
##	231	Ens006e	193
##	232	Ens006f	735
##	233	Ens006g	1174
##	234	Ens006h	74
##	235	Ens006i	112
##	236	Ens006j	1
##	237	Ens006k	43
##	238	Ens006l	152
##	239	Ens006m	451
##	240	Ens006n	37
##	241	Ens006o	22
##	242	Ens006p	15
##	243	Ens006q	93
##	244	Ens006r	118
##	245	Ens006s	444
##	246	Ens006t	34
##	247	Ens006u	3
##	248	Ens006v	21
##	249	Ens006w	6
##	250	Ens006x	9

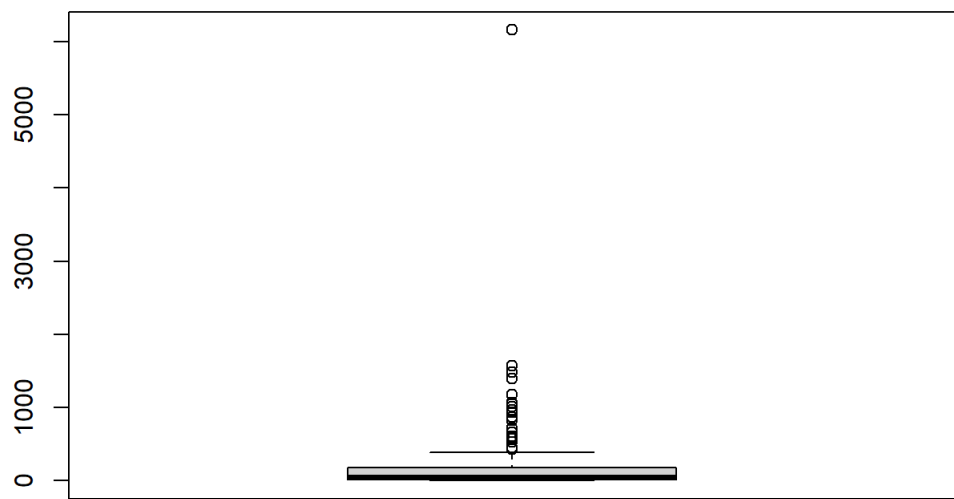
```
library(car)
train_df <- merge(train_data, totalout, by = "output")
test_df <- merge(test_data, totalout, by = "output")
#缺失值处理：查看是否有缺失值
sum(is.na(train_df))
```

```
## [1] 0
```

```
sum(is.na(test_df))
```

```
## [1] 0
```

```
#异常值检验：
sp=boxplot(train_df$deaths)
```



```
sp$out
```

```
## [1] 609 1479 1573 1052 971 870 1399 527 581 711 934 1071 572 427 656
## [16] 826 6160 580 1016 1174 451 444
```

```
#lof检验异常值
library(dbscan)
```

```
## Warning: 程辑包‘dbscan’是用R版本4.1.3 来建造的
```

```
##
## 载入程辑包：‘dbscan’
```

```
## The following object is masked from ‘package:stats’:
##
## as.dendrogram
```

```
outliers_train<-data.frame()
outliers_test<-data.frame()
for (i in 2:18){
  lof_scores<-lof(as.matrix(train_df[,i]))
  outliers_train <- rbind(outliers_train,train_df[lof_scores > 1.5, ])
}
print(outliers_train)
```



##	output	RO	TE	TP	TI1	TI2	nuA
## 51	Ens001x	2.159459	1.7633988	2.488995	4.352666	0.27090295	0.82982787
## 10	Ens000d	3.532799	1.8482985	2.079599	3.261650	0.49932230	0.34901793
## 108	Ens004i	3.074840	0.9119990	3.367709	3.175574	0.34375480	0.54678380
## 26	Ens0012	2.123677	1.3393096	2.891536	2.869989	0.32639652	0.20050334
## 30	Ens0016	2.375512	0.7675774	3.732557	2.981851	0.28022489	0.73604740
## 31	Ens0017	2.743936	1.8295399	1.869184	2.919996	0.02911602	0.53172035
## 32	Ens0018	3.239162	0.4051142	3.978926	3.827677	0.23419443	0.23417783
## 38	Ens001f	2.982345	0.5732507	2.551037	4.494525	0.34741838	0.39217059
## 40	Ens001h	4.178390	1.2229013	3.249926	3.380652	0.03402500	0.23836938
## 54	Ens002i	3.413485	1.8800782	1.258399	4.096986	0.05028216	0.35585351
## 81	Ens0030	4.063757	1.7667789	1.208864	3.047947	0.32220141	0.29808608
## 91	Ens003c	2.723680	1.5440950	2.094569	2.904776	0.37016715	0.91461161
## 94	Ens003h	3.456899	1.8929919	3.863735	3.105399	0.31709706	0.26601871
## 101	Ens003s	2.212080	0.1301903	2.598741	4.099413	0.13746613	0.33751726
## 106	Ens003y	4.287566	0.7805295	3.174946	4.381494	0.45438151	0.84184717
## 119	Ens004f	2.540021	1.6905218	3.815288	2.883017	0.21622321	0.71672067
## 169	Ens006r	3.825798	0.8326459	3.185327	4.164009	0.22695396	0.50898672
## 171	Ens006t	3.113941	1.2288082	3.791200	3.955712	0.31028248	0.84946471
## 13	Ens000j	2.539384	1.4459531	3.230185	3.891213	0.46874590	0.79172534
## 65	Ens002f	2.777418	0.7871251	1.656927	3.482711	0.26895450	0.96969171
## 90	Ens003b	3.646500	1.8330619	3.463652	2.893255	0.38062823	0.83301294
## 93	Ens003g	2.943862	0.6718650	3.295761	3.766106	0.19435501	0.75697329
## 1061	Ens003y	4.287566	0.7805295	3.174946	4.381494	0.45438151	0.84184717
## 118	Ens004e	3.769875	0.8482829	1.774961	3.920250	0.46291981	0.55462190
## 121	Ens004h	4.091339	0.6602101	2.284840	2.964474	0.47693337	0.13001222
## 130	Ens004x	3.890559	0.5034704	3.960801	3.139658	0.04823975	0.36726982
## 141	Ens005h	2.730427	1.9701816	2.575114	4.406920	0.14212988	0.74125796
## 161	Ens006g	3.678251	0.5843925	1.543742	4.044863	0.14113629	0.10644573
## 8	Ens000a	3.913130	1.6065647	2.339503	3.224502	0.25657376	0.27427149
## 67	Ens002h	4.430868	0.5991522	2.394615	3.580506	0.25006511	0.56309971
## 99	Ens003q	4.220468	0.7302430	3.715915	3.659880	0.10468856	0.99966264
## 103	Ens003v	2.142116	1.6822023	2.261130	4.225492	0.39745463	0.94313996
## 104	Ens003w	4.464644	0.6104263	2.163101	3.801472	0.02153869	0.71244803
## 109	Ens0043	2.606433	1.1627218	3.224243	3.986799	0.35876417	0.00134544
## 110	Ens0045	3.888502	0.8869569	3.824950	3.621250	0.09491871	0.10144048
## 3	Ens0004	2.646251	1.6588382	1.969208	4.347072	0.20909564	0.08319641
## 4	Ens0005	3.101044	0.8381587	2.672335	4.389348	0.15560899	0.59827141
## 21	Ens000v	2.093217	0.4007019	1.886617	3.743480	0.14657294	0.80225203
## 35	Ens001c	2.555325	1.2509487	3.515741	3.780213	0.41935019	0.36989330
## 39	Ens001g	3.503316	0.2396810	2.902493	3.027494	0.15218620	0.93379164
## 47	Ens001t	2.030426	1.0621521	3.576688	3.857397	0.17939456	0.88612964
## 541	Ens002i	3.413485	1.8800782	1.258399	4.096986	0.05028216	0.35585351
## 651	Ens002f	2.777418	0.7871251	1.656927	3.482711	0.26895450	0.96969171
## 71	Ens002i	2.932947	0.7477712	1.831925	4.195264	0.28919242	0.28667529
## 98	Ens003n	2.198085	0.5633625	3.924040	3.466544	0.16447052	0.92780697
## 120	Ens004g	3.207880	0.5685467	3.752512	3.099193	0.44653960	0.25634112
## 127	Ens004p	2.611645	0.2312241	3.525178	3.544764	0.40489814	0.78491191
## 136	Ens0057	4.444412	1.4175772	2.938273	3.794225	0.02335564	0.30216782
## 149	Ens005t	3.512377	0.3345124	3.271220	2.974736	0.49256375	0.58176679
## 151	Ens005x	2.104636	1.0920481	1.739563	3.689759	0.39811276	0.12459864
## 167	Ens006p	2.278503	1.6337608	2.017762	3.304975	0.05934604	0.90237208
## 174	Ens006w	2.785900	1.3111060	2.863681	4.202952	0.12583330	0.99371294
## 2	Ens0003	2.019623	0.6312030	2.618517	3.931700	0.47189408	0.16370945
## 16	Ens000m	4.344293	1.5429726	1.721153	4.090636	0.27296497	0.24261958
## 20	Ens000t	4.188374	1.3059166	2.313389	3.015031	0.33660240	0.96773559
## 33	Ens0019	2.334839	1.0420433	1.326464	4.054775	0.37518986	0.65489313
## 511	Ens001x	2.159459	1.7633988	2.488995	4.352666	0.27090295	0.82982787
## 52	Ens001y	3.639286	0.3698671	1.239866	4.289255	0.40705634	0.13661685
## 56	Ens0023	4.041591	1.3905913	1.421910	2.996974	0.42688073	0.15683429
## 60	Ens0028	2.138568	0.3045929	1.990781	4.443901	0.43447299	0.54034388
## 69	Ens002j	3.464331	1.0448868	3.875588	2.956861	0.14854461	0.62185253
## 75	Ens002q	2.594567	1.5806263	2.749236	3.056659	0.45830649	0.75549970
## 85	Ens0035	3.333314	0.9457876	2.655302	2.800690	0.03915491	0.14656568
## 931	Ens003g	2.943862	0.6718650	3.295761	3.766106	0.19435501	0.75697329
## 1062	Ens003y	4.287566	0.7805295	3.174946	4.381494	0.45438151	0.84184717
## 1101	Ens0045	3.888502	0.8869569	3.824950	3.621250	0.09491871	0.10144048
## 111	Ens0046	4.219557	0.5537027	1.429022	4.361633	0.39530450	0.50134247
## 128	Ens004q	3.172389	0.3211860	2.191662	3.319588	0.08437055	0.05166798

##	137	Ens0059	3.487164	0.1915092	3.915361	3.384859	0.22909680	0.81120243
##	139	Ens005e	2.381847	0.2792511	2.037773	3.215877	0.15084885	0.26131773
##	144	Ens005k	3.037981	1.4385499	1.787901	2.866284	0.38932402	0.57134438
##	153	Ens0064	4.412524	0.6447756	3.535024	4.343116	0.23107971	0.14061730
##	157	Ens0069	2.712636	0.4889967	3.883436	4.008073	0.30591188	0.52282949
##	160	Ens006e	3.777752	0.2925160	3.671799	3.583640	0.09931126	0.55631902
##	165	Ens006l	3.264894	0.7146529	2.428498	3.428564	0.03619093	0.89302409
##	6	Ens0007	3.162247	1.1173583	3.701778	3.315843	0.43650987	0.51348558
##	102	Ens000d	3.532799	1.8482985	2.079599	3.261650	0.49932230	0.34901793
##	17	Ens000n	4.085887	1.6449896	3.628742	3.479849	0.22287995	0.84483509
##	311	Ens0017	2.743936	1.8295399	1.869184	2.919996	0.02911602	0.53172035
##	521	Ens001y	3.639286	0.3698671	1.239866	4.289255	0.40705634	0.13661685
##	691	Ens002j	3.464331	1.0448868	3.875588	2.956861	0.14854461	0.62185253
##	751	Ens002q	2.594567	1.5806263	2.749236	3.056659	0.45830649	0.75549970
##	76	Ens002t	4.191432	0.4618099	1.476672	4.042491	0.11731267	0.52461259
##	811	Ens0030	4.063757	1.7667789	1.208864	3.047947	0.32220141	0.29808608
##	911	Ens003c	2.723680	1.5440950	2.094569	2.904776	0.37016715	0.91461161
##	941	Ens003h	3.456899	1.8929919	3.863735	3.105399	0.31709706	0.26601871
##	1041	Ens003w	4.464644	0.6104263	2.163101	3.801472	0.02153869	0.71244803
##	115	Ens004a	3.402607	1.3756240	1.940887	3.367005	0.12245090	0.72995788
##	116	Ens004b	2.961424	1.5338186	3.063296	3.760092	0.26764816	0.22346803
##	1191	Ens004f	2.540021	1.6905218	3.815288	2.883017	0.21622321	0.71672067
##	1601	Ens006e	3.777752	0.2925160	3.671799	3.583640	0.09931126	0.55631902
##	312	Ens0017	2.743936	1.8295399	1.869184	2.919996	0.02911602	0.53172035
##	36	Ens001d	3.839972	0.3560057	3.312047	4.109098	0.36288555	0.62409954
##	68	Ens002i	3.848430	0.8288441	1.801161	3.128491	0.07435708	0.68077526
##	82	Ens0031	3.562445	1.2041592	3.662659	3.566912	0.01200604	0.79542488
##	912	Ens003c	2.723680	1.5440950	2.094569	2.904776	0.37016715	0.91461161
##	148	Ens005s	2.639038	0.9257741	2.884222	4.311249	0.42255242	0.39711620
##	164	Ens006k	4.030058	1.8244123	3.077789	3.080787	0.11225111	0.01237107
##	5	Ens0006	3.491024	0.9420883	2.821438	3.489667	0.45682259	0.98751086
##	12	Ens000g	2.437451	1.2388599	3.017311	3.186390	0.11486497	0.95513548
##	22	Ens000x	4.409171	0.7933911	3.854092	3.439820	0.12080512	0.30874826
##	27	Ens0013	2.487219	1.4274787	1.520621	3.648640	0.31523535	0.41939709
##	29	Ens0015	4.257234	0.2546335	2.105053	2.952422	0.09207962	0.28800239
##	313	Ens0017	2.743936	1.8295399	1.869184	2.919996	0.02911602	0.53172035
##	59	Ens0026	4.389897	0.5478320	2.694411	3.733587	0.08842440	0.42099323
##	812	Ens0030	4.063757	1.7667789	1.208864	3.047947	0.32220141	0.29808608
##	92	Ens003d	2.455761	0.8570817	2.386738	3.518050	0.26469465	0.02279985
##	95	Ens003i	2.656434	1.7895167	1.409372	3.423146	0.43940366	0.88031420
##	97	Ens003m	2.028280	1.6044756	3.552618	3.346020	0.15900005	0.17603009
##	1091	Ens0043	2.606433	1.1627218	3.224243	3.986799	0.35876417	0.00134544
##	1102	Ens0045	3.888502	0.8869569	3.824950	3.621250	0.09491871	0.10144048
##	114	Ens0049	2.200845	0.9302705	3.198786	4.395082	0.41171824	0.77777085
##	1491	Ens005t	3.512377	0.3345124	3.271220	2.974736	0.49256375	0.58176679
##	1511	Ens005x	2.104636	1.0920481	1.739563	3.689759	0.39811276	0.12459864
##	155	Ens0067	2.407209	1.9825002	3.455456	3.538786	0.25998219	0.34269517
##	1571	Ens0069	2.712636	0.4889967	3.883436	4.008073	0.30591188	0.52282949
##		ns	p_home_weekend		alphaTH	etaTH	alphaEP	alphaIID
##	51	88.22107	0.100799507	0.01647557	0.04214075	-2.991586	-7.605119	
##	10	53.38185	0.322918800	0.92754984	0.02520643	-2.955601	-10.219183	
##	108	46.84759	0.001073243	1.34473329	0.01762402	-2.663655	-14.910316	
##	26	52.05831	0.665574479	0.58719311	0.03445782	-2.924287	-5.749060	
##	30	86.78740	0.199280596	0.58786003	0.02720652	-3.395689	-19.880840	
##	31	82.14734	0.657974238	0.32476786	0.02805748	-1.947765	-3.183254	
##	32	57.76715	0.461882442	-1.06870741	0.05714976	-2.710971	-5.977974	
##	38	25.86319	0.050683308	1.64390848	0.01191988	-3.524547	-11.273961	
##	40	37.06886	0.023862922	1.53817563	0.01130825	-2.794864	-6.722708	
##	54	77.17701	0.122640890	0.58273976	0.03319624	-3.179933	-3.775092	
##	81	73.92535	0.109049497	0.30079713	0.03621763	-1.824731	-4.417951	
##	91	81.47339	0.863932614	0.26354184	0.03741329	-3.234496	-5.319231	
##	94	42.01052	0.619377642	-0.06789682	0.04718631	-3.037741	-16.492684	
##	101	18.52230	0.293045720	0.32484743	0.03089783	-3.094125	-10.986480	
##	106	64.20815	0.477358998	-1.21424830	0.08441056	-2.151296	-7.535758	
##	119	61.20162	0.648142856	0.27069439	0.03724377	-2.847842	-5.092642	
##	169	73.32727	0.563730340	0.66988125	0.02956427	-4.083290	-4.865766	
##	171	88.55803	0.115961692	0.34821187	0.02908449	-2.690683	-3.691021	
##	13	92.11264	0.698555996	1.30685281	0.01573665	-2.987240	-12.978055	
##	65	44.48783	0.694083902	-0.58361868	0.06930613	-2.872115	-4.276510	
##	90	16.64337	0.914459696	0.85713910	0.02413456	-3.839005	-12.456186	

##	93	58.86135	0.804060601	0.99489168	0.01894748	-3.289138	-4.800095
##	1061	64.20815	0.477358998	-1.21424830	0.08441056	-2.151296	-7.535758
##	118	34.98408	0.018692526	1.01713144	0.01561909	-1.791229	-4.397263
##	121	68.05101	0.288708983	0.71907105	0.02885939	-2.197313	-5.642502
##	130	63.13338	0.242109544	0.51270646	0.02375011	-1.514305	-4.339642
##	141	67.38880	0.687153866	0.89895016	0.02029268	-2.378091	-3.355669
##	161	75.18769	0.030984789	0.71553947	0.02339339	-1.536430	-15.699410
##	8	90.73075	0.978027255	1.00679553	0.02143288	-4.322224	-4.595642
##	67	24.00676	0.474063239	0.96463091	0.02661978	-4.201005	-5.130458
##	99	10.26725	0.419196453	0.83380677	0.02534999	-4.309106	-14.038830
##	103	53.16740	0.645484890	-0.19952138	0.03769208	-3.067561	-6.496698
##	104	49.03747	0.938732373	-0.35931761	0.04658555	-3.053883	-4.971606
##	109	67.02108	0.584482545	1.38957623	0.01960560	-2.477306	-4.369326
##	110	88.10633	0.714702599	0.42140124	0.03173548	-3.148372	-5.400687
##	3	51.00591	0.749302535	-0.19460614	0.04411861	-3.918644	-11.809591
##	4	95.57767	0.904148384	0.08084175	0.04001031	-2.264114	-2.034088
##	21	78.17072	0.510264545	0.23045363	0.03797162	-2.413282	-2.326730
##	35	11.89397	0.106879303	-0.23483696	0.04149635	-1.781295	-15.336076
##	39	86.19900	0.536581244	0.29159406	0.03754998	-2.458625	-3.527228
##	47	52.34682	0.255355864	0.62288511	0.02782158	-1.277543	-4.030432
##	541	77.17701	0.122640890	0.58273976	0.03319624	-3.179933	-3.775092
##	651	44.48783	0.694083902	-0.58361868	0.06930613	-2.872115	-4.276510
##	71	73.48028	0.428637232	0.29909030	0.03898750	-3.133310	-11.805383
##	98	97.11156	0.662426045	0.63749513	0.02995208	-3.081530	-4.709663
##	120	94.21910	0.507462813	-0.08750843	0.03972076	-2.538389	-2.405979
##	127	74.16553	0.466655223	0.19809736	0.04629855	-3.432094	-3.784292
##	136	83.28343	0.901597308	0.46265821	0.03791059	-1.513032	-9.833605
##	149	77.88501	0.138538789	0.55301718	0.03459818	-2.271142	-2.299776
##	151	40.89998	0.076759424	0.69076531	0.02152232	-1.857675	-4.137544
##	167	46.29431	0.636196411	1.46217809	0.01483135	-2.934519	-4.155161
##	174	30.82742	0.456973198	-0.33155810	0.04414502	-3.420932	-4.455747
##	2	65.94947	0.251782696	-0.20698362	0.06010414	-2.187134	-7.785062
##	16	35.33453	0.157285307	0.17009880	0.04168422	-1.919334	-12.981231
##	20	38.55911	0.760946195	1.46396648	0.01085325	-2.651003	-10.112209
##	33	59.92939	0.931338335	0.54498300	0.03318651	-1.447393	-12.508031
##	511	88.22107	0.100799507	0.01647557	0.04214075	-2.991586	-7.605119
##	52	43.03542	0.190781640	0.53496620	0.02774250	-2.555564	-13.718368
##	56	30.04651	0.551823267	0.39743987	0.03163506	-2.673594	-16.303396
##	60	47.86052	0.514468033	0.69605059	0.02484218	-3.612344	-16.395451
##	69	28.20489	0.379979529	-0.36311813	0.05205482	-2.963206	-4.568559
##	75	26.97726	0.482343132	1.31092701	0.01773918	-3.372532	-5.232798
##	85	84.80266	0.4371147931	-0.44519701	0.04464955	-3.406307	-7.991108
##	931	58.86135	0.804060601	0.99489168	0.01894748	-3.289138	-4.800095
##	1062	64.20815	0.477358998	-1.21424830	0.08441056	-2.151296	-7.535758
##	1101	88.10633	0.714702599	0.42140124	0.03173548	-3.148372	-5.400687
##	111	40.11095	0.881821953	1.30126424	0.01345097	-2.555775	-12.198108
##	128	24.42259	0.716361109	-0.35976607	0.05997774	-3.551313	-6.723299
##	137	21.43789	0.769990543	0.29141453	0.03630741	-2.227408	-11.334290
##	139	51.32923	0.073285904	-0.36901663	0.05418413	-1.870026	-4.639413
##	144	68.57438	0.152827642	0.03265946	0.03762865	-2.974168	-14.581104
##	153	87.07388	0.168155812	1.26330743	0.01707337	-2.148010	-4.945880
##	157	89.68978	0.681836257	-0.66525790	0.04811852	-2.678039	-12.202212
##	160	51.68725	0.960140914	1.04519055	0.02127280	-3.006407	-5.282568
##	165	91.51867	0.055634021	0.50849075	0.02763383	-4.127325	-5.217134
##	6	45.32275	0.994247562	0.28593538	0.04155857	-2.807265	-5.284035
##	102	53.38185	0.322918800	0.92754984	0.02520643	-2.955601	-10.219183
##	17	23.09337	0.071077916	1.48168681	0.01435741	-2.908941	-17.241403
##	311	82.14734	0.657974238	0.32476786	0.02805748	-1.947765	-3.183254
##	521	43.03542	0.190781640	0.53496620	0.02774250	-2.555564	-13.718368
##	691	28.20489	0.379979529	-0.36311813	0.05205482	-2.963206	-4.568559
##	751	26.97726	0.482343132	1.31092701	0.01773918	-3.372532	-5.232798
##	76	14.09222	0.135708824	0.22656025	0.03642107	-3.318291	-9.992820
##	811	73.92535	0.109049497	0.30079713	0.03621763	-1.824731	-4.417951
##	911	81.47339	0.863932614	0.26354184	0.03741329	-3.234496	-5.319231
##	941	42.01052	0.619377642	-0.06789682	0.04718631	-3.037741	-16.492684
##	1041	49.03747	0.938732373	-0.35931761	0.04658555	-3.053883	-4.971606
##	115	95.82042	0.812004716	0.19424822	0.03857472	-2.003434	-4.537933
##	116	52.74488	0.987578241	0.76105738	0.03084199	-1.883716	-4.951557
##	1191	61.20162	0.648142856	0.27069439	0.03724377	-2.847842	-5.092642
##	1601	51.68725	0.960140914	1.04519055	0.02127280	-3.006407	-5.282568

##	312	82.14734	0.657974238	0.32476786	0.02805748	-1.947765	-3.183254
##	36	99.13021	0.232711273	0.08359009	0.04412456	-2.759097	-4.327656
##	68	13.68761	0.710905512	-0.18129069	0.04413146	-2.376475	-14.228790
##	82	69.37956	0.160239001	0.78958918	0.02554585	-2.892035	-5.512906
##	912	81.47339	0.863932614	0.26354184	0.03741329	-3.234496	-5.319231
##	148	48.70699	0.872686734	1.16638273	0.01926710	-3.980204	-5.780796
##	164	25.48350	0.311143006	-0.40539183	0.04677145	-3.025352	-10.153470
##	5	69.99191	0.091302317	0.54318080	0.03188697	-2.979569	-6.057135
##	12	68.92522	0.945573669	0.70798514	0.02825337	-1.319351	-15.845087
##	22	19.01827	0.857981753	0.67611806	0.02766590	-2.290663	-3.026514
##	27	93.42772	0.167650344	0.75687180	0.02177790	-1.956334	-5.058669
##	29	60.70847	0.499148854	1.09686553	0.02067460	-2.115441	-7.650267
##	313	82.14734	0.657974238	0.32476786	0.02805748	-1.947765	-3.183254
##	59	92.96917	0.095258016	0.48600718	0.03148773	-1.757078	-4.899502
##	812	73.92535	0.109049497	0.30079713	0.03621763	-1.824731	-4.417951
##	92	29.15876	0.364285148	0.52009654	0.03227765	-3.004187	-17.901393
##	95	57.88749	0.207831603	0.29123196	0.03597125	-1.309907	-3.608377
##	97	40.36944	0.329315197	0.94201515	0.01971911	-3.244646	-3.697281
##	1091	67.02108	0.584482545	1.38957623	0.01960560	-2.477306	-4.369326
##	1102	88.10633	0.714702599	0.42140124	0.03173548	-3.148372	-5.400687
##	114	30.95915	0.306537953	0.10862625	0.03306771	-3.184169	-9.614242
##	1491	77.88501	0.138538789	0.55301718	0.03459818	-2.271142	-2.299776
##	1511	40.89998	0.076759424	0.69076531	0.02152232	-1.857675	-4.137544
##	155	20.31704	0.735291248	0.90963944	0.02296253	-3.671711	-9.403604
##	1571	89.68978	0.681836257	-0.66525790	0.04811852	-2.678039	-12.202212
##		alphaHD	alphaIIH	eta	repeats	deaths	
##	51	-2.229784	-2.867433	0.02644705	1	3	
##	10	-3.969437	-3.906466	0.03152573	10	10	
##	108	-2.453622	-2.745407	0.02516648	1	26	
##	26	-4.937576	-4.348535	0.03333097	10	8	
##	30	-2.739318	-3.105676	0.03077747	10	8	
##	31	-17.753070	-1.446241	0.01077555	10	114	
##	32	-4.290093	-3.598805	0.03100334	10	64	
##	38	-3.803454	-3.271147	0.03144865	1	3	
##	40	-4.519353	-3.795312	0.03307531	1	145	
##	54	-3.347300	-2.461494	0.02564803	1	189	
##	81	-15.841967	-2.286235	0.01412983	1	711	
##	91	-5.777456	-3.155221	0.02932729	1	17	
##	94	-4.001548	-3.386121	0.03217838	1	3	
##	101	-4.180273	-2.800528	0.02750386	1	1	
##	106	-2.341060	-2.764088	0.02181794	1	70	
##	119	-8.907056	-3.424027	0.03025151	1	6	
##	169	-12.200573	-3.452494	0.03789292	1	118	
##	171	-13.242259	-2.591947	0.02335350	1	34	
##	13	-4.054924	-4.167168	0.03499876	10	2	
##	65	-5.292868	-3.786223	0.03001363	1	173	
##	90	-3.340067	-2.346438	0.02767838	1	2	
##	93	-6.952576	-2.748477	0.02583156	1	13	
##	1061	-2.341060	-2.764088	0.02181794	1	70	
##	118	-18.783749	-2.580058	0.01563779	1	383	
##	121	-13.115398	-3.205240	0.01945824	1	352	
##	130	-11.834962	-2.968072	0.01500599	1	656	
##	141	-11.370317	-1.938559	0.01523597	1	10	
##	161	-1.889759	-3.002268	0.01716150	1	1174	
##	8	-3.138354	-2.679567	0.03028746	10	121	
##	67	-9.166562	-3.508147	0.03748476	1	389	
##	99	-4.281390	-3.469834	0.03750212	1	6	
##	103	-3.632736	-2.126714	0.02356369	1	1	
##	104	-4.185698	-3.154751	0.03126202	1	1071	
##	109	-12.599112	-2.984052	0.02329027	1	37	
##	110	-3.186133	-2.023913	0.02236628	1	107	
##	3	-3.423265	-2.771894	0.03167488	10	4	
##	4	-11.777196	-1.601891	0.01254105	10	289	
##	21	-2.430536	-2.657106	0.02086380	10	166	
##	35	-1.965633	-2.238645	0.01366508	10	2	
##	39	-15.684998	-2.617848	0.01960462	1	1052	
##	47	-8.245695	-3.121002	0.01511153	1	6	
##	541	-3.347300	-2.461494	0.02564803	1	189	
##	651	-5.292868	-3.786223	0.03001363	1	173	
##	71	-2.086219	-1.691522	0.01855225	1	42	

## 98	-18.675454	-3.081765	0.02592473	1	4
## 120	-19.026216	-1.353097	0.01242537	1	332
## 127	-9.008524	-2.514382	0.02477775	1	22
## 136	-2.074867	-2.471695	0.01598690	1	307
## 149	-5.357671	-3.096700	0.02462365	1	6160
## 151	-4.047677	-1.737439	0.01155407	1	12
## 167	-2.373342	-2.957171	0.02638730	1	15
## 174	-10.227390	-3.230944	0.03196318	1	6
## 2	-3.358996	-3.042935	0.02285039	10	2
## 16	-2.672176	-3.497695	0.02200476	10	92
## 20	-2.800598	-2.245594	0.02212299	10	172
## 33	-1.750601	-2.152343	0.01148316	10	19
## 511	-2.229784	-2.867433	0.02644705	1	3
## 52	-1.419427	-1.242452	0.01161460	1	971
## 56	-1.634816	-1.681670	0.01677213	1	870
## 60	-2.395025	-1.574604	0.01846261	1	2
## 69	-2.255815	-1.023311	0.01284512	1	22
## 75	-10.671476	-3.844763	0.03081921	1	2
## 85	-2.812495	-2.403692	0.02652248	1	193
## 931	-6.952576	-2.748477	0.02583156	1	13
## 1062	-2.341060	-2.764088	0.02181794	1	70
## 1101	-3.186133	-2.023913	0.02236628	1	107
## 111	-2.682208	-3.040852	0.02588893	1	572
## 128	-3.287719	-1.525820	0.01726493	1	31
## 137	-2.214219	-2.370348	0.02006073	1	50
## 139	-4.391249	-3.501540	0.02260635	1	303
## 144	-2.219620	-1.319930	0.01470370	1	53
## 153	-2.337812	-2.060750	0.01674097	1	580
## 157	-3.516745	-2.494884	0.02348545	1	5
## 160	-1.446362	-1.180856	0.01330864	1	193
## 165	-4.914860	-3.874093	0.03767066	1	152
## 6	-17.303116	-3.285671	0.02630571	10	10
## 102	-3.969437	-3.906466	0.03152573	10	10
## 17	-2.019299	-1.788115	0.01905984	10	19
## 311	-17.753070	-1.446241	0.01077555	10	114
## 521	-1.419427	-1.242452	0.01161460	1	971
## 691	-2.255815	-1.023311	0.01284512	1	22
## 751	-10.671476	-3.844763	0.03081921	1	2
## 76	-1.860885	-1.831206	0.02004878	1	527
## 811	-15.841967	-2.286235	0.01412983	1	711
## 911	-5.777456	-3.155221	0.02932729	1	17
## 941	-4.001548	-3.386121	0.03217838	1	3
## 1041	-4.185698	-3.154751	0.03126202	1	1071
## 115	-13.232833	-3.305512	0.02252676	1	427
## 116	-16.323699	-3.990983	0.02341876	1	34
## 1191	-8.907056	-3.424027	0.03025151	1	6
## 1601	-1.446362	-1.180856	0.01330864	1	193
## 312	-17.753070	-1.446241	0.01077555	10	114
## 36	-5.950847	-2.639187	0.02309248	10	280
## 68	-4.242270	-3.339861	0.02702754	1	63
## 82	-15.699865	-3.645133	0.02951740	1	33
## 912	-5.777456	-3.155221	0.02932729	1	17
## 148	-18.017993	-4.440826	0.04333193	1	8
## 164	-3.410987	-3.326140	0.02932373	1	43
## 5	-12.180842	-4.514898	0.03810175	10	104
## 12	-2.376905	-2.491921	0.01273332	10	7
## 22	-3.010407	-2.666925	0.02238055	10	1479
## 27	-5.755424	-3.598780	0.02370823	10	60
## 29	-2.378278	-3.097329	0.02212827	10	1573
## 313	-17.753070	-1.446241	0.01077555	10	114
## 59	-19.777743	-3.447224	0.02215658	1	1399
## 812	-15.841967	-2.286235	0.01412983	1	711
## 92	-4.223303	-3.866940	0.03296492	1	5
## 95	-12.475986	-2.521102	0.01114278	1	73
## 97	-5.711362	-2.859295	0.02848346	1	5
## 1091	-12.599112	-2.984052	0.02329027	1	37
## 1102	-3.186133	-2.023913	0.02236628	1	107
## 114	-4.659003	-3.825992	0.03465879	1	0
## 1491	-5.357671	-3.096700	0.02462365	1	6160
## 1511	-4.047677	-1.737439	0.01155407	1	12

## 155	-3.059058	-2.519397	0.02762546	1	0
## 1571	-3.516745	-2.494884	0.02348545	1	5

```
for (i in 2:18){  
  lof_scores<-lof(as.matrix(test_df[,i]))  
  outliers_test <- rbind(outliers_test,train_df[lof_scores > 1.5, ])  
}  
print(outliers_test)
```

##	output	RO	TE	TP	TI1	TI2	nuA
## 57	Ens0024	2. 833025	1. 4976902	3. 999401	3. 999477	0. 026250765	0. 724131602
## 132	Ens0050	2. 111215	0. 9729579	2. 536014	4. 126818	0. 360307276	0. 457546322
## 23	Ens000y	2. 879178	1. 7516705	3. 779343	4. 423954	0. 301213933	0. 699741427
## 27	Ens0013	2. 487219	1. 4274787	1. 520621	3. 648640	0. 315235346	0. 419397092
## 98	Ens003n	2. 198085	0. 5633625	3. 924040	3. 466544	0. 164470524	0. 927806966
## 102	Ens003u	3. 425761	1. 2763098	1. 699626	2. 849638	0. 298998545	0. 518663382
## 173	Ens006v	2. 518592	1. 5521430	2. 715386	2. 941086	0. 156200717	0. 806016516
## 10	Ens000d	3. 532799	1. 8482985	2. 079599	3. 261650	0. 499322304	0. 349017925
## 21	Ens000v	2. 093217	0. 4007019	1. 886617	3. 743480	0. 146572943	0. 802252032
## 72	Ens002m	3. 068428	1. 1192848	3. 479575	2. 932876	0. 188087718	0. 406722637
## 85	Ens0035	3. 333314	0. 9457876	2. 655302	2. 800690	0. 039154915	0. 146565678
## 96	Ens003k	3. 805625	1. 9529420	1. 814904	4. 188108	0. 057261297	0. 197760884
## 147	Ens005q	2. 318578	1. 9138467	1. 459047	3. 850273	0. 296691218	0. 775536772
## 160	Ens006e	3. 777752	0. 2925160	3. 671799	3. 583640	0. 099311265	0. 556319024
## 171	Ens006t	3. 113941	1. 2288082	3. 791200	3. 955712	0. 310282480	0. 849464708
## 231	Ens000y	2. 879178	1. 7516705	3. 779343	4. 423954	0. 301213933	0. 699741427
## 981	Ens003n	2. 198085	0. 5633625	3. 924040	3. 466544	0. 164470524	0. 927806966
## 1731	Ens006v	2. 518592	1. 5521430	2. 715386	2. 941086	0. 156200717	0. 806016516
## 211	Ens000v	2. 093217	0. 4007019	1. 886617	3. 743480	0. 146572943	0. 802252032
## 51	Ens001x	2. 159459	1. 7633988	2. 488995	4. 352666	0. 270902946	0. 829827867
## 52	Ens001y	3. 639286	0. 3698671	1. 239866	4. 289255	0. 407056339	0. 136616851
## 571	Ens0024	2. 833025	1. 4976902	3. 999401	3. 999477	0. 026250765	0. 724131602
## 65	Ens002f	2. 777418	0. 7871251	1. 656927	3. 482711	0. 268954499	0. 969691714
## 66	Ens002g	2. 869216	0. 4240093	1. 727164	2. 809135	0. 331014085	0. 506646394
## 961	Ens003k	3. 805625	1. 9529420	1. 814904	4. 188108	0. 057261297	0. 197760884
## 126	Ens004o	4. 397206	1. 2853306	3. 840327	3. 456161	0. 452680634	0. 586140484
## 127	Ens004p	2. 611645	0. 2312241	3. 525178	3. 544764	0. 404898141	0. 784911909
## 1321	Ens0050	2. 111215	0. 9729579	2. 536014	4. 126818	0. 360307276	0. 457546322
## 140	Ens005g	4. 112838	1. 5597758	3. 593067	3. 691213	0. 287298114	0. 387959513
## 141	Ens005h	2. 730427	1. 9701816	2. 575114	4. 406920	0. 142129881	0. 741257961
## 1711	Ens006t	3. 113941	1. 2288082	3. 791200	3. 955712	0. 310282480	0. 849464708
## 521	Ens001y	3. 639286	0. 3698671	1. 239866	4. 289255	0. 407056339	0. 136616851
## 1271	Ens004p	2. 611645	0. 2312241	3. 525178	3. 544764	0. 404898141	0. 784911909
## 212	Ens000v	2. 093217	0. 4007019	1. 886617	3. 743480	0. 146572943	0. 802252032
## 62	Ens002b	4. 328502	0. 1352305	2. 854063	4. 066208	0. 293107853	0. 441945529
## 651	Ens002f	2. 777418	0. 7871251	1. 656927	3. 482711	0. 268954499	0. 969691714
## 69	Ens002j	3. 464331	1. 0448868	3. 875588	2. 956861	0. 148544613	0. 621852528
## 962	Ens003k	3. 805625	1. 9529420	1. 814904	4. 188108	0. 057261297	0. 197760884
## 137	Ens0059	3. 487164	0. 1915092	3. 915361	3. 384859	0. 229096800	0. 811202427
## 1401	Ens005g	4. 112838	1. 5597758	3. 593067	3. 691213	0. 287298114	0. 387959513
## 144	Ens005k	3. 037981	1. 4385499	1. 787901	2. 866284	0. 389324022	0. 571344381
## 1712	Ens006t	3. 113941	1. 2288082	3. 791200	3. 955712	0. 310282480	0. 849464708
## 31	Ens0017	2. 743936	1. 8295399	1. 869184	2. 919996	0. 029116023	0. 531720352
## 75	Ens002q	2. 594567	1. 5806263	2. 749236	3. 056659	0. 458306488	0. 755499700
## 106	Ens003y	4. 287566	0. 7805295	3. 174946	4. 381494	0. 454381513	0. 841847174
## 150	Ens005u	3. 183539	1. 9366967	1. 297363	3. 165535	0. 376974057	0. 218348980
## 8	Ens000a	3. 913130	1. 6065647	2. 339503	3. 224502	0. 256573762	0. 274271495
## 13	Ens000j	2. 539384	1. 4459531	3. 230185	3. 891213	0. 468745896	0. 791725342
## 19	Ens000p	3. 431334	0. 2187275	1. 665881	4. 461397	0. 168398765	0. 391806539
## 30	Ens0016	2. 375512	0. 7675774	3. 732557	2. 981851	0. 280224886	0. 736047395
## 311	Ens0017	2. 743936	1. 8295399	1. 869184	2. 919996	0. 029116023	0. 531720352
## 33	Ens0019	2. 334839	1. 0420433	1. 326464	4. 054775	0. 375189855	0. 654893132
## 40	Ens001h	4. 178390	1. 2229013	3. 249926	3. 380652	0. 034025003	0. 238369382
## 56	Ens0023	4. 041591	1. 3905913	1. 421910	2. 996974	0. 426880725	0. 156834287
## 691	Ens002j	3. 464331	1. 0448868	3. 875588	2. 956861	0. 148544613	0. 621852528
## 74	Ens002p	3. 026365	1. 1660003	3. 430316	2. 840932	0. 484503742	0. 041437434
## 83	Ens0033	4. 018187	0. 5273226	1. 909866	3. 141820	0. 307831038	0. 732125360
## 88	Ens0039	3. 241513	1. 1070505	2. 328719	3. 907017	0. 007184658	0. 975037120
## 94	Ens003h	3. 456899	1. 8929919	3. 863735	3. 105399	0. 317097060	0. 266018705
## 105	Ens003x	2. 970406	1. 3547153	3. 955121	4. 075730	0. 464143827	0. 253519459
## 1061	Ens003y	4. 287566	0. 7805295	3. 174946	4. 381494	0. 454381513	0. 841847174
## 108	Ens0041	3. 074840	0. 9119990	3. 367709	3. 175574	0. 343754804	0. 546783798
## 115	Ens004a	3. 402607	1. 3756240	1. 940887	3. 367005	0. 122450897	0. 729957879
## 131	Ens004y	2. 907017	1. 8623375	2. 660305	3. 275549	0. 302834405	0. 195993350
## 1441	Ens005k	3. 037981	1. 4385499	1. 787901	2. 866284	0. 389324022	0. 571344381
## 149	Ens005t	3. 512377	0. 3345124	3. 271220	2. 974736	0. 492563752	0. 581766794
## 158	Ens006b	4. 157682	1. 6781551	1. 633341	3. 363984	0. 474215186	0. 472227814
## 163	Ens006j	2. 228732	1. 4873097	2. 177854	3. 786775	0. 460543825	0. 496955756

##	169	Ens006r	3.825798	0.8326459	3.185327	4.164009	0.226953959	0.508986719
##	5	Ens0006	3.491024	0.9420883	2.821438	3.489667	0.456822591	0.987510856
##	621	Ens002b	4.328502	0.1352305	2.854063	4.066208	0.293107853	0.441945529
##	652	Ens002f	2.777418	0.7871251	1.656927	3.482711	0.268954499	0.969691714
##	68	Ens002i	3.848430	0.8288441	1.801161	3.128491	0.074357081	0.680775265
##	70	Ens002k	2.343398	1.3223679	3.059094	4.244321	0.233460390	0.595413435
##	80	Ens002z	2.761975	0.3162254	1.482330	3.323739	0.420485519	0.088348298
##	1371	Ens0059	3.487164	0.1915092	3.915361	3.384859	0.229096800	0.811202427
##	1402	Ens005g	4.112838	1.5597758	3.593067	3.691213	0.287298114	0.387959513
##	143	Ens005j	4.495834	1.1437391	3.323448	4.177043	0.295061646	0.630090154
##	145	Ens005l	2.187678	0.6991336	2.060214	3.671102	0.041601373	0.670059141
##	155	Ens0067	2.407209	1.9825002	3.455456	3.538786	0.259982190	0.342695165
##	81	Ens000a	3.913130	1.6065647	2.339503	3.224502	0.256573762	0.274271495
##	232	Ens000y	2.879178	1.7516705	3.779343	4.423954	0.301213933	0.699741427
##	44	Ens001n	4.269396	1.7821788	1.367932	3.437598	0.191072936	0.615563949
##	522	Ens001y	3.639286	0.3698671	1.239866	4.289255	0.407056339	0.136616851
##	54	Ens0021	3.413485	1.8800782	1.258399	4.096986	0.050282155	0.355853512
##	58	Ens0025	3.350143	1.9461081	3.279522	4.181739	0.066043472	0.169632446
##	63	Ens002c	4.139008	1.1281079	3.547079	4.134375	0.244521597	0.009788397
##	71	Ens0021	2.932947	0.7477712	1.831925	4.195264	0.289192423	0.286675292
##	831	Ens0033	4.018187	0.5273226	1.909866	3.141820	0.307831038	0.732125360
##	982	Ens003n	2.198085	0.5633625	3.924040	3.466544	0.164470524	0.927806966
##	119	Ens004f	2.540021	1.6905218	3.815288	2.883017	0.216223215	0.716720667
##	1272	Ens004p	2.611645	0.2312241	3.525178	3.544764	0.404898141	0.784911909
##	129	Ens004u	3.605902	1.5889139	3.422711	4.216441	0.015390032	0.004466797
##	133	Ens0052	3.589244	1.2448510	3.329605	3.730998	0.386698182	0.898498079
##	138	Ens005b	3.698410	0.7041460	1.222736	4.117172	0.333813628	0.904453492
##	146	Ens005o	3.980168	0.7545199	3.351804	3.746669	0.415115530	0.079070393
##	1581	Ens006b	4.157682	1.6781551	1.633341	3.363984	0.474215186	0.472227814
##	1732	Ens006v	2.518592	1.5521430	2.715386	2.941086	0.156200717	0.806016516
##	47	Ens001t	2.030426	1.0621521	3.576688	3.857397	0.179394559	0.886129638
##	511	Ens001x	2.159459	1.7633988	2.488995	4.352666	0.270902946	0.829827867
##	122	Ens004j	2.044590	1.7306545	1.674573	3.203746	0.255850995	0.465549409
##	1261	Ens004o	4.397206	1.2853306	3.840327	3.456161	0.452680634	0.586140484
##	12	Ens000g	2.437451	1.2388599	3.017311	3.186390	0.114864969	0.955135484
##	15	Ens0001	3.683074	0.9193103	2.566035	4.212028	0.440488841	0.601587681
##	37	Ens001e	4.051697	1.2988308	3.033422	4.366144	0.385722081	0.245652592
##	41	Ens001i	2.528103	1.5219974	1.561542	4.028973	0.108235236	0.982897469
##	48	Ens001u	3.319677	1.9894475	2.632015	3.960850	0.365763586	0.666299699
##	523	Ens001y	3.639286	0.3698671	1.239866	4.289255	0.407056339	0.136616851
##	60	Ens0028	2.138568	0.3045929	1.990781	4.443901	0.434472990	0.540343877
##	61	Ens002a	2.702201	0.1639115	1.532716	3.774732	0.008118995	0.797794944
##	631	Ens002c	4.139008	1.1281079	3.547079	4.134375	0.244521597	0.009788397
##	87	Ens0038	3.755203	0.4802182	3.095399	2.942950	0.412451863	0.691483633
##	90	Ens003b	3.646500	1.8330619	3.463652	2.893255	0.380628229	0.833012941
##	112	Ens0047	3.978699	1.8970166	2.404641	2.825740	0.200771791	0.411282608
##	116	Ens004b	2.961424	1.5338186	3.063296	3.760092	0.267648159	0.223468033
##	123	Ens0041	3.013786	0.4493315	2.872331	4.283691	0.034389562	0.679638526
##	1273	Ens004p	2.611645	0.2312241	3.525178	3.544764	0.404898141	0.784911909
##	135	Ens0056	4.294945	0.3923588	3.248463	4.021082	0.054718923	0.114298288
##	136	Ens0057	4.444412	1.4175772	2.938273	3.794225	0.023355641	0.302167815
##	1381	Ens005b	3.698410	0.7041460	1.222736	4.117172	0.333813628	0.904453492
##	162	Ens006h	2.951622	0.6044844	3.125893	3.398549	0.199605189	0.305285417
##	165	Ens0061	3.264894	0.7146529	2.428498	3.428564	0.036190931	0.893024088
##	4	Ens0005	3.101044	0.8381587	2.672335	4.389348	0.155608990	0.598271408
##	53	Ens0006	3.491024	0.9420883	2.821438	3.489667	0.456822591	0.987510856
##	101	Ens000d	3.532799	1.8482985	2.079599	3.261650	0.499322304	0.349017925
##	581	Ens0025	3.350143	1.9461081	3.279522	4.181739	0.066043472	0.169632446
##	79	Ens002y	3.130688	0.1404647	1.995894	3.718921	0.445548208	0.403516334
##	801	Ens002z	2.761975	0.3162254	1.482330	3.323739	0.420485519	0.088348298
##	851	Ens0035	3.333314	0.9457876	2.655302	2.800690	0.039154915	0.146565678
##	1331	Ens0052	3.589244	1.2448510	3.329605	3.730998	0.386698182	0.898498079
##	154	Ens0066	3.473757	1.0129500	2.238146	4.482203	0.408286243	0.704927041
##	1551	Ens0067	2.407209	1.9825002	3.455456	3.538786	0.259982190	0.342695165
##	1601	Ens006e	3.777752	0.2925160	3.671799	3.583640	0.099311265	0.556319024
##	29	Ens0015	4.257234	0.2546335	2.105053	2.952422	0.092079623	0.288002394
##	312	Ens0017	2.743936	1.8295399	1.869184	2.919996	0.029116023	0.531720352
##	411	Ens001i	2.528103	1.5219974	1.561542	4.028973	0.108235236	0.982897469
##	441	Ens001n	4.269396	1.7821788	1.367932	3.437598	0.191072936	0.615563949
##	541	Ens0021	3.413485	1.8800782	1.258399	4.096986	0.050282155	0.355853512



##	582	Ens0025	3.350143	1.9461081	3.279522	4.181739	0.066043472	0.169632446
##	611	Ens002a	2.702201	0.1639115	1.532716	3.774732	0.008118995	0.797794944
##	104	Ens003w	4.464644	0.6104263	2.163101	3.801472	0.021538691	0.712448030
##	1062	Ens003y	4.287566	0.7805295	3.174946	4.381494	0.454381513	0.841847174
##	1161	Ens004b	2.961424	1.5338186	3.063296	3.760092	0.267648159	0.223468033
##	1191	Ens004f	2.540021	1.6905218	3.815288	2.883017	0.216223215	0.716720667
##	1291	Ens004u	3.605902	1.5889139	3.422711	4.216441	0.015390032	0.004466797
##	1332	Ens0052	3.589244	1.2448510	3.329605	3.730998	0.386698182	0.898498079
##	1361	Ens0057	4.444412	1.4175772	2.938273	3.794225	0.023355641	0.302167815
##	3	Ens0004	2.646251	1.6588382	1.969208	4.347072	0.209095641	0.083196412
##	20	Ens000t	4.188374	1.3059166	2.313389	3.015031	0.336602403	0.967735588
##	26	Ens0012	2.123677	1.3393096	2.891536	2.869989	0.326396517	0.200503337
##	301	Ens0016	2.375512	0.7675774	3.732557	2.981851	0.280224886	0.736047395
##	36	Ens001d	3.839972	0.3560057	3.312047	4.109098	0.362885552	0.624099535
##	481	Ens001u	3.319677	1.9894475	2.632015	3.960850	0.365763586	0.666299699
##	49	Ens001v	4.459571	1.4044974	2.151039	3.450479	0.357120199	0.701313274
##	542	Ens0021	3.413485	1.8800782	1.258399	4.096986	0.050282155	0.355853512
##	701	Ens002k	2.343398	1.3223679	3.059094	4.244321	0.233460390	0.595413435
##	741	Ens002p	3.026365	1.1660003	3.430316	2.840932	0.484503742	0.041437434
##	78	Ens002x	3.946994	1.0091930	1.588471	4.282355	0.473446449	0.639008711
##	95	Ens003i	2.656434	1.7895167	1.409372	3.423146	0.439403657	0.880314201
##	1011	Ens003s	2.212080	0.1301903	2.598741	4.099413	0.137466133	0.337517261
##	1051	Ens003x	2.970406	1.3547153	3.955121	4.075730	0.464143827	0.253519459
##	111	Ens0046	4.219557	0.5537027	1.429022	4.361633	0.395304503	0.501342474
##	1231	Ens0041	3.013786	0.4493315	2.872331	4.283691	0.034389562	0.679638526
##	124	Ens004m	2.172950	1.0995397	2.248863	3.503398	0.355269914	0.960485430
##	1292	Ens004u	3.605902	1.5889139	3.422711	4.216441	0.015390032	0.004466797
##	1451	Ens0051	2.187678	0.6991336	2.060214	3.671102	0.041601373	0.670059141
##	1491	Ens005t	3.512377	0.3345124	3.271220	2.974736	0.492563752	0.581766794
##	153	Ens0064	4.412524	0.6447756	3.535024	4.343116	0.231079711	0.140617295
##	170	Ens006s	4.315095	1.5956718	2.529292	4.151295	0.449041470	0.979417178
##		ns	p_home_weekend		alphaTH	etaTH	alphaEP	alphaIID
##	57	83.60273	0.897289418	0.91822937	0.01732034	-2.128358	-13.226971	
##	132	99.49186	0.620871077	0.83457564	0.02547042	-3.145595	-4.827573	
##	23	34.54763	0.527152032	0.43172712	0.03441755	-3.562856	-3.643365	
##	27	93.42772	0.167650344	0.75687180	0.02177790	-1.956334	-5.058669	
##	98	97.11156	0.662426045	0.63749513	0.02995208	-3.081530	-4.709663	
##	102	54.09650	0.972484945	-0.27367220	0.05031950	-2.054444	-6.747432	
##	173	98.13308	0.326890736	0.69924408	0.02737077	-1.771450	-5.513472	
##	10	53.38185	0.322918800	0.92754984	0.02520643	-2.955601	-10.219183	
##	21	78.17072	0.510264545	0.23045363	0.03797162	-2.413282	-2.326730	
##	72	91.76996	0.777969878	-0.53060923	0.04277037	-2.252594	-14.665146	
##	85	84.80266	0.437147931	-0.44519701	0.04464955	-3.406307	-7.991108	
##	96	22.25539	0.566978730	0.83531427	0.01689216	-1.862136	-4.985105	
##	147	93.76649	0.773052355	-0.16129350	0.03363586	-3.186939	-12.790422	
##	160	51.68725	0.960140914	1.04519055	0.02127280	-3.006407	-5.282568	
##	171	88.55803	0.115961692	0.34821187	0.02908449	-2.690683	-3.691021	
##	231	34.54763	0.527152032	0.43172712	0.03441755	-3.562856	-3.643365	
##	981	97.11156	0.662426045	0.63749513	0.02995208	-3.081530	-4.709663	
##	1731	98.13308	0.326890736	0.69924408	0.02737077	-1.771450	-5.513472	
##	211	78.17072	0.510264545	0.23045363	0.03797162	-2.413282	-2.326730	
##	51	88.22107	0.100799507	0.01647557	0.04214075	-2.991586	-7.605119	
##	52	43.03542	0.190781640	0.53496620	0.02774250	-2.555564	-13.718368	
##	571	83.60273	0.897289418	0.91822937	0.01732034	-2.128358	-13.226971	
##	65	44.48783	0.694083902	-0.58361868	0.06930613	-2.872115	-4.276510	
##	66	89.31146	0.579223313	0.90147583	0.02180843	-3.241721	-11.239677	
##	961	22.25539	0.566978730	0.83531427	0.01689216	-1.862136	-4.985105	
##	126	15.72451	0.589595080	0.41300364	0.03864150	-3.090691	-16.609329	
##	127	74.16553	0.466655223	0.19809736	0.04629855	-3.432094	-3.784292	
##	1321	99.49186	0.620871077	0.83457564	0.02547042	-3.145595	-4.827573	
##	140	81.86775	0.183787625	0.01087946	0.04822814	-2.356385	-4.768330	
##	141	67.38880	0.687153866	0.89895016	0.02029268	-2.378091	-3.355669	
##	1711	88.55803	0.115961692	0.34821187	0.02908449	-2.690683	-3.691021	
##	521	43.03542	0.190781640	0.53496620	0.02774250	-2.555564	-13.718368	
##	1271	74.16553	0.466655223	0.19809736	0.04629855	-3.432094	-3.784292	
##	212	78.17072	0.510264545	0.23045363	0.03797162	-2.413282	-2.326730	
##	62	60.04045	0.816587225	0.82381081	0.02718484	-3.299337	-15.952495	
##	651	44.48783	0.694083902	-0.58361868	0.06930613	-2.872115	-4.276510	
##	69	28.20489	0.379979529	-0.36311813	0.05205482	-2.963206	-4.568559	
##	962	22.25539	0.566978730	0.83531427	0.01689216	-1.862136	-4.985105	

##	137	21.43789	0.769990543	0.29141453	0.03630741	-2.227408	-11.334290
##	1401	81.86775	0.183787625	0.01087946	0.04822814	-2.356385	-4.768330
##	144	68.57438	0.152827642	0.03265946	0.03762865	-2.974168	-14.581104
##	1712	88.55803	0.115961692	0.34821187	0.02908449	-2.690683	-3.691021
##	31	82.14734	0.657974238	0.32476786	0.02805748	-1.947765	-3.183254
##	75	26.97726	0.482343132	1.31092701	0.01773918	-3.372532	-5.232798
##	106	64.20815	0.477358998	-1.21424830	0.08441056	-2.151296	-7.535758
##	150	62.73390	0.791669225	1.01384620	0.02272963	-3.925702	-19.365382
##	8	90.73075	0.978027255	1.00679553	0.02143288	-4.322224	-4.595642
##	13	92.11264	0.698555996	1.30685281	0.01573665	-2.987240	-12.978055
##	19	31.27372	0.574850614	0.02401476	0.03899448	-2.598911	-3.437420
##	30	86.78740	0.199280596	0.58786003	0.02720652	-3.395689	-19.880840
##	311	82.14734	0.657974238	0.32476786	0.02805748	-1.947765	-3.183254
##	33	59.92939	0.931338335	0.54498300	0.03318651	-1.447393	-12.508031
##	40	37.06886	0.023862922	1.53817563	0.01130825	-2.794864	-6.722708
##	56	30.04651	0.551823267	0.39743987	0.03163506	-2.673594	-16.303396
##	691	28.20489	0.379979529	-0.36311813	0.05205482	-2.963206	-4.568559
##	74	36.55773	0.319758458	0.86736029	0.02216482	-1.579568	-13.940155
##	83	91.26923	0.025745295	0.65524830	0.02642157	-2.792973	-8.771549
##	88	69.75024	0.689982615	0.15522605	0.03485195	-3.181371	-5.843552
##	94	42.01052	0.619377642	-0.06789682	0.04718631	-3.037741	-16.492684
##	105	27.56691	0.738200570	0.01706609	0.04498691	-3.086337	-13.475877
##	1061	64.20815	0.477358998	-1.21424830	0.08441056	-2.151296	-7.535758
##	108	46.84759	0.001073243	1.34473329	0.01762402	-2.663655	-14.910316
##	115	95.82042	0.812004716	0.19424822	0.03857472	-2.003434	-4.537933
##	131	14.70567	0.209876909	0.52962222	0.02750135	-1.318255	-3.688272
##	1441	68.57438	0.152827642	0.03265946	0.03762865	-2.974168	-14.581104
##	149	77.88501	0.138538789	0.55301718	0.03459818	-2.271142	-2.299776
##	158	85.10734	0.677276925	-0.40315119	0.05089208	-2.988451	-19.661272
##	163	29.78571	0.822978716	1.13920122	0.02087527	-3.189126	-5.787964
##	169	73.32727	0.563730340	0.66988125	0.02956427	-4.083290	-4.865766
##	5	69.99191	0.091302317	0.54318080	0.03188697	-2.979569	-6.057135
##	621	60.04045	0.816587225	0.82381081	0.02718484	-3.299337	-15.952495
##	652	44.48783	0.694083902	-0.58361868	0.06930613	-2.872115	-4.276510
##	68	13.68761	0.710905512	-0.18129069	0.04413146	-2.376475	-14.228790
##	70	15.98549	0.959034619	0.74173314	0.00981077	-2.967636	-7.907315
##	80	76.66229	0.224168570	1.46953343	0.01394032	-1.970863	-4.839403
##	1371	21.43789	0.769990543	0.29141453	0.03630741	-2.227408	-11.334290
##	1402	81.86775	0.183787625	0.01087946	0.04822814	-2.356385	-4.768330
##	143	43.72378	0.034082838	0.94799307	0.02084981	-2.754659	-8.189079
##	145	17.08727	0.086568123	0.70762011	0.02612200	-3.292248	-6.185040
##	155	20.31704	0.735291248	0.90963944	0.02296253	-3.671711	-9.403604
##	81	90.73075	0.978027255	1.00679553	0.02143288	-4.322224	-4.595642
##	232	34.54763	0.527152032	0.43172712	0.03441755	-3.562856	-3.643365
##	44	57.15992	0.834128212	0.14553950	0.04914103	-4.091449	-6.928070
##	522	43.03542	0.190781640	0.53496620	0.02774250	-2.555564	-13.718368
##	54	77.17701	0.122640890	0.58273976	0.03319624	-3.179933	-3.775092
##	58	71.67751	0.799009708	0.47728833	0.02927238	-2.346669	-17.456308
##	63	21.14658	0.404182280	0.61646142	0.02786628	-3.138850	-3.076412
##	71	73.48028	0.428637232	0.29909030	0.03898750	-3.133310	-11.805383
##	831	91.26923	0.025745295	0.65524830	0.02642157	-2.792973	-8.771549
##	982	97.11156	0.662426045	0.63749513	0.02995208	-3.081530	-4.709663
##	119	61.20162	0.648142856	0.27069439	0.03724377	-2.847842	-5.092642
##	1272	74.16553	0.466655223	0.19809736	0.04629855	-3.432094	-3.784292
##	129	49.49143	0.178740174	0.90677774	0.02276900	-3.285972	-18.605976
##	133	35.95416	0.452982265	0.04239565	0.03921706	-2.974877	-7.315202
##	138	28.66469	0.522148292	-0.29655977	0.05108491	-3.359662	-5.120666
##	146	70.85907	0.922469665	0.08499990	0.03544691	-3.596825	-4.294708
##	1581	85.10734	0.677276925	-0.40315119	0.05089208	-2.988451	-19.661272
##	1732	98.13308	0.326890736	0.69924408	0.02737077	-1.771450	-5.513472
##	47	52.34682	0.255355864	0.62288511	0.02782158	-1.277543	-4.030432
##	511	88.22107	0.100799507	0.01647557	0.04214075	-2.991586	-7.605119
##	122	59.45339	0.491930077	1.21277113	0.02080961	-2.927055	-13.811378
##	1261	15.72451	0.589595080	0.41300364	0.03864150	-3.090691	-16.609329
##	12	68.92522	0.945573669	0.70798514	0.02825337	-1.319351	-15.845087
##	15	11.63525	0.703547858	0.85801228	0.02506244	-2.428572	-3.372478
##	37	84.07679	0.724730882	0.10259506	0.04775358	-3.231749	-2.954389
##	41	67.78786	0.261705345	0.73198710	0.03289529	-4.022057	-10.136617
##	48	41.49100	0.967606708	0.73963112	0.02810340	-2.168817	-14.066915
##	523	43.03542	0.190781640	0.53496620	0.02774250	-2.555564	-13.718368

##	60	47.86052	0.514468033	0.69605059	0.02484218	-3.612344	-16.395451
##	61	10.73438	0.607751577	0.69821804	0.02931481	-2.417288	-4.370881
##	631	21.14658	0.404182280	0.61646142	0.02786628	-3.138850	-3.076412
##	87	42.40977	0.626846490	-0.22477284	0.04001831	-2.097808	-3.314777
##	90	16.64337	0.914459696	0.85713910	0.02413456	-3.839005	-12.456186
##	112	31.83750	0.729450947	0.02845301	0.04346840	-2.667474	-5.038554
##	116	52.74488	0.987578241	0.76105738	0.03084199	-1.883716	-4.951557
##	123	72.74513	0.358099911	0.63833313	0.03037089	-2.533902	-3.012496
##	1273	74.16553	0.466655223	0.19809736	0.04629855	-3.432094	-3.784292
##	135	47.71042	0.570582585	0.62116833	0.02633996	-1.732164	-17.353988
##	136	83.28343	0.901597308	0.46265821	0.03791059	-1.513032	-9.833605
##	1381	28.66469	0.522148292	-0.29655977	0.05108491	-3.359662	-5.120666
##	162	14.50471	0.518600733	0.90986185	0.02634954	-1.610667	-4.399935
##	165	91.51867	0.055634021	0.50849075	0.02763383	-4.127325	-5.217134
##	4	95.57767	0.904148384	0.08084175	0.04001031	-2.264114	-2.034088
##	53	69.99191	0.091302317	0.54318080	0.03188697	-2.979569	-6.057135
##	101	53.38185	0.322918800	0.92754984	0.02520643	-2.955601	-10.219183
##	581	71.67751	0.799009708	0.47728833	0.02927238	-2.346669	-17.456308
##	79	36.65976	0.940205155	0.53727653	0.02827836	-3.224982	-3.254106
##	801	76.66229	0.224168570	1.46953343	0.01394032	-1.970863	-4.839403
##	851	84.80266	0.4371147931	-0.44519701	0.04464955	-3.406307	-7.991108
##	1331	35.95416	0.452982265	0.04239565	0.03921706	-2.974877	-7.315202
##	154	78.65500	0.298094792	0.12458045	0.04514875	-1.451810	-5.739915
##	1551	20.31704	0.735291248	0.90963944	0.02296253	-3.671711	-9.403604
##	1601	51.68725	0.960140914	1.04519055	0.02127280	-3.006407	-5.282568
##	29	60.70847	0.499148854	1.09686553	0.02067460	-2.115441	-7.650267
##	312	82.14734	0.657974238	0.32476786	0.02805748	-1.947765	-3.183254
##	411	67.78786	0.261705345	0.73198710	0.03289529	-4.022057	-10.136617
##	441	57.15992	0.834128212	0.14553950	0.04914103	-4.091449	-6.928070
##	541	77.17701	0.122640890	0.58273976	0.03319624	-3.179933	-3.775092
##	582	71.67751	0.799009708	0.47728833	0.02927238	-2.346669	-17.456308
##	611	10.73438	0.607751577	0.69821804	0.02931481	-2.417288	-4.370881
##	104	49.03747	0.938732373	-0.35931761	0.04658555	-3.053883	-4.971606
##	1062	64.20815	0.477358998	-1.21424830	0.08441056	-2.151296	-7.535758
##	1161	52.74488	0.987578241	0.76105738	0.03084199	-1.883716	-4.951557
##	1191	61.20162	0.648142856	0.27069439	0.03724377	-2.847842	-5.092642
##	1291	49.49143	0.178740174	0.90677774	0.02276900	-3.285972	-18.605976
##	1332	35.95416	0.452982265	0.04239565	0.03921706	-2.974877	-7.315202
##	1361	83.28343	0.901597308	0.46265821	0.03791059	-1.513032	-9.833605
##	3	51.00591	0.749302535	-0.19460614	0.04411861	-3.918644	-11.809591
##	20	38.55911	0.760946195	1.46396648	0.01085325	-2.651003	-10.112209
##	26	52.05831	0.665574479	0.58719311	0.03445782	-2.924287	-5.749060
##	301	86.78740	0.199280596	0.58786003	0.02720652	-3.395689	-19.880840
##	36	99.13021	0.232711273	0.08359009	0.04412456	-2.759097	-4.327656
##	481	41.49100	0.967606708	0.73963112	0.02810340	-2.168817	-14.066915
##	49	63.40924	0.215019478	-0.48000178	0.03951601	-4.056840	-18.410228
##	542	77.17701	0.122640890	0.58273976	0.03319624	-3.179933	-3.775092
##	701	15.98549	0.959034619	0.74173314	0.00981077	-2.967636	-7.907315
##	741	36.55773	0.319758458	0.86736029	0.02216482	-1.579568	-13.940155
##	78	98.62705	0.764418980	1.45000494	0.01377320	-1.932870	-17.480957
##	95	57.88749	0.207831603	0.29123196	0.03597125	-1.309907	-3.608377
##	1011	18.52230	0.293045720	0.32484743	0.03089783	-3.094125	-10.986480
##	1051	27.56691	0.738200570	0.01706609	0.04498691	-3.086337	-13.475877
##	111	40.11095	0.881821953	1.30126424	0.01345097	-2.555775	-12.198108
##	1231	72.74513	0.358099911	0.63833313	0.03037089	-2.533902	-3.012496
##	124	85.62929	0.368535418	-0.79228268	0.05539753	-2.600835	-17.196546
##	1292	49.49143	0.178740174	0.90677774	0.02276900	-3.285972	-18.605976
##	1451	17.08727	0.086568123	0.70762011	0.02612200	-3.292248	-6.185040
##	1491	77.88501	0.138538789	0.55301718	0.03459818	-2.271142	-2.299776
##	153	87.07388	0.168155812	1.26330743	0.01707337	-2.148010	-4.945880
##	170	55.83589	0.844047285	0.64805493	0.02138210	-2.420078	-3.306735
##		alphaHD	alphaIH	eta	repeats	deaths	
##	57	-2.364539	-3.158680	0.02372857	1	9	
##	132	-9.960455	-2.821703	0.02683268	1	4	
##	23	-16.299230	-2.176524	0.02472747	10	2	
##	27	-5.755424	-3.598780	0.02370823	10	60	
##	98	-18.675454	-3.081765	0.02592473	1	4	
##	102	-3.735576	-3.486280	0.02328368	1	121	
##	173	-4.287681	-3.345665	0.02155589	1	21	
##	10	-3.969437	-3.906466	0.03152573	10	10	

## 21	-2.430536	-2.657106	0.02086380	10	166
## 72	-2.964933	-2.445654	0.02002964	1	30
## 85	-2.812495	-2.403692	0.02652248	1	193
## 96	-3.238751	-3.343864	0.01921629	1	78
## 147	-3.790253	-3.475338	0.03229531	1	3
## 160	-1.446362	-1.180856	0.01330864	1	193
## 171	-13.242259	-2.591947	0.02335350	1	34
## 231	-16.299230	-2.176524	0.02472747	10	2
## 981	-18.675454	-3.081765	0.02592473	1	4
## 1731	-4.287681	-3.345665	0.02155589	1	21
## 211	-2.430536	-2.657106	0.02086380	10	166
## 51	-2.229784	-2.867433	0.02644705	1	3
## 52	-1.419427	-1.242452	0.01161460	1	971
## 571	-2.364539	-3.158680	0.02372857	1	9
## 65	-5.292868	-3.786223	0.03001363	1	173
## 66	-3.241600	-3.020372	0.02801050	1	141
## 961	-3.238751	-3.343864	0.01921629	1	78
## 126	-3.243155	-1.874855	0.02119967	1	6
## 127	-9.008524	-2.514382	0.02477775	1	22
## 1321	-9.960455	-2.821703	0.02683268	1	4
## 140	-4.682775	-1.958377	0.01597444	1	40
## 141	-11.370317	-1.938559	0.01523597	1	10
## 1711	-13.242259	-2.591947	0.02335350	1	34
## 521	-1.419427	-1.242452	0.01161460	1	971
## 1271	-9.008524	-2.514382	0.02477775	1	22
## 212	-2.430536	-2.657106	0.02086380	10	166
## 62	-4.346511	-3.880811	0.03393465	1	67
## 651	-5.292868	-3.786223	0.03001363	1	173
## 69	-2.255815	-1.023311	0.01284512	1	22
## 962	-3.238751	-3.343864	0.01921629	1	78
## 137	-2.214219	-2.370348	0.02006073	1	50
## 1401	-4.682775	-1.958377	0.01597444	1	40
## 144	-2.219620	-1.319930	0.01470370	1	53
## 1712	-13.242259	-2.591947	0.02335350	1	34
## 31	-17.753070	-1.446241	0.01077555	10	114
## 75	-10.671476	-3.844763	0.03081921	1	2
## 106	-2.341060	-2.764088	0.02181794	1	70
## 150	-2.790920	-2.453019	0.02831017	1	32
## 8	-3.138354	-2.679567	0.03028746	10	121
## 13	-4.054924	-4.167168	0.03499876	10	2
## 19	-18.742826	-2.581911	0.01979302	10	609
## 30	-2.739318	-3.105676	0.03077747	10	8
## 311	-17.753070	-1.446241	0.01077555	10	114
## 33	-1.750601	-2.152343	0.01148316	10	19
## 40	-4.519353	-3.795312	0.03307531	1	145
## 56	-1.634816	-1.681670	0.01677213	1	870
## 691	-2.255815	-1.023311	0.01284512	1	22
## 74	-2.411371	-3.221037	0.01908712	1	32
## 83	-3.609180	-2.606774	0.02319197	1	272
## 88	-9.785326	-4.592411	0.03582305	1	49
## 94	-4.001548	-3.386121	0.03217838	1	3
## 105	-3.140088	-2.212388	0.02505906	1	1
## 1061	-2.341060	-2.764088	0.02181794	1	70
## 108	-2.453622	-2.745407	0.02516648	1	26
## 115	-13.232833	-3.305512	0.02252676	1	427
## 131	-10.519920	-2.351242	0.01131452	1	23
## 1441	-2.219620	-1.319930	0.01470370	1	53
## 149	-5.357671	-3.096700	0.02462365	1	6160
## 158	-2.585318	-2.337479	0.02383455	1	170
## 163	-12.131555	-3.473268	0.03184145	1	1
## 169	-12.200573	-3.452494	0.03789292	1	118
## 5	-12.180842	-4.514898	0.03810175	10	104
## 621	-4.346511	-3.880811	0.03393465	1	67
## 652	-5.292868	-3.786223	0.03001363	1	173
## 68	-4.242270	-3.339861	0.02702754	1	63
## 70	-3.396051	-2.733637	0.02573285	1	1
## 80	-15.490308	-3.053340	0.01877637	1	581
## 1371	-2.214219	-2.370348	0.02006073	1	50
## 1402	-4.682775	-1.958377	0.01597444	1	40
## 143	-2.361138	-1.352779	0.01535583	1	66

## 145	-4.485778	-2.469124	0.02525704	1	1
## 155	-3.059058	-2.519397	0.02762546	1	0
## 81	-3.138354	-2.679567	0.03028746	10	121
## 232	-16.299230	-2.176524	0.02472747	10	2
## 44	-2.744518	-2.539873	0.02991244	1	90
## 522	-1.419427	-1.242452	0.01161460	1	971
## 54	-3.347300	-2.461494	0.02564803	1	189
## 58	-2.563268	-1.881789	0.01810921	1	14
## 63	-12.527477	-2.073381	0.02005546	1	221
## 71	-2.086219	-1.691522	0.01855225	1	42
## 831	-3.609180	-2.606774	0.02319197	1	272
## 982	-18.675454	-3.081765	0.02592473	1	4
## 119	-8.907056	-3.424027	0.03025151	1	6
## 1272	-9.008524	-2.514382	0.02477775	1	22
## 129	-3.520163	-3.028504	0.02658779	1	9
## 133	-4.322105	-3.813215	0.03099073	1	4
## 138	-14.473798	-3.655932	0.03285125	1	282
## 146	-8.271539	-3.569506	0.03468413	1	826
## 1581	-2.585318	-2.337479	0.02383455	1	170
## 1732	-4.287681	-3.345665	0.02155589	1	21
## 47	-8.245695	-3.121002	0.01511153	1	6
## 511	-2.229784	-2.867433	0.02644705	1	3
## 122	-3.319064	-1.552257	0.01814151	1	2
## 1261	-3.243155	-1.874855	0.02119967	1	6
## 12	-2.376905	-2.491921	0.01273332	10	7
## 15	-5.722260	-1.869735	0.01576804	10	46
## 37	-7.846509	-1.922858	0.02121423	1	193
## 41	-3.424038	-3.335090	0.03574543	1	3
## 48	-1.956196	-1.977821	0.01768789	1	15
## 523	-1.419427	-1.242452	0.01161460	1	971
## 60	-2.395025	-1.574604	0.01846261	1	2
## 61	-8.788160	-2.386449	0.02076020	1	68
## 631	-12.527477	-2.073381	0.02005546	1	221
## 87	-8.027519	-2.000538	0.01580755	1	934
## 90	-3.340067	-2.346438	0.02767838	1	2
## 112	-11.786239	-3.857766	0.03012876	1	241
## 116	-16.323699	-3.990983	0.02341876	1	34
## 123	-7.038756	-2.901673	0.02147777	1	240
## 1273	-9.008524	-2.514382	0.02477775	1	22
## 135	-3.673179	-3.089083	0.01980450	1	148
## 136	-2.074867	-2.471695	0.01598690	1	307
## 1381	-14.473798	-3.655932	0.03285125	1	282
## 162	-5.178362	-2.774643	0.01843825	1	74
## 165	-4.914860	-3.874093	0.03767066	1	152
## 4	-11.777196	-1.601891	0.01254105	10	289
## 53	-12.180842	-4.514898	0.03810175	10	104
## 101	-3.969437	-3.906466	0.03152573	10	10
## 581	-2.563268	-1.881789	0.01810921	1	14
## 79	-2.975847	-1.668906	0.01959605	1	264
## 801	-15.490308	-3.053340	0.01877637	1	581
## 851	-2.812495	-2.403692	0.02652248	1	193
## 1331	-4.322105	-3.813215	0.03099073	1	4
## 154	-2.482888	-3.107621	0.01596771	1	77
## 1551	-3.059058	-2.519397	0.02762546	1	0
## 1601	-1.446362	-1.180856	0.01330864	1	193
## 29	-2.378278	-3.097329	0.02212827	10	1573
## 312	-17.753070	-1.446241	0.01077555	10	114
## 411	-3.424038	-3.335090	0.03574543	1	3
## 441	-2.744518	-2.539873	0.02991244	1	90
## 541	-3.347300	-2.461494	0.02564803	1	189
## 582	-2.563268	-1.881789	0.01810921	1	14
## 611	-8.788160	-2.386449	0.02076020	1	68
## 104	-4.185698	-3.154751	0.03126202	1	1071
## 1062	-2.341060	-2.764088	0.02181794	1	70
## 1161	-16.323699	-3.990983	0.02341876	1	34
## 1191	-8.907056	-3.424027	0.03025151	1	6
## 1291	-3.520163	-3.028504	0.02658779	1	9
## 1332	-4.322105	-3.813215	0.03099073	1	4
## 1361	-2.074867	-2.471695	0.01598690	1	307
## 3	-3.423265	-2.771894	0.03167488	10	4

##	20	-2.800598	-2.245594	0.02212299	10	172
##	26	-4.937576	-4.348535	0.03333097	10	8
##	301	-2.739318	-3.105676	0.03077747	10	8
##	36	-5.950847	-2.639187	0.02309248	10	280
##	481	-1.956196	-1.977821	0.01768789	1	15
##	49	-4.245658	-2.351073	0.03057295	1	61
##	542	-3.347300	-2.461494	0.02564803	1	189
##	701	-3.396051	-2.733637	0.02573285	1	1
##	741	-2.411371	-3.221037	0.01908712	1	32
##	78	-2.495578	-2.591429	0.02071305	1	357
##	95	-12.475986	-2.521102	0.01114278	1	73
##	1011	-4.180273	-2.800528	0.02750386	1	1
##	1051	-3.140088	-2.212388	0.02505906	1	1
##	111	-2.682208	-3.040852	0.02588893	1	572
##	1231	-7.038756	-2.901673	0.02147777	1	240
##	124	-3.703231	-3.875504	0.02802690	1	1
##	1292	-3.520163	-3.028504	0.02658779	1	9
##	1451	-4.485778	-2.469124	0.02525704	1	1
##	1491	-5.357671	-3.096700	0.02462365	1	6160
##	153	-2.337812	-2.060750	0.01674097	1	580
##	170	-4.220775	-2.932510	0.02383250	1	444

```
#train_df <- merge(train_data, totalout, by = "output")
#test_df <- merge(test_data, totalout, by = "output")
nrow(train_df)
```

```
## [1] 175
```

```
head(train_df)
```

##	output	R0	TE	TP	TI1	TI2	nuA	ns
##	1 Ens0000	3.619941	0.8965843	2.012114	4.256211	0.08660611	0.91089575	43.22405
##	2 Ens0003	2.019623	0.6312030	2.618517	3.931700	0.47189408	0.16370945	65.94947
##	3 Ens0004	2.646251	1.6588382	1.969208	4.347072	0.20909564	0.08319641	51.00591
##	4 Ens0005	3.101044	0.8381587	2.672335	4.389348	0.15560899	0.59827141	95.57767
##	5 Ens0006	3.491024	0.9420883	2.821438	3.489667	0.45682259	0.98751086	69.99191
##	6 Ens0007	3.162247	1.1173583	3.701778	3.315843	0.43650987	0.51348558	45.32275
##	p_home_weekend	alphaTH	etaTH	alphaEP	alphaIID	alphaHD		
##	1	0.03887666	0.78984529	0.02628018	-2.787419	-19.905608	-2.413713	
##	2	0.25178270	-0.20698362	0.06010414	-2.187134	-7.785062	-3.358996	
##	3	0.74930253	-0.19460614	0.04411861	-3.918644	-11.809591	-3.423265	
##	4	0.90414838	0.08084175	0.04001031	-2.264114	-2.034088	-11.777196	
##	5	0.09130232	0.54318080	0.03188697	-2.979569	-6.057135	-12.180842	
##	6	0.99424756	0.28593538	0.04155857	-2.807265	-5.284035	-17.303116	
##	alphaIIH	eta	repeats	deaths				
##	1	-1.978009	0.01982861	10	68			
##	2	-3.042935	0.02285039	10	2			
##	3	-2.771894	0.03167488	10	4			
##	4	-1.601891	0.01254105	10	289			
##	5	-4.514898	0.03810175	10	104			
##	6	-3.285671	0.02630571	10	10			

```
ncol(train_df)
```

```
## [1] 18
```

```
#
head(train_df)
```

##	output	R0	TE	TP	TI1	TI2	nuA	ns
## 1	Ens0000	3.619941	0.8965843	2.012114	4.256211	0.08660611	0.91089575	43.22405
## 2	Ens0003	2.019623	0.6312030	2.618517	3.931700	0.47189408	0.16370945	65.94947
## 3	Ens0004	2.646251	1.6588382	1.969208	4.347072	0.20909564	0.08319641	51.00591
## 4	Ens0005	3.101044	0.8381587	2.672335	4.389348	0.15560899	0.59827141	95.57767
## 5	Ens0006	3.491024	0.9420883	2.821438	3.489667	0.45682259	0.98751086	69.99191
## 6	Ens0007	3.162247	1.1173583	3.701778	3.315843	0.43650987	0.51348558	45.32275
##	p_home_weekend	alphaTH	etaTH	alphaEP	alphaIID	alphaHD		
## 1	0.03887666	0.78984529	0.02628018	-2.787419	-19.905608	-2.413713		
## 2	0.25178270	-0.20698362	0.06010414	-2.187134	-7.785062	-3.358996		
## 3	0.74930253	-0.19460614	0.04411861	-3.918644	-11.809591	-3.423265		
## 4	0.90414838	0.08084175	0.04001031	-2.264114	-2.034088	-11.777196		
## 5	0.09130232	0.54318080	0.03188697	-2.979569	-6.057135	-12.180842		
## 6	0.99424756	0.28593538	0.04155857	-2.807265	-5.284035	-17.303116		
##	alphaIID	eta	repeats	deaths				
## 1	-1.978009	0.01982861	10	68				
## 2	-3.042935	0.02285039	10	2				
## 3	-2.771894	0.03167488	10	4				
## 4	-1.601891	0.01254105	10	289				
## 5	-4.514898	0.03810175	10	104				
## 6	-3.285671	0.02630571	10	10				

```
head(test_df)
```

##	output	R0	TE	TP	TI1	TI2	nuA	ns
## 1	Ens0001	2.256901	1.0013586	3.347003	4.017073	0.04740412	0.13505592	22.10835
## 2	Ens0002	4.471906	0.6865335	1.275293	3.874407	0.24169037	0.48421457	87.49681
## 3	Ens0009	4.373849	1.2019725	3.146869	2.835552	0.39396266	0.46129330	81.27855
## 4	Ens000b	2.918457	0.4660571	2.440919	2.831780	0.17754193	0.57630075	28.96102
## 5	Ens000e	3.592691	0.5185605	1.645160	3.395483	0.35124255	0.03237216	55.50925
## 6	Ens000h	3.323238	1.1540794	1.254648	3.078163	0.19260362	0.76758271	63.67739
##	p_home_weekend	alphaTH	etaTH	alphaEP	alphaIID	alphaHD		
## 1	0.6350796	0.5347930	0.03323681	-3.151488	-19.552211	-3.524098		
## 2	0.6006997	-0.1548151	0.03527432	-3.562881	-14.480243	-3.369296		
## 3	0.4159334	0.7398752	0.01415656	-3.544451	-4.877367	-14.655264		
## 4	0.8911074	0.7413939	0.03351855	-3.595750	-4.511304	-13.373945		
## 5	0.8108125	0.9734489	0.02176440	-2.308123	-4.885371	-7.874562		
## 6	0.3443751	0.6580191	0.02767702	-3.717415	-3.516924	-7.301161		
##	alphaIID	eta	repeats	deaths				
## 1	-2.000956	0.02323521	10	1				
## 2	-2.756672	0.03074084	10	737				
## 3	-3.740403	0.03553155	10	544				
## 4	-2.734288	0.02921011	10	94				
## 5	-3.200595	0.02503470	10	1339				
## 6	-2.472350	0.02722426	10	590				

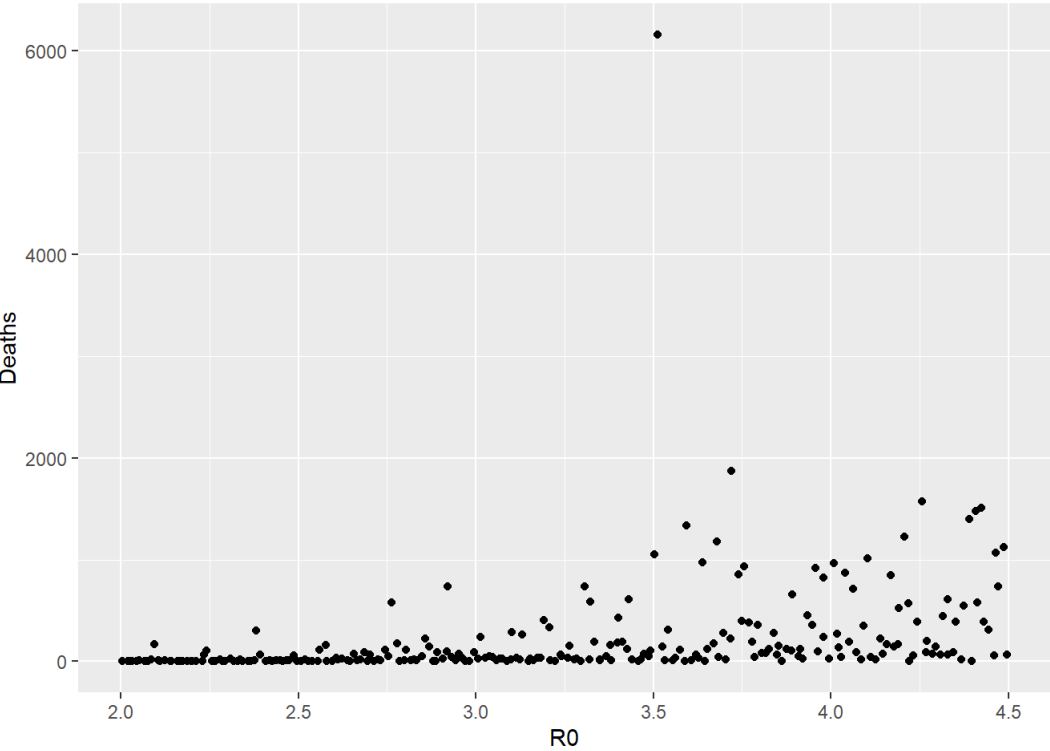
```
#
train_used<-train_df[,c(2:16,18)]
#trused<-head(train_used)
#write.xlsx(trused, file = "name.xlsx", sheetName = "Sheet1")

test_used<-test_df[, (2:16)]
head(test_used)
```

```
##      R0      TE      TP      TI1      TI2      nuA      ns
## 1 2.256901 1.0013586 3.347003 4.017073 0.04740412 0.13505592 22.10835
## 2 4.471906 0.6865335 1.275293 3.874407 0.24169037 0.48421457 87.49681
## 3 4.373849 1.2019725 3.146869 2.835552 0.39396266 0.46129330 81.27855
## 4 2.918457 0.4660571 2.440919 2.831780 0.17754193 0.57630075 28.96102
## 5 3.592691 0.5185605 1.645160 3.395483 0.35124255 0.03237216 55.50925
## 6 3.323238 1.1540794 1.254648 3.078163 0.19260362 0.76758271 63.67739
##  p_home_weekend  alphaTH      etaTH  alphaEP  alphaIH  alphaHD
## 1      0.6350796  0.5347930 0.03323681 -3.151488 -19.552211 -3.524098
## 2      0.6006997 -0.1548151 0.03527432 -3.562881 -14.480243 -3.369296
## 3      0.4159334  0.7398752 0.01415656 -3.544451 -4.877367 -14.655264
## 4      0.8911074  0.7413939 0.03351855 -3.595750 -4.511304 -13.373945
## 5      0.8108125  0.9734489 0.02176440 -2.308123 -4.885371 -7.874562
## 6      0.3443751  0.6580191 0.02767702 -3.717415 -3.516924 -7.301161
##  alphaIH      eta
## 1 -2.000956 0.02323521
## 2 -2.756672 0.03074084
## 3 -3.740403 0.03553155
## 4 -2.734288 0.02921011
## 5 -3.200595 0.02503470
## 6 -2.472350 0.02722426
```

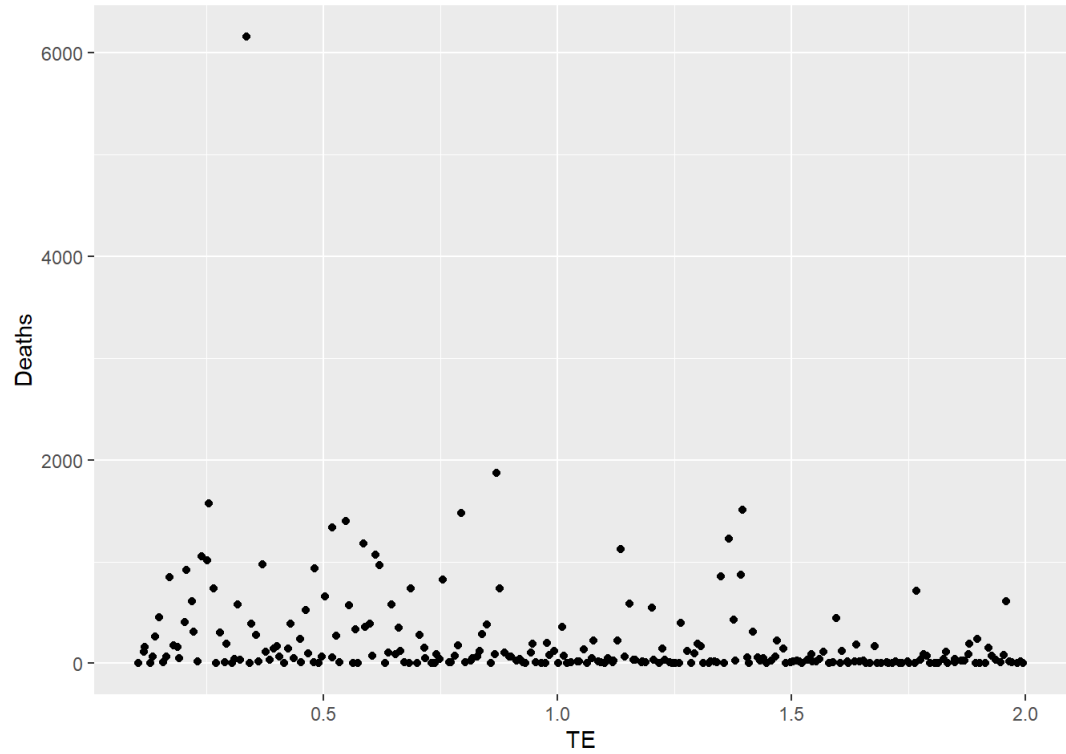
```
test_true<-test_df[,18]
```

```
#
ggplot(data.frame(R0 = covid_inputs$R0, Deaths = totalout$deaths), aes(x = R0, y = Deaths)) +
geom_point()
```



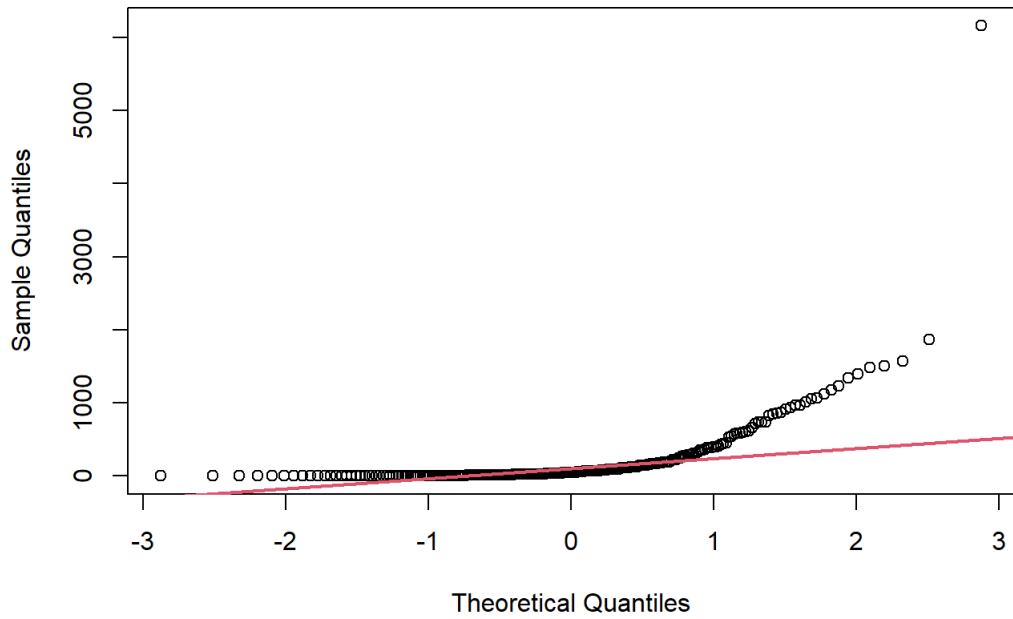
```
ggplot(data.frame(TE = covid_inputs$TE, Deaths = totalout$deaths), aes(x = TE, y = Deaths)) +
geom_point()
```





```
qqnorm(totalout$deaths)
qqline(totalout$deaths, col=2, lwd=2)
```

Normal Q-Q Plot



# Gaussian process试验1

```
library(ggplot2)
library(gstat)
```

```
## Warning:  程辑包'gstat'是用R版本4.1.3 来建造的
```

```
library(sp)
```

```
## Warning: 程辑包 'sp' 是用R版本4.1.3 来建造的
```

```
library(rgdal)
```

```
## Warning: 程辑包 'rgdal' 是用R版本4.1.3 来建造的
```

```
## Please note that rgdal will be retired during 2023,  
## plan transition to sf/stars/terra functions using GDAL and PROJ  
## at your earliest convenience.  
## See https://r-spatial.org/r/2022/04/12/evolution.html and https://github.com/r-spatial/evolution  
## rgdal: version: 1.6-6, (SVN revision 1201)  
## Geospatial Data Abstraction Library extensions to R successfully loaded  
## Loaded GDAL runtime: GDAL 3.4.1, released 2021/12/27  
## Path to GDAL shared files: C:/Users/CHeung/Documents/R/win-library/4.1/rgdal/gdal  
## GDAL binary built with GEOS: TRUE  
## Loaded PROJ runtime: Rel. 7.2.1, January 1st, 2021, [PJ_VERSION: 721]  
## Path to PROJ shared files: C:/Users/CHeung/Documents/R/win-library/4.1/rgdal/proj  
## PROJ CDN enabled: FALSE  
## Linking to sp version:1.6-0  
## To mute warnings of possible GDAL/OSR exportToProj4() degradation,  
## use options("rgdal_show_exportToProj4_warnings"="none") before loading sp or rgdal.
```

```
library(DiceKriging)
```

```
## Warning: 程辑包 'DiceKriging' 是用R版本4.1.3 来建造的
```

```
library(mlrMBO)
```

```
## Warning: 程辑包 'mlrMBO' 是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包: mlr
```

```
## Warning: 程辑包 'mlr' 是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包: ParamHelpers
```

```
## Warning: 程辑包 'ParamHelpers' 是用R版本4.1.3 来建造的
```

```
## Warning message: 'mlr' is in 'maintenance-only' mode since July 2019.  
## Future development will only happen in 'mlr3'  
## (<https://mlr3.ml-org.com>). Due to the focus on 'mlr3' there might be  
## uncaught bugs meanwhile in {mlr} - please consider switching.
```

```
## 载入需要的程辑包: smoof
```

```
## Warning: 程辑包 'smoof' 是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包: checkmate
```

```
## Warning: 程辑包 'checkmate' 是用R版本4.1.3 来建造的
```

```
##  
## 载入程辑包: 'checkmate'
```

```
## The following object is masked from 'package:DiceKriging':  
##  
##      checkNames
```

```
##  
## 载入程辑包: 'smoof'
```

```
## The following object is masked from 'package:rgdal':  
##  
##   getDescription
```

```
library(kernlab)
```

```
## Warning: 程辑包'kernlab'是用R版本4.1.3 来建造的
```

```
##  
## 载入程辑包: 'kernlab'
```

```
## The following object is masked from 'package:ggplot2':  
##  
##   alpha
```

```
library(caret)
```

```
## Warning: 程辑包'caret'是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包: lattice
```

```
##  
## 载入程辑包: 'caret'
```

```
## The following object is masked from 'package:mlr':  
##  
##   train
```

```
library(lmtest)
```

```
## Warning: 程辑包'lmtest'是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包: zoo
```

```
## Warning: 程辑包'zoo'是用R版本4.1.3 来建造的
```

```
##  
## 载入程辑包: 'zoo'
```

```
## The following objects are masked from 'package:base':  
##  
##   as.Date, as.Date.numeric
```

```
library(reticulate)  
library(impl)
```

```
## Warning: 程辑包'impl'是用R版本4.1.3 来建造的
```

```
library(ggcorrplot)
```

```
## Warning: 程辑包'ggcorrplot'是用R版本4.1.3 来建造的
```

```
model <- gausspr(deaths~.,data=train_used)
```

```
## Using automatic sigma estimation (sigest) for RBF or laplace kernel
```

```
model_lm<-lm(deaths~.,data=train_used)
model_glm<-glm(deaths~.,data=train_used)
summary(model_glm)
```

```
##
## Call:
## glm(formula = deaths ~ ., data = train_used)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -566.8   -184.5    -45.7    114.2   5118.7
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   1787.602    606.668   2.947  0.003697 **
## R0             201.661     51.153   3.942  0.000121 ***
## TE            -274.111     67.556  -4.058  7.76e-05 ***
## TP             -70.160     45.728  -1.534  0.126943
## TI1            -193.834     74.673  -2.596  0.010322 *
## TI2             462.871    260.585   1.776  0.077600 .
## nuA            -143.743    128.955  -1.115  0.266669
## ns               2.155      1.428   1.509  0.133300
## p_home_weekend -158.314    128.975  -1.227  0.221456
## alphaTH        -34.179    167.897  -0.204  0.838950
## etaTH          -4474.003   7712.454  -0.580  0.562668
## alphaEP         393.635    170.570   2.308  0.022302 *
## alphaIID         25.891      9.015   2.872  0.004634 **
## alphaHD          5.809      9.669   0.601  0.548826
## alphaIIH        301.678    176.814   1.706  0.089925 .
## eta            50578.145  26455.267   1.912  0.057696 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for gaussian family taken to be 230406)
##
##      Null deviance: 50697928  on 174  degrees of freedom
## Residual deviance: 36634559  on 159  degrees of freedom
## AIC: 2674.7
##
## Number of Fisher Scoring iterations: 2
```

```
preddata<-predict(model,newdata = test_used)
preddata_lm<-predict(model_lm,newdata = test_used)

tesdata<-predict(model,newdata=train_used)
tesdata_lm<-predict(model_lm,newdata=train_used)

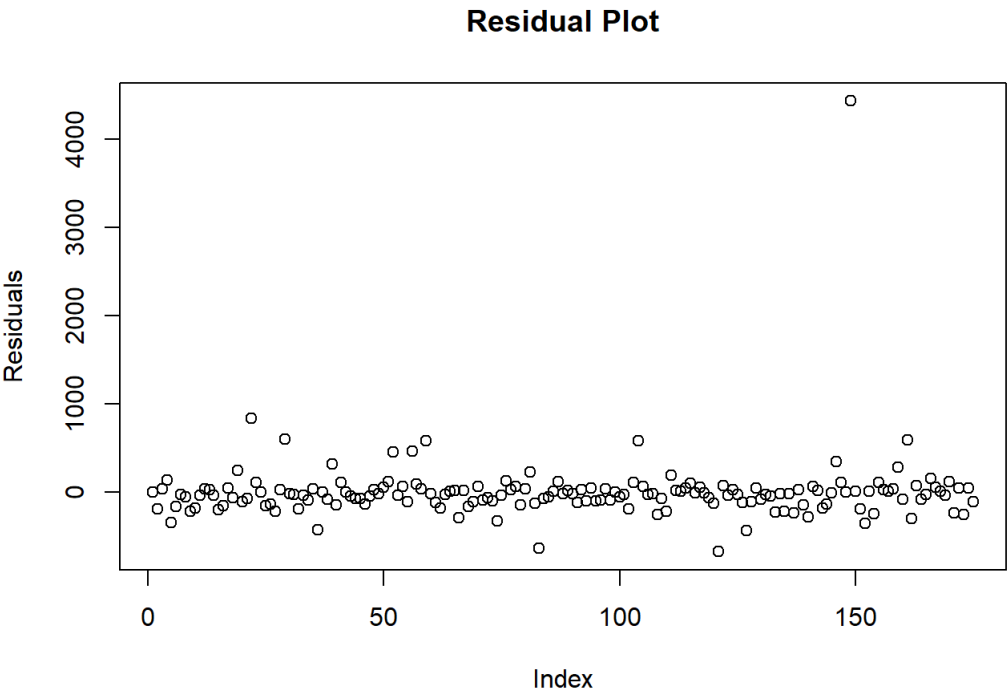
residuals_lm<-train_used$deaths - tesdata_lm
residuals <- train_used$deaths - tesdata
residuals
```

```
##      [,1]
## [1,]  3.2410314
## [2,] -189.8621324
## [3,]  33.7517526
## [4,] 135.4739574
## [5,] -346.0031963
## [6,] -159.2764376
## [7,] -29.1158994
## [8,] -50.4748759
## [9,] -213.7259796
## [10,] -180.5996340
## [11,] -34.0606774
## [12,]  33.4298069
## [13,]  30.9974350
## [14,] -32.9781253
## [15,] -195.4967902
## [16,] -153.7373080
## [17,]  44.2512713
## [18,] -58.7161060
## [19,] 242.1215805
## [20,] -108.6689010
## [21,] -70.4999207
## [22,] 835.4324020
## [23,] 113.9344504
## [24,]  0.7698907
## [25,] -156.9790312
## [26,] -132.1694483
## [27,] -217.7008517
## [28,]  25.8082429
## [29,] 602.4842848
## [30,] -16.1829334
## [31,] -26.4397211
## [32,] -186.8424309
## [33,] -31.7443422
## [34,] -89.0074177
## [35,]  40.0421574
## [36,] -426.3541472
## [37,]  -2.7351172
## [38,] -80.2138274
## [39,] 320.5454891
## [40,] -144.0829978
## [41,] 107.4571263
## [42,]  -2.3901046
## [43,] -40.7044746
## [44,] -74.5794826
## [45,] -71.1019577
## [46,] -137.5708036
## [47,] -46.9872892
## [48,]  30.1219184
## [49,] -17.0863641
## [50,]  59.6781669
## [51,] 115.8927771
## [52,] 452.2341293
## [53,] -38.1110317
## [54,]  61.5413991
## [55,] -112.3409360
## [56,] 463.4560341
## [57,]  87.7951255
## [58,]  34.5668051
## [59,] 580.2863904
## [60,] -19.0865067
## [61,] -114.2495059
## [62,] -182.1622093
## [63,] -21.9108093
## [64,]  14.2798950
## [65,]  18.4813836
## [66,] -290.9310606
## [67,]  19.3164881
## [68,] -164.1652041
```

```
## [69,] -109.4892653
## [70,] 62.9422016
## [71,] -90.8291136
## [72,] -59.6326648
## [73,] -100.0034398
## [74,] -323.9030054
## [75,] -34.1304582
## [76,] 127.8717453
## [77,] 24.5523898
## [78,] 66.8025779
## [79,] -145.2488683
## [80,] 34.3784286
## [81,] 228.5806008
## [82,] -127.2785522
## [83,] -636.7289801
## [84,] -73.8200453
## [85,] -50.8971609
## [86,] 10.7503013
## [87,] 115.9889901
## [88,] -20.8488886
## [89,] 16.0086526
## [90,] -19.7817911
## [91,] -121.0134320
## [92,] 31.8651807
## [93,] -99.2009270
## [94,] 48.5387084
## [95,] -94.7920292
## [96,] -92.0949509
## [97,] 33.4482173
## [98,] -91.6721437
## [99,] -0.8568287
## [100,] -49.6730954
## [101,] -25.8760053
## [102,] -186.5039247
## [103,] 108.6809687
## [104,] 582.8367837
## [105,] 63.7913850
## [106,] -30.1588436
## [107,] -15.9655461
## [108,] -248.7510228
## [109,] -69.0399953
## [110,] -216.0331766
## [111,] 189.5121384
## [112,] 18.7471637
## [113,] 8.5130833
## [114,] 48.4229583
## [115,] 97.4773506
## [116,] -5.9633929
## [117,] 57.0799024
## [118,] -5.3654838
## [119,] -66.6720361
## [120,] -121.7172797
## [121,] -672.6459809
## [122,] 71.2345993
## [123,] -31.2913636
## [124,] 30.6693631
## [125,] -22.0938231
## [126,] -120.3384026
## [127,] -434.5310699
## [128,] -111.6456842
## [129,] 49.0679384
## [130,] -84.7109464
## [131,] -22.0811733
## [132,] -41.0621441
## [133,] -222.1491485
## [134,] -19.1818850
## [135,] -216.7565421
## [136,] -19.1735509
## [137,] -233.4804884
## [138,] 32.5404803
```

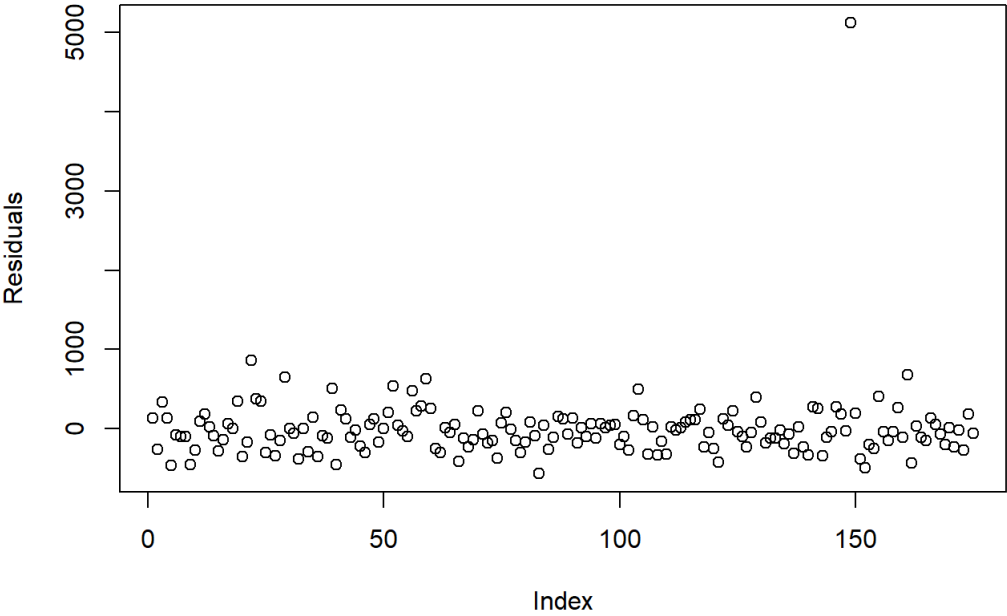
```
## [139,] -141.1311001
## [140,] -280.0327237
## [141,] 65.7629096
## [142,] 23.7295639
## [143,] -180.3174262
## [144,] -137.3750757
## [145,] -11.3047616
## [146,] 348.7535228
## [147,] 107.7316969
## [148,] 2.8680292
## [149,] 4428.6944984
## [150,] 6.0582636
## [151,] -190.2950422
## [152,] -351.4672329
## [153,] 11.9756502
## [154,] -245.4821470
## [155,] 108.0000846
## [156,] 31.4010155
## [157,] 6.8386572
## [158,] 41.7297338
## [159,] 278.9295708
## [160,] -81.1823764
## [161,] 595.4951833
## [162,] -296.8751303
## [163,] 77.5137404
## [164,] -80.4160264
## [165,] -27.9494756
## [166,] 151.0784985
## [167,] 55.6842866
## [168,] 7.3107801
## [169,] -35.0475651
## [170,] 122.3682781
## [171,] -232.3677219
## [172,] 48.0423461
## [173,] -253.2127823
## [174,] 50.4497826
## [175,] -105.9188326
```

```
plot(residuals,main = "Residual Plot", xlab = "Index", ylab = "Residuals")
```



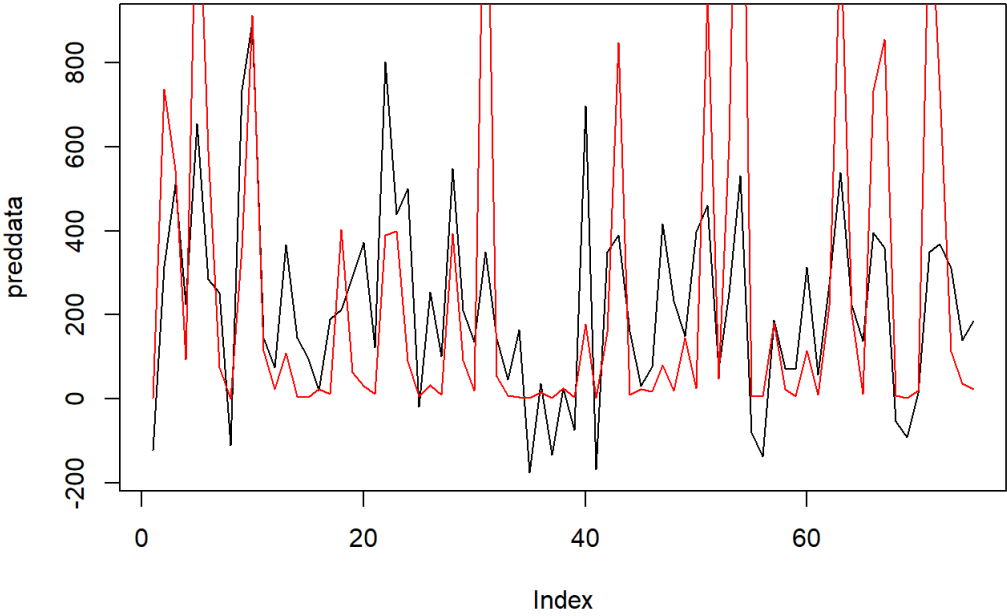
```
plot(residuals_lm,main = "Residual Plot", xlab = "Index", ylab = "Residuals")
```

Residual Plot



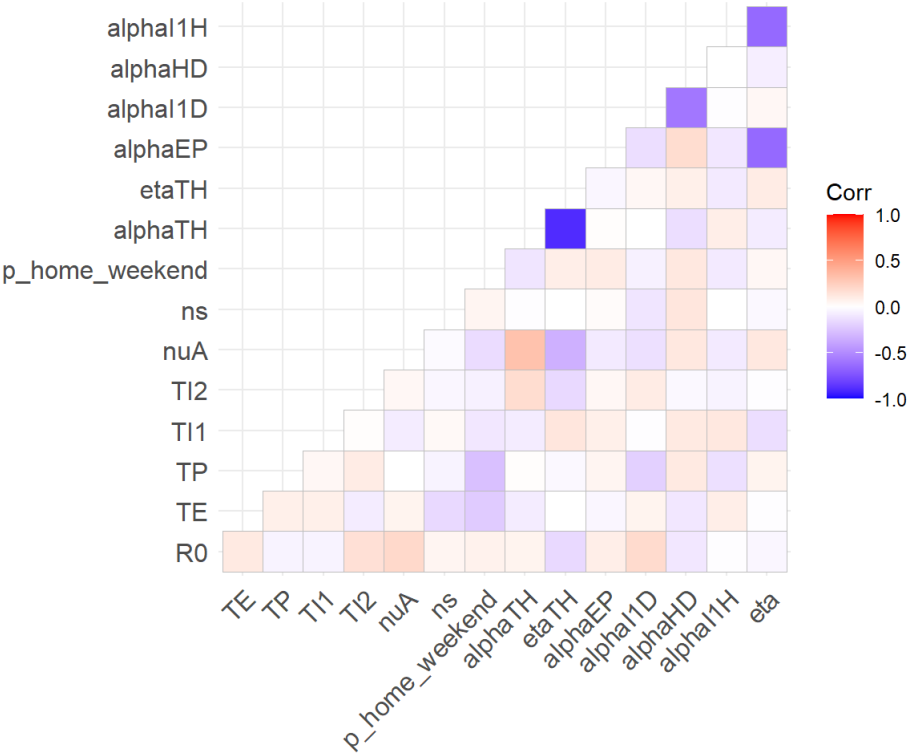
```
#标准化残差
standardized_residuals <- residuals / sd(residuals)

plot(preddata, type="l" )
lines(test_true, type = "l", col = "red")
```



```
#预测效果评价
cor_matrix <- cor(test_used)
ggcorrplot(cor_matrix, type = "lower")
```

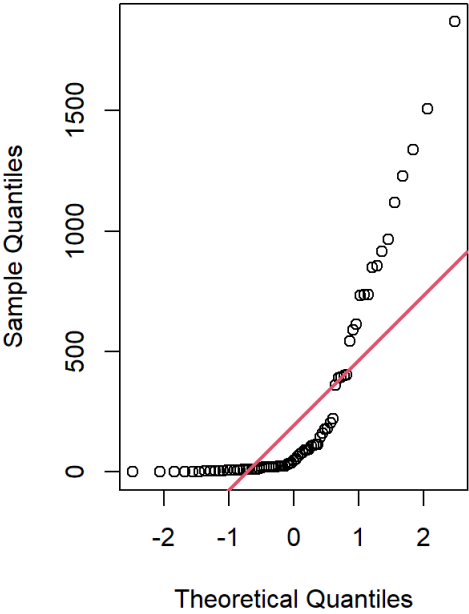




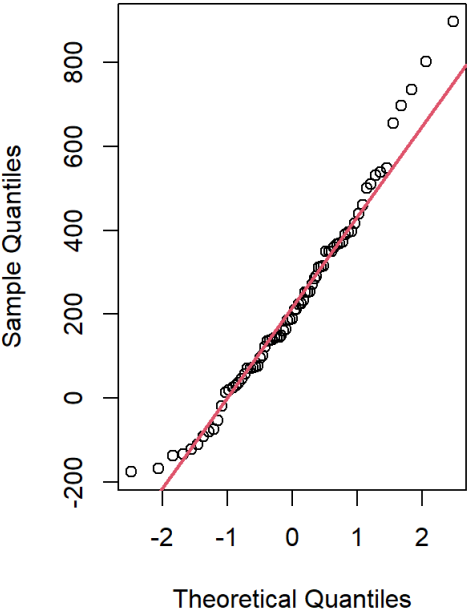
```
#正态性
par(mfrow=c(1,2))
qqnorm(test_true)
qqline(test_true, col=2, lwd=2)

qqnorm(preddata)
qqline(preddata, col=2, lwd=2)
```

Normal Q-Q Plot



Normal Q-Q Plot



```
#针对连续型变量进行预测评价，指标如下：
#1. RMSE
RMSE(preddata, test_true)
```

```
## [1] 327.1106
```

```
mean(test_true)
```

```
## [1] 255.36
```

```
#2.  
mse <- mean((preddata - test_true)^2)  
mse
```

```
## [1] 107001.3
```

```
mean(preddata)
```

```
## [1] 222.8373
```

```
#  
R2(preddata_lm, test_true)
```

```
## [1] 0.4075734
```

```
#
```

#不同分辨率（维度选择）对结果的影响

```
#在output集中，进行针对不同分辨率的重采样  
#地区  
#预览output  
covid_outputs
```

##	output	replicate	LAD19CD	cumH	cumHD	cumCD	deaths
## 1	Ens0000	1	E06000001	94	11	0	11
## 2	Ens0001	1	E06000001	3	0	0	0
## 3	Ens0002	1	E06000001	2689	197	0	197
## 4	Ens0003	1	E06000001	3	0	0	0
## 5	Ens0004	1	E06000001	2	0	0	0
## 6	Ens0005	1	E06000001	25	0	18	18
## 7	Ens0006	1	E06000001	43	0	13	13
## 8	Ens0007	1	E06000001	2	0	0	0
## 9	Ens0008	1	E06000001	13	0	0	0
## 10	Ens0009	1	E06000001	244	0	61	61
## 11	Ens000a	1	E06000001	29	0	3	3
## 12	Ens000b	1	E06000001	40	0	7	7
## 13	Ens000c	1	E06000001	202	1	1	2
## 14	Ens000d	1	E06000001	36	0	0	0
## 15	Ens000e	1	E06000001	2910	1	558	559
## 16	Ens000f	1	E06000001	125	6	0	6
## 17	Ens000g	1	E06000001	5	0	0	0
## 18	Ens000h	1	E06000001	217	0	57	57
## 19	Ens000i	1	E06000001	22	2	0	2
## 20	Ens000j	1	E06000001	0	0	0	0
## 21	Ens000k	1	E06000001	4	0	0	0
## 22	Ens000l	1	E06000001	12	0	3	3
## 23	Ens000m	1	E06000001	286	6	0	6
## 24	Ens000n	1	E06000001	18	0	0	0
## 25	Ens000o	1	E06000001	30	0	9	9
## 26	Ens000p	1	E06000001	119	0	38	38
## 27	Ens000q	1	E06000001	0	0	0	0
## 28	Ens000r	1	E06000001	957	76	0	76
## 29	Ens000s	1	E06000001	3617	177	174	351
## 30	Ens000t	1	E06000001	251	22	0	22
## 31	Ens000u	1	E06000001	62	0	25	25
## 32	Ens000v	1	E06000001	6	0	6	6
## 33	Ens000w	1	E06000001	3	0	2	2
## 34	Ens000x	1	E06000001	219	5	156	161
## 35	Ens000y	1	E06000001	0	0	0	0
## 36	Ens000z	1	E06000001	1	0	0	0
## 37	Ens0010	1	E06000001	7	1	18	19
## 38	Ens0011	1	E06000001	11	0	3	3
## 39	Ens0012	1	E06000001	0	0	0	0
## 40	Ens0013	1	E06000001	23	0	5	5
## 41	Ens0014	1	E06000001	18	0	4	4
## 42	Ens0015	1	E06000001	4162	602	30	632
## 43	Ens0016	1	E06000001	4	1	0	1
## 44	Ens0017	1	E06000001	36	0	5	5
## 45	Ens0018	1	E06000001	47	1	6	7
## 46	Ens0019	1	E06000001	7	1	0	1
## 47	Ens001a	1	E06000001	6	0	0	0
## 48	Ens001b	1	E06000001	616	14	0	14
## 49	Ens001c	1	E06000001	0	0	0	0
## 50	Ens001d	1	E06000001	538	2	102	104
## 51	Ens001e	1	E06000001	28	0	17	17
## 52	Ens001f	1	E06000001	5	0	0	0
## 53	Ens001g	1	E06000001	444	0	180	180
## 54	Ens001h	1	E06000001	281	5	13	18
## 55	Ens001i	1	E06000001	0	0	0	0
## 56	Ens001j	1	E06000001	11	0	0	0
## 57	Ens001k	1	E06000001	3	0	0	0
## 58	Ens001l	1	E06000001	9	0	1	1
## 59	Ens001m	1	E06000001	34	1	4	5
## 60	Ens001n	1	E06000001	150	6	1	7
## 61	Ens001o	1	E06000001	10	0	2	2
## 62	Ens001p	1	E06000001	544	39	0	39
## 63	Ens001q	1	E06000001	96	1	0	1
## 64	Ens001r	1	E06000001	148	7	0	7
## 65	Ens001s	1	E06000001	18	0	0	0
## 66	Ens001t	1	E06000001	2	0	0	0
## 67	Ens001u	1	E06000001	5	1	0	1
## 68	Ens001v	1	E06000001	347	7	0	7

##	69	Ens001w	1	E06000001	109	4	0	4
##	70	Ens001x	1	E06000001	0	0	0	0
##	71	Ens001y	1	E06000001	1566	186	0	186
##	72	Ens001z	1	E06000001	3	1	0	1
##	73	Ens0020	1	E06000001	5	0	0	0
##	74	Ens0021	1	E06000001	35	1	9	10
##	75	Ens0022	1	E06000001	40	2	0	2
##	76	Ens0023	1	E06000001	1261	152	0	152
##	77	Ens0024	1	E06000001	2	0	0	0
##	78	Ens0025	1	E06000001	7	0	0	0
##	79	Ens0026	1	E06000001	2221	0	576	576
##	80	Ens0027	1	E06000001	0	0	1	1
##	81	Ens0028	1	E06000001	0	0	0	0
##	82	Ens0029	1	E06000001	166	4	53	57
##	83	Ens002a	1	E06000001	31	0	8	8
##	84	Ens002b	1	E06000001	503	8	0	8
##	85	Ens002c	1	E06000001	39	0	8	8
##	86	Ens002d	1	E06000001	19	1	0	1
##	87	Ens002e	1	E06000001	113	0	31	31
##	88	Ens002f	1	E06000001	18	0	6	6
##	89	Ens002g	1	E06000001	288	16	0	16
##	90	Ens002h	1	E06000001	583	0	95	95
##	91	Ens002i	1	E06000001	1076	17	0	17
##	92	Ens002j	1	E06000001	12	1	0	1
##	93	Ens002k	1	E06000001	0	0	0	0
##	94	Ens002l	1	E06000001	37	3	0	3
##	95	Ens002m	1	E06000001	37	3	0	3
##	96	Ens002n	1	E06000001	34	3	4	7
##	97	Ens002o	1	E06000001	114	2	5	7
##	98	Ens002p	1	E06000001	24	1	0	1
##	99	Ens002q	1	E06000001	0	0	0	0
##	100	Ens002r	1	E06000001	2	0	0	0
##	101	Ens002s	1	E06000001	131	5	0	5
##	102	Ens002t	1	E06000001	1186	120	0	120
##	103	Ens002u	1	E06000001	28	4	0	4
##	104	Ens002v	1	E06000001	2	1	0	1
##	105	Ens002w	1	E06000001	1309	79	0	79
##	106	Ens002x	1	E06000001	432	23	0	23
##	107	Ens002y	1	E06000001	65	3	9	12
##	108	Ens002z	1	E06000001	926	0	141	141
##	109	Ens0030	1	E06000001	1383	0	168	168
##	110	Ens0031	1	E06000001	11	0	3	3
##	111	Ens0032	1	E06000001	137	9	1	10
##	112	Ens0033	1	E06000001	2206	69	5	74
##	113	Ens0034	1	E06000001	32	0	6	6
##	114	Ens0035	1	E06000001	353	16	1	17
##	115	Ens0036	1	E06000001	15	0	3	3
##	116	Ens0037	1	E06000001	12	3	0	3
##	117	Ens0038	1	E06000001	578	0	157	157
##	118	Ens0039	1	E06000001	10	0	3	3
##	119	Ens003a	1	E06000001	455	31	0	31
##	120	Ens003b	1	E06000001	1	0	0	0
##	121	Ens003c	1	E06000001	5	0	0	0
##	122	Ens003d	1	E06000001	17	0	0	0
##	123	Ens003e	1	E06000001	2799	0	528	528
##	124	Ens003f	1	E06000001	9	0	4	4
##	125	Ens003g	1	E06000001	1	0	0	0
##	126	Ens003h	1	E06000001	19	0	0	0
##	127	Ens003i	1	E06000001	20	0	10	10
##	128	Ens003j	1	E06000001	2	0	1	1
##	129	Ens003k	1	E06000001	34	1	5	6
##	130	Ens003l	1	E06000001	0	0	0	0
##	131	Ens003m	1	E06000001	0	0	1	1
##	132	Ens003n	1	E06000001	0	0	0	0
##	133	Ens003o	1	E06000001	1	0	0	0
##	134	Ens003p	1	E06000001	25	1	0	1
##	135	Ens003q	1	E06000001	15	0	0	0
##	136	Ens003r	1	E06000001	25	0	2	2
##	137	Ens003s	1	E06000001	6	0	0	0
##	138	Ens003t	1	E06000001	6	0	0	0

##	139	Ens003u	1	E06000001	261	3	12	15
##	140	Ens003v	1	E06000001	1	0	0	0
##	141	Ens003w	1	E06000001	1684	31	282	313
##	142	Ens003x	1	E06000001	3	0	0	0
##	143	Ens003y	1	E06000001	153	2	0	2
##	144	Ens003z	1	E06000001	126	8	0	8
##	145	Ens0040	1	E06000001	5	0	0	0
##	146	Ens0041	1	E06000001	25	1	0	1
##	147	Ens0042	1	E06000001	2	1	0	1
##	148	Ens0043	1	E06000001	4	0	1	1
##	149	Ens0044	1	E06000001	1799	35	0	35
##	150	Ens0045	1	E06000001	154	4	6	10
##	151	Ens0046	1	E06000001	1098	80	0	80
##	152	Ens0047	1	E06000001	117	0	31	31
##	153	Ens0048	1	E06000001	174	5	0	5
##	154	Ens0049	1	E06000001	0	0	0	0
##	155	Ens004a	1	E06000001	107	0	34	34
##	156	Ens004b	1	E06000001	1	0	0	0
##	157	Ens004c	1	E06000001	0	0	0	0
##	158	Ens004d	1	E06000001	1	0	0	0
##	159	Ens004e	1	E06000001	343	0	44	44
##	160	Ens004f	1	E06000001	3	0	0	0
##	161	Ens004g	1	E06000001	80	0	38	38
##	162	Ens004h	1	E06000001	1569	0	155	155
##	163	Ens004i	1	E06000001	16	0	13	13
##	164	Ens004j	1	E06000001	1	0	0	0
##	165	Ens004k	1	E06000001	4413	347	0	347
##	166	Ens004l	1	E06000001	5	0	14	14
##	167	Ens004m	1	E06000001	1	0	0	0
##	168	Ens004n	1	E06000001	4	0	1	1
##	169	Ens004o	1	E06000001	13	0	0	0
##	170	Ens004p	1	E06000001	10	0	1	1
##	171	Ens004q	1	E06000001	187	2	0	2
##	172	Ens004r	1	E06000001	9	1	0	1
##	173	Ens004s	1	E06000001	5	0	0	0
##	174	Ens004t	1	E06000001	5	1	0	1
##	175	Ens004u	1	E06000001	21	2	0	2
##	176	Ens004v	1	E06000001	162	8	3	11
##	177	Ens004w	1	E06000001	2	0	0	0
##	178	Ens004x	1	E06000001	484	0	151	151
##	179	Ens004y	1	E06000001	6	0	1	1
##	180	Ens004z	1	E06000001	50	0	13	13
##	181	Ens0050	1	E06000001	2	0	0	0
##	182	Ens0051	1	E06000001	20	1	0	1
##	183	Ens0052	1	E06000001	14	0	0	0
##	184	Ens0053	1	E06000001	2904	193	18	211
##	185	Ens0054	1	E06000001	3	0	0	0
##	186	Ens0055	1	E06000001	136	8	0	8
##	187	Ens0056	1	E06000001	1345	12	0	12
##	188	Ens0057	1	E06000001	756	31	1	32
##	189	Ens0058	1	E06000001	238	0	73	73
##	190	Ens0059	1	E06000001	35	5	0	5
##	191	Ens005a	1	E06000001	1401	0	440	440
##	192	Ens005b	1	E06000001	151	0	48	48
##	193	Ens005c	1	E06000001	7	0	0	0
##	194	Ens005d	1	E06000001	25	3	0	3
##	195	Ens005e	1	E06000001	125	0	41	41
##	196	Ens005f	1	E06000001	391	0	34	34
##	197	Ens005g	1	E06000001	39	1	2	3
##	198	Ens005h	1	E06000001	3	0	0	0
##	199	Ens005i	1	E06000001	2	0	0	0
##	200	Ens005j	1	E06000001	127	8	1	9
##	201	Ens005k	1	E06000001	69	5	0	5
##	202	Ens005l	1	E06000001	0	0	0	0
##	203	Ens005m	1	E06000001	7	0	0	0
##	204	Ens005n	1	E06000001	47	1	0	1
##	205	Ens005o	1	E06000001	250	0	113	113
##	206	Ens005p	1	E06000001	70	0	14	14
##	207	Ens005q	1	E06000001	6	0	0	0
##	208	Ens005r	1	E06000001	4	1	0	1

##	209	Ens005s	1	E06000001	2	0	0	0
##	210	Ens005t	1	E06000001	454	1	999	1000
##	211	Ens005u	1	E06000001	25	2	0	2
##	212	Ens005v	1	E06000001	23	0	16	16
##	213	Ens005w	1	E06000001	160	0	110	110
##	214	Ens005x	1	E06000001	9	0	0	0
##	215	Ens005y	1	E06000001	173	6	0	6
##	216	Ens005z	1	E06000001	89	0	31	31
##	217	Ens0060	1	E06000001	25	0	0	0
##	218	Ens0061	1	E06000001	1261	100	7	107
##	219	Ens0062	1	E06000001	955	0	238	238
##	220	Ens0063	1	E06000001	61	0	0	0
##	221	Ens0064	1	E06000001	747	53	44	97
##	222	Ens0065	1	E06000001	0	0	0	0
##	223	Ens0066	1	E06000001	65	2	4	6
##	224	Ens0067	1	E06000001	0	0	0	0
##	225	Ens0068	1	E06000001	0	0	0	0
##	226	Ens0069	1	E06000001	1	0	0	0
##	227	Ens006a	1	E06000001	33	2	0	2
##	228	Ens006b	1	E06000001	376	14	0	14
##	229	Ens006c	1	E06000001	2315	484	8	492
##	230	Ens006d	1	E06000001	287	0	113	113
##	231	Ens006e	1	E06000001	99	17	2	19
##	232	Ens006f	1	E06000001	858	0	172	172
##	233	Ens006g	1	E06000001	2400	248	0	248
##	234	Ens006h	1	E06000001	35	0	6	6
##	235	Ens006i	1	E06000001	383	8	0	8
##	236	Ens006j	1	E06000001	0	0	0	0
##	237	Ens006k	1	E06000001	139	8	1	9
##	238	Ens006l	1	E06000001	46	1	11	12
##	239	Ens006m	1	E06000001	2822	175	0	175
##	240	Ens006n	1	E06000001	37	3	0	3
##	241	Ens006o	1	E06000001	49	0	0	0
##	242	Ens006p	1	E06000001	2	0	0	0
##	243	Ens006q	1	E06000001	19	0	3	3
##	244	Ens006r	1	E06000001	52	0	11	11
##	245	Ens006s	1	E06000001	41	0	28	28
##	246	Ens006t	1	E06000001	3	0	1	1
##	247	Ens006u	1	E06000001	1	0	0	0
##	248	Ens006v	1	E06000001	9	0	2	2
##	249	Ens006w	1	E06000001	1	0	0	0
##	250	Ens006x	1	E06000001	28	0	0	0
##	251	Ens0000	2	E06000001	197	13	0	13
##	252	Ens0001	2	E06000001	3	0	0	0
##	253	Ens0002	2	E06000001	3158	289	0	289
##	254	Ens0003	2	E06000001	5	0	0	0
##	255	Ens0004	2	E06000001	7	0	0	0
##	256	Ens0005	2	E06000001	12	0	13	13
##	257	Ens0006	2	E06000001	30	0	4	4
##	258	Ens0007	2	E06000001	3	0	0	0
##	259	Ens0008	2	E06000001	20	0	0	0
##	260	Ens0009	2	E06000001	282	0	106	106
##	261	Ens000a	2	E06000001	42	2	10	12
##	262	Ens000b	2	E06000001	28	0	3	3
##	263	Ens000c	2	E06000001	294	2	1	3
##	264	Ens000d	2	E06000001	29	0	0	0
##	265	Ens000e	2	E06000001	3135	2	577	579
##	266	Ens000f	2	E06000001	470	47	0	47
##	267	Ens000g	2	E06000001	1	0	0	0
##	268	Ens000h	2	E06000001	226	0	68	68
##	269	Ens000i	2	E06000001	36	2	0	2
##	270	Ens000j	2	E06000001	0	0	0	0
##	271	Ens000k	2	E06000001	4	0	0	0
##	272	Ens000l	2	E06000001	16	0	2	2
##	273	Ens000m	2	E06000001	293	11	0	11
##	274	Ens000n	2	E06000001	16	0	0	0
##	275	Ens000o	2	E06000001	23	0	16	16
##	276	Ens000p	2	E06000001	247	0	103	103
##	277	Ens000q	2	E06000001	0	0	0	0
##	278	Ens000r	2	E06000001	542	34	0	34

##	279	Ens000s	2	E06000001	3162	115	143	258
##	280	Ens000t	2	E06000001	261	10	0	10
##	281	Ens000u	2	E06000001	55	0	10	10
##	282	Ens000v	2	E06000001	3	0	13	13
##	283	Ens000w	2	E06000001	6	0	1	1
##	284	Ens000x	2	E06000001	228	9	155	164
##	285	Ens000y	2	E06000001	0	0	1	1
##	286	Ens000z	2	E06000001	1	0	1	1
##	287	Ens0010	2	E06000001	4	0	8	8
##	288	Ens0011	2	E06000001	10	0	0	0
##	289	Ens0012	2	E06000001	0	0	0	0
##	290	Ens0013	2	E06000001	19	0	6	6
##	291	Ens0014	2	E06000001	17	0	6	6
##	292	Ens0015	2	E06000001	4137	626	50	676
##	293	Ens0016	2	E06000001	0	0	0	0
##	294	Ens0017	2	E06000001	48	0	8	8
##	295	Ens0018	2	E06000001	63	1	10	11
##	296	Ens0019	2	E06000001	13	1	0	1
##	297	Ens001a	2	E06000001	14	1	0	1
##	298	Ens001b	2	E06000001	488	23	0	23
##	299	Ens001c	2	E06000001	0	0	0	0
##	300	Ens001d	2	E06000001	323	1	55	56
##	301	Ens0000	3	E06000001	93	7	0	7
##	302	Ens0001	3	E06000001	2	0	0	0
##	303	Ens0002	3	E06000001	2654	197	0	197
##	304	Ens0003	3	E06000001	2	0	0	0
##	305	Ens0004	3	E06000001	1	0	0	0
##	306	Ens0005	3	E06000001	46	0	21	21
##	307	Ens0006	3	E06000001	35	0	9	9
##	308	Ens0007	3	E06000001	2	0	1	1
##	309	Ens0008	3	E06000001	9	0	0	0
##	310	Ens0009	3	E06000001	250	0	78	78
##	311	Ens000a	3	E06000001	35	2	4	6
##	312	Ens000b	3	E06000001	57	0	10	10
##	313	Ens000c	3	E06000001	306	2	1	3
##	314	Ens000d	3	E06000001	24	0	0	0
##	315	Ens000e	3	E06000001	3236	2	553	555
##	316	Ens000f	3	E06000001	162	12	0	12
##	317	Ens000g	3	E06000001	25	1	0	1
##	318	Ens000h	3	E06000001	182	0	62	62
##	319	Ens000i	3	E06000001	42	0	0	0
##	320	Ens000j	3	E06000001	0	0	0	0
##	321	Ens000k	3	E06000001	8	0	0	0
##	322	Ens000l	3	E06000001	19	0	3	3
##	323	Ens000m	3	E06000001	312	12	0	12
##	324	Ens000n	3	E06000001	7	0	0	0
##	325	Ens000o	3	E06000001	36	0	12	12
##	326	Ens000p	3	E06000001	290	0	99	99
##	327	Ens000q	3	E06000001	2	0	0	0
##	328	Ens000r	3	E06000001	749	68	0	68
##	329	Ens000s	3	E06000001	4019	179	186	365
##	330	Ens000t	3	E06000001	227	11	0	11
##	331	Ens000u	3	E06000001	41	0	9	9
##	332	Ens000v	3	E06000001	14	4	21	25
##	333	Ens000w	3	E06000001	17	0	3	3
##	334	Ens000x	3	E06000001	213	5	134	139
##	335	Ens000y	3	E06000001	0	0	0	0
##	336	Ens000z	3	E06000001	1	0	0	0
##	337	Ens0010	3	E06000001	5	0	4	4
##	338	Ens0011	3	E06000001	10	0	3	3
##	339	Ens0012	3	E06000001	2	0	0	0
##	340	Ens0013	3	E06000001	17	0	6	6
##	341	Ens0014	3	E06000001	17	0	10	10
##	342	Ens0015	3	E06000001	4079	602	45	647
##	343	Ens0016	3	E06000001	3	0	0	0
##	344	Ens0017	3	E06000001	48	0	7	7
##	345	Ens0018	3	E06000001	21	1	2	3
##	346	Ens0019	3	E06000001	13	0	0	0
##	347	Ens001a	3	E06000001	12	1	0	1
##	348	Ens001b	3	E06000001	561	14	0	14

##	349	Ens001c	3	E06000001	0	0	0	0
##	350	Ens001d	3	E06000001	137	1	28	29
##	351	Ens0000	4	E06000001	125	4	0	4
##	352	Ens0001	4	E06000001	0	0	0	0
##	353	Ens0002	4	E06000001	3068	267	0	267
##	354	Ens0003	4	E06000001	16	0	0	0
##	355	Ens0004	4	E06000001	2	0	0	0
##	356	Ens0005	4	E06000001	17	0	21	21
##	357	Ens0006	4	E06000001	106	0	15	15
##	358	Ens0007	4	E06000001	3	0	0	0
##	359	Ens0008	4	E06000001	9	1	0	1
##	360	Ens0009	4	E06000001	262	0	70	70
##	361	Ens000a	4	E06000001	40	4	7	11
##	362	Ens000b	4	E06000001	44	0	8	8
##	363	Ens000c	4	E06000001	227	4	2	6
##	364	Ens000d	4	E06000001	45	1	0	1
##	365	Ens000e	4	E06000001	3005	1	543	544
##	366	Ens000f	4	E06000001	252	21	0	21
##	367	Ens000g	4	E06000001	3	0	0	0
##	368	Ens000h	4	E06000001	257	1	101	102
##	369	Ens000i	4	E06000001	31	4	0	4
##	370	Ens000j	4	E06000001	2	1	0	1
##	371	Ens000k	4	E06000001	5	0	0	0
##	372	Ens000l	4	E06000001	7	0	2	2
##	373	Ens000m	4	E06000001	233	9	0	9
##	374	Ens000n	4	E06000001	6	1	0	1
##	375	Ens000o	4	E06000001	55	0	19	19
##	376	Ens000p	4	E06000001	181	0	82	82
##	377	Ens000q	4	E06000001	1	0	0	0
##	378	Ens000r	4	E06000001	716	58	0	58
##	379	Ens000s	4	E06000001	3003	120	172	292
##	380	Ens000t	4	E06000001	225	13	0	13
##	381	Ens000u	4	E06000001	22	0	6	6
##	382	Ens000v	4	E06000001	9	1	5	6
##	383	Ens000w	4	E06000001	4	0	1	1
##	384	Ens000x	4	E06000001	264	15	169	184
##	385	Ens000y	4	E06000001	0	0	0	0
##	386	Ens000z	4	E06000001	0	0	0	0
##	387	Ens0010	4	E06000001	8	0	4	4
##	388	Ens0011	4	E06000001	10	0	2	2
##	389	Ens0012	4	E06000001	0	0	0	0
##	390	Ens0013	4	E06000001	15	0	4	4
##	391	Ens0014	4	E06000001	32	0	7	7
##	392	Ens0015	4	E06000001	4251	682	41	723
##	393	Ens0016	4	E06000001	6	0	0	0
##	394	Ens0017	4	E06000001	29	0	6	6
##	395	Ens0018	4	E06000001	30	0	3	3
##	396	Ens0019	4	E06000001	18	1	0	1
##	397	Ens001a	4	E06000001	29	1	0	1
##	398	Ens001b	4	E06000001	550	12	0	12
##	399	Ens001c	4	E06000001	0	0	0	0
##	400	Ens001d	4	E06000001	190	0	42	42
##	401	Ens0000	5	E06000001	88	5	0	5
##	402	Ens0001	5	E06000001	1	0	0	0
##	403	Ens0002	5	E06000001	2451	207	0	207
##	404	Ens0003	5	E06000001	0	0	0	0
##	405	Ens0004	5	E06000001	4	0	0	0
##	406	Ens0005	5	E06000001	12	0	3	3
##	407	Ens0006	5	E06000001	38	0	13	13
##	408	Ens0007	5	E06000001	2	0	0	0
##	409	Ens0008	5	E06000001	33	3	0	3
##	410	Ens0009	5	E06000001	248	0	81	81
##	411	Ens000a	5	E06000001	33	0	5	5
##	412	Ens000b	5	E06000001	101	0	22	22
##	413	Ens000c	5	E06000001	296	5	0	5
##	414	Ens000d	5	E06000001	28	1	0	1
##	415	Ens000e	5	E06000001	2992	1	552	553
##	416	Ens000f	5	E06000001	218	16	0	16
##	417	Ens000g	5	E06000001	5	0	0	0
##	418	Ens000h	5	E06000001	296	0	109	109



##	419	Ens000i	5	E06000001	36	1	0	1
##	420	Ens000j	5	E06000001	2	1	0	1
##	421	Ens000k	5	E06000001	9	0	0	0
##	422	Ens000l	5	E06000001	7	0	0	0
##	423	Ens000m	5	E06000001	377	12	0	12
##	424	Ens000n	5	E06000001	11	1	0	1
##	425	Ens000o	5	E06000001	39	0	15	15
##	426	Ens000p	5	E06000001	221	0	96	96
##	427	Ens000q	5	E06000001	0	0	0	0
##	428	Ens000r	5	E06000001	675	43	0	43
##	429	Ens000s	5	E06000001	3232	125	159	284
##	430	Ens000t	5	E06000001	211	6	1	7
##	431	Ens000u	5	E06000001	38	0	6	6
##	432	Ens000v	5	E06000001	7	0	5	5
##	433	Ens000w	5	E06000001	10	0	0	0
##	434	Ens000x	5	E06000001	115	3	95	98
##	435	Ens000y	5	E06000001	0	0	0	0
##	436	Ens000z	5	E06000001	1	0	0	0
##	437	Ens0010	5	E06000001	6	0	8	8
##	438	Ens0011	5	E06000001	27	0	3	3
##	439	Ens0012	5	E06000001	3	0	1	1
##	440	Ens0013	5	E06000001	13	0	3	3
##	441	Ens0014	5	E06000001	38	0	6	6
##	442	Ens0015	5	E06000001	4054	578	39	617
##	443	Ens0016	5	E06000001	2	0	0	0
##	444	Ens0017	5	E06000001	27	0	5	5
##	445	Ens0018	5	E06000001	58	1	6	7
##	446	Ens0019	5	E06000001	5	0	0	0
##	447	Ens001a	5	E06000001	8	0	0	0
##	448	Ens001b	5	E06000001	545	13	0	13
##	449	Ens001c	5	E06000001	1	0	0	0
##	450	Ens001d	5	E06000001	204	0	34	34
##	451	Ens0000	6	E06000001	119	3	0	3
##	452	Ens0001	6	E06000001	2	0	0	0
##	453	Ens0002	6	E06000001	2876	236	0	236
##	454	Ens0003	6	E06000001	2	0	0	0
##	455	Ens0004	6	E06000001	3	0	0	0
##	456	Ens0005	6	E06000001	30	0	20	20
##	457	Ens0006	6	E06000001	38	0	7	7
##	458	Ens0007	6	E06000001	1	0	1	1
##	459	Ens0008	6	E06000001	20	0	0	0
##	460	Ens0009	6	E06000001	373	0	108	108
##	461	Ens000a	6	E06000001	151	11	17	28
##	462	Ens000b	6	E06000001	33	0	5	5
##	463	Ens000c	6	E06000001	246	5	0	5
##	464	Ens000d	6	E06000001	23	0	0	0
##	465	Ens000e	6	E06000001	3298	2	614	616
##	466	Ens000f	6	E06000001	218	14	0	14
##	467	Ens000g	6	E06000001	2	0	0	0
##	468	Ens000h	6	E06000001	259	0	88	88
##	469	Ens000i	6	E06000001	23	0	0	0
##	470	Ens000j	6	E06000001	2	0	0	0
##	471	Ens000k	6	E06000001	53	4	0	4
##	472	Ens000l	6	E06000001	17	0	5	5
##	473	Ens000m	6	E06000001	311	12	0	12
##	474	Ens000n	6	E06000001	14	0	0	0
##	475	Ens000o	6	E06000001	32	0	12	12
##	476	Ens000p	6	E06000001	195	0	79	79
##	477	Ens000q	6	E06000001	0	0	0	0
##	478	Ens000r	6	E06000001	654	45	0	45
##	479	Ens000s	6	E06000001	3308	127	153	280
##	480	Ens000t	6	E06000001	359	23	0	23
##	481	Ens000u	6	E06000001	44	0	9	9
##	482	Ens000v	6	E06000001	9	0	12	12
##	483	Ens000w	6	E06000001	4	0	1	1
##	484	Ens000x	6	E06000001	244	10	138	148
##	485	Ens000y	6	E06000001	0	0	0	0
##	486	Ens000z	6	E06000001	2	0	0	0
##	487	Ens0010	6	E06000001	5	0	11	11
##	488	Ens0011	6	E06000001	24	0	8	8

##	489	Ens0012	6	E06000001	1	0	0	0
##	490	Ens0013	6	E06000001	17	0	10	10
##	491	Ens0014	6	E06000001	26	0	14	14
##	492	Ens0015	6	E06000001	4044	594	46	640
##	493	Ens0016	6	E06000001	6	0	0	0
##	494	Ens0017	6	E06000001	28	0	6	6
##	495	Ens0018	6	E06000001	55	1	6	7
##	496	Ens0019	6	E06000001	2	0	0	0
##	497	Ens001a	6	E06000001	9	0	0	0
##	498	Ens001b	6	E06000001	493	9	0	9
##	499	Ens001c	6	E06000001	0	0	0	0
##	500	Ens001d	6	E06000001	176	0	39	39
##	501	Ens0000	7	E06000001	118	13	0	13
##	502	Ens0001	7	E06000001	0	0	0	0
##	503	Ens0002	7	E06000001	2520	198	0	198
##	504	Ens0003	7	E06000001	4	0	0	0
##	505	Ens0004	7	E06000001	5	1	0	1
##	506	Ens0005	7	E06000001	24	0	6	6
##	507	Ens0006	7	E06000001	24	0	4	4
##	508	Ens0007	7	E06000001	2	0	2	2
##	509	Ens0008	7	E06000001	11	0	0	0
##	510	Ens0009	7	E06000001	253	0	81	81
##	511	Ens000a	7	E06000001	37	3	1	4
##	512	Ens000b	7	E06000001	49	0	12	12
##	513	Ens000c	7	E06000001	215	5	2	7
##	514	Ens000d	7	E06000001	88	1	0	1
##	515	Ens000e	7	E06000001	2927	0	546	546
##	516	Ens000f	7	E06000001	231	15	0	15
##	517	Ens000g	7	E06000001	1	0	0	0
##	518	Ens000h	7	E06000001	246	0	80	80
##	519	Ens000i	7	E06000001	21	2	1	3
##	520	Ens000j	7	E06000001	1	0	0	0
##	521	Ens000k	7	E06000001	11	0	0	0
##	522	Ens000l	7	E06000001	5	0	1	1
##	523	Ens000m	7	E06000001	497	18	0	18
##	524	Ens000n	7	E06000001	17	2	0	2
##	525	Ens000o	7	E06000001	64	0	25	25
##	526	Ens000p	7	E06000001	426	0	188	188
##	527	Ens000q	7	E06000001	0	0	0	0
##	528	Ens000r	7	E06000001	1076	106	1	107
##	529	Ens000s	7	E06000001	3165	118	141	259
##	530	Ens000t	7	E06000001	216	5	0	5
##	531	Ens000u	7	E06000001	20	0	10	10
##	532	Ens000v	7	E06000001	6	0	12	12
##	533	Ens000w	7	E06000001	12	0	0	0
##	534	Ens000x	7	E06000001	166	8	109	117
##	535	Ens000y	7	E06000001	1	0	0	0
##	536	Ens000z	7	E06000001	0	0	0	0
##	537	Ens0010	7	E06000001	8	0	6	6
##	538	Ens0011	7	E06000001	15	0	4	4
##	539	Ens0012	7	E06000001	0	0	1	1
##	540	Ens0013	7	E06000001	20	0	9	9
##	541	Ens0014	7	E06000001	28	0	9	9
##	542	Ens0015	7	E06000001	4109	602	38	640
##	543	Ens0016	7	E06000001	1	0	0	0
##	544	Ens0017	7	E06000001	46	0	6	6
##	545	Ens0018	7	E06000001	42	0	2	2
##	546	Ens0019	7	E06000001	5	0	0	0
##	547	Ens001a	7	E06000001	5	1	0	1
##	548	Ens001b	7	E06000001	571	16	0	16
##	549	Ens001c	7	E06000001	1	0	0	0
##	550	Ens001d	7	E06000001	231	1	60	61
##	551	Ens0000	8	E06000001	109	3	0	3
##	552	Ens0001	8	E06000001	5	0	0	0
##	553	Ens0002	8	E06000001	2923	269	0	269
##	554	Ens0003	8	E06000001	3	0	0	0
##	555	Ens0004	8	E06000001	4	0	0	0
##	556	Ens0005	8	E06000001	12	0	10	10
##	557	Ens0006	8	E06000001	33	0	10	10
##	558	Ens0007	8	E06000001	2	0	0	0

##	559	Ens0008	8	E06000001	14	0	0	0
##	560	Ens0009	8	E06000001	272	0	89	89
##	561	Ens000a	8	E06000001	26	2	2	4
##	562	Ens000b	8	E06000001	73	0	14	14
##	563	Ens000c	8	E06000001	214	5	1	6
##	564	Ens000d	8	E06000001	16	0	0	0
##	565	Ens000e	8	E06000001	3362	2	603	605
##	566	Ens000f	8	E06000001	173	16	0	16
##	567	Ens000g	8	E06000001	1	0	0	0
##	568	Ens000h	8	E06000001	314	1	111	112
##	569	Ens000i	8	E06000001	45	3	1	4
##	570	Ens000j	8	E06000001	5	0	0	0
##	571	Ens000k	8	E06000001	9	0	0	0
##	572	Ens000l	8	E06000001	8	0	3	3
##	573	Ens000m	8	E06000001	397	16	0	16
##	574	Ens000n	8	E06000001	38	4	0	4
##	575	Ens000o	8	E06000001	41	0	15	15
##	576	Ens000p	8	E06000001	589	0	284	284
##	577	Ens000q	8	E06000001	0	0	0	0
##	578	Ens000r	8	E06000001	899	73	0	73
##	579	Ens000s	8	E06000001	3942	180	209	389
##	580	Ens000t	8	E06000001	383	12	0	12
##	581	Ens000u	8	E06000001	41	0	4	4
##	582	Ens000v	8	E06000001	5	0	11	11
##	583	Ens000w	8	E06000001	17	0	2	2
##	584	Ens000x	8	E06000001	178	6	133	139
##	585	Ens000y	8	E06000001	0	0	0	0
##	586	Ens000z	8	E06000001	1	0	0	0
##	587	Ens0010	8	E06000001	9	0	1	1
##	588	Ens0011	8	E06000001	29	0	6	6
##	589	Ens0012	8	E06000001	2	0	0	0
##	590	Ens0013	8	E06000001	13	0	5	5
##	591	Ens0014	8	E06000001	40	0	11	11
##	592	Ens0015	8	E06000001	4180	613	39	652
##	593	Ens0016	8	E06000001	3	1	0	1
##	594	Ens0017	8	E06000001	82	0	11	11
##	595	Ens0018	8	E06000001	41	1	5	6
##	596	Ens0019	8	E06000001	4	0	0	0
##	597	Ens001a	8	E06000001	5	0	0	0
##	598	Ens001b	8	E06000001	399	6	0	6
##	599	Ens001c	8	E06000001	0	0	0	0
##	600	Ens001d	8	E06000001	129	0	18	18
##	601	Ens0000	9	E06000001	94	3	0	3
##	602	Ens0001	9	E06000001	0	0	0	0
##	603	Ens0002	9	E06000001	2833	238	0	238
##	604	Ens0003	9	E06000001	4	0	0	0
##	605	Ens0004	9	E06000001	1	0	0	0
##	606	Ens0005	9	E06000001	13	0	9	9
##	607	Ens0006	9	E06000001	84	0	18	18
##	608	Ens0007	9	E06000001	0	0	0	0
##	609	Ens0008	9	E06000001	17	0	0	0
##	610	Ens0009	9	E06000001	471	0	142	142
##	611	Ens000a	9	E06000001	37	0	6	6
##	612	Ens000b	9	E06000001	120	0	16	16
##	613	Ens000c	9	E06000001	364	1	1	2
##	614	Ens000d	9	E06000001	17	0	0	0
##	615	Ens000e	9	E06000001	3017	2	557	559
##	616	Ens000f	9	E06000001	203	17	0	17
##	617	Ens000g	9	E06000001	8	1	0	1
##	618	Ens000h	9	E06000001	250	0	67	67
##	619	Ens000i	9	E06000001	22	2	0	2
##	620	Ens000j	9	E06000001	5	0	0	0
##	621	Ens000k	9	E06000001	17	0	0	0
##	622	Ens000l	9	E06000001	21	0	1	1
##	623	Ens000m	9	E06000001	262	7	0	7
##	624	Ens000n	9	E06000001	11	2	0	2
##	625	Ens000o	9	E06000001	37	0	16	16
##	626	Ens000p	9	E06000001	198	0	71	71
##	627	Ens000q	9	E06000001	0	0	0	0
##	628	Ens000r	9	E06000001	810	67	0	67

## 629	Ens000s	9	E06000001	3161	115	175	290
## 630	Ens000t	9	E06000001	344	13	0	13
## 631	Ens000u	9	E06000001	152	0	29	29
## 632	Ens000v	9	E06000001	0	0	3	3
## 633	Ens000w	9	E06000001	11	0	4	4
## 634	Ens000x	9	E06000001	1113	48	766	814
## 635	Ens000y	9	E06000001	2	0	1	1
## 636	Ens000z	9	E06000001	2	0	0	0
## 637	Ens0010	9	E06000001	19	0	20	20
## 638	Ens0011	9	E06000001	18	0	3	3
## 639	Ens0012	9	E06000001	2	0	1	1
## 640	Ens0013	9	E06000001	15	0	1	1
## 641	Ens0014	9	E06000001	29	0	7	7
## 642	Ens0015	9	E06000001	4268	658	45	703
## 643	Ens0016	9	E06000001	5	1	0	1
## 644	Ens0017	9	E06000001	39	0	4	4
## 645	Ens0018	9	E06000001	47	2	2	4
## 646	Ens0019	9	E06000001	3	0	0	0
## 647	Ens001a	9	E06000001	16	0	0	0
## 648	Ens001b	9	E06000001	483	6	0	6
## 649	Ens001c	9	E06000001	1	0	0	0
## 650	Ens001d	9	E06000001	233	1	30	31
## 651	Ens0000	10	E06000001	131	7	0	7
## 652	Ens0001	10	E06000001	0	0	0	0
## 653	Ens0002	10	E06000001	2592	217	0	217
## 654	Ens0003	10	E06000001	2	0	0	0
## 655	Ens0004	10	E06000001	2	0	0	0
## 656	Ens0005	10	E06000001	13	0	13	13
## 657	Ens0006	10	E06000001	32	0	5	5
## 658	Ens0007	10	E06000001	2	0	1	1
## 659	Ens0008	10	E06000001	8	0	0	0
## 660	Ens0009	10	E06000001	210	0	83	83
## 661	Ens000a	10	E06000001	63	3	18	21
## 662	Ens000b	10	E06000001	57	0	5	5
## 663	Ens000c	10	E06000001	314	5	1	6
## 664	Ens000d	10	E06000001	25	1	0	1
## 665	Ens000e	10	E06000001	3322	5	628	633
## 666	Ens000f	10	E06000001	271	25	0	25
## 667	Ens000g	10	E06000001	1	0	0	0
## 668	Ens000h	10	E06000001	701	1	241	242
## 669	Ens000i	10	E06000001	37	2	0	2
## 670	Ens000j	10	E06000001	1	0	0	0
## 671	Ens000k	10	E06000001	15	1	0	1
## 672	Ens000l	10	E06000001	9	0	4	4
## 673	Ens000m	10	E06000001	362	14	0	14
## 674	Ens000n	10	E06000001	18	3	0	3
## 675	Ens000o	10	E06000001	27	0	15	15
## 676	Ens000p	10	E06000001	132	0	54	54
## 677	Ens000q	10	E06000001	0	0	0	0
## 678	Ens000r	10	E06000001	679	57	0	57
## 679	Ens000s	10	E06000001	3500	128	150	278
## 680	Ens000t	10	E06000001	285	16	0	16
## 681	Ens000u	10	E06000001	79	0	19	19
## 682	Ens000v	10	E06000001	4	1	6	7
## 683	Ens000w	10	E06000001	8	0	3	3
## 684	Ens000x	10	E06000001	229	11	144	155
## 685	Ens000y	10	E06000001	0	0	0	0
## 686	Ens000z	10	E06000001	0	0	0	0
## 687	Ens0010	10	E06000001	13	1	6	7
## 688	Ens0011	10	E06000001	14	0	0	0
## 689	Ens0012	10	E06000001	0	0	0	0
## 690	Ens0013	10	E06000001	15	0	3	3
## 691	Ens0014	10	E06000001	80	0	24	24
## 692	Ens0015	10	E06000001	4144	634	45	679
## 693	Ens0016	10	E06000001	2	1	0	1
## 694	Ens0017	10	E06000001	25	0	4	4
## 695	Ens0018	10	E06000001	42	1	7	8
## 696	Ens0019	10	E06000001	4	0	0	0
## 697	Ens001a	10	E06000001	9	1	0	1
## 698	Ens001b	10	E06000001	502	12	0	12

##	699	Ens001c	10	E06000001	1	0	0	0
##	700	Ens001d	10	E06000001	146	0	28	28
##	701	Ens0000	1	E06000002	136	12	0	12
##	702	Ens0001	1	E06000002	0	0	0	0
##	703	Ens0002	1	E06000002	4259	369	0	369
##	704	Ens0003	1	E06000002	4	0	0	0
##	705	Ens0004	1	E06000002	4	0	0	0
##	706	Ens0005	1	E06000002	28	0	25	25
##	707	Ens0006	1	E06000002	53	0	16	16
##	708	Ens0007	1	E06000002	9	0	0	0
##	709	Ens0008	1	E06000002	45	1	0	1
##	710	Ens0009	1	E06000002	435	0	165	165
##	711	Ens000a	1	E06000002	52	6	9	15
##	712	Ens000b	1	E06000002	64	0	7	7
##	713	Ens000c	1	E06000002	351	5	1	6
##	714	Ens000d	1	E06000002	53	0	0	0
##	715	Ens000e	1	E06000002	4715	0	871	871
##	716	Ens000f	1	E06000002	262	19	0	19
##	717	Ens000g	1	E06000002	8	1	0	1
##	718	Ens000h	1	E06000002	298	0	133	133
##	719	Ens000i	1	E06000002	47	3	0	3
##	720	Ens000j	1	E06000002	2	0	0	0
##	721	Ens000k	1	E06000002	7	0	0	0
##	722	Ens000l	1	E06000002	30	0	6	6
##	723	Ens000m	1	E06000002	486	18	0	18
##	724	Ens000n	1	E06000002	17	2	0	2
##	725	Ens000o	1	E06000002	68	0	20	20
##	726	Ens000p	1	E06000002	203	0	79	79
##	727	Ens000q	1	E06000002	1	0	0	0
##	728	Ens000r	1	E06000002	1433	129	1	130
##	729	Ens000s	1	E06000002	5356	259	260	519
##	730	Ens000t	1	E06000002	447	28	0	28
##	731	Ens000u	1	E06000002	57	0	14	14
##	732	Ens000v	1	E06000002	6	0	9	9
##	733	Ens000w	1	E06000002	6	0	1	1
##	734	Ens000x	1	E06000002	484	9	332	341
##	735	Ens000y	1	E06000002	0	0	0	0
##	736	Ens000z	1	E06000002	2	0	0	0
##	737	Ens0010	1	E06000002	10	0	14	14
##	738	Ens0011	1	E06000002	8	0	2	2
##	739	Ens0012	1	E06000002	1	0	0	0
##	740	Ens0013	1	E06000002	36	0	12	12
##	741	Ens0014	1	E06000002	42	0	10	10
##	742	Ens0015	1	E06000002	6226	905	65	970
##	743	Ens0016	1	E06000002	5	1	0	1
##	744	Ens0017	1	E06000002	64	0	9	9
##	745	Ens0018	1	E06000002	100	2	16	18
##	746	Ens0019	1	E06000002	14	2	0	2
##	747	Ens001a	1	E06000002	22	0	0	0
##	748	Ens001b	1	E06000002	885	23	0	23
##	749	Ens001c	1	E06000002	1	0	0	0
##	750	Ens001d	1	E06000002	526	1	108	109
##	751	Ens001e	1	E06000002	47	0	17	17
##	752	Ens001f	1	E06000002	17	1	0	1
##	753	Ens001g	1	E06000002	787	0	289	289
##	754	Ens001h	1	E06000002	552	7	27	34
##	755	Ens001i	1	E06000002	4	0	0	0
##	756	Ens001j	1	E06000002	19	0	0	0
##	757	Ens001k	1	E06000002	5	0	0	0
##	758	Ens001l	1	E06000002	24	4	6	10
##	759	Ens001m	1	E06000002	71	1	3	4
##	760	Ens001n	1	E06000002	324	9	7	16
##	761	Ens001o	1	E06000002	15	0	2	2
##	762	Ens001p	1	E06000002	783	71	0	71
##	763	Ens001q	1	E06000002	148	3	0	3
##	764	Ens001r	1	E06000002	250	13	2	15
##	765	Ens001s	1	E06000002	28	0	7	7
##	766	Ens001t	1	E06000002	0	0	0	0
##	767	Ens001u	1	E06000002	10	1	0	1
##	768	Ens001v	1	E06000002	653	12	0	12

##	769	Ens001w	1	E06000002	169	6	0	6
##	770	Ens001x	1	E06000002	3	1	0	1
##	771	Ens001y	1	E06000002	2782	358	0	358
##	772	Ens001z	1	E06000002	4	0	0	0
##	773	Ens0020	1	E06000002	22	3	0	3
##	774	Ens0021	1	E06000002	92	4	29	33
##	775	Ens0022	1	E06000002	78	2	0	2
##	776	Ens0023	1	E06000002	2180	250	0	250
##	777	Ens0024	1	E06000002	4	0	0	0
##	778	Ens0025	1	E06000002	13	0	0	0
##	779	Ens0026	1	E06000002	3377	0	777	777
##	780	Ens0027	1	E06000002	4	0	0	0
##	781	Ens0028	1	E06000002	1	0	0	0
##	782	Ens0029	1	E06000002	374	14	78	92
##	783	Ens002a	1	E06000002	74	0	5	5
##	784	Ens002b	1	E06000002	747	17	0	17
##	785	Ens002c	1	E06000002	40	0	18	18
##	786	Ens002d	1	E06000002	4	0	0	0
##	787	Ens002e	1	E06000002	129	0	75	75
##	788	Ens002f	1	E06000002	23	0	22	22
##	789	Ens002g	1	E06000002	508	20	0	20
##	790	Ens002h	1	E06000002	755	1	152	153
##	791	Ens002i	1	E06000002	1702	24	0	24
##	792	Ens002j	1	E06000002	25	0	1	1
##	793	Ens002k	1	E06000002	0	0	0	0
##	794	Ens002l	1	E06000002	51	3	0	3
##	795	Ens002m	1	E06000002	68	6	0	6
##	796	Ens002n	1	E06000002	50	6	10	16
##	797	Ens002o	1	E06000002	179	0	10	10
##	798	Ens002p	1	E06000002	56	5	0	5
##	799	Ens002q	1	E06000002	0	0	0	0
##	800	Ens002r	1	E06000002	4	0	0	0
##	801	Ens002s	1	E06000002	222	7	0	7
##	802	Ens002t	1	E06000002	1810	176	0	176
##	803	Ens002u	1	E06000002	50	3	0	3
##	804	Ens002v	1	E06000002	3	0	0	0
##	805	Ens002w	1	E06000002	1898	103	0	103
##	806	Ens002x	1	E06000002	777	40	0	40
##	807	Ens002y	1	E06000002	145	11	28	39
##	808	Ens002z	1	E06000002	1512	0	231	231
##	809	Ens0030	1	E06000002	2510	0	290	290
##	810	Ens0031	1	E06000002	19	0	6	6
##	811	Ens0032	1	E06000002	233	10	1	11
##	812	Ens0033	1	E06000002	3567	111	7	118
##	813	Ens0034	1	E06000002	44	0	7	7
##	814	Ens0035	1	E06000002	448	24	2	26
##	815	Ens0036	1	E06000002	25	0	10	10
##	816	Ens0037	1	E06000002	21	4	0	4
##	817	Ens0038	1	E06000002	951	0	230	230
##	818	Ens0039	1	E06000002	17	0	5	5
##	819	Ens003a	1	E06000002	801	74	0	74
##	820	Ens003b	1	E06000002	0	0	0	0
##	821	Ens003c	1	E06000002	9	0	1	1
##	822	Ens003d	1	E06000002	30	0	0	0
##	823	Ens003e	1	E06000002	4223	0	751	751
##	824	Ens003f	1	E06000002	24	0	9	9
##	825	Ens003g	1	E06000002	8	0	0	0
##	826	Ens003h	1	E06000002	19	0	0	0
##	827	Ens003i	1	E06000002	40	0	7	7
##	828	Ens003j	1	E06000002	5	0	2	2
##	829	Ens003k	1	E06000002	41	3	10	13
##	830	Ens003l	1	E06000002	1	0	0	0
##	831	Ens003m	1	E06000002	0	0	0	0
##	832	Ens003n	1	E06000002	3	0	2	2
##	833	Ens003o	1	E06000002	0	0	0	0
##	834	Ens003p	1	E06000002	38	2	0	2
##	835	Ens003q	1	E06000002	21	0	0	0
##	836	Ens003r	1	E06000002	15	0	4	4
##	837	Ens003s	1	E06000002	4	0	0	0
##	838	Ens003t	1	E06000002	2	0	0	0

## 839	Ens003u	1	E06000002	405	5	20	25
## 840	Ens003v	1	E06000002	0	0	0	0
## 841	Ens003w	1	E06000002	2720	43	434	477
## 842	Ens003x	1	E06000002	2	0	0	0
## 843	Ens003y	1	E06000002	247	4	4	8
## 844	Ens003z	1	E06000002	226	22	0	22
## 845	Ens0040	1	E06000002	10	0	1	1
## 846	Ens0041	1	E06000002	25	4	0	4
## 847	Ens0042	1	E06000002	1	1	0	1
## 848	Ens0043	1	E06000002	7	0	0	0
## 849	Ens0044	1	E06000002	3011	51	3	54
## 850	Ens0045	1	E06000002	254	14	8	22
## 851	Ens0046	1	E06000002	1729	117	0	117
## 852	Ens0047	1	E06000002	132	0	49	49
## 853	Ens0048	1	E06000002	259	13	0	13
## 854	Ens0049	1	E06000002	0	0	0	0
## 855	Ens004a	1	E06000002	166	0	44	44
## 856	Ens004b	1	E06000002	14	0	5	5
## 857	Ens004c	1	E06000002	0	0	0	0
## 858	Ens004d	1	E06000002	4	0	0	0
## 859	Ens004e	1	E06000002	584	0	96	96
## 860	Ens004f	1	E06000002	5	0	2	2
## 861	Ens004g	1	E06000002	136	0	43	43
## 862	Ens004h	1	E06000002	2478	0	182	182
## 863	Ens004i	1	E06000002	36	0	12	12
## 864	Ens004j	1	E06000002	5	0	0	0
## 865	Ens004k	1	E06000002	6724	536	0	536
## 866	Ens004l	1	E06000002	42	0	34	34
## 867	Ens004m	1	E06000002	4	0	0	0
## 868	Ens004n	1	E06000002	7	0	0	0
## 869	Ens004o	1	E06000002	25	1	0	1
## 870	Ens004p	1	E06000002	13	0	4	4
## 871	Ens004q	1	E06000002	438	7	2	9
## 872	Ens004r	1	E06000002	12	0	0	0
## 873	Ens004s	1	E06000002	9	0	1	1
## 874	Ens004t	1	E06000002	14	4	0	4
## 875	Ens004u	1	E06000002	51	3	0	3
## 876	Ens004v	1	E06000002	294	11	2	13
## 877	Ens004w	1	E06000002	11	0	3	3
## 878	Ens004x	1	E06000002	937	0	248	248
## 879	Ens004y	1	E06000002	18	0	4	4
## 880	Ens004z	1	E06000002	49	0	13	13
## 881	Ens0050	1	E06000002	2	0	1	1
## 882	Ens0051	1	E06000002	25	1	1	2
## 883	Ens0052	1	E06000002	9	0	1	1
## 884	Ens0053	1	E06000002	4773	307	38	345
## 885	Ens0054	1	E06000002	5	1	3	4
## 886	Ens0055	1	E06000002	149	5	1	6
## 887	Ens0056	1	E06000002	2098	34	0	34
## 888	Ens0057	1	E06000002	1112	63	0	63
## 889	Ens0058	1	E06000002	356	3	119	122
## 890	Ens0059	1	E06000002	82	1	0	1
## 891	Ens005a	1	E06000002	1995	0	617	617
## 892	Ens005b	1	E06000002	263	0	53	53
## 893	Ens005c	1	E06000002	2	0	0	0
## 894	Ens005d	1	E06000002	10	1	0	1
## 895	Ens005e	1	E06000002	251	1	77	78
## 896	Ens005f	1	E06000002	688	0	72	72
## 897	Ens005g	1	E06000002	50	0	5	5
## 898	Ens005h	1	E06000002	3	0	0	0
## 899	Ens005i	1	E06000002	1	0	0	0
## 900	Ens005j	1	E06000002	145	12	0	12
## 901	Ens005k	1	E06000002	91	7	0	7
## 902	Ens005l	1	E06000002	1	0	0	0
## 903	Ens005m	1	E06000002	7	0	1	1
## 904	Ens005n	1	E06000002	35	0	0	0
## 905	Ens005o	1	E06000002	346	0	149	149
## 906	Ens005p	1	E06000002	87	0	20	20
## 907	Ens005q	1	E06000002	2	0	0	0
## 908	Ens005r	1	E06000002	6	0	0	0

##	909	Ens005s	1	E06000002	2	0	1	1
##	910	Ens005t	1	E06000002	798	2	1680	1682
##	911	Ens005u	1	E06000002	44	2	0	2
##	912	Ens005v	1	E06000002	30	1	21	22
##	913	Ens005w	1	E06000002	273	0	175	175
##	914	Ens005x	1	E06000002	7	0	1	1
##	915	Ens005y	1	E06000002	246	21	0	21
##	916	Ens005z	1	E06000002	110	0	31	31
##	917	Ens0060	1	E06000002	56	0	0	0
##	918	Ens0061	1	E06000002	2018	191	12	203
##	919	Ens0062	1	E06000002	1337	0	351	351
##	920	Ens0063	1	E06000002	70	2	0	2
##	921	Ens0064	1	E06000002	1158	44	68	112
##	922	Ens0065	1	E06000002	5	0	0	0
##	923	Ens0066	1	E06000002	133	4	12	16
##	924	Ens0067	1	E06000002	0	0	0	0
##	925	Ens0068	1	E06000002	1	0	1	1
##	926	Ens0069	1	E06000002	10	0	0	0
##	927	Ens006a	1	E06000002	38	0	0	0
##	928	Ens006b	1	E06000002	695	33	0	33
##	929	Ens006c	1	E06000002	3659	739	8	747
##	930	Ens006d	1	E06000002	477	0	205	205
##	931	Ens006e	1	E06000002	146	16	4	20
##	932	Ens006f	1	E06000002	1157	0	199	199
##	933	Ens006g	1	E06000002	3610	412	0	412
##	934	Ens006h	1	E06000002	43	0	11	11
##	935	Ens006i	1	E06000002	742	12	0	12
##	936	Ens006j	1	E06000002	1	0	0	0
##	937	Ens006k	1	E06000002	134	2	0	2
##	938	Ens006l	1	E06000002	74	3	15	18
##	939	Ens006m	1	E06000002	4385	309	0	309
##	940	Ens006n	1	E06000002	26	1	0	1
##	941	Ens006o	1	E06000002	92	4	1	5
##	942	Ens006p	1	E06000002	3	0	2	2
##	943	Ens006q	1	E06000002	21	0	7	7
##	944	Ens006r	1	E06000002	69	0	11	11
##	945	Ens006s	1	E06000002	82	0	44	44
##	946	Ens006t	1	E06000002	10	0	0	0
##	947	Ens006u	1	E06000002	3	0	0	0
##	948	Ens006v	1	E06000002	23	0	3	3
##	949	Ens006w	1	E06000002	3	0	1	1
##	950	Ens006x	1	E06000002	40	0	0	0
##	951	Ens0000	2	E06000002	317	13	0	13
##	952	Ens0001	2	E06000002	8	0	0	0
##	953	Ens0002	2	E06000002	4972	506	0	506
##	954	Ens0003	2	E06000002	9	0	0	0
##	955	Ens0004	2	E06000002	4	0	0	0
##	956	Ens0005	2	E06000002	25	0	19	19
##	957	Ens0006	2	E06000002	53	0	13	13
##	958	Ens0007	2	E06000002	12	0	1	1
##	959	Ens0008	2	E06000002	18	2	0	2
##	960	Ens0009	2	E06000002	461	0	164	164
##	961	Ens000a	2	E06000002	65	2	12	14
##	962	Ens000b	2	E06000002	80	0	9	9
##	963	Ens000c	2	E06000002	451	5	3	8
##	964	Ens000d	2	E06000002	28	0	0	0
##	965	Ens000e	2	E06000002	4750	1	859	860
##	966	Ens000f	2	E06000002	466	34	0	34
##	967	Ens000g	2	E06000002	12	0	0	0
##	968	Ens000h	2	E06000002	382	0	144	144
##	969	Ens000i	2	E06000002	88	10	0	10
##	970	Ens000j	2	E06000002	2	0	0	0
##	971	Ens000k	2	E06000002	12	1	0	1
##	972	Ens000l	2	E06000002	20	0	5	5
##	973	Ens000m	2	E06000002	537	13	0	13
##	974	Ens000n	2	E06000002	35	4	0	4
##	975	Ens000o	2	E06000002	56	0	32	32
##	976	Ens000p	2	E06000002	241	0	117	117
##	977	Ens000q	2	E06000002	1	0	0	0
##	978	Ens000r	2	E06000002	925	66	0	66



##	979	Ens000s	2	E06000002	4773	185	238	423
##	980	Ens000t	2	E06000002	383	16	0	16
##	981	Ens000u	2	E06000002	56	0	16	16
##	982	Ens000v	2	E06000002	7	0	6	6
##	983	Ens000w	2	E06000002	11	0	1	1
##	984	Ens000x	2	E06000002	276	6	186	192
##	985	Ens000y	2	E06000002	0	0	1	1
##	986	Ens000z	2	E06000002	0	0	0	0
##	987	Ens0010	2	E06000002	14	0	7	7
##	988	Ens0011	2	E06000002	35	0	9	9
##	989	Ens0012	2	E06000002	1	0	0	0
##	990	Ens0013	2	E06000002	31	0	10	10
##	991	Ens0014	2	E06000002	29	0	8	8
##	992	Ens0015	2	E06000002	6193	952	67	1019
##	993	Ens0016	2	E06000002	3	0	0	0
##	994	Ens0017	2	E06000002	53	0	9	9
##	995	Ens0018	2	E06000002	148	5	14	19
##	996	Ens0019	2	E06000002	14	1	0	1
##	997	Ens001a	2	E06000002	17	0	0	0
##	998	Ens001b	2	E06000002	818	14	0	14
##	999	Ens001c	2	E06000002	1	0	0	0
##	1000	Ens001d	2	E06000002	592	2	117	119
##	1001	Ens0000	3	E06000002	133	7	0	7
##	1002	Ens0001	3	E06000002	2	0	0	0
##	1003	Ens0002	3	E06000002	4207	355	0	355
##	1004	Ens0003	3	E06000002	6	0	0	0
##	1005	Ens0004	3	E06000002	8	1	0	1
##	1006	Ens0005	3	E06000002	64	0	46	46
##	1007	Ens0006	3	E06000002	85	0	27	27
##	1008	Ens0007	3	E06000002	2	0	1	1
##	1009	Ens0008	3	E06000002	16	1	0	1
##	1010	Ens0009	3	E06000002	378	0	117	117
##	1011	Ens000a	3	E06000002	54	4	15	19
##	1012	Ens000b	3	E06000002	58	0	14	14
##	1013	Ens000c	3	E06000002	456	8	3	11
##	1014	Ens000d	3	E06000002	66	2	0	2
##	1015	Ens000e	3	E06000002	4758	1	895	896
##	1016	Ens000f	3	E06000002	354	24	0	24
##	1017	Ens000g	3	E06000002	4	0	0	0
##	1018	Ens000h	3	E06000002	299	0	103	103
##	1019	Ens000i	3	E06000002	87	9	0	9
##	1020	Ens000j	3	E06000002	2	0	0	0
##	1021	Ens000k	3	E06000002	11	0	0	0
##	1022	Ens000l	3	E06000002	32	0	12	12
##	1023	Ens000m	3	E06000002	394	10	0	10
##	1024	Ens000n	3	E06000002	11	1	0	1
##	1025	Ens000o	3	E06000002	74	0	27	27
##	1026	Ens000p	3	E06000002	455	0	182	182
##	1027	Ens000q	3	E06000002	3	0	0	0
##	1028	Ens000r	3	E06000002	1123	97	0	97
##	1029	Ens000s	3	E06000002	5686	247	259	506
##	1030	Ens000t	3	E06000002	449	25	0	25
##	1031	Ens000u	3	E06000002	46	0	9	9
##	1032	Ens000v	3	E06000002	10	2	14	16
##	1033	Ens000w	3	E06000002	10	0	1	1
##	1034	Ens000x	3	E06000002	349	20	226	246
##	1035	Ens000y	3	E06000002	0	0	0	0
##	1036	Ens000z	3	E06000002	0	0	0	0
##	1037	Ens0010	3	E06000002	9	0	18	18
##	1038	Ens0011	3	E06000002	22	0	0	0
##	1039	Ens0012	3	E06000002	2	0	1	1
##	1040	Ens0013	3	E06000002	32	0	7	7
##	1041	Ens0014	3	E06000002	36	0	11	11
##	1042	Ens0015	3	E06000002	6025	912	56	968
##	1043	Ens0016	3	E06000002	0	0	0	0
##	1044	Ens0017	3	E06000002	61	0	12	12
##	1045	Ens0018	3	E06000002	57	1	5	6
##	1046	Ens0019	3	E06000002	46	3	0	3
##	1047	Ens001a	3	E06000002	16	0	0	0
##	1048	Ens001b	3	E06000002	1169	29	0	29

##	1049	Ens001c	3	E06000002	1	0	0	0
##	1050	Ens001d	3	E06000002	246	0	41	41
##	1051	Ens0000	4	E06000002	175	10	0	10
##	1052	Ens0001	4	E06000002	0	0	0	0
##	1053	Ens0002	4	E06000002	4464	389	0	389
##	1054	Ens0003	4	E06000002	5	0	0	0
##	1055	Ens0004	4	E06000002	4	0	0	0
##	1056	Ens0005	4	E06000002	20	0	10	10
##	1057	Ens0006	4	E06000002	163	0	28	28
##	1058	Ens0007	4	E06000002	5	0	1	1
##	1059	Ens0008	4	E06000002	11	0	0	0
##	1060	Ens0009	4	E06000002	396	0	133	133
##	1061	Ens000a	4	E06000002	67	4	9	13
##	1062	Ens000b	4	E06000002	101	0	19	19
##	1063	Ens000c	4	E06000002	387	6	3	9
##	1064	Ens000d	4	E06000002	46	3	0	3
##	1065	Ens000e	4	E06000002	4294	2	779	781
##	1066	Ens000f	4	E06000002	302	21	0	21
##	1067	Ens000g	4	E06000002	10	1	0	1
##	1068	Ens000h	4	E06000002	430	1	172	173
##	1069	Ens000i	4	E06000002	41	3	0	3
##	1070	Ens000j	4	E06000002	1	0	0	0
##	1071	Ens000k	4	E06000002	12	1	0	1
##	1072	Ens000l	4	E06000002	18	0	4	4
##	1073	Ens000m	4	E06000002	378	11	0	11
##	1074	Ens000n	4	E06000002	9	1	0	1
##	1075	Ens000o	4	E06000002	83	0	40	40
##	1076	Ens000p	4	E06000002	266	0	129	129
##	1077	Ens000q	4	E06000002	0	0	0	0
##	1078	Ens000r	4	E06000002	1077	87	2	89
##	1079	Ens000s	4	E06000002	4472	168	233	401
##	1080	Ens000t	4	E06000002	509	24	1	25
##	1081	Ens000u	4	E06000002	50	0	13	13
##	1082	Ens000v	4	E06000002	12	2	14	16
##	1083	Ens000w	4	E06000002	20	0	1	1
##	1084	Ens000x	4	E06000002	368	11	255	266
##	1085	Ens000y	4	E06000002	0	0	0	0
##	1086	Ens000z	4	E06000002	3	0	0	0
##	1087	Ens0010	4	E06000002	10	2	12	14
##	1088	Ens0011	4	E06000002	22	0	2	2
##	1089	Ens0012	4	E06000002	3	0	0	0
##	1090	Ens0013	4	E06000002	36	1	6	7
##	1091	Ens0014	4	E06000002	68	0	18	18
##	1092	Ens0015	4	E06000002	6263	1027	68	1095
##	1093	Ens0016	4	E06000002	4	0	0	0
##	1094	Ens0017	4	E06000002	67	0	14	14
##	1095	Ens0018	4	E06000002	46	2	5	7
##	1096	Ens0019	4	E06000002	12	1	0	1
##	1097	Ens001a	4	E06000002	25	4	0	4
##	1098	Ens001b	4	E06000002	846	21	0	21
##	1099	Ens001c	4	E06000002	0	0	0	0
##	1100	Ens001d	4	E06000002	323	0	60	60
##	1101	Ens0000	5	E06000002	202	15	0	15
##	1102	Ens0001	5	E06000002	0	0	0	0
##	1103	Ens0002	5	E06000002	3782	301	0	301
##	1104	Ens0003	5	E06000002	3	0	0	0
##	1105	Ens0004	5	E06000002	3	0	0	0
##	1106	Ens0005	5	E06000002	39	0	26	26
##	1107	Ens0006	5	E06000002	76	0	14	14
##	1108	Ens0007	5	E06000002	4	0	2	2
##	1109	Ens0008	5	E06000002	18	1	0	1
##	1110	Ens0009	5	E06000002	497	0	149	149
##	1111	Ens000a	5	E06000002	51	2	8	10
##	1112	Ens000b	5	E06000002	111	0	15	15
##	1113	Ens000c	5	E06000002	394	6	1	7
##	1114	Ens000d	5	E06000002	49	1	0	1
##	1115	Ens000e	5	E06000002	4904	1	862	863
##	1116	Ens000f	5	E06000002	342	27	0	27
##	1117	Ens000g	5	E06000002	9	0	0	0
##	1118	Ens000h	5	E06000002	535	1	175	176

##	1119	Ens000i	5	E06000002	25	3	0	3
##	1120	Ens000j	5	E06000002	1	1	0	1
##	1121	Ens000k	5	E06000002	15	1	0	1
##	1122	Ens000l	5	E06000002	13	0	3	3
##	1123	Ens000m	5	E06000002	609	25	1	26
##	1124	Ens000n	5	E06000002	15	0	0	0
##	1125	Ens000o	5	E06000002	61	0	26	26
##	1126	Ens000p	5	E06000002	345	0	147	147
##	1127	Ens000q	5	E06000002	0	0	0	0
##	1128	Ens000r	5	E06000002	1037	96	1	97
##	1129	Ens000s	5	E06000002	4858	211	252	463
##	1130	Ens000t	5	E06000002	367	15	0	15
##	1131	Ens000u	5	E06000002	68	0	13	13
##	1132	Ens000v	5	E06000002	13	0	21	21
##	1133	Ens000w	5	E06000002	6	0	2	2
##	1134	Ens000x	5	E06000002	221	7	145	152
##	1135	Ens000y	5	E06000002	3	0	0	0
##	1136	Ens000z	5	E06000002	1	0	0	0
##	1137	Ens0010	5	E06000002	20	0	13	13
##	1138	Ens0011	5	E06000002	39	0	5	5
##	1139	Ens0012	5	E06000002	1	0	0	0
##	1140	Ens0013	5	E06000002	22	0	6	6
##	1141	Ens0014	5	E06000002	47	0	17	17
##	1142	Ens0015	5	E06000002	6015	856	77	933
##	1143	Ens0016	5	E06000002	8	1	0	1
##	1144	Ens0017	5	E06000002	88	0	17	17
##	1145	Ens0018	5	E06000002	60	1	3	4
##	1146	Ens0019	5	E06000002	13	1	0	1
##	1147	Ens001a	5	E06000002	16	1	0	1
##	1148	Ens001b	5	E06000002	871	15	0	15
##	1149	Ens001c	5	E06000002	0	0	0	0
##	1150	Ens001d	5	E06000002	313	1	47	48
##	1151	Ens0000	6	E06000002	152	14	0	14
##	1152	Ens0001	6	E06000002	0	0	0	0
##	1153	Ens0002	6	E06000002	4513	395	0	395
##	1154	Ens0003	6	E06000002	6	0	0	0
##	1155	Ens0004	6	E06000002	2	0	0	0
##	1156	Ens0005	6	E06000002	26	0	18	18
##	1157	Ens0006	6	E06000002	51	0	12	12
##	1158	Ens0007	6	E06000002	3	0	1	1
##	1159	Ens0008	6	E06000002	28	1	0	1
##	1160	Ens0009	6	E06000002	725	0	239	239
##	1161	Ens000a	6	E06000002	86	7	10	17
##	1162	Ens000b	6	E06000002	72	0	17	17
##	1163	Ens000c	6	E06000002	512	8	1	9
##	1164	Ens000d	6	E06000002	39	1	0	1
##	1165	Ens000e	6	E06000002	4993	2	918	920
##	1166	Ens000f	6	E06000002	361	17	0	17
##	1167	Ens000g	6	E06000002	6	0	0	0
##	1168	Ens000h	6	E06000002	487	1	165	166
##	1169	Ens000i	6	E06000002	26	1	0	1
##	1170	Ens000j	6	E06000002	7	1	0	1
##	1171	Ens000k	6	E06000002	34	3	0	3
##	1172	Ens000l	6	E06000002	37	0	8	8
##	1173	Ens000m	6	E06000002	509	22	0	22
##	1174	Ens000n	6	E06000002	35	4	0	4
##	1175	Ens000o	6	E06000002	49	0	26	26
##	1176	Ens000p	6	E06000002	317	0	148	148
##	1177	Ens000q	6	E06000002	1	0	0	0
##	1178	Ens000r	6	E06000002	1172	78	1	79
##	1179	Ens000s	6	E06000002	5137	183	236	419
##	1180	Ens000t	6	E06000002	400	15	0	15
##	1181	Ens000u	6	E06000002	122	0	29	29
##	1182	Ens000v	6	E06000002	21	0	20	20
##	1183	Ens000w	6	E06000002	8	0	1	1
##	1184	Ens000x	6	E06000002	347	11	255	266
##	1185	Ens000y	6	E06000002	1	0	0	0
##	1186	Ens000z	6	E06000002	0	0	0	0
##	1187	Ens0010	6	E06000002	17	1	16	17
##	1188	Ens0011	6	E06000002	19	0	2	2

##	1189	Ens0012	6	E06000002	3	0	0	0
##	1190	Ens0013	6	E06000002	41	0	11	11
##	1191	Ens0014	6	E06000002	43	0	10	10
##	1192	Ens0015	6	E06000002	6281	923	69	992
##	1193	Ens0016	6	E06000002	5	0	0	0
##	1194	Ens0017	6	E06000002	45	0	7	7
##	1195	Ens0018	6	E06000002	101	3	10	13
##	1196	Ens0019	6	E06000002	17	1	0	1
##	1197	Ens001a	6	E06000002	10	1	0	1
##	1198	Ens001b	6	E06000002	817	17	0	17
##	1199	Ens001c	6	E06000002	1	0	0	0
##	1200	Ens001d	6	E06000002	292	0	49	49
##	1201	Ens0000	7	E06000002	269	14	0	14
##	1202	Ens0001	7	E06000002	0	0	0	0
##	1203	Ens0002	7	E06000002	3999	316	0	316
##	1204	Ens0003	7	E06000002	5	0	0	0
##	1205	Ens0004	7	E06000002	1	0	0	0
##	1206	Ens0005	7	E06000002	25	0	11	11
##	1207	Ens0006	7	E06000002	51	0	9	9
##	1208	Ens0007	7	E06000002	6	0	0	0
##	1209	Ens0008	7	E06000002	16	1	0	1
##	1210	Ens0009	7	E06000002	424	0	161	161
##	1211	Ens000a	7	E06000002	53	2	9	11
##	1212	Ens000b	7	E06000002	72	0	17	17
##	1213	Ens000c	7	E06000002	355	3	2	5
##	1214	Ens000d	7	E06000002	88	3	0	3
##	1215	Ens000e	7	E06000002	4663	0	858	858
##	1216	Ens000f	7	E06000002	428	28	0	28
##	1217	Ens000g	7	E06000002	9	0	0	0
##	1218	Ens000h	7	E06000002	363	0	115	115
##	1219	Ens000i	7	E06000002	38	3	0	3
##	1220	Ens000j	7	E06000002	1	0	0	0
##	1221	Ens000k	7	E06000002	9	0	0	0
##	1222	Ens000l	7	E06000002	13	0	9	9
##	1223	Ens000m	7	E06000002	694	24	0	24
##	1224	Ens000n	7	E06000002	16	2	0	2
##	1225	Ens000o	7	E06000002	105	0	38	38
##	1226	Ens000p	7	E06000002	980	0	448	448
##	1227	Ens000q	7	E06000002	0	0	0	0
##	1228	Ens000r	7	E06000002	1647	132	1	133
##	1229	Ens000s	7	E06000002	4866	197	248	445
##	1230	Ens000t	7	E06000002	462	22	0	22
##	1231	Ens000u	7	E06000002	64	0	13	13
##	1232	Ens000v	7	E06000002	13	1	22	23
##	1233	Ens000w	7	E06000002	13	0	1	1
##	1234	Ens000x	7	E06000002	232	8	161	169
##	1235	Ens000y	7	E06000002	4	0	0	0
##	1236	Ens000z	7	E06000002	2	0	0	0
##	1237	Ens0010	7	E06000002	6	0	11	11
##	1238	Ens0011	7	E06000002	15	0	4	4
##	1239	Ens0012	7	E06000002	1	0	0	0
##	1240	Ens0013	7	E06000002	42	0	8	8
##	1241	Ens0014	7	E06000002	58	0	15	15
##	1242	Ens0015	7	E06000002	6116	887	84	971
##	1243	Ens0016	7	E06000002	5	1	0	1
##	1244	Ens0017	7	E06000002	71	0	9	9
##	1245	Ens0018	7	E06000002	103	1	11	12
##	1246	Ens0019	7	E06000002	10	1	0	1
##	1247	Ens001a	7	E06000002	14	1	0	1
##	1248	Ens001b	7	E06000002	832	17	0	17
##	1249	Ens001c	7	E06000002	2	0	0	0
##	1250	Ens001d	7	E06000002	305	0	59	59
##	1251	Ens0000	8	E06000002	193	9	0	9
##	1252	Ens0001	8	E06000002	2	0	0	0
##	1253	Ens0002	8	E06000002	4395	372	0	372
##	1254	Ens0003	8	E06000002	8	0	0	0
##	1255	Ens0004	8	E06000002	4	0	0	0
##	1256	Ens0005	8	E06000002	24	0	21	21
##	1257	Ens0006	8	E06000002	40	0	13	13
##	1258	Ens0007	8	E06000002	2	0	2	2

##	1259	Ens0008	8	E06000002	18	1	0	1
##	1260	Ens0009	8	E06000002	442	0	158	158
##	1261	Ens000a	8	E06000002	64	3	7	10
##	1262	Ens000b	8	E06000002	78	0	18	18
##	1263	Ens000c	8	E06000002	384	5	1	6
##	1264	Ens000d	8	E06000002	40	2	0	2
##	1265	Ens000e	8	E06000002	5130	3	926	929
##	1266	Ens000f	8	E06000002	236	13	0	13
##	1267	Ens000g	8	E06000002	4	0	0	0
##	1268	Ens000h	8	E06000002	443	1	154	155
##	1269	Ens000i	8	E06000002	58	3	0	3
##	1270	Ens000j	8	E06000002	1	1	0	1
##	1271	Ens000k	8	E06000002	15	2	0	2
##	1272	Ens000l	8	E06000002	36	0	11	11
##	1273	Ens000m	8	E06000002	645	17	0	17
##	1274	Ens000n	8	E06000002	26	9	0	9
##	1275	Ens000o	8	E06000002	56	0	23	23
##	1276	Ens000p	8	E06000002	814	0	306	306
##	1277	Ens000q	8	E06000002	1	0	0	0
##	1278	Ens000r	8	E06000002	1260	100	0	100
##	1279	Ens000s	8	E06000002	5973	299	288	587
##	1280	Ens000t	8	E06000002	527	31	0	31
##	1281	Ens000u	8	E06000002	70	0	16	16
##	1282	Ens000v	8	E06000002	11	0	20	20
##	1283	Ens000w	8	E06000002	13	0	3	3
##	1284	Ens000x	8	E06000002	184	5	151	156
##	1285	Ens000y	8	E06000002	0	0	0	0
##	1286	Ens000z	8	E06000002	2	0	0	0
##	1287	Ens0010	8	E06000002	16	0	16	16
##	1288	Ens0011	8	E06000002	16	0	5	5
##	1289	Ens0012	8	E06000002	0	0	0	0
##	1290	Ens0013	8	E06000002	21	0	3	3
##	1291	Ens0014	8	E06000002	75	0	17	17
##	1292	Ens0015	8	E06000002	6192	920	76	996
##	1293	Ens0016	8	E06000002	6	0	0	0
##	1294	Ens0017	8	E06000002	69	0	12	12
##	1295	Ens0018	8	E06000002	58	2	6	8
##	1296	Ens0019	8	E06000002	23	5	0	5
##	1297	Ens001a	8	E06000002	11	1	0	1
##	1298	Ens001b	8	E06000002	767	19	0	19
##	1299	Ens001c	8	E06000002	0	0	0	0
##	1300	Ens001d	8	E06000002	254	0	41	41
##	1301	Ens0000	9	E06000002	126	5	0	5
##	1302	Ens0001	9	E06000002	3	0	0	0
##	1303	Ens0002	9	E06000002	4109	404	0	404
##	1304	Ens0003	9	E06000002	3	0	0	0
##	1305	Ens0004	9	E06000002	6	1	0	1
##	1306	Ens0005	9	E06000002	26	0	23	23
##	1307	Ens0006	9	E06000002	66	0	12	12
##	1308	Ens0007	9	E06000002	5	0	1	1
##	1309	Ens0008	9	E06000002	25	0	0	0
##	1310	Ens0009	9	E06000002	884	0	257	257
##	1311	Ens000a	9	E06000002	55	2	5	7
##	1312	Ens000b	9	E06000002	67	0	13	13
##	1313	Ens000c	9	E06000002	698	17	1	18
##	1314	Ens000d	9	E06000002	28	0	0	0
##	1315	Ens000e	9	E06000002	4531	0	816	816
##	1316	Ens000f	9	E06000002	300	21	0	21
##	1317	Ens000g	9	E06000002	1	0	0	0
##	1318	Ens000h	9	E06000002	365	0	138	138
##	1319	Ens000i	9	E06000002	29	2	1	3
##	1320	Ens000j	9	E06000002	0	0	0	0
##	1321	Ens000k	9	E06000002	25	1	0	1
##	1322	Ens000l	9	E06000002	29	0	4	4
##	1323	Ens000m	9	E06000002	368	8	0	8
##	1324	Ens000n	9	E06000002	12	2	0	2
##	1325	Ens000o	9	E06000002	47	0	32	32
##	1326	Ens000p	9	E06000002	334	0	135	135
##	1327	Ens000q	9	E06000002	1	0	0	0
##	1328	Ens000r	9	E06000002	1285	97	1	98

##	1329	Ens000s	9	E06000002	5275	204	256	460
##	1330	Ens000t	9	E06000002	594	33	0	33
##	1331	Ens000u	9	E06000002	145	0	37	37
##	1332	Ens000v	9	E06000002	5	0	11	11
##	1333	Ens000w	9	E06000002	16	0	3	3
##	1334	Ens000x	9	E06000002	1519	60	1112	1172
##	1335	Ens000y	9	E06000002	0	0	0	0
##	1336	Ens000z	9	E06000002	1	0	0	0
##	1337	Ens0010	9	E06000002	26	0	26	26
##	1338	Ens0011	9	E06000002	19	0	7	7
##	1339	Ens0012	9	E06000002	2	0	1	1
##	1340	Ens0013	9	E06000002	25	1	2	3
##	1341	Ens0014	9	E06000002	41	0	15	15
##	1342	Ens0015	9	E06000002	6413	1024	59	1083
##	1343	Ens0016	9	E06000002	7	0	0	0
##	1344	Ens0017	9	E06000002	101	0	17	17
##	1345	Ens0018	9	E06000002	51	1	11	12
##	1346	Ens0019	9	E06000002	19	1	0	1
##	1347	Ens001a	9	E06000002	22	1	0	1
##	1348	Ens001b	9	E06000002	726	19	0	19
##	1349	Ens001c	9	E06000002	0	0	0	0
##	1350	Ens001d	9	E06000002	275	0	52	52
##	1351	Ens0000	10	E06000002	209	14	0	14
##	1352	Ens0001	10	E06000002	7	0	0	0
##	1353	Ens0002	10	E06000002	4032	323	0	323
##	1354	Ens0003	10	E06000002	5	0	0	0
##	1355	Ens0004	10	E06000002	8	0	0	0
##	1356	Ens0005	10	E06000002	48	0	27	27
##	1357	Ens0006	10	E06000002	75	0	13	13
##	1358	Ens0007	10	E06000002	5	0	0	0
##	1359	Ens0008	10	E06000002	25	0	0	0
##	1360	Ens0009	10	E06000002	325	0	104	104
##	1361	Ens000a	10	E06000002	85	6	13	19
##	1362	Ens000b	10	E06000002	77	0	11	11
##	1363	Ens000c	10	E06000002	545	8	2	10
##	1364	Ens000d	10	E06000002	35	0	0	0
##	1365	Ens000e	10	E06000002	4929	8	921	929
##	1366	Ens000f	10	E06000002	416	36	0	36
##	1367	Ens000g	10	E06000002	9	1	0	1
##	1368	Ens000h	10	E06000002	709	1	219	220
##	1369	Ens000i	10	E06000002	68	6	0	6
##	1370	Ens000j	10	E06000002	0	0	0	0
##	1371	Ens000k	10	E06000002	35	1	0	1
##	1372	Ens000l	10	E06000002	14	0	2	2
##	1373	Ens000m	10	E06000002	495	15	0	15
##	1374	Ens000n	10	E06000002	18	1	0	1
##	1375	Ens000o	10	E06000002	44	0	15	15
##	1376	Ens000p	10	E06000002	256	0	109	109
##	1377	Ens000q	10	E06000002	0	0	0	0
##	1378	Ens000r	10	E06000002	1079	85	2	87
##	1379	Ens000s	10	E06000002	5039	220	241	461
##	1380	Ens000t	10	E06000002	355	13	0	13
##	1381	Ens000u	10	E06000002	93	0	18	18
##	1382	Ens000v	10	E06000002	10	0	15	15
##	1383	Ens000w	10	E06000002	4	0	3	3
##	1384	Ens000x	10	E06000002	344	13	258	271
##	1385	Ens000y	10	E06000002	0	0	0	0
##	1386	Ens000z	10	E06000002	2	0	0	0
##	1387	Ens0010	10	E06000002	13	0	10	10
##	1388	Ens0011	10	E06000002	28	0	5	5
##	1389	Ens0012	10	E06000002	7	0	1	1
##	1390	Ens0013	10	E06000002	16	0	3	3
##	1391	Ens0014	10	E06000002	71	0	27	27
##	1392	Ens0015	10	E06000002	6261	994	59	1053
##	1393	Ens0016	10	E06000002	6	0	0	0
##	1394	Ens0017	10	E06000002	71	0	4	4
##	1395	Ens0018	10	E06000002	61	0	7	7
##	1396	Ens0019	10	E06000002	9	1	0	1
##	1397	Ens001a	10	E06000002	18	2	0	2
##	1398	Ens001b	10	E06000002	913	19	0	19

##	1399	Ens001c	10	E06000002	1	0	0	0
##	1400	Ens001d	10	E06000002	218	1	41	42
##	1401	Ens0000	1	E06000003	147	12	0	12
##	1402	Ens0001	1	E06000003	2	0	0	0
##	1403	Ens0002	1	E06000003	4095	318	0	318
##	1404	Ens0003	1	E06000003	10	0	0	0
##	1405	Ens0004	1	E06000003	8	0	0	0
##	1406	Ens0005	1	E06000003	32	0	15	15
##	1407	Ens0006	1	E06000003	72	0	12	12
##	1408	Ens0007	1	E06000003	1	0	0	0
##	1409	Ens0008	1	E06000003	32	0	0	0
##	1410	Ens0009	1	E06000003	440	0	126	126
##	1411	Ens000a	1	E06000003	47	4	5	9
##	1412	Ens000b	1	E06000003	63	0	9	9
##	1413	Ens000c	1	E06000003	294	7	1	8
##	1414	Ens000d	1	E06000003	36	1	0	1
##	1415	Ens000e	1	E06000003	4639	2	794	796
##	1416	Ens000f	1	E06000003	214	16	0	16
##	1417	Ens000g	1	E06000003	3	0	0	0
##	1418	Ens000h	1	E06000003	356	0	133	133
##	1419	Ens000i	1	E06000003	31	6	0	6
##	1420	Ens000j	1	E06000003	0	0	0	0
##	1421	Ens000k	1	E06000003	15	0	0	0
##	1422	Ens000l	1	E06000003	27	0	7	7
##	1423	Ens000m	1	E06000003	455	17	0	17
##	1424	Ens000n	1	E06000003	16	2	0	2
##	1425	Ens000o	1	E06000003	45	0	18	18
##	1426	Ens000p	1	E06000003	187	0	80	80
##	1427	Ens000q	1	E06000003	1	0	0	0
##	1428	Ens000r	1	E06000003	1470	148	1	149
##	1429	Ens000s	1	E06000003	5255	221	254	475
##	1430	Ens000t	1	E06000003	429	18	0	18
##	1431	Ens000u	1	E06000003	32	0	6	6
##	1432	Ens000v	1	E06000003	12	2	11	13
##	1433	Ens000w	1	E06000003	7	0	3	3
##	1434	Ens000x	1	E06000003	603	15	424	439
##	1435	Ens000y	1	E06000003	0	0	0	0
##	1436	Ens000z	1	E06000003	0	0	0	0
##	1437	Ens0010	1	E06000003	6	0	8	8
##	1438	Ens0011	1	E06000003	13	0	3	3
##	1439	Ens0012	1	E06000003	2	0	2	2
##	1440	Ens0013	1	E06000003	30	0	8	8
##	1441	Ens0014	1	E06000003	37	0	7	7
##	1442	Ens0015	1	E06000003	5909	901	64	965
##	1443	Ens0016	1	E06000003	7	1	0	1
##	1444	Ens0017	1	E06000003	47	0	9	9
##	1445	Ens0018	1	E06000003	83	0	7	7
##	1446	Ens0019	1	E06000003	4	0	0	0
##	1447	Ens001a	1	E06000003	13	0	0	0
##	1448	Ens001b	1	E06000003	876	14	0	14
##	1449	Ens001c	1	E06000003	0	0	0	0
##	1450	Ens001d	1	E06000003	441	3	79	82
##	1451	Ens001e	1	E06000003	37	0	12	12
##	1452	Ens001f	1	E06000003	8	0	0	0
##	1453	Ens001g	1	E06000003	796	0	324	324
##	1454	Ens001h	1	E06000003	477	12	24	36
##	1455	Ens001i	1	E06000003	0	0	0	0
##	1456	Ens001j	1	E06000003	16	0	0	0
##	1457	Ens001k	1	E06000003	1	0	0	0
##	1458	Ens001l	1	E06000003	16	1	5	6
##	1459	Ens001m	1	E06000003	56	1	0	1
##	1460	Ens001n	1	E06000003	279	12	2	14
##	1461	Ens001o	1	E06000003	15	0	4	4
##	1462	Ens001p	1	E06000003	713	54	0	54
##	1463	Ens001q	1	E06000003	116	1	0	1
##	1464	Ens001r	1	E06000003	282	17	1	18
##	1465	Ens001s	1	E06000003	33	0	3	3
##	1466	Ens001t	1	E06000003	2	0	0	0
##	1467	Ens001u	1	E06000003	5	3	0	3
##	1468	Ens001v	1	E06000003	550	10	0	10

##	1469	Ens001w	1	E06000003	149	6	0	6
##	1470	Ens001x	1	E06000003	4	1	0	1
##	1471	Ens001y	1	E06000003	2633	367	0	367
##	1472	Ens001z	1	E06000003	3	0	0	0
##	1473	Ens0020	1	E06000003	26	0	0	0
##	1474	Ens0021	1	E06000003	88	3	26	29
##	1475	Ens0022	1	E06000003	85	2	0	2
##	1476	Ens0023	1	E06000003	2005	195	0	195
##	1477	Ens0024	1	E06000003	1	0	0	0
##	1478	Ens0025	1	E06000003	6	0	0	0
##	1479	Ens0026	1	E06000003	3267	0	779	779
##	1480	Ens0027	1	E06000003	3	0	1	1
##	1481	Ens0028	1	E06000003	1	0	0	0
##	1482	Ens0029	1	E06000003	337	17	75	92
##	1483	Ens002a	1	E06000003	117	0	21	21
##	1484	Ens002b	1	E06000003	733	14	0	14
##	1485	Ens002c	1	E06000003	63	0	19	19
##	1486	Ens002d	1	E06000003	12	0	0	0
##	1487	Ens002e	1	E06000003	96	1	42	43
##	1488	Ens002f	1	E06000003	23	0	12	12
##	1489	Ens002g	1	E06000003	508	19	0	19
##	1490	Ens002h	1	E06000003	700	0	146	146
##	1491	Ens002i	1	E06000003	1550	21	0	21
##	1492	Ens002j	1	E06000003	18	1	0	1
##	1493	Ens002k	1	E06000003	1	0	0	0
##	1494	Ens002l	1	E06000003	42	4	0	4
##	1495	Ens002m	1	E06000003	43	1	0	1
##	1496	Ens002n	1	E06000003	51	6	3	9
##	1497	Ens002o	1	E06000003	170	4	11	15
##	1498	Ens002p	1	E06000003	45	3	0	3
##	1499	Ens002q	1	E06000003	0	0	0	0
##	1500	Ens002r	1	E06000003	4	0	1	1
##	1501	Ens002s	1	E06000003	220	5	0	5
##	1502	Ens002t	1	E06000003	1743	172	0	172
##	1503	Ens002u	1	E06000003	62	6	0	6
##	1504	Ens002v	1	E06000003	3	0	0	0
##	1505	Ens002w	1	E06000003	1824	86	0	86
##	1506	Ens002x	1	E06000003	762	46	0	46
##	1507	Ens002y	1	E06000003	135	8	28	36
##	1508	Ens002z	1	E06000003	1361	0	236	236
##	1509	Ens0030	1	E06000003	2379	0	258	258
##	1510	Ens0031	1	E06000003	16	0	2	2
##	1511	Ens0032	1	E06000003	230	15	0	15
##	1512	Ens0033	1	E06000003	3312	116	7	123
##	1513	Ens0034	1	E06000003	47	0	10	10
##	1514	Ens0035	1	E06000003	422	24	2	26
##	1515	Ens0036	1	E06000003	14	0	4	4
##	1516	Ens0037	1	E06000003	10	2	0	2
##	1517	Ens0038	1	E06000003	1039	0	296	296
##	1518	Ens0039	1	E06000003	16	0	2	2
##	1519	Ens003a	1	E06000003	719	60	0	60
##	1520	Ens003b	1	E06000003	4	0	0	0
##	1521	Ens003c	1	E06000003	7	0	3	3
##	1522	Ens003d	1	E06000003	32	2	0	2
##	1523	Ens003e	1	E06000003	4102	0	728	728
##	1524	Ens003f	1	E06000003	20	0	10	10
##	1525	Ens003g	1	E06000003	9	0	0	0
##	1526	Ens003h	1	E06000003	26	0	0	0
##	1527	Ens003i	1	E06000003	30	0	22	22
##	1528	Ens003j	1	E06000003	4	0	0	0
##	1529	Ens003k	1	E06000003	17	0	5	5
##	1530	Ens003l	1	E06000003	2	1	0	1
##	1531	Ens003m	1	E06000003	1	0	0	0
##	1532	Ens003n	1	E06000003	2	0	0	0
##	1533	Ens003o	1	E06000003	2	0	0	0
##	1534	Ens003p	1	E06000003	22	1	0	1
##	1535	Ens003q	1	E06000003	22	0	0	0
##	1536	Ens003r	1	E06000003	13	1	2	3
##	1537	Ens003s	1	E06000003	1	0	0	0
##	1538	Ens003t	1	E06000003	7	1	0	1



##	1539	Ens003u	1	E06000003	330	0	15	15
##	1540	Ens003v	1	E06000003	0	0	0	0
##	1541	Ens003w	1	E06000003	2604	44	436	480
##	1542	Ens003x	1	E06000003	2	0	0	0
##	1543	Ens003y	1	E06000003	236	9	2	11
##	1544	Ens003z	1	E06000003	222	12	0	12
##	1545	Ens0040	1	E06000003	9	0	2	2
##	1546	Ens0041	1	E06000003	38	3	0	3
##	1547	Ens0042	1	E06000003	3	0	0	0
##	1548	Ens0043	1	E06000003	11	0	1	1
##	1549	Ens0044	1	E06000003	3017	80	1	81
##	1550	Ens0045	1	E06000003	270	5	10	15
##	1551	Ens0046	1	E06000003	1593	122	0	122
##	1552	Ens0047	1	E06000003	169	0	62	62
##	1553	Ens0048	1	E06000003	329	13	0	13
##	1554	Ens0049	1	E06000003	0	0	0	0
##	1555	Ens004a	1	E06000003	180	0	50	50
##	1556	Ens004b	1	E06000003	6	0	3	3
##	1557	Ens004c	1	E06000003	0	0	0	0
##	1558	Ens004d	1	E06000003	0	0	0	0
##	1559	Ens004e	1	E06000003	541	0	84	84
##	1560	Ens004f	1	E06000003	0	0	0	0
##	1561	Ens004g	1	E06000003	107	0	44	44
##	1562	Ens004h	1	E06000003	2515	0	223	223
##	1563	Ens004i	1	E06000003	47	0	17	17
##	1564	Ens004j	1	E06000003	1	0	0	0
##	1565	Ens004k	1	E06000003	6733	601	0	601
##	1566	Ens004l	1	E06000003	36	0	26	26
##	1567	Ens004m	1	E06000003	1	0	0	0
##	1568	Ens004n	1	E06000003	4	0	5	5
##	1569	Ens004o	1	E06000003	25	0	0	0
##	1570	Ens004p	1	E06000003	13	0	1	1
##	1571	Ens004q	1	E06000003	350	1	1	2
##	1572	Ens004r	1	E06000003	12	0	0	0
##	1573	Ens004s	1	E06000003	3	0	1	1
##	1574	Ens004t	1	E06000003	9	2	0	2
##	1575	Ens004u	1	E06000003	46	0	0	0
##	1576	Ens004v	1	E06000003	349	26	1	27
##	1577	Ens004w	1	E06000003	13	0	1	1
##	1578	Ens004x	1	E06000003	851	0	194	194
##	1579	Ens004y	1	E06000003	9	0	1	1
##	1580	Ens004z	1	E06000003	37	0	10	10
##	1581	Ens0050	1	E06000003	1	0	0	0
##	1582	Ens0051	1	E06000003	30	3	0	3
##	1583	Ens0052	1	E06000003	7	0	0	0
##	1584	Ens0053	1	E06000003	4763	355	39	394
##	1585	Ens0054	1	E06000003	5	1	0	1
##	1586	Ens0055	1	E06000003	131	3	0	3
##	1587	Ens0056	1	E06000003	2091	34	0	34
##	1588	Ens0057	1	E06000003	1083	65	0	65
##	1589	Ens0058	1	E06000003	347	0	88	88
##	1590	Ens0059	1	E06000003	52	5	0	5
##	1591	Ens005a	1	E06000003	1926	0	605	605
##	1592	Ens005b	1	E06000003	186	0	47	47
##	1593	Ens005c	1	E06000003	6	2	0	2
##	1594	Ens005d	1	E06000003	7	0	0	0
##	1595	Ens005e	1	E06000003	213	2	68	70
##	1596	Ens005f	1	E06000003	591	0	48	48
##	1597	Ens005g	1	E06000003	79	1	9	10
##	1598	Ens005h	1	E06000003	3	0	0	0
##	1599	Ens005i	1	E06000003	0	0	0	0
##	1600	Ens005j	1	E06000003	111	6	0	6
##	1601	Ens005k	1	E06000003	93	7	0	7
##	1602	Ens005l	1	E06000003	2	0	0	0
##	1603	Ens005m	1	E06000003	5	0	0	0
##	1604	Ens005n	1	E06000003	38	0	0	0
##	1605	Ens005o	1	E06000003	335	0	169	169
##	1606	Ens005p	1	E06000003	86	0	15	15
##	1607	Ens005q	1	E06000003	3	1	0	1
##	1608	Ens005r	1	E06000003	5	1	0	1

##	1609	Ens005s	1	E06000003	3	0	0	0
##	1610	Ens005t	1	E06000003	806	2	1757	1759
##	1611	Ens005u	1	E06000003	34	3	0	3
##	1612	Ens005v	1	E06000003	35	1	17	18
##	1613	Ens005w	1	E06000003	289	0	149	149
##	1614	Ens005x	1	E06000003	4	0	0	0
##	1615	Ens005y	1	E06000003	223	22	0	22
##	1616	Ens005z	1	E06000003	85	0	29	29
##	1617	Ens0060	1	E06000003	31	2	0	2
##	1618	Ens0061	1	E06000003	1995	175	9	184
##	1619	Ens0062	1	E06000003	1326	0	332	332
##	1620	Ens0063	1	E06000003	63	0	0	0
##	1621	Ens0064	1	E06000003	1172	57	47	104
##	1622	Ens0065	1	E06000003	4	0	0	0
##	1623	Ens0066	1	E06000003	99	2	4	6
##	1624	Ens0067	1	E06000003	0	0	0	0
##	1625	Ens0068	1	E06000003	1	0	0	0
##	1626	Ens0069	1	E06000003	8	0	0	0
##	1627	Ens006a	1	E06000003	46	1	0	1
##	1628	Ens006b	1	E06000003	685	28	0	28
##	1629	Ens006c	1	E06000003	3430	694	6	700
##	1630	Ens006d	1	E06000003	463	0	183	183
##	1631	Ens006e	1	E06000003	143	17	2	19
##	1632	Ens006f	1	E06000003	1110	0	192	192
##	1633	Ens006g	1	E06000003	3673	449	0	449
##	1634	Ens006h	1	E06000003	41	0	9	9
##	1635	Ens006i	1	E06000003	684	17	0	17
##	1636	Ens006j	1	E06000003	0	0	0	0
##	1637	Ens006k	1	E06000003	156	7	0	7
##	1638	Ens006l	1	E06000003	58	1	18	19
##	1639	Ens006m	1	E06000003	4224	284	0	284
##	1640	Ens006n	1	E06000003	34	7	0	7
##	1641	Ens006o	1	E06000003	88	1	0	1
##	1642	Ens006p	1	E06000003	2	2	0	2
##	1643	Ens006q	1	E06000003	22	0	12	12
##	1644	Ens006r	1	E06000003	54	0	11	11
##	1645	Ens006s	1	E06000003	69	1	36	37
##	1646	Ens006t	1	E06000003	10	0	4	4
##	1647	Ens006u	1	E06000003	1	0	0	0
##	1648	Ens006v	1	E06000003	11	0	2	2
##	1649	Ens006w	1	E06000003	2	0	1	1
##	1650	Ens006x	1	E06000003	35	0	0	0
##	1651	Ens0000	2	E06000003	340	26	0	26
##	1652	Ens0001	2	E06000003	2	0	0	0
##	1653	Ens0002	2	E06000003	4958	561	0	561
##	1654	Ens0003	2	E06000003	4	0	0	0
##	1655	Ens0004	2	E06000003	2	0	0	0
##	1656	Ens0005	2	E06000003	28	0	17	17
##	1657	Ens0006	2	E06000003	58	0	12	12
##	1658	Ens0007	2	E06000003	12	0	0	0
##	1659	Ens0008	2	E06000003	25	2	0	2
##	1660	Ens0009	2	E06000003	456	0	128	128
##	1661	Ens000a	2	E06000003	43	0	8	8
##	1662	Ens000b	2	E06000003	93	0	11	11
##	1663	Ens000c	2	E06000003	415	4	2	6
##	1664	Ens000d	2	E06000003	41	1	1	2
##	1665	Ens000e	2	E06000003	4594	2	879	881
##	1666	Ens000f	2	E06000003	473	30	0	30
##	1667	Ens000g	2	E06000003	5	1	0	1
##	1668	Ens000h	2	E06000003	347	0	160	160
##	1669	Ens000i	2	E06000003	193	12	1	13
##	1670	Ens000j	2	E06000003	1	0	0	0
##	1671	Ens000k	2	E06000003	13	0	0	0
##	1672	Ens000l	2	E06000003	13	0	6	6
##	1673	Ens000m	2	E06000003	595	22	0	22
##	1674	Ens000n	2	E06000003	45	5	0	5
##	1675	Ens000o	2	E06000003	82	0	29	29
##	1676	Ens000p	2	E06000003	257	0	134	134
##	1677	Ens000q	2	E06000003	0	0	0	0
##	1678	Ens000r	2	E06000003	892	65	1	66

##	1679	Ens000s	2	E06000003	4735	174	246	420
##	1680	Ens000t	2	E06000003	320	15	0	15
##	1681	Ens000u	2	E06000003	76	0	9	9
##	1682	Ens000v	2	E06000003	14	2	14	16
##	1683	Ens000w	2	E06000003	5	0	2	2
##	1684	Ens000x	2	E06000003	247	8	190	198
##	1685	Ens000y	2	E06000003	0	0	0	0
##	1686	Ens000z	2	E06000003	2	0	0	0
##	1687	Ens0010	2	E06000003	13	1	10	11
##	1688	Ens0011	2	E06000003	39	0	4	4
##	1689	Ens0012	2	E06000003	0	0	0	0
##	1690	Ens0013	2	E06000003	28	0	6	6
##	1691	Ens0014	2	E06000003	36	0	5	5
##	1692	Ens0015	2	E06000003	6229	913	58	971
##	1693	Ens0016	2	E06000003	3	0	0	0
##	1694	Ens0017	2	E06000003	69	0	15	15
##	1695	Ens0018	2	E06000003	145	1	14	15
##	1696	Ens0019	2	E06000003	17	1	0	1
##	1697	Ens001a	2	E06000003	18	0	0	0
##	1698	Ens001b	2	E06000003	851	20	0	20
##	1699	Ens001c	2	E06000003	2	1	0	1
##	1700	Ens001d	2	E06000003	589	0	102	102
##	1701	Ens0000	3	E06000003	148	12	0	12
##	1702	Ens0001	3	E06000003	0	0	0	0
##	1703	Ens0002	3	E06000003	4091	328	0	328
##	1704	Ens0003	3	E06000003	4	0	0	0
##	1705	Ens0004	3	E06000003	2	0	0	0
##	1706	Ens0005	3	E06000003	75	0	48	48
##	1707	Ens0006	3	E06000003	50	0	8	8
##	1708	Ens0007	3	E06000003	1	0	1	1
##	1709	Ens0008	3	E06000003	15	1	0	1
##	1710	Ens0009	3	E06000003	342	0	111	111
##	1711	Ens000a	3	E06000003	50	4	5	9
##	1712	Ens000b	3	E06000003	58	0	4	4
##	1713	Ens000c	3	E06000003	388	2	3	5
##	1714	Ens000d	3	E06000003	59	3	0	3
##	1715	Ens000e	3	E06000003	4652	2	871	873
##	1716	Ens000f	3	E06000003	350	32	0	32
##	1717	Ens000g	3	E06000003	6	0	0	0
##	1718	Ens000h	3	E06000003	271	1	106	107
##	1719	Ens000i	3	E06000003	85	9	0	9
##	1720	Ens000j	3	E06000003	0	0	0	0
##	1721	Ens000k	3	E06000003	8	0	0	0
##	1722	Ens000l	3	E06000003	28	0	6	6
##	1723	Ens000m	3	E06000003	340	12	0	12
##	1724	Ens000n	3	E06000003	9	2	0	2
##	1725	Ens000o	3	E06000003	68	0	23	23
##	1726	Ens000p	3	E06000003	406	0	175	175
##	1727	Ens000q	3	E06000003	0	0	0	0
##	1728	Ens000r	3	E06000003	1023	86	1	87
##	1729	Ens000s	3	E06000003	5420	249	267	516
##	1730	Ens000t	3	E06000003	413	17	0	17
##	1731	Ens000u	3	E06000003	39	0	13	13
##	1732	Ens000v	3	E06000003	9	0	12	12
##	1733	Ens000w	3	E06000003	14	0	2	2
##	1734	Ens000x	3	E06000003	342	8	246	254
##	1735	Ens000y	3	E06000003	1	0	0	0
##	1736	Ens000z	3	E06000003	1	0	0	0
##	1737	Ens0010	3	E06000003	9	0	6	6
##	1738	Ens0011	3	E06000003	17	0	2	2
##	1739	Ens0012	3	E06000003	2	0	1	1
##	1740	Ens0013	3	E06000003	24	0	2	2
##	1741	Ens0014	3	E06000003	51	0	13	13
##	1742	Ens0015	3	E06000003	5914	823	68	891
##	1743	Ens0016	3	E06000003	3	1	0	1
##	1744	Ens0017	3	E06000003	49	0	5	5
##	1745	Ens0018	3	E06000003	54	0	6	6
##	1746	Ens0019	3	E06000003	23	1	0	1
##	1747	Ens001a	3	E06000003	18	1	0	1
##	1748	Ens001b	3	E06000003	1115	20	0	20

##	1749	Ens001c	3	E06000003	2	0	0	0
##	1750	Ens001d	3	E06000003	222	0	38	38
##	1751	Ens0000	4	E06000003	183	11	0	11
##	1752	Ens0001	4	E06000003	1	0	0	0
##	1753	Ens0002	4	E06000003	4235	389	0	389
##	1754	Ens0003	4	E06000003	11	0	0	0
##	1755	Ens0004	4	E06000003	2	1	0	1
##	1756	Ens0005	4	E06000003	33	0	25	25
##	1757	Ens0006	4	E06000003	112	0	31	31
##	1758	Ens0007	4	E06000003	5	0	1	1
##	1759	Ens0008	4	E06000003	17	0	0	0
##	1760	Ens0009	4	E06000003	346	0	113	113
##	1761	Ens000a	4	E06000003	61	4	13	17
##	1762	Ens000b	4	E06000003	60	0	16	16
##	1763	Ens000c	4	E06000003	377	3	1	4
##	1764	Ens000d	4	E06000003	34	1	0	1
##	1765	Ens000e	4	E06000003	4177	1	772	773
##	1766	Ens000f	4	E06000003	273	19	0	19
##	1767	Ens000g	4	E06000003	9	0	0	0
##	1768	Ens000h	4	E06000003	374	0	135	135
##	1769	Ens000i	4	E06000003	43	3	0	3
##	1770	Ens000j	4	E06000003	1	0	0	0
##	1771	Ens000k	4	E06000003	15	2	0	2
##	1772	Ens000l	4	E06000003	9	0	0	0
##	1773	Ens000m	4	E06000003	394	16	0	16
##	1774	Ens000n	4	E06000003	13	0	0	0
##	1775	Ens000o	4	E06000003	85	0	37	37
##	1776	Ens000p	4	E06000003	289	0	133	133
##	1777	Ens000q	4	E06000003	0	0	0	0
##	1778	Ens000r	4	E06000003	962	98	1	99
##	1779	Ens000s	4	E06000003	4183	152	198	350
##	1780	Ens000t	4	E06000003	559	25	0	25
##	1781	Ens000u	4	E06000003	42	0	5	5
##	1782	Ens000v	4	E06000003	8	1	18	19
##	1783	Ens000w	4	E06000003	8	0	6	6
##	1784	Ens000x	4	E06000003	298	9	214	223
##	1785	Ens000y	4	E06000003	1	0	0	0
##	1786	Ens000z	4	E06000003	4	0	1	1
##	1787	Ens0010	4	E06000003	18	0	20	20
##	1788	Ens0011	4	E06000003	17	0	0	0
##	1789	Ens0012	4	E06000003	3	0	0	0
##	1790	Ens0013	4	E06000003	16	0	0	0
##	1791	Ens0014	4	E06000003	66	0	11	11
##	1792	Ens0015	4	E06000003	6216	973	51	1024
##	1793	Ens0016	4	E06000003	1	0	0	0
##	1794	Ens0017	4	E06000003	45	0	7	7
##	1795	Ens0018	4	E06000003	46	0	6	6
##	1796	Ens0019	4	E06000003	8	0	0	0
##	1797	Ens001a	4	E06000003	11	0	0	0
##	1798	Ens001b	4	E06000003	746	12	0	12
##	1799	Ens001c	4	E06000003	1	0	0	0
##	1800	Ens001d	4	E06000003	355	0	67	67
##	1801	Ens0000	5	E06000003	186	16	0	16
##	1802	Ens0001	5	E06000003	1	0	0	0
##	1803	Ens0002	5	E06000003	3739	273	1	274
##	1804	Ens0003	5	E06000003	0	0	0	0
##	1805	Ens0004	5	E06000003	2	1	0	1
##	1806	Ens0005	5	E06000003	36	0	29	29
##	1807	Ens0006	5	E06000003	61	0	9	9
##	1808	Ens0007	5	E06000003	2	0	1	1
##	1809	Ens0008	5	E06000003	36	3	0	3
##	1810	Ens0009	5	E06000003	431	0	126	126
##	1811	Ens000a	5	E06000003	78	6	9	15
##	1812	Ens000b	5	E06000003	95	0	10	10
##	1813	Ens000c	5	E06000003	429	6	1	7
##	1814	Ens000d	5	E06000003	29	2	0	2
##	1815	Ens000e	5	E06000003	4698	5	871	876
##	1816	Ens000f	5	E06000003	413	30	0	30
##	1817	Ens000g	5	E06000003	4	0	0	0
##	1818	Ens000h	5	E06000003	494	0	181	181

##	1819	Ens000i	5	E06000003	33	4	0	4
##	1820	Ens000j	5	E06000003	0	0	0	0
##	1821	Ens000k	5	E06000003	12	0	0	0
##	1822	Ens000l	5	E06000003	8	0	4	4
##	1823	Ens000m	5	E06000003	613	28	0	28
##	1824	Ens000n	5	E06000003	14	1	0	1
##	1825	Ens000o	5	E06000003	71	0	38	38
##	1826	Ens000p	5	E06000003	404	0	165	165
##	1827	Ens000q	5	E06000003	0	0	0	0
##	1828	Ens000r	5	E06000003	996	85	0	85
##	1829	Ens000s	5	E06000003	4743	192	222	414
##	1830	Ens000t	5	E06000003	360	19	1	20
##	1831	Ens000u	5	E06000003	50	0	20	20
##	1832	Ens000v	5	E06000003	11	1	12	13
##	1833	Ens000w	5	E06000003	5	0	3	3
##	1834	Ens000x	5	E06000003	211	7	144	151
##	1835	Ens000y	5	E06000003	1	0	0	0
##	1836	Ens000z	5	E06000003	8	0	0	0
##	1837	Ens0010	5	E06000003	12	1	20	21
##	1838	Ens0011	5	E06000003	57	0	15	15
##	1839	Ens0012	5	E06000003	2	0	0	0
##	1840	Ens0013	5	E06000003	22	0	11	11
##	1841	Ens0014	5	E06000003	53	0	15	15
##	1842	Ens0015	5	E06000003	6006	877	57	934
##	1843	Ens0016	5	E06000003	2	1	0	1
##	1844	Ens0017	5	E06000003	50	0	6	6
##	1845	Ens0018	5	E06000003	53	1	5	6
##	1846	Ens0019	5	E06000003	10	1	0	1
##	1847	Ens001a	5	E06000003	15	0	0	0
##	1848	Ens001b	5	E06000003	951	24	0	24
##	1849	Ens001c	5	E06000003	0	0	0	0
##	1850	Ens001d	5	E06000003	314	0	51	51
##	1851	Ens0000	6	E06000003	128	3	0	3
##	1852	Ens0001	6	E06000003	0	0	0	0
##	1853	Ens0002	6	E06000003	4448	401	0	401
##	1854	Ens0003	6	E06000003	5	0	0	0
##	1855	Ens0004	6	E06000003	5	1	0	1
##	1856	Ens0005	6	E06000003	27	0	23	23
##	1857	Ens0006	6	E06000003	54	0	16	16
##	1858	Ens0007	6	E06000003	5	0	0	0
##	1859	Ens0008	6	E06000003	25	0	0	0
##	1860	Ens0009	6	E06000003	680	0	231	231
##	1861	Ens000a	6	E06000003	70	4	12	16
##	1862	Ens000b	6	E06000003	68	0	14	14
##	1863	Ens000c	6	E06000003	457	4	4	8
##	1864	Ens000d	6	E06000003	31	1	0	1
##	1865	Ens000e	6	E06000003	4748	3	878	881
##	1866	Ens000f	6	E06000003	353	26	0	26
##	1867	Ens000g	6	E06000003	10	1	0	1
##	1868	Ens000h	6	E06000003	405	0	160	160
##	1869	Ens000i	6	E06000003	23	1	0	1
##	1870	Ens000j	6	E06000003	2	0	0	0
##	1871	Ens000k	6	E06000003	21	1	0	1
##	1872	Ens000l	6	E06000003	18	0	5	5
##	1873	Ens000m	6	E06000003	422	19	0	19
##	1874	Ens000n	6	E06000003	21	1	0	1
##	1875	Ens000o	6	E06000003	56	0	21	21
##	1876	Ens000p	6	E06000003	342	0	152	152
##	1877	Ens000q	6	E06000003	0	0	0	0
##	1878	Ens000r	6	E06000003	1085	84	1	85
##	1879	Ens000s	6	E06000003	4807	186	242	428
##	1880	Ens000t	6	E06000003	392	14	0	14
##	1881	Ens000u	6	E06000003	89	0	22	22
##	1882	Ens000v	6	E06000003	17	2	29	31
##	1883	Ens000w	6	E06000003	9	0	2	2
##	1884	Ens000x	6	E06000003	356	14	238	252
##	1885	Ens000y	6	E06000003	0	0	0	0
##	1886	Ens000z	6	E06000003	3	0	0	0
##	1887	Ens0010	6	E06000003	16	0	12	12
##	1888	Ens0011	6	E06000003	15	0	2	2

##	1889	Ens0012	6	E06000003	0	0	3	3
##	1890	Ens0013	6	E06000003	40	0	13	13
##	1891	Ens0014	6	E06000003	39	0	10	10
##	1892	Ens0015	6	E06000003	6047	909	52	961
##	1893	Ens0016	6	E06000003	3	1	0	1
##	1894	Ens0017	6	E06000003	64	0	6	6
##	1895	Ens0018	6	E06000003	86	0	13	13
##	1896	Ens0019	6	E06000003	18	2	0	2
##	1897	Ens001a	6	E06000003	7	0	0	0
##	1898	Ens001b	6	E06000003	762	16	1	17
##	1899	Ens001c	6	E06000003	2	0	0	0
##	1900	Ens001d	6	E06000003	280	0	55	55
##	1901	Ens0000	7	E06000003	254	19	0	19
##	1902	Ens0001	7	E06000003	0	0	0	0
##	1903	Ens0002	7	E06000003	3958	346	0	346
##	1904	Ens0003	7	E06000003	12	0	0	0
##	1905	Ens0004	7	E06000003	3	0	0	0
##	1906	Ens0005	7	E06000003	25	0	15	15
##	1907	Ens0006	7	E06000003	63	0	10	10
##	1908	Ens0007	7	E06000003	3	0	1	1
##	1909	Ens0008	7	E06000003	16	0	0	0
##	1910	Ens0009	7	E06000003	399	0	139	139
##	1911	Ens000a	7	E06000003	51	1	7	8
##	1912	Ens000b	7	E06000003	70	0	14	14
##	1913	Ens000c	7	E06000003	366	6	3	9
##	1914	Ens000d	7	E06000003	73	2	0	2
##	1915	Ens000e	7	E06000003	4420	5	834	839
##	1916	Ens000f	7	E06000003	384	32	0	32
##	1917	Ens000g	7	E06000003	15	0	0	0
##	1918	Ens000h	7	E06000003	348	1	123	124
##	1919	Ens000i	7	E06000003	55	4	0	4
##	1920	Ens000j	7	E06000003	1	0	0	0
##	1921	Ens000k	7	E06000003	8	0	0	0
##	1922	Ens000l	7	E06000003	12	0	3	3
##	1923	Ens000m	7	E06000003	762	40	0	40
##	1924	Ens000n	7	E06000003	21	1	0	1
##	1925	Ens000o	7	E06000003	105	0	36	36
##	1926	Ens000p	7	E06000003	885	0	416	416
##	1927	Ens000q	7	E06000003	0	0	0	0
##	1928	Ens000r	7	E06000003	1588	132	2	134
##	1929	Ens000s	7	E06000003	4714	158	245	403
##	1930	Ens000t	7	E06000003	445	24	1	25
##	1931	Ens000u	7	E06000003	54	0	7	7
##	1932	Ens000v	7	E06000003	10	0	13	13
##	1933	Ens000w	7	E06000003	9	0	0	0
##	1934	Ens000x	7	E06000003	228	3	165	168
##	1935	Ens000y	7	E06000003	1	0	0	0
##	1936	Ens000z	7	E06000003	1	0	0	0
##	1937	Ens0010	7	E06000003	8	0	5	5
##	1938	Ens0011	7	E06000003	18	0	1	1
##	1939	Ens0012	7	E06000003	2	0	0	0
##	1940	Ens0013	7	E06000003	45	0	15	15
##	1941	Ens0014	7	E06000003	41	0	13	13
##	1942	Ens0015	7	E06000003	6047	815	63	878
##	1943	Ens0016	7	E06000003	5	2	0	2
##	1944	Ens0017	7	E06000003	33	0	6	6
##	1945	Ens0018	7	E06000003	94	2	8	10
##	1946	Ens0019	7	E06000003	9	1	0	1
##	1947	Ens001a	7	E06000003	10	0	0	0
##	1948	Ens001b	7	E06000003	769	19	0	19
##	1949	Ens001c	7	E06000003	3	1	0	1
##	1950	Ens001d	7	E06000003	318	0	67	67
##	1951	Ens0000	8	E06000003	218	14	0	14
##	1952	Ens0001	8	E06000003	1	0	0	0
##	1953	Ens0002	8	E06000003	4176	374	0	374
##	1954	Ens0003	8	E06000003	13	0	0	0
##	1955	Ens0004	8	E06000003	9	0	0	0
##	1956	Ens0005	8	E06000003	39	0	23	23
##	1957	Ens0006	8	E06000003	54	0	9	9
##	1958	Ens0007	8	E06000003	1	0	2	2

##	1959	Ens0008	8	E06000003	22	1	0	1
##	1960	Ens0009	8	E06000003	499	0	125	125
##	1961	Ens000a	8	E06000003	74	8	12	20
##	1962	Ens000b	8	E06000003	69	0	10	10
##	1963	Ens000c	8	E06000003	405	8	6	14
##	1964	Ens000d	8	E06000003	37	0	0	0
##	1965	Ens000e	8	E06000003	4729	4	905	909
##	1966	Ens000f	8	E06000003	209	15	0	15
##	1967	Ens000g	8	E06000003	8	2	0	2
##	1968	Ens000h	8	E06000003	423	0	151	151
##	1969	Ens000i	8	E06000003	41	2	0	2
##	1970	Ens000j	8	E06000003	3	0	0	0
##	1971	Ens000k	8	E06000003	11	0	0	0
##	1972	Ens000l	8	E06000003	19	0	7	7
##	1973	Ens000m	8	E06000003	589	19	0	19
##	1974	Ens000n	8	E06000003	28	0	0	0
##	1975	Ens000o	8	E06000003	36	0	24	24
##	1976	Ens000p	8	E06000003	751	0	307	307
##	1977	Ens000q	8	E06000003	0	0	0	0
##	1978	Ens000r	8	E06000003	1169	103	2	105
##	1979	Ens000s	8	E06000003	5837	269	275	544
##	1980	Ens000t	8	E06000003	511	26	1	27
##	1981	Ens000u	8	E06000003	64	0	18	18
##	1982	Ens000v	8	E06000003	9	0	19	19
##	1983	Ens000w	8	E06000003	13	0	5	5
##	1984	Ens000x	8	E06000003	252	9	158	167
##	1985	Ens000y	8	E06000003	0	0	0	0
##	1986	Ens000z	8	E06000003	0	0	0	0
##	1987	Ens0010	8	E06000003	8	1	7	8
##	1988	Ens0011	8	E06000003	29	0	7	7
##	1989	Ens0012	8	E06000003	0	0	0	0
##	1990	Ens0013	8	E06000003	23	0	6	6
##	1991	Ens0014	8	E06000003	59	0	15	15
##	1992	Ens0015	8	E06000003	6058	910	55	965
##	1993	Ens0016	8	E06000003	1	0	0	0
##	1994	Ens0017	8	E06000003	69	0	13	13
##	1995	Ens0018	8	E06000003	50	0	6	6
##	1996	Ens0019	8	E06000003	17	1	0	1
##	1997	Ens001a	8	E06000003	10	1	0	1
##	1998	Ens001b	8	E06000003	682	24	0	24
##	1999	Ens001c	8	E06000003	2	1	0	1
##	2000	Ens001d	8	E06000003	222	0	46	46
##	2001	Ens0000	9	E06000003	109	6	0	6
##	2002	Ens0001	9	E06000003	0	0	0	0
##	2003	Ens0002	9	E06000003	3955	353	0	353
##	2004	Ens0003	9	E06000003	3	0	0	0
##	2005	Ens0004	9	E06000003	1	0	0	0
##	2006	Ens0005	9	E06000003	16	0	10	10
##	2007	Ens0006	9	E06000003	50	0	15	15
##	2008	Ens0007	9	E06000003	2	0	0	0
##	2009	Ens0008	9	E06000003	31	2	0	2
##	2010	Ens0009	9	E06000003	795	0	274	274
##	2011	Ens000a	9	E06000003	67	1	7	8
##	2012	Ens000b	9	E06000003	60	0	9	9
##	2013	Ens000c	9	E06000003	652	10	3	13
##	2014	Ens000d	9	E06000003	37	0	0	0
##	2015	Ens000e	9	E06000003	4243	4	842	846
##	2016	Ens000f	9	E06000003	258	18	0	18
##	2017	Ens000g	9	E06000003	3	0	0	0
##	2018	Ens000h	9	E06000003	332	0	117	117
##	2019	Ens000i	9	E06000003	58	5	1	6
##	2020	Ens000j	9	E06000003	1	0	0	0
##	2021	Ens000k	9	E06000003	14	1	0	1
##	2022	Ens000l	9	E06000003	27	0	5	5
##	2023	Ens000m	9	E06000003	314	10	0	10
##	2024	Ens000n	9	E06000003	16	2	0	2
##	2025	Ens000o	9	E06000003	33	0	11	11
##	2026	Ens000p	9	E06000003	385	0	143	143
##	2027	Ens000q	9	E06000003	1	0	0	0
##	2028	Ens000r	9	E06000003	1201	109	1	110

##	2029	Ens000s	9	E06000003	4994	225	246	471
##	2030	Ens000t	9	E06000003	519	23	1	24
##	2031	Ens000u	9	E06000003	119	0	36	36
##	2032	Ens000v	9	E06000003	7	0	12	12
##	2033	Ens000w	9	E06000003	9	0	0	0
##	2034	Ens000x	9	E06000003	1386	56	935	991
##	2035	Ens000y	9	E06000003	1	0	0	0
##	2036	Ens000z	9	E06000003	1	0	0	0
##	2037	Ens0010	9	E06000003	27	1	31	32
##	2038	Ens0011	9	E06000003	21	0	6	6
##	2039	Ens0012	9	E06000003	2	0	1	1
##	2040	Ens0013	9	E06000003	31	0	4	4
##	2041	Ens0014	9	E06000003	47	0	14	14
##	2042	Ens0015	9	E06000003	6207	943	64	1007
##	2043	Ens0016	9	E06000003	9	3	0	3
##	2044	Ens0017	9	E06000003	86	0	19	19
##	2045	Ens0018	9	E06000003	55	1	4	5
##	2046	Ens0019	9	E06000003	10	1	0	1
##	2047	Ens001a	9	E06000003	8	1	0	1
##	2048	Ens001b	9	E06000003	660	20	0	20
##	2049	Ens001c	9	E06000003	0	0	0	0
##	2050	Ens001d	9	E06000003	296	1	57	58
##	2051	Ens0000	10	E06000003	177	7	0	7
##	2052	Ens0001	10	E06000003	2	0	0	0
##	2053	Ens0002	10	E06000003	3822	295	0	295
##	2054	Ens0003	10	E06000003	2	0	0	0
##	2055	Ens0004	10	E06000003	3	0	0	0
##	2056	Ens0005	10	E06000003	50	0	23	23
##	2057	Ens0006	10	E06000003	74	0	14	14
##	2058	Ens0007	10	E06000003	3	0	0	0
##	2059	Ens0008	10	E06000003	18	0	0	0
##	2060	Ens0009	10	E06000003	303	0	107	107
##	2061	Ens000a	10	E06000003	50	2	9	11
##	2062	Ens000b	10	E06000003	72	0	17	17
##	2063	Ens000c	10	E06000003	479	2	2	4
##	2064	Ens000d	10	E06000003	42	1	0	1
##	2065	Ens000e	10	E06000003	4680	4	887	891
##	2066	Ens000f	10	E06000003	424	31	0	31
##	2067	Ens000g	10	E06000003	5	0	0	0
##	2068	Ens000h	10	E06000003	602	0	246	246
##	2069	Ens000i	10	E06000003	48	8	0	8
##	2070	Ens000j	10	E06000003	0	0	0	0
##	2071	Ens000k	10	E06000003	24	1	0	1
##	2072	Ens000l	10	E06000003	21	0	5	5
##	2073	Ens000m	10	E06000003	473	17	0	17
##	2074	Ens000n	10	E06000003	14	0	0	0
##	2075	Ens000o	10	E06000003	41	0	15	15
##	2076	Ens000p	10	E06000003	201	0	117	117
##	2077	Ens000q	10	E06000003	0	0	0	0
##	2078	Ens000r	10	E06000003	1030	81	2	83
##	2079	Ens000s	10	E06000003	4970	200	238	438
##	2080	Ens000t	10	E06000003	275	12	0	12
##	2081	Ens000u	10	E06000003	78	0	16	16
##	2082	Ens000v	10	E06000003	5	3	14	17
##	2083	Ens000w	10	E06000003	10	0	3	3
##	2084	Ens000x	10	E06000003	347	10	207	217
##	2085	Ens000y	10	E06000003	1	0	0	0
##	2086	Ens000z	10	E06000003	4	0	0	0
##	2087	Ens0010	10	E06000003	11	1	15	16
##	2088	Ens0011	10	E06000003	15	0	2	2
##	2089	Ens0012	10	E06000003	10	0	3	3
##	2090	Ens0013	10	E06000003	28	0	7	7
##	2091	Ens0014	10	E06000003	52	0	13	13
##	2092	Ens0015	10	E06000003	6099	916	63	979
##	2093	Ens0016	10	E06000003	6	0	0	0
##	2094	Ens0017	10	E06000003	45	0	12	12
##	2095	Ens0018	10	E06000003	60	1	7	8
##	2096	Ens0019	10	E06000003	10	1	0	1
##	2097	Ens001a	10	E06000003	16	0	0	0
##	2098	Ens001b	10	E06000003	860	10	0	10



##	2099	Ens001c	10	E06000003	3	1	0	1
##	2100	Ens001d	10	E06000003	230	0	45	45
##	2101	Ens0000	1	E06000004	233	14	0	14
##	2102	Ens0001	1	E06000004	2	0	0	0
##	2103	Ens0002	1	E06000004	5769	466	0	466
##	2104	Ens0003	1	E06000004	6	0	0	0
##	2105	Ens0004	1	E06000004	8	0	0	0
##	2106	Ens0005	1	E06000004	53	0	36	36
##	2107	Ens0006	1	E06000004	89	0	20	20
##	2108	Ens0007	1	E06000004	7	0	1	1
##	2109	Ens0008	1	E06000004	54	2	0	2
##	2110	Ens0009	1	E06000004	524	0	185	185
##	2111	Ens000a	1	E06000004	91	0	12	12
##	2112	Ens000b	1	E06000004	78	0	9	9
##	2113	Ens000c	1	E06000004	462	7	1	8
##	2114	Ens000d	1	E06000004	79	1	0	1
##	2115	Ens000e	1	E06000004	6484	2	1128	1130
##	2116	Ens000f	1	E06000004	333	20	0	20
##	2117	Ens000g	1	E06000004	9	0	0	0
##	2118	Ens000h	1	E06000004	447	0	167	167
##	2119	Ens000i	1	E06000004	62	10	2	12
##	2120	Ens000j	1	E06000004	0	0	0	0
##	2121	Ens000k	1	E06000004	21	1	0	1
##	2122	Ens000l	1	E06000004	32	0	8	8
##	2123	Ens000m	1	E06000004	685	23	0	23
##	2124	Ens000n	1	E06000004	22	1	0	1
##	2125	Ens000o	1	E06000004	72	0	36	36
##	2126	Ens000p	1	E06000004	271	0	128	128
##	2127	Ens000q	1	E06000004	0	0	0	0
##	2128	Ens000r	1	E06000004	2018	157	5	162
##	2129	Ens000s	1	E06000004	7342	298	364	662
##	2130	Ens000t	1	E06000004	546	16	0	16
##	2131	Ens000u	1	E06000004	77	0	16	16
##	2132	Ens000v	1	E06000004	12	2	18	20
##	2133	Ens000w	1	E06000004	11	0	3	3
##	2134	Ens000x	1	E06000004	603	27	408	435
##	2135	Ens000y	1	E06000004	0	0	0	0
##	2136	Ens000z	1	E06000004	2	0	0	0
##	2137	Ens0010	1	E06000004	14	2	17	19
##	2138	Ens0011	1	E06000004	30	0	6	6
##	2139	Ens0012	1	E06000004	2	0	0	0
##	2140	Ens0013	1	E06000004	49	0	16	16
##	2141	Ens0014	1	E06000004	51	0	21	21
##	2142	Ens0015	1	E06000004	8383	1166	78	1244
##	2143	Ens0016	1	E06000004	4	0	0	0
##	2144	Ens0017	1	E06000004	106	0	23	23
##	2145	Ens0018	1	E06000004	156	2	17	19
##	2146	Ens0019	1	E06000004	31	3	0	3
##	2147	Ens001a	1	E06000004	25	1	0	1
##	2148	Ens001b	1	E06000004	1170	28	0	28
##	2149	Ens001c	1	E06000004	2	0	0	0
##	2150	Ens001d	1	E06000004	644	0	106	106
##	2151	Ens001e	1	E06000004	98	0	38	38
##	2152	Ens001f	1	E06000004	8	0	0	0
##	2153	Ens001g	1	E06000004	934	0	412	412
##	2154	Ens001h	1	E06000004	676	11	50	61
##	2155	Ens001i	1	E06000004	6	0	0	0
##	2156	Ens001j	1	E06000004	25	1	0	1
##	2157	Ens001k	1	E06000004	1	0	0	0
##	2158	Ens001l	1	E06000004	22	1	5	6
##	2159	Ens001m	1	E06000004	123	0	5	5
##	2160	Ens001n	1	E06000004	389	15	3	18
##	2161	Ens001o	1	E06000004	19	0	3	3
##	2162	Ens001p	1	E06000004	1193	97	0	97
##	2163	Ens001q	1	E06000004	209	5	0	5
##	2164	Ens001r	1	E06000004	389	10	1	11
##	2165	Ens001s	1	E06000004	61	0	10	10
##	2166	Ens001t	1	E06000004	2	0	1	1
##	2167	Ens001u	1	E06000004	11	1	0	1
##	2168	Ens001v	1	E06000004	796	26	0	26

##	2169	Ens001w	1	E06000004	221	11	0	11
##	2170	Ens001x	1	E06000004	1	0	0	0
##	2171	Ens001y	1	E06000004	3742	467	0	467
##	2172	Ens001z	1	E06000004	2	0	0	0
##	2173	Ens0020	1	E06000004	30	4	0	4
##	2174	Ens0021	1	E06000004	97	3	36	39
##	2175	Ens0022	1	E06000004	142	3	0	3
##	2176	Ens0023	1	E06000004	3012	343	0	343
##	2177	Ens0024	1	E06000004	7	2	0	2
##	2178	Ens0025	1	E06000004	19	0	0	0
##	2179	Ens0026	1	E06000004	4590	0	1043	1043
##	2180	Ens0027	1	E06000004	9	0	1	1
##	2181	Ens0028	1	E06000004	2	1	0	1
##	2182	Ens0029	1	E06000004	468	13	100	113
##	2183	Ens002a	1	E06000004	78	0	18	18
##	2184	Ens002b	1	E06000004	1155	23	0	23
##	2185	Ens002c	1	E06000004	85	0	32	32
##	2186	Ens002d	1	E06000004	14	0	0	0
##	2187	Ens002e	1	E06000004	189	0	109	109
##	2188	Ens002f	1	E06000004	37	0	18	18
##	2189	Ens002g	1	E06000004	652	35	0	35
##	2190	Ens002h	1	E06000004	1002	0	201	201
##	2191	Ens002i	1	E06000004	2330	34	0	34
##	2192	Ens002j	1	E06000004	36	1	0	1
##	2193	Ens002k	1	E06000004	0	0	0	0
##	2194	Ens002l	1	E06000004	93	7	0	7
##	2195	Ens002m	1	E06000004	76	2	0	2
##	2196	Ens002n	1	E06000004	73	10	7	17
##	2197	Ens002o	1	E06000004	253	7	17	24
##	2198	Ens002p	1	E06000004	64	6	0	6
##	2199	Ens002q	1	E06000004	1	0	0	0
##	2200	Ens002r	1	E06000004	6	0	2	2
##	2201	Ens002s	1	E06000004	340	5	0	5
##	2202	Ens002t	1	E06000004	2547	283	0	283
##	2203	Ens002u	1	E06000004	77	3	0	3
##	2204	Ens002v	1	E06000004	7	0	0	0
##	2205	Ens002w	1	E06000004	2766	164	0	164
##	2206	Ens002x	1	E06000004	1094	66	0	66
##	2207	Ens002y	1	E06000004	200	6	55	61
##	2208	Ens002z	1	E06000004	2004	0	350	350
##	2209	Ens0030	1	E06000004	3177	0	380	380
##	2210	Ens0031	1	E06000004	40	0	4	4
##	2211	Ens0032	1	E06000004	345	19	0	19
##	2212	Ens0033	1	E06000004	4821	162	6	168
##	2213	Ens0034	1	E06000004	66	0	15	15
##	2214	Ens0035	1	E06000004	698	41	2	43
##	2215	Ens0036	1	E06000004	35	0	5	5
##	2216	Ens0037	1	E06000004	30	4	0	4
##	2217	Ens0038	1	E06000004	1684	2	436	438
##	2218	Ens0039	1	E06000004	19	0	9	9
##	2219	Ens003a	1	E06000004	1060	73	0	73
##	2220	Ens003b	1	E06000004	2	0	0	0
##	2221	Ens003c	1	E06000004	11	0	5	5
##	2222	Ens003d	1	E06000004	27	0	0	0
##	2223	Ens003e	1	E06000004	5882	0	1043	1043
##	2224	Ens003f	1	E06000004	26	0	9	9
##	2225	Ens003g	1	E06000004	4	0	0	0
##	2226	Ens003h	1	E06000004	20	1	0	1
##	2227	Ens003i	1	E06000004	59	0	12	12
##	2228	Ens003j	1	E06000004	4	0	0	0
##	2229	Ens003k	1	E06000004	57	1	8	9
##	2230	Ens003l	1	E06000004	2	0	0	0
##	2231	Ens003m	1	E06000004	1	0	0	0
##	2232	Ens003n	1	E06000004	3	0	0	0
##	2233	Ens003o	1	E06000004	3	0	0	0
##	2234	Ens003p	1	E06000004	38	3	0	3
##	2235	Ens003q	1	E06000004	40	1	0	1
##	2236	Ens003r	1	E06000004	16	1	2	3
##	2237	Ens003s	1	E06000004	9	0	0	0
##	2238	Ens003t	1	E06000004	12	0	0	0

##	2239	Ens003u	1	E06000004	554	7	24	31
##	2240	Ens003v	1	E06000004	2	0	0	0
##	2241	Ens003w	1	E06000004	3724	66	627	693
##	2242	Ens003x	1	E06000004	8	1	0	1
##	2243	Ens003y	1	E06000004	353	9	1	10
##	2244	Ens003z	1	E06000004	340	15	0	15
##	2245	Ens0040	1	E06000004	4	0	2	2
##	2246	Ens0041	1	E06000004	57	3	0	3
##	2247	Ens0042	1	E06000004	0	0	0	0
##	2248	Ens0043	1	E06000004	13	0	1	1
##	2249	Ens0044	1	E06000004	4259	91	3	94
##	2250	Ens0045	1	E06000004	384	11	16	27
##	2251	Ens0046	1	E06000004	2501	174	0	174
##	2252	Ens0047	1	E06000004	160	0	40	40
##	2253	Ens0048	1	E06000004	379	7	0	7
##	2254	Ens0049	1	E06000004	0	0	0	0
##	2255	Ens004a	1	E06000004	256	0	73	73
##	2256	Ens004b	1	E06000004	2	0	5	5
##	2257	Ens004c	1	E06000004	0	0	0	0
##	2258	Ens004d	1	E06000004	1	0	0	0
##	2259	Ens004e	1	E06000004	785	0	116	116
##	2260	Ens004f	1	E06000004	5	0	0	0
##	2261	Ens004g	1	E06000004	156	0	69	69
##	2262	Ens004h	1	E06000004	3464	0	280	280
##	2263	Ens004i	1	E06000004	56	1	13	14
##	2264	Ens004j	1	E06000004	3	0	0	0
##	2265	Ens004k	1	E06000004	9210	719	0	719
##	2266	Ens004l	1	E06000004	50	0	30	30
##	2267	Ens004m	1	E06000004	9	1	0	1
##	2268	Ens004n	1	E06000004	15	0	1	1
##	2269	Ens004o	1	E06000004	25	1	0	1
##	2270	Ens004p	1	E06000004	12	0	3	3
##	2271	Ens004q	1	E06000004	561	9	3	12
##	2272	Ens004r	1	E06000004	16	0	0	0
##	2273	Ens004s	1	E06000004	2	0	2	2
##	2274	Ens004t	1	E06000004	23	3	0	3
##	2275	Ens004u	1	E06000004	96	2	0	2
##	2276	Ens004v	1	E06000004	391	21	3	24
##	2277	Ens004w	1	E06000004	12	0	0	0
##	2278	Ens004x	1	E06000004	1256	0	319	319
##	2279	Ens004y	1	E06000004	16	0	5	5
##	2280	Ens004z	1	E06000004	75	0	17	17
##	2281	Ens0050	1	E06000004	6	0	0	0
##	2282	Ens0051	1	E06000004	49	0	0	0
##	2283	Ens0052	1	E06000004	13	0	0	0
##	2284	Ens0053	1	E06000004	6538	475	49	524
##	2285	Ens0054	1	E06000004	1	0	2	2
##	2286	Ens0055	1	E06000004	189	6	0	6
##	2287	Ens0056	1	E06000004	3025	57	0	57
##	2288	Ens0057	1	E06000004	1734	95	1	96
##	2289	Ens0058	1	E06000004	506	1	137	138
##	2290	Ens0059	1	E06000004	110	8	0	8
##	2291	Ens005a	1	E06000004	2734	0	910	910
##	2292	Ens005b	1	E06000004	313	0	58	58
##	2293	Ens005c	1	E06000004	4	0	0	0
##	2294	Ens005d	1	E06000004	13	0	0	0
##	2295	Ens005e	1	E06000004	304	1	117	118
##	2296	Ens005f	1	E06000004	977	0	109	109
##	2297	Ens005g	1	E06000004	86	0	3	3
##	2298	Ens005h	1	E06000004	7	0	2	2
##	2299	Ens005i	1	E06000004	2	0	0	0
##	2300	Ens005j	1	E06000004	174	7	0	7
##	2301	Ens005k	1	E06000004	106	5	0	5
##	2302	Ens005l	1	E06000004	3	0	0	0
##	2303	Ens005m	1	E06000004	17	0	2	2
##	2304	Ens005n	1	E06000004	52	1	0	1
##	2305	Ens005o	1	E06000004	575	0	267	267
##	2306	Ens005p	1	E06000004	121	0	27	27
##	2307	Ens005q	1	E06000004	1	0	0	0
##	2308	Ens005r	1	E06000004	3	0	0	0

##	2309	Ens005s	1	E06000004	0	0	1	1
##	2310	Ens005t	1	E06000004	994	5	2253	2258
##	2311	Ens005u	1	E06000004	69	5	0	5
##	2312	Ens005v	1	E06000004	39	0	12	12
##	2313	Ens005w	1	E06000004	356	0	223	223
##	2314	Ens005x	1	E06000004	7	0	3	3
##	2315	Ens005y	1	E06000004	403	34	0	34
##	2316	Ens005z	1	E06000004	166	0	44	44
##	2317	Ens0060	1	E06000004	81	2	0	2
##	2318	Ens0061	1	E06000004	2873	232	11	243
##	2319	Ens0062	1	E06000004	1857	0	463	463
##	2320	Ens0063	1	E06000004	130	1	0	1
##	2321	Ens0064	1	E06000004	1634	80	87	167
##	2322	Ens0065	1	E06000004	1	0	0	0
##	2323	Ens0066	1	E06000004	154	7	10	17
##	2324	Ens0067	1	E06000004	0	0	0	0
##	2325	Ens0068	1	E06000004	1	0	0	0
##	2326	Ens0069	1	E06000004	12	1	0	1
##	2327	Ens006a	1	E06000004	94	1	0	1
##	2328	Ens006b	1	E06000004	825	51	0	51
##	2329	Ens006c	1	E06000004	4796	985	13	998
##	2330	Ens006d	1	E06000004	659	0	239	239
##	2331	Ens006e	1	E06000004	219	15	1	16
##	2332	Ens006f	1	E06000004	1680	0	349	349
##	2333	Ens006g	1	E06000004	5096	598	0	598
##	2334	Ens006h	1	E06000004	77	1	16	17
##	2335	Ens006i	1	E06000004	983	13	0	13
##	2336	Ens006j	1	E06000004	1	0	0	0
##	2337	Ens006k	1	E06000004	200	8	0	8
##	2338	Ens006l	1	E06000004	117	2	38	40
##	2339	Ens006m	1	E06000004	6041	390	0	390
##	2340	Ens006n	1	E06000004	41	2	0	2
##	2341	Ens006o	1	E06000004	119	1	0	1
##	2342	Ens006p	1	E06000004	3	1	1	2
##	2343	Ens006q	1	E06000004	38	0	16	16
##	2344	Ens006r	1	E06000004	80	0	22	22
##	2345	Ens006s	1	E06000004	80	2	54	56
##	2346	Ens006t	1	E06000004	16	0	2	2
##	2347	Ens006u	1	E06000004	0	0	0	0
##	2348	Ens006v	1	E06000004	19	1	1	2
##	2349	Ens006w	1	E06000004	3	0	0	0
##	2350	Ens006x	1	E06000004	56	2	0	2
##	2351	Ens0000	2	E06000004	487	29	0	29
##	2352	Ens0001	2	E06000004	5	0	0	0
##	2353	Ens0002	2	E06000004	6477	657	0	657
##	2354	Ens0003	2	E06000004	4	0	0	0
##	2355	Ens0004	2	E06000004	2	0	0	0
##	2356	Ens0005	2	E06000004	50	0	25	25
##	2357	Ens0006	2	E06000004	51	0	16	16
##	2358	Ens0007	2	E06000004	10	0	1	1
##	2359	Ens0008	2	E06000004	39	3	0	3
##	2360	Ens0009	2	E06000004	670	0	209	209
##	2361	Ens000a	2	E06000004	78	5	11	16
##	2362	Ens000b	2	E06000004	119	0	15	15
##	2363	Ens000c	2	E06000004	582	7	4	11
##	2364	Ens000d	2	E06000004	56	4	0	4
##	2365	Ens000e	2	E06000004	6448	3	1237	1240
##	2366	Ens000f	2	E06000004	682	55	0	55
##	2367	Ens000g	2	E06000004	8	0	0	0
##	2368	Ens000h	2	E06000004	556	0	185	185
##	2369	Ens000i	2	E06000004	92	11	0	11
##	2370	Ens000j	2	E06000004	1	0	0	0
##	2371	Ens000k	2	E06000004	26	2	0	2
##	2372	Ens000l	2	E06000004	29	0	5	5
##	2373	Ens000m	2	E06000004	798	23	0	23
##	2374	Ens000n	2	E06000004	41	5	0	5
##	2375	Ens000o	2	E06000004	72	0	27	27
##	2376	Ens000p	2	E06000004	390	0	149	149
##	2377	Ens000q	2	E06000004	0	0	0	0
##	2378	Ens000r	2	E06000004	1254	89	0	89

##	2379	Ens000s	2	E06000004	6743	275	335	610
##	2380	Ens000t	2	E06000004	555	26	1	27
##	2381	Ens000u	2	E06000004	91	0	23	23
##	2382	Ens000v	2	E06000004	9	0	8	8
##	2383	Ens000w	2	E06000004	13	0	1	1
##	2384	Ens000x	2	E06000004	438	12	259	271
##	2385	Ens000y	2	E06000004	0	0	1	1
##	2386	Ens000z	2	E06000004	1	0	0	0
##	2387	Ens0010	2	E06000004	22	2	21	23
##	2388	Ens0011	2	E06000004	25	0	6	6
##	2389	Ens0012	2	E06000004	3	0	0	0
##	2390	Ens0013	2	E06000004	34	0	6	6
##	2391	Ens0014	2	E06000004	46	0	17	17
##	2392	Ens0015	2	E06000004	8818	1365	80	1445
##	2393	Ens0016	2	E06000004	7	1	0	1
##	2394	Ens0017	2	E06000004	65	0	13	13
##	2395	Ens0018	2	E06000004	174	5	15	20
##	2396	Ens0019	2	E06000004	31	2	0	2
##	2397	Ens001a	2	E06000004	26	0	0	0
##	2398	Ens001b	2	E06000004	1132	19	0	19
##	2399	Ens001c	2	E06000004	1	0	0	0
##	2400	Ens001d	2	E06000004	941	1	183	184
##	2401	Ens0000	3	E06000004	165	11	0	11
##	2402	Ens0001	3	E06000004	0	0	0	0
##	2403	Ens0002	3	E06000004	5632	433	0	433
##	2404	Ens0003	3	E06000004	8	0	0	0
##	2405	Ens0004	3	E06000004	6	0	0	0
##	2406	Ens0005	3	E06000004	129	0	72	72
##	2407	Ens0006	3	E06000004	106	0	23	23
##	2408	Ens0007	3	E06000004	6	0	4	4
##	2409	Ens0008	3	E06000004	15	0	0	0
##	2410	Ens0009	3	E06000004	562	0	173	173
##	2411	Ens000a	3	E06000004	80	2	8	10
##	2412	Ens000b	3	E06000004	93	0	19	19
##	2413	Ens000c	3	E06000004	582	9	2	11
##	2414	Ens000d	3	E06000004	78	1	0	1
##	2415	Ens000e	3	E06000004	6560	0	1173	1173
##	2416	Ens000f	3	E06000004	436	22	0	22
##	2417	Ens000g	3	E06000004	10	1	0	1
##	2418	Ens000h	3	E06000004	450	0	136	136
##	2419	Ens000i	3	E06000004	137	16	1	17
##	2420	Ens000j	3	E06000004	1	0	0	0
##	2421	Ens000k	3	E06000004	27	2	0	2
##	2422	Ens000l	3	E06000004	26	0	9	9
##	2423	Ens000m	3	E06000004	557	23	0	23
##	2424	Ens000n	3	E06000004	26	2	0	2
##	2425	Ens000o	3	E06000004	111	0	38	38
##	2426	Ens000p	3	E06000004	619	0	264	264
##	2427	Ens000q	3	E06000004	1	0	0	0
##	2428	Ens000r	3	E06000004	1425	111	2	113
##	2429	Ens000s	3	E06000004	7810	335	369	704
##	2430	Ens000t	3	E06000004	621	30	0	30
##	2431	Ens000u	3	E06000004	62	0	12	12
##	2432	Ens000v	3	E06000004	11	0	18	18
##	2433	Ens000w	3	E06000004	15	0	0	0
##	2434	Ens000x	3	E06000004	563	16	371	387
##	2435	Ens000y	3	E06000004	1	0	0	0
##	2436	Ens000z	3	E06000004	2	0	0	0
##	2437	Ens0010	3	E06000004	8	0	10	10
##	2438	Ens0011	3	E06000004	20	0	8	8
##	2439	Ens0012	3	E06000004	2	0	0	0
##	2440	Ens0013	3	E06000004	39	0	14	14
##	2441	Ens0014	3	E06000004	58	0	14	14
##	2442	Ens0015	3	E06000004	8448	1258	84	1342
##	2443	Ens0016	3	E06000004	4	0	0	0
##	2444	Ens0017	3	E06000004	89	0	11	11
##	2445	Ens0018	3	E06000004	98	1	8	9
##	2446	Ens0019	3	E06000004	27	3	0	3
##	2447	Ens001a	3	E06000004	30	0	0	0
##	2448	Ens001b	3	E06000004	1506	44	0	44

##	2449	Ens001c	3	E06000004	0	0	0	0
##	2450	Ens001d	3	E06000004	349	1	75	76
##	2451	Ens0000	4	E06000004	229	12	0	12
##	2452	Ens0001	4	E06000004	1	0	0	0
##	2453	Ens0002	4	E06000004	6084	556	0	556
##	2454	Ens0003	4	E06000004	13	0	0	0
##	2455	Ens0004	4	E06000004	1	0	0	0
##	2456	Ens0005	4	E06000004	31	0	23	23
##	2457	Ens0006	4	E06000004	216	0	40	40
##	2458	Ens0007	4	E06000004	14	0	1	1
##	2459	Ens0008	4	E06000004	35	1	0	1
##	2460	Ens0009	4	E06000004	448	0	151	151
##	2461	Ens000a	4	E06000004	83	3	8	11
##	2462	Ens000b	4	E06000004	125	0	19	19
##	2463	Ens000c	4	E06000004	619	9	2	11
##	2464	Ens000d	4	E06000004	55	0	0	0
##	2465	Ens000e	4	E06000004	6050	2	1048	1050
##	2466	Ens000f	4	E06000004	421	38	0	38
##	2467	Ens000g	4	E06000004	12	1	0	1
##	2468	Ens000h	4	E06000004	551	0	189	189
##	2469	Ens000i	4	E06000004	90	10	0	10
##	2470	Ens000j	4	E06000004	2	1	0	1
##	2471	Ens000k	4	E06000004	13	1	0	1
##	2472	Ens000l	4	E06000004	22	0	0	0
##	2473	Ens000m	4	E06000004	558	23	0	23
##	2474	Ens000n	4	E06000004	19	2	0	2
##	2475	Ens000o	4	E06000004	124	0	48	48
##	2476	Ens000p	4	E06000004	465	0	196	196
##	2477	Ens000q	4	E06000004	2	0	0	0
##	2478	Ens000r	4	E06000004	1614	124	3	127
##	2479	Ens000s	4	E06000004	6218	223	316	539
##	2480	Ens000t	4	E06000004	665	32	0	32
##	2481	Ens000u	4	E06000004	67	0	10	10
##	2482	Ens000v	4	E06000004	14	0	11	11
##	2483	Ens000w	4	E06000004	21	0	4	4
##	2484	Ens000x	4	E06000004	588	18	405	423
##	2485	Ens000y	4	E06000004	0	0	0	0
##	2486	Ens000z	4	E06000004	1	0	0	0
##	2487	Ens0010	4	E06000004	17	0	17	17
##	2488	Ens0011	4	E06000004	25	0	10	10
##	2489	Ens0012	4	E06000004	0	0	1	1
##	2490	Ens0013	4	E06000004	35	1	10	11
##	2491	Ens0014	4	E06000004	93	0	27	27
##	2492	Ens0015	4	E06000004	8798	1344	86	1430
##	2493	Ens0016	4	E06000004	2	0	0	0
##	2494	Ens0017	4	E06000004	79	0	11	11
##	2495	Ens0018	4	E06000004	76	1	4	5
##	2496	Ens0019	4	E06000004	19	1	0	1
##	2497	Ens001a	4	E06000004	30	0	0	0
##	2498	Ens001b	4	E06000004	1259	35	0	35
##	2499	Ens001c	4	E06000004	0	0	0	0
##	2500	Ens001d	4	E06000004	455	0	80	80
##	2501	Ens0000	5	E06000004	242	11	0	11
##	2502	Ens0001	5	E06000004	1	0	0	0
##	2503	Ens0002	5	E06000004	5143	411	0	411
##	2504	Ens0003	5	E06000004	3	0	1	1
##	2505	Ens0004	5	E06000004	5	0	0	0
##	2506	Ens0005	5	E06000004	47	0	25	25
##	2507	Ens0006	5	E06000004	92	0	23	23
##	2508	Ens0007	5	E06000004	6	0	3	3
##	2509	Ens0008	5	E06000004	32	0	0	0
##	2510	Ens0009	5	E06000004	671	0	207	207
##	2511	Ens000a	5	E06000004	95	8	9	17
##	2512	Ens000b	5	E06000004	219	0	34	34
##	2513	Ens000c	5	E06000004	586	7	3	10
##	2514	Ens000d	5	E06000004	57	1	0	1
##	2515	Ens000e	5	E06000004	6662	1	1245	1246
##	2516	Ens000f	5	E06000004	480	28	0	28
##	2517	Ens000g	5	E06000004	13	0	0	0
##	2518	Ens000h	5	E06000004	636	0	235	235

##	2519	Ens000i	5	E06000004	41	5	0	5
##	2520	Ens000j	5	E06000004	8	0	0	0
##	2521	Ens000k	5	E06000004	23	0	0	0
##	2522	Ens000l	5	E06000004	14	0	5	5
##	2523	Ens000m	5	E06000004	939	29	0	29
##	2524	Ens000n	5	E06000004	25	0	0	0
##	2525	Ens000o	5	E06000004	94	0	34	34
##	2526	Ens000p	5	E06000004	472	0	211	211
##	2527	Ens000q	5	E06000004	0	0	0	0
##	2528	Ens000r	5	E06000004	1471	121	2	123
##	2529	Ens000s	5	E06000004	6922	265	356	621
##	2530	Ens000t	5	E06000004	523	36	0	36
##	2531	Ens000u	5	E06000004	114	0	29	29
##	2532	Ens000v	5	E06000004	4	0	18	18
##	2533	Ens000w	5	E06000004	9	0	1	1
##	2534	Ens000x	5	E06000004	323	7	246	253
##	2535	Ens000y	5	E06000004	2	0	0	0
##	2536	Ens000z	5	E06000004	0	0	0	0
##	2537	Ens0010	5	E06000004	17	0	22	22
##	2538	Ens0011	5	E06000004	93	0	7	7
##	2539	Ens0012	5	E06000004	3	0	2	2
##	2540	Ens0013	5	E06000004	23	0	3	3
##	2541	Ens0014	5	E06000004	80	0	24	24
##	2542	Ens0015	5	E06000004	8459	1255	93	1348
##	2543	Ens0016	5	E06000004	9	0	0	0
##	2544	Ens0017	5	E06000004	72	0	11	11
##	2545	Ens0018	5	E06000004	102	3	8	11
##	2546	Ens0019	5	E06000004	19	1	0	1
##	2547	Ens001a	5	E06000004	17	1	0	1
##	2548	Ens001b	5	E06000004	1184	25	0	25
##	2549	Ens001c	5	E06000004	1	0	0	0
##	2550	Ens001d	5	E06000004	412	0	83	83
##	2551	Ens0000	6	E06000004	209	6	0	6
##	2552	Ens0001	6	E06000004	2	0	0	0
##	2553	Ens0002	6	E06000004	6037	491	0	491
##	2554	Ens0003	6	E06000004	5	0	0	0
##	2555	Ens0004	6	E06000004	3	0	0	0
##	2556	Ens0005	6	E06000004	35	0	33	33
##	2557	Ens0006	6	E06000004	81	0	25	25
##	2558	Ens0007	6	E06000004	5	0	0	0
##	2559	Ens0008	6	E06000004	31	0	0	0
##	2560	Ens0009	6	E06000004	864	0	300	300
##	2561	Ens000a	6	E06000004	138	6	16	22
##	2562	Ens000b	6	E06000004	80	0	17	17
##	2563	Ens000c	6	E06000004	615	2	2	4
##	2564	Ens000d	6	E06000004	52	1	0	1
##	2565	Ens000e	6	E06000004	6711	2	1282	1284
##	2566	Ens000f	6	E06000004	488	36	0	36
##	2567	Ens000g	6	E06000004	6	0	0	0
##	2568	Ens000h	6	E06000004	684	0	213	213
##	2569	Ens000i	6	E06000004	48	4	0	4
##	2570	Ens000j	6	E06000004	1	0	0	0
##	2571	Ens000k	6	E06000004	73	4	0	4
##	2572	Ens000l	6	E06000004	51	0	5	5
##	2573	Ens000m	6	E06000004	650	20	0	20
##	2574	Ens000n	6	E06000004	48	3	0	3
##	2575	Ens000o	6	E06000004	87	0	25	25
##	2576	Ens000p	6	E06000004	440	0	181	181
##	2577	Ens000q	6	E06000004	3	0	0	0
##	2578	Ens000r	6	E06000004	1638	119	2	121
##	2579	Ens000s	6	E06000004	6880	300	323	623
##	2580	Ens000t	6	E06000004	579	20	0	20
##	2581	Ens000u	6	E06000004	146	0	24	24
##	2582	Ens000v	6	E06000004	28	0	42	42
##	2583	Ens000w	6	E06000004	16	0	6	6
##	2584	Ens000x	6	E06000004	493	13	311	324
##	2585	Ens000y	6	E06000004	2	0	1	1
##	2586	Ens000z	6	E06000004	7	0	0	0
##	2587	Ens0010	6	E06000004	22	0	17	17
##	2588	Ens0011	6	E06000004	30	0	4	4

##	2589	Ens0012	6	E06000004	1	0	0	0
##	2590	Ens0013	6	E06000004	47	0	13	13
##	2591	Ens0014	6	E06000004	49	0	22	22
##	2592	Ens0015	6	E06000004	8691	1250	95	1345
##	2593	Ens0016	6	E06000004	9	3	0	3
##	2594	Ens0017	6	E06000004	48	0	9	9
##	2595	Ens0018	6	E06000004	161	2	12	14
##	2596	Ens0019	6	E06000004	14	0	0	0
##	2597	Ens001a	6	E06000004	20	1	0	1
##	2598	Ens001b	6	E06000004	1200	30	0	30
##	2599	Ens001c	6	E06000004	1	0	0	0
##	2600	Ens001d	6	E06000004	318	0	52	52
##	2601	Ens0000	7	E06000004	328	28	0	28
##	2602	Ens0001	7	E06000004	0	0	0	0
##	2603	Ens0002	7	E06000004	5579	449	0	449
##	2604	Ens0003	7	E06000004	5	0	0	0
##	2605	Ens0004	7	E06000004	4	0	0	0
##	2606	Ens0005	7	E06000004	45	0	31	31
##	2607	Ens0006	7	E06000004	61	0	18	18
##	2608	Ens0007	7	E06000004	9	0	1	1
##	2609	Ens0008	7	E06000004	18	0	0	0
##	2610	Ens0009	7	E06000004	563	0	197	197
##	2611	Ens000a	7	E06000004	98	3	11	14
##	2612	Ens000b	7	E06000004	117	0	24	24
##	2613	Ens000c	7	E06000004	546	10	0	10
##	2614	Ens000d	7	E06000004	138	3	0	3
##	2615	Ens000e	7	E06000004	6208	2	1149	1151
##	2616	Ens000f	7	E06000004	502	40	0	40
##	2617	Ens000g	7	E06000004	11	0	0	0
##	2618	Ens000h	7	E06000004	486	1	170	171
##	2619	Ens000i	7	E06000004	64	5	0	5
##	2620	Ens000j	7	E06000004	1	0	0	0
##	2621	Ens000k	7	E06000004	13	0	0	0
##	2622	Ens000l	7	E06000004	8	0	2	2
##	2623	Ens000m	7	E06000004	1052	36	0	36
##	2624	Ens000n	7	E06000004	29	2	0	2
##	2625	Ens000o	7	E06000004	152	0	53	53
##	2626	Ens000p	7	E06000004	1069	0	431	431
##	2627	Ens000q	7	E06000004	0	0	0	0
##	2628	Ens000r	7	E06000004	2313	188	2	190
##	2629	Ens000s	7	E06000004	6552	265	337	602
##	2630	Ens000t	7	E06000004	553	21	0	21
##	2631	Ens000u	7	E06000004	75	0	12	12
##	2632	Ens000v	7	E06000004	14	1	16	17
##	2633	Ens000w	7	E06000004	7	0	4	4
##	2634	Ens000x	7	E06000004	348	11	261	272
##	2635	Ens000y	7	E06000004	1	0	0	0
##	2636	Ens000z	7	E06000004	1	0	0	0
##	2637	Ens0010	7	E06000004	11	0	10	10
##	2638	Ens0011	7	E06000004	40	0	3	3
##	2639	Ens0012	7	E06000004	9	0	2	2
##	2640	Ens0013	7	E06000004	42	1	7	8
##	2641	Ens0014	7	E06000004	67	0	16	16
##	2642	Ens0015	7	E06000004	8400	1259	85	1344
##	2643	Ens0016	7	E06000004	8	0	0	0
##	2644	Ens0017	7	E06000004	63	0	17	17
##	2645	Ens0018	7	E06000004	135	3	20	23
##	2646	Ens0019	7	E06000004	11	0	0	0
##	2647	Ens001a	7	E06000004	15	0	0	0
##	2648	Ens001b	7	E06000004	1113	21	2	23
##	2649	Ens001c	7	E06000004	2	0	0	0
##	2650	Ens001d	7	E06000004	494	2	100	102
##	2651	Ens0000	8	E06000004	270	11	0	11
##	2652	Ens0001	8	E06000004	2	1	0	1
##	2653	Ens0002	8	E06000004	6088	523	1	524
##	2654	Ens0003	8	E06000004	8	0	0	0
##	2655	Ens0004	8	E06000004	5	0	0	0
##	2656	Ens0005	8	E06000004	50	0	26	26
##	2657	Ens0006	8	E06000004	97	0	22	22
##	2658	Ens0007	8	E06000004	2	0	0	0



##	2659	Ens0008	8	E06000004	37	1	0	1
##	2660	Ens0009	8	E06000004	596	0	178	178
##	2661	Ens000a	8	E06000004	73	7	10	17
##	2662	Ens000b	8	E06000004	104	0	17	17
##	2663	Ens000c	8	E06000004	562	9	2	11
##	2664	Ens000d	8	E06000004	60	0	0	0
##	2665	Ens000e	8	E06000004	6745	4	1278	1282
##	2666	Ens000f	8	E06000004	342	26	0	26
##	2667	Ens000g	8	E06000004	6	1	0	1
##	2668	Ens000h	8	E06000004	639	2	193	195
##	2669	Ens000i	8	E06000004	108	14	2	16
##	2670	Ens000j	8	E06000004	1	0	0	0
##	2671	Ens000k	8	E06000004	6	0	0	0
##	2672	Ens000l	8	E06000004	27	0	3	3
##	2673	Ens000m	8	E06000004	831	29	0	29
##	2674	Ens000n	8	E06000004	53	4	0	4
##	2675	Ens000o	8	E06000004	54	0	22	22
##	2676	Ens000p	8	E06000004	1120	0	492	492
##	2677	Ens000q	8	E06000004	0	0	0	0
##	2678	Ens000r	8	E06000004	1679	130	2	132
##	2679	Ens000s	8	E06000004	8166	406	409	815
##	2680	Ens000t	8	E06000004	809	30	0	30
##	2681	Ens000u	8	E06000004	116	0	28	28
##	2682	Ens000v	8	E06000004	12	0	22	22
##	2683	Ens000w	8	E06000004	20	0	7	7
##	2684	Ens000x	8	E06000004	333	11	225	236
##	2685	Ens000y	8	E06000004	1	0	1	1
##	2686	Ens000z	8	E06000004	1	0	0	0
##	2687	Ens0010	8	E06000004	22	0	14	14
##	2688	Ens0011	8	E06000004	57	0	13	13
##	2689	Ens0012	8	E06000004	2	0	1	1
##	2690	Ens0013	8	E06000004	25	0	4	4
##	2691	Ens0014	8	E06000004	71	0	21	21
##	2692	Ens0015	8	E06000004	8671	1293	71	1364
##	2693	Ens0016	8	E06000004	6	0	0	0
##	2694	Ens0017	8	E06000004	100	0	19	19
##	2695	Ens0018	8	E06000004	108	2	4	6
##	2696	Ens0019	8	E06000004	32	1	0	1
##	2697	Ens001a	8	E06000004	22	0	0	0
##	2698	Ens001b	8	E06000004	913	19	0	19
##	2699	Ens001c	8	E06000004	1	0	0	0
##	2700	Ens001d	8	E06000004	348	1	59	60
##	2701	Ens0000	9	E06000004	216	12	0	12
##	2702	Ens0001	9	E06000004	1	0	0	0
##	2703	Ens0002	9	E06000004	5707	470	0	470
##	2704	Ens0003	9	E06000004	5	0	0	0
##	2705	Ens0004	9	E06000004	0	0	0	0
##	2706	Ens0005	9	E06000004	36	0	23	23
##	2707	Ens0006	9	E06000004	115	0	30	30
##	2708	Ens0007	9	E06000004	4	0	1	1
##	2709	Ens0008	9	E06000004	42	1	0	1
##	2710	Ens0009	9	E06000004	1095	0	337	337
##	2711	Ens000a	9	E06000004	82	1	13	14
##	2712	Ens000b	9	E06000004	115	0	19	19
##	2713	Ens000c	9	E06000004	972	18	4	22
##	2714	Ens000d	9	E06000004	47	2	0	2
##	2715	Ens000e	9	E06000004	6241	0	1186	1186
##	2716	Ens000f	9	E06000004	399	27	0	27
##	2717	Ens000g	9	E06000004	6	0	0	0
##	2718	Ens000h	9	E06000004	448	0	144	144
##	2719	Ens000i	9	E06000004	59	5	0	5
##	2720	Ens000j	9	E06000004	6	1	0	1
##	2721	Ens000k	9	E06000004	27	2	0	2
##	2722	Ens000l	9	E06000004	33	0	3	3
##	2723	Ens000m	9	E06000004	511	17	0	17
##	2724	Ens000n	9	E06000004	23	3	0	3
##	2725	Ens000o	9	E06000004	84	0	30	30
##	2726	Ens000p	9	E06000004	392	0	188	188
##	2727	Ens000q	9	E06000004	0	0	0	0
##	2728	Ens000r	9	E06000004	1826	170	0	170

##	2729	Ens000s	9	E06000004	6762	279	350	629
##	2730	Ens000t	9	E06000004	816	39	1	40
##	2731	Ens000u	9	E06000004	171	0	38	38
##	2732	Ens000v	9	E06000004	13	0	14	14
##	2733	Ens000w	9	E06000004	28	0	2	2
##	2734	Ens000x	9	E06000004	2110	85	1513	1598
##	2735	Ens000y	9	E06000004	0	0	1	1
##	2736	Ens000z	9	E06000004	1	0	1	1
##	2737	Ens0010	9	E06000004	44	1	27	28
##	2738	Ens0011	9	E06000004	35	0	6	6
##	2739	Ens0012	9	E06000004	8	0	1	1
##	2740	Ens0013	9	E06000004	45	0	12	12
##	2741	Ens0014	9	E06000004	65	0	14	14
##	2742	Ens0015	9	E06000004	8941	1504	88	1592
##	2743	Ens0016	9	E06000004	10	0	0	0
##	2744	Ens0017	9	E06000004	151	0	24	24
##	2745	Ens0018	9	E06000004	90	0	6	6
##	2746	Ens0019	9	E06000004	17	4	0	4
##	2747	Ens001a	9	E06000004	23	0	0	0
##	2748	Ens001b	9	E06000004	962	20	0	20
##	2749	Ens001c	9	E06000004	0	0	0	0
##	2750	Ens001d	9	E06000004	352	0	70	70
##	2751	Ens0000	10	E06000004	269	10	0	10
##	2752	Ens0001	10	E06000004	8	0	0	0
##	2753	Ens0002	10	E06000004	5565	453	0	453
##	2754	Ens0003	10	E06000004	12	0	1	1
##	2755	Ens0004	10	E06000004	13	2	0	2
##	2756	Ens0005	10	E06000004	59	0	33	33
##	2757	Ens0006	10	E06000004	56	0	19	19
##	2758	Ens0007	10	E06000004	3	0	0	0
##	2759	Ens0008	10	E06000004	26	2	0	2
##	2760	Ens0009	10	E06000004	552	0	190	190
##	2761	Ens000a	10	E06000004	115	7	12	19
##	2762	Ens000b	10	E06000004	83	0	13	13
##	2763	Ens000c	10	E06000004	704	8	2	10
##	2764	Ens000d	10	E06000004	66	2	0	2
##	2765	Ens000e	10	E06000004	6730	6	1308	1314
##	2766	Ens000f	10	E06000004	590	47	0	47
##	2767	Ens000g	10	E06000004	7	0	0	0
##	2768	Ens000h	10	E06000004	889	1	308	309
##	2769	Ens000i	10	E06000004	82	7	0	7
##	2770	Ens000j	10	E06000004	4	0	0	0
##	2771	Ens000k	10	E06000004	48	1	0	1
##	2772	Ens000l	10	E06000004	26	0	7	7
##	2773	Ens000m	10	E06000004	681	29	0	29
##	2774	Ens000n	10	E06000004	28	1	0	1
##	2775	Ens000o	10	E06000004	65	0	20	20
##	2776	Ens000p	10	E06000004	321	0	125	125
##	2777	Ens000q	10	E06000004	0	0	0	0
##	2778	Ens000r	10	E06000004	1443	108	4	112
##	2779	Ens000s	10	E06000004	7095	275	372	647
##	2780	Ens000t	10	E06000004	539	28	0	28
##	2781	Ens000u	10	E06000004	162	0	37	37
##	2782	Ens000v	10	E06000004	17	1	20	21
##	2783	Ens000w	10	E06000004	13	0	3	3
##	2784	Ens000x	10	E06000004	518	8	357	365
##	2785	Ens000y	10	E06000004	0	0	0	0
##	2786	Ens000z	10	E06000004	4	0	0	0
##	2787	Ens0010	10	E06000004	22	0	28	28
##	2788	Ens0011	10	E06000004	34	0	3	3
##	2789	Ens0012	10	E06000004	7	1	4	5
##	2790	Ens0013	10	E06000004	33	0	2	2
##	2791	Ens0014	10	E06000004	126	0	35	35
##	2792	Ens0015	10	E06000004	8572	1275	86	1361
##	2793	Ens0016	10	E06000004	10	2	0	2
##	2794	Ens0017	10	E06000004	64	0	12	12
##	2795	Ens0018	10	E06000004	78	4	10	14
##	2796	Ens0019	10	E06000004	16	0	0	0
##	2797	Ens001a	10	E06000004	30	0	0	0
##	2798	Ens001b	10	E06000004	1148	22	0	22

##	2799	Ens001c	10	E06000004	1	0	0	0
##	2800	Ens001d	10	E06000004	337	0	58	58
##	2801	Ens0000	1	E06000005	140	7	0	7
##	2802	Ens0001	1	E06000005	1	0	0	0
##	2803	Ens0002	1	E06000005	3060	268	0	268
##	2804	Ens0003	1	E06000005	5	0	0	0
##	2805	Ens0004	1	E06000005	4	0	0	0
##	2806	Ens0005	1	E06000005	27	0	19	19
##	2807	Ens0006	1	E06000005	56	0	14	14
##	2808	Ens0007	1	E06000005	3	0	0	0
##	2809	Ens0008	1	E06000005	18	1	0	1
##	2810	Ens0009	1	E06000005	451	0	145	145
##	2811	Ens000a	1	E06000005	69	0	8	8
##	2812	Ens000b	1	E06000005	61	0	15	15
##	2813	Ens000c	1	E06000005	328	8	1	9
##	2814	Ens000d	1	E06000005	40	2	0	2
##	2815	Ens000e	1	E06000005	3445	1	673	674
##	2816	Ens000f	1	E06000005	182	12	0	12
##	2817	Ens000g	1	E06000005	4	0	0	0
##	2818	Ens000h	1	E06000005	306	0	115	115
##	2819	Ens000i	1	E06000005	45	2	0	2
##	2820	Ens000j	1	E06000005	0	0	0	0
##	2821	Ens000k	1	E06000005	10	0	0	0
##	2822	Ens000l	1	E06000005	18	0	3	3
##	2823	Ens000m	1	E06000005	390	16	0	16
##	2824	Ens000n	1	E06000005	20	1	0	1
##	2825	Ens000o	1	E06000005	61	0	19	19
##	2826	Ens000p	1	E06000005	224	0	87	87
##	2827	Ens000q	1	E06000005	0	0	1	1
##	2828	Ens000r	1	E06000005	1060	67	0	67
##	2829	Ens000s	1	E06000005	4233	187	227	414
##	2830	Ens000t	1	E06000005	313	16	0	16
##	2831	Ens000u	1	E06000005	108	0	25	25
##	2832	Ens000v	1	E06000005	5	0	12	12
##	2833	Ens000w	1	E06000005	8	0	3	3
##	2834	Ens000x	1	E06000005	308	4	208	212
##	2835	Ens000y	1	E06000005	0	0	0	0
##	2836	Ens000z	1	E06000005	5	0	1	1
##	2837	Ens0010	1	E06000005	5	0	14	14
##	2838	Ens0011	1	E06000005	16	0	2	2
##	2839	Ens0012	1	E06000005	0	0	0	0
##	2840	Ens0013	1	E06000005	20	0	7	7
##	2841	Ens0014	1	E06000005	41	0	10	10
##	2842	Ens0015	1	E06000005	4764	739	55	794
##	2843	Ens0016	1	E06000005	1	0	0	0
##	2844	Ens0017	1	E06000005	34	0	14	14
##	2845	Ens0018	1	E06000005	85	0	6	6
##	2846	Ens0019	1	E06000005	17	2	0	2
##	2847	Ens001a	1	E06000005	10	0	0	0
##	2848	Ens001b	1	E06000005	605	10	0	10
##	2849	Ens001c	1	E06000005	1	0	0	0
##	2850	Ens001d	1	E06000005	366	1	77	78
##	2851	Ens001e	1	E06000005	31	0	13	13
##	2852	Ens001f	1	E06000005	5	0	0	0
##	2853	Ens001g	1	E06000005	633	0	210	210
##	2854	Ens001h	1	E06000005	442	6	22	28
##	2855	Ens001i	1	E06000005	2	0	0	0
##	2856	Ens001j	1	E06000005	21	0	0	0
##	2857	Ens001k	1	E06000005	2	0	0	0
##	2858	Ens001l	1	E06000005	19	3	1	4
##	2859	Ens001m	1	E06000005	75	2	2	4
##	2860	Ens001n	1	E06000005	168	6	1	7
##	2861	Ens001o	1	E06000005	10	0	2	2
##	2862	Ens001p	1	E06000005	630	54	0	54
##	2863	Ens001q	1	E06000005	154	8	0	8
##	2864	Ens001r	1	E06000005	275	20	0	20
##	2865	Ens001s	1	E06000005	26	0	9	9
##	2866	Ens001t	1	E06000005	0	0	0	0
##	2867	Ens001u	1	E06000005	10	1	0	1
##	2868	Ens001v	1	E06000005	460	14	0	14

##	2869	Ens001w	1	E06000005	200	18	0	18
##	2870	Ens001x	1	E06000005	0	0	0	0
##	2871	Ens001y	1	E06000005	2237	288	0	288
##	2872	Ens001z	1	E06000005	5	0	0	0
##	2873	Ens0020	1	E06000005	16	3	0	3
##	2874	Ens0021	1	E06000005	43	3	12	15
##	2875	Ens0022	1	E06000005	79	1	0	1
##	2876	Ens0023	1	E06000005	1852	209	0	209
##	2877	Ens0024	1	E06000005	1	0	0	0
##	2878	Ens0025	1	E06000005	9	0	0	0
##	2879	Ens0026	1	E06000005	2688	0	658	658
##	2880	Ens0027	1	E06000005	5	0	1	1
##	2881	Ens0028	1	E06000005	1	0	0	0
##	2882	Ens0029	1	E06000005	293	9	70	79
##	2883	Ens002a	1	E06000005	45	0	8	8
##	2884	Ens002b	1	E06000005	748	19	0	19
##	2885	Ens002c	1	E06000005	36	0	11	11
##	2886	Ens002d	1	E06000005	15	1	0	1
##	2887	Ens002e	1	E06000005	131	0	49	49
##	2888	Ens002f	1	E06000005	22	0	15	15
##	2889	Ens002g	1	E06000005	400	24	0	24
##	2890	Ens002h	1	E06000005	605	0	126	126
##	2891	Ens002i	1	E06000005	1168	13	0	13
##	2892	Ens002j	1	E06000005	16	3	0	3
##	2893	Ens002k	1	E06000005	0	0	0	0
##	2894	Ens002l	1	E06000005	74	3	0	3
##	2895	Ens002m	1	E06000005	48	5	0	5
##	2896	Ens002n	1	E06000005	69	7	13	20
##	2897	Ens002o	1	E06000005	177	2	14	16
##	2898	Ens002p	1	E06000005	39	3	0	3
##	2899	Ens002q	1	E06000005	1	0	0	0
##	2900	Ens002r	1	E06000005	3	0	0	0
##	2901	Ens002s	1	E06000005	171	4	0	4
##	2902	Ens002t	1	E06000005	1633	192	0	192
##	2903	Ens002u	1	E06000005	33	1	0	1
##	2904	Ens002v	1	E06000005	3	1	0	1
##	2905	Ens002w	1	E06000005	1522	76	0	76
##	2906	Ens002x	1	E06000005	725	43	0	43
##	2907	Ens002y	1	E06000005	116	3	17	20
##	2908	Ens002z	1	E06000005	1236	0	200	200
##	2909	Ens0030	1	E06000005	1830	0	212	212
##	2910	Ens0031	1	E06000005	20	0	3	3
##	2911	Ens0032	1	E06000005	205	6	1	7
##	2912	Ens0033	1	E06000005	2758	82	4	86
##	2913	Ens0034	1	E06000005	33	0	4	4
##	2914	Ens0035	1	E06000005	430	28	2	30
##	2915	Ens0036	1	E06000005	26	0	3	3
##	2916	Ens0037	1	E06000005	9	2	0	2
##	2917	Ens0038	1	E06000005	772	1	210	211
##	2918	Ens0039	1	E06000005	23	0	5	5
##	2919	Ens003a	1	E06000005	680	63	0	63
##	2920	Ens003b	1	E06000005	2	0	0	0
##	2921	Ens003c	1	E06000005	7	0	1	1
##	2922	Ens003d	1	E06000005	11	0	0	0
##	2923	Ens003e	1	E06000005	3554	0	612	612
##	2924	Ens003f	1	E06000005	19	0	1	1
##	2925	Ens003g	1	E06000005	3	0	1	1
##	2926	Ens003h	1	E06000005	18	1	0	1
##	2927	Ens003i	1	E06000005	23	0	8	8
##	2928	Ens003j	1	E06000005	0	0	1	1
##	2929	Ens003k	1	E06000005	34	1	8	9
##	2930	Ens003l	1	E06000005	1	1	0	1
##	2931	Ens003m	1	E06000005	1	0	1	1
##	2932	Ens003n	1	E06000005	0	0	0	0
##	2933	Ens003o	1	E06000005	2	0	0	0
##	2934	Ens003p	1	E06000005	48	3	0	3
##	2935	Ens003q	1	E06000005	24	0	0	0
##	2936	Ens003r	1	E06000005	18	0	0	0
##	2937	Ens003s	1	E06000005	7	0	0	0
##	2938	Ens003t	1	E06000005	6	0	0	0

##	2939	Ens003u	1	E06000005	355	6	17	23
##	2940	Ens003v	1	E06000005	0	0	0	0
##	2941	Ens003w	1	E06000005	2027	31	307	338
##	2942	Ens003x	1	E06000005	6	0	0	0
##	2943	Ens003y	1	E06000005	257	9	3	12
##	2944	Ens003z	1	E06000005	202	12	0	12
##	2945	Ens0040	1	E06000005	12	0	0	0
##	2946	Ens0041	1	E06000005	31	4	0	4
##	2947	Ens0042	1	E06000005	7	0	0	0
##	2948	Ens0043	1	E06000005	16	0	1	1
##	2949	Ens0044	1	E06000005	2302	27	3	30
##	2950	Ens0045	1	E06000005	196	7	10	17
##	2951	Ens0046	1	E06000005	1657	139	0	139
##	2952	Ens0047	1	E06000005	161	0	56	56
##	2953	Ens0048	1	E06000005	259	5	0	5
##	2954	Ens0049	1	E06000005	1	0	0	0
##	2955	Ens004a	1	E06000005	160	0	27	27
##	2956	Ens004b	1	E06000005	4	0	3	3
##	2957	Ens004c	1	E06000005	0	0	0	0
##	2958	Ens004d	1	E06000005	1	0	0	0
##	2959	Ens004e	1	E06000005	544	0	87	87
##	2960	Ens004f	1	E06000005	2	0	0	0
##	2961	Ens004g	1	E06000005	155	0	56	56
##	2962	Ens004h	1	E06000005	2058	0	170	170
##	2963	Ens004i	1	E06000005	46	0	13	13
##	2964	Ens004j	1	E06000005	3	0	0	0
##	2965	Ens004k	1	E06000005	5078	386	0	386
##	2966	Ens004l	1	E06000005	19	0	22	22
##	2967	Ens004m	1	E06000005	5	0	0	0
##	2968	Ens004n	1	E06000005	4	0	2	2
##	2969	Ens004o	1	E06000005	30	1	0	1
##	2970	Ens004p	1	E06000005	8	0	1	1
##	2971	Ens004q	1	E06000005	211	3	0	3
##	2972	Ens004r	1	E06000005	7	0	0	0
##	2973	Ens004s	1	E06000005	3	0	1	1
##	2974	Ens004t	1	E06000005	23	4	0	4
##	2975	Ens004u	1	E06000005	38	0	0	0
##	2976	Ens004v	1	E06000005	197	8	1	9
##	2977	Ens004w	1	E06000005	8	0	2	2
##	2978	Ens004x	1	E06000005	737	0	193	193
##	2979	Ens004y	1	E06000005	9	0	0	0
##	2980	Ens004z	1	E06000005	64	1	22	23
##	2981	Ens0050	1	E06000005	1	0	0	0
##	2982	Ens0051	1	E06000005	26	1	0	1
##	2983	Ens0052	1	E06000005	6	0	1	1
##	2984	Ens0053	1	E06000005	3576	256	25	281
##	2985	Ens0054	1	E06000005	8	0	3	3
##	2986	Ens0055	1	E06000005	128	2	0	2
##	2987	Ens0056	1	E06000005	1782	40	0	40
##	2988	Ens0057	1	E06000005	1109	58	1	59
##	2989	Ens0058	1	E06000005	310	0	93	93
##	2990	Ens0059	1	E06000005	72	4	0	4
##	2991	Ens005a	1	E06000005	1648	0	489	489
##	2992	Ens005b	1	E06000005	193	0	48	48
##	2993	Ens005c	1	E06000005	5	0	0	0
##	2994	Ens005d	1	E06000005	4	1	0	1
##	2995	Ens005e	1	E06000005	176	2	41	43
##	2996	Ens005f	1	E06000005	389	0	42	42
##	2997	Ens005g	1	E06000005	73	0	2	2
##	2998	Ens005h	1	E06000005	1	0	0	0
##	2999	Ens005i	1	E06000005	4	0	0	0
##	3000	Ens005j	1	E06000005	128	2	0	2
##	3001	Ens005k	1	E06000005	88	7	0	7
##	3002	Ens005l	1	E06000005	0	0	0	0
##	3003	Ens005m	1	E06000005	6	0	0	0
##	3004	Ens005n	1	E06000005	36	0	0	0
##	3005	Ens005o	1	E06000005	378	0	178	178
##	3006	Ens005p	1	E06000005	47	0	13	13
##	3007	Ens005q	1	E06000005	1	0	0	0
##	3008	Ens005r	1	E06000005	2	0	0	0

##	3009	Ens005s	1	E06000005	1	0	0	0
##	3010	Ens005t	1	E06000005	628	0	1342	1342
##	3011	Ens005u	1	E06000005	32	1	0	1
##	3012	Ens005v	1	E06000005	33	0	18	18
##	3013	Ens005w	1	E06000005	251	0	145	145
##	3014	Ens005x	1	E06000005	6	0	1	1
##	3015	Ens005y	1	E06000005	373	38	0	38
##	3016	Ens005z	1	E06000005	120	0	21	21
##	3017	Ens0060	1	E06000005	51	1	0	1
##	3018	Ens0061	1	E06000005	1810	177	7	184
##	3019	Ens0062	1	E06000005	1130	0	287	287
##	3020	Ens0063	1	E06000005	183	5	1	6
##	3021	Ens0064	1	E06000005	1047	48	43	91
##	3022	Ens0065	1	E06000005	2	0	0	0
##	3023	Ens0066	1	E06000005	109	5	7	12
##	3024	Ens0067	1	E06000005	0	0	1	1
##	3025	Ens0068	1	E06000005	0	0	0	0
##	3026	Ens0069	1	E06000005	9	0	0	0
##	3027	Ens006a	1	E06000005	35	3	0	3
##	3028	Ens006b	1	E06000005	474	13	0	13
##	3029	Ens006c	1	E06000005	2505	508	10	518
##	3030	Ens006d	1	E06000005	429	0	146	146
##	3031	Ens006e	1	E06000005	147	14	3	17
##	3032	Ens006f	1	E06000005	1115	0	183	183
##	3033	Ens006g	1	E06000005	2836	321	0	321
##	3034	Ens006h	1	E06000005	22	0	1	1
##	3035	Ens006i	1	E06000005	735	15	0	15
##	3036	Ens006j	1	E06000005	2	0	0	0
##	3037	Ens006k	1	E06000005	136	2	0	2
##	3038	Ens006l	1	E06000005	75	2	19	21
##	3039	Ens006m	1	E06000005	3485	231	0	231
##	3040	Ens006n	1	E06000005	30	6	0	6
##	3041	Ens006o	1	E06000005	94	5	0	5
##	3042	Ens006p	1	E06000005	4	1	0	1
##	3043	Ens006q	1	E06000005	24	0	7	7
##	3044	Ens006r	1	E06000005	42	0	7	7
##	3045	Ens006s	1	E06000005	67	0	49	49
##	3046	Ens006t	1	E06000005	12	0	8	8
##	3047	Ens006u	1	E06000005	0	0	0	0
##	3048	Ens006v	1	E06000005	13	0	1	1
##	3049	Ens006w	1	E06000005	0	0	0	0
##	3050	Ens006x	1	E06000005	22	1	0	1
##	3051	Ens0000	2	E06000005	304	16	0	16
##	3052	Ens0001	2	E06000005	0	0	0	0
##	3053	Ens0002	2	E06000005	3609	325	0	325
##	3054	Ens0003	2	E06000005	9	0	0	0
##	3055	Ens0004	2	E06000005	0	0	0	0
##	3056	Ens0005	2	E06000005	26	0	17	17
##	3057	Ens0006	2	E06000005	43	0	5	5
##	3058	Ens0007	2	E06000005	6	0	0	0
##	3059	Ens0008	2	E06000005	24	1	0	1
##	3060	Ens0009	2	E06000005	491	0	134	134
##	3061	Ens000a	2	E06000005	52	2	5	7
##	3062	Ens000b	2	E06000005	70	0	10	10
##	3063	Ens000c	2	E06000005	404	15	2	17
##	3064	Ens000d	2	E06000005	33	2	0	2
##	3065	Ens000e	2	E06000005	3727	0	700	700
##	3066	Ens000f	2	E06000005	446	46	0	46
##	3067	Ens000g	2	E06000005	7	0	0	0
##	3068	Ens000h	2	E06000005	304	0	107	107
##	3069	Ens000i	2	E06000005	67	8	2	10
##	3070	Ens000j	2	E06000005	1	0	0	0
##	3071	Ens000k	2	E06000005	17	0	0	0
##	3072	Ens000l	2	E06000005	9	0	0	0
##	3073	Ens000m	2	E06000005	639	20	0	20
##	3074	Ens000n	2	E06000005	16	3	0	3
##	3075	Ens000o	2	E06000005	64	0	19	19
##	3076	Ens000p	2	E06000005	266	0	102	102
##	3077	Ens000q	2	E06000005	1	0	0	0
##	3078	Ens000r	2	E06000005	856	68	0	68

##	3079	Ens000s	2	E06000005	3740	146	188	334
##	3080	Ens000t	2	E06000005	465	29	0	29
##	3081	Ens000u	2	E06000005	94	0	22	22
##	3082	Ens000v	2	E06000005	4	0	11	11
##	3083	Ens000w	2	E06000005	5	0	1	1
##	3084	Ens000x	2	E06000005	290	12	225	237
##	3085	Ens000y	2	E06000005	0	0	0	0
##	3086	Ens000z	2	E06000005	4	0	0	0
##	3087	Ens0010	2	E06000005	11	1	12	13
##	3088	Ens0011	2	E06000005	25	0	1	1
##	3089	Ens0012	2	E06000005	4	0	0	0
##	3090	Ens0013	2	E06000005	33	0	6	6
##	3091	Ens0014	2	E06000005	30	0	5	5
##	3092	Ens0015	2	E06000005	4695	729	50	779
##	3093	Ens0016	2	E06000005	5	0	0	0
##	3094	Ens0017	2	E06000005	41	0	3	3
##	3095	Ens0018	2	E06000005	144	0	11	11
##	3096	Ens0019	2	E06000005	26	1	0	1
##	3097	Ens001a	2	E06000005	22	2	0	2
##	3098	Ens001b	2	E06000005	712	20	0	20
##	3099	Ens001c	2	E06000005	1	0	0	0
##	3100	Ens001d	2	E06000005	604	0	134	134
##	3101	Ens0000	3	E06000005	123	9	0	9
##	3102	Ens0001	3	E06000005	2	0	0	0
##	3103	Ens0002	3	E06000005	3157	276	0	276
##	3104	Ens0003	3	E06000005	3	0	0	0
##	3105	Ens0004	3	E06000005	7	0	0	0
##	3106	Ens0005	3	E06000005	44	0	27	27
##	3107	Ens0006	3	E06000005	60	0	16	16
##	3108	Ens0007	3	E06000005	0	0	0	0
##	3109	Ens0008	3	E06000005	11	0	0	0
##	3110	Ens0009	3	E06000005	349	0	111	111
##	3111	Ens000a	3	E06000005	43	2	7	9
##	3112	Ens000b	3	E06000005	103	0	18	18
##	3113	Ens000c	3	E06000005	416	6	2	8
##	3114	Ens000d	3	E06000005	59	0	0	0
##	3115	Ens000e	3	E06000005	3761	2	701	703
##	3116	Ens000f	3	E06000005	360	24	0	24
##	3117	Ens000g	3	E06000005	3	0	0	0
##	3118	Ens000h	3	E06000005	281	0	80	80
##	3119	Ens000i	3	E06000005	102	17	2	19
##	3120	Ens000j	3	E06000005	3	0	0	0
##	3121	Ens000k	3	E06000005	15	2	0	2
##	3122	Ens000l	3	E06000005	17	0	8	8
##	3123	Ens000m	3	E06000005	360	13	0	13
##	3124	Ens000n	3	E06000005	9	0	0	0
##	3125	Ens000o	3	E06000005	64	0	23	23
##	3126	Ens000p	3	E06000005	348	0	122	122
##	3127	Ens000q	3	E06000005	0	0	0	0
##	3128	Ens000r	3	E06000005	996	86	0	86
##	3129	Ens000s	3	E06000005	4628	234	213	447
##	3130	Ens000t	3	E06000005	475	28	0	28
##	3131	Ens000u	3	E06000005	51	0	12	12
##	3132	Ens000v	3	E06000005	8	0	18	18
##	3133	Ens000w	3	E06000005	9	0	3	3
##	3134	Ens000x	3	E06000005	293	11	207	218
##	3135	Ens000y	3	E06000005	0	0	0	0
##	3136	Ens000z	3	E06000005	4	0	1	1
##	3137	Ens0010	3	E06000005	8	0	6	6
##	3138	Ens0011	3	E06000005	10	0	4	4
##	3139	Ens0012	3	E06000005	1	0	0	0
##	3140	Ens0013	3	E06000005	27	0	1	1
##	3141	Ens0014	3	E06000005	36	0	4	4
##	3142	Ens0015	3	E06000005	4727	695	45	740
##	3143	Ens0016	3	E06000005	2	0	0	0
##	3144	Ens0017	3	E06000005	39	0	13	13
##	3145	Ens0018	3	E06000005	60	1	3	4
##	3146	Ens0019	3	E06000005	30	2	0	2
##	3147	Ens001a	3	E06000005	8	1	0	1
##	3148	Ens001b	3	E06000005	842	10	0	10

##	3149	Ens001c	3	E06000005	2	1	0	1
##	3150	Ens001d	3	E06000005	213	1	34	35
##	3151	Ens0000	4	E06000005	131	6	0	6
##	3152	Ens0001	4	E06000005	0	0	0	0
##	3153	Ens0002	4	E06000005	3366	309	0	309
##	3154	Ens0003	4	E06000005	9	0	0	0
##	3155	Ens0004	4	E06000005	6	0	0	0
##	3156	Ens0005	4	E06000005	22	0	13	13
##	3157	Ens0006	4	E06000005	79	0	12	12
##	3158	Ens0007	4	E06000005	6	0	0	0
##	3159	Ens0008	4	E06000005	9	0	0	0
##	3160	Ens0009	4	E06000005	251	0	85	85
##	3161	Ens000a	4	E06000005	49	6	10	16
##	3162	Ens000b	4	E06000005	63	0	16	16
##	3163	Ens000c	4	E06000005	349	6	0	6
##	3164	Ens000d	4	E06000005	33	1	0	1
##	3165	Ens000e	4	E06000005	3538	4	702	706
##	3166	Ens000f	4	E06000005	321	28	0	28
##	3167	Ens000g	4	E06000005	0	0	0	0
##	3168	Ens000h	4	E06000005	268	1	114	115
##	3169	Ens000i	4	E06000005	54	6	0	6
##	3170	Ens000j	4	E06000005	2	0	0	0
##	3171	Ens000k	4	E06000005	10	0	0	0
##	3172	Ens000l	4	E06000005	20	0	2	2
##	3173	Ens000m	4	E06000005	339	10	0	10
##	3174	Ens000n	4	E06000005	11	0	0	0
##	3175	Ens000o	4	E06000005	42	0	23	23
##	3176	Ens000p	4	E06000005	273	0	151	151
##	3177	Ens000q	4	E06000005	2	0	0	0
##	3178	Ens000r	4	E06000005	929	79	0	79
##	3179	Ens000s	4	E06000005	3627	149	158	307
##	3180	Ens000t	4	E06000005	449	14	0	14
##	3181	Ens000u	4	E06000005	34	0	7	7
##	3182	Ens000v	4	E06000005	13	1	22	23
##	3183	Ens000w	4	E06000005	20	0	4	4
##	3184	Ens000x	4	E06000005	247	5	182	187
##	3185	Ens000y	4	E06000005	1	0	0	0
##	3186	Ens000z	4	E06000005	1	0	0	0
##	3187	Ens0010	4	E06000005	10	0	14	14
##	3188	Ens0011	4	E06000005	16	0	4	4
##	3189	Ens0012	4	E06000005	4	0	0	0
##	3190	Ens0013	4	E06000005	17	0	6	6
##	3191	Ens0014	4	E06000005	68	0	10	10
##	3192	Ens0015	4	E06000005	4881	773	51	824
##	3193	Ens0016	4	E06000005	2	0	0	0
##	3194	Ens0017	4	E06000005	62	0	11	11
##	3195	Ens0018	4	E06000005	48	1	2	3
##	3196	Ens0019	4	E06000005	7	2	0	2
##	3197	Ens001a	4	E06000005	16	0	0	0
##	3198	Ens001b	4	E06000005	753	21	1	22
##	3199	Ens001c	4	E06000005	1	0	0	0
##	3200	Ens001d	4	E06000005	233	1	53	54
##	3201	Ens0000	5	E06000005	102	7	0	7
##	3202	Ens0001	5	E06000005	0	0	0	0
##	3203	Ens0002	5	E06000005	3041	216	0	216
##	3204	Ens0003	5	E06000005	4	0	0	0
##	3205	Ens0004	5	E06000005	2	0	0	0
##	3206	Ens0005	5	E06000005	23	0	11	11
##	3207	Ens0006	5	E06000005	34	0	7	7
##	3208	Ens0007	5	E06000005	3	0	2	2
##	3209	Ens0008	5	E06000005	15	0	0	0
##	3210	Ens0009	5	E06000005	486	0	146	146
##	3211	Ens000a	5	E06000005	47	1	5	6
##	3212	Ens000b	5	E06000005	89	0	16	16
##	3213	Ens000c	5	E06000005	368	5	2	7
##	3214	Ens000d	5	E06000005	34	0	1	1
##	3215	Ens000e	5	E06000005	3721	0	756	756
##	3216	Ens000f	5	E06000005	296	24	0	24
##	3217	Ens000g	5	E06000005	1	0	0	0
##	3218	Ens000h	5	E06000005	313	0	118	118



##	3219	Ens000i	5	E06000005	28	3	1	4
##	3220	Ens000j	5	E06000005	4	0	0	0
##	3221	Ens000k	5	E06000005	21	3	0	3
##	3222	Ens000l	5	E06000005	11	0	3	3
##	3223	Ens000m	5	E06000005	468	15	0	15
##	3224	Ens000n	5	E06000005	13	0	0	0
##	3225	Ens000o	5	E06000005	63	0	20	20
##	3226	Ens000p	5	E06000005	266	0	142	142
##	3227	Ens000q	5	E06000005	1	0	0	0
##	3228	Ens000r	5	E06000005	869	58	0	58
##	3229	Ens000s	5	E06000005	3806	149	212	361
##	3230	Ens000t	5	E06000005	392	24	0	24
##	3231	Ens000u	5	E06000005	77	0	21	21
##	3232	Ens000v	5	E06000005	9	1	23	24
##	3233	Ens000w	5	E06000005	10	0	1	1
##	3234	Ens000x	5	E06000005	211	7	161	168
##	3235	Ens000y	5	E06000005	0	0	0	0
##	3236	Ens000z	5	E06000005	2	0	0	0
##	3237	Ens0010	5	E06000005	14	1	7	8
##	3238	Ens0011	5	E06000005	51	0	7	7
##	3239	Ens0012	5	E06000005	2	0	0	0
##	3240	Ens0013	5	E06000005	19	0	4	4
##	3241	Ens0014	5	E06000005	48	0	12	12
##	3242	Ens0015	5	E06000005	4630	644	55	699
##	3243	Ens0016	5	E06000005	5	1	0	1
##	3244	Ens0017	5	E06000005	60	0	20	20
##	3245	Ens0018	5	E06000005	41	0	4	4
##	3246	Ens0019	5	E06000005	9	1	0	1
##	3247	Ens001a	5	E06000005	26	1	0	1
##	3248	Ens001b	5	E06000005	702	15	0	15
##	3249	Ens001c	5	E06000005	0	0	0	0
##	3250	Ens001d	5	E06000005	257	1	48	49
##	3251	Ens0000	6	E06000005	170	10	0	10
##	3252	Ens0001	6	E06000005	2	0	0	0
##	3253	Ens0002	6	E06000005	3316	319	0	319
##	3254	Ens0003	6	E06000005	5	0	0	0
##	3255	Ens0004	6	E06000005	2	0	0	0
##	3256	Ens0005	6	E06000005	15	0	18	18
##	3257	Ens0006	6	E06000005	57	0	12	12
##	3258	Ens0007	6	E06000005	6	0	1	1
##	3259	Ens0008	6	E06000005	24	0	0	0
##	3260	Ens0009	6	E06000005	457	0	141	141
##	3261	Ens000a	6	E06000005	58	6	12	18
##	3262	Ens000b	6	E06000005	42	0	3	3
##	3263	Ens000c	6	E06000005	444	9	3	12
##	3264	Ens000d	6	E06000005	25	1	0	1
##	3265	Ens000e	6	E06000005	3928	3	724	727
##	3266	Ens000f	6	E06000005	408	31	1	32
##	3267	Ens000g	6	E06000005	8	1	0	1
##	3268	Ens000h	6	E06000005	334	0	125	125
##	3269	Ens000i	6	E06000005	25	4	0	4
##	3270	Ens000j	6	E06000005	2	0	0	0
##	3271	Ens000k	6	E06000005	28	1	0	1
##	3272	Ens000l	6	E06000005	25	0	4	4
##	3273	Ens000m	6	E06000005	405	8	0	8
##	3274	Ens000n	6	E06000005	28	3	0	3
##	3275	Ens000o	6	E06000005	54	0	34	34
##	3276	Ens000p	6	E06000005	280	0	123	123
##	3277	Ens000q	6	E06000005	1	0	0	0
##	3278	Ens000r	6	E06000005	978	63	0	63
##	3279	Ens000s	6	E06000005	4144	183	184	367
##	3280	Ens000t	6	E06000005	438	21	0	21
##	3281	Ens000u	6	E06000005	60	0	11	11
##	3282	Ens000v	6	E06000005	13	1	23	24
##	3283	Ens000w	6	E06000005	13	0	3	3
##	3284	Ens000x	6	E06000005	393	21	251	272
##	3285	Ens000y	6	E06000005	0	0	0	0
##	3286	Ens000z	6	E06000005	3	0	1	1
##	3287	Ens0010	6	E06000005	15	0	6	6
##	3288	Ens0011	6	E06000005	23	0	1	1

##	3289	Ens0012	6	E06000005	2	0	1	1
##	3290	Ens0013	6	E06000005	22	0	6	6
##	3291	Ens0014	6	E06000005	22	0	7	7
##	3292	Ens0015	6	E06000005	4630	672	36	708
##	3293	Ens0016	6	E06000005	6	2	0	2
##	3294	Ens0017	6	E06000005	36	0	6	6
##	3295	Ens0018	6	E06000005	86	2	6	8
##	3296	Ens0019	6	E06000005	17	0	0	0
##	3297	Ens001a	6	E06000005	13	0	0	0
##	3298	Ens001b	6	E06000005	562	8	0	8
##	3299	Ens001c	6	E06000005	1	0	0	0
##	3300	Ens001d	6	E06000005	220	0	46	46
##	3301	Ens0000	7	E06000005	192	13	0	13
##	3302	Ens0001	7	E06000005	2	0	0	0
##	3303	Ens0002	7	E06000005	3044	247	0	247
##	3304	Ens0003	7	E06000005	8	0	0	0
##	3305	Ens0004	7	E06000005	3	1	0	1
##	3306	Ens0005	7	E06000005	20	0	19	19
##	3307	Ens0006	7	E06000005	41	0	9	9
##	3308	Ens0007	7	E06000005	15	0	2	2
##	3309	Ens0008	7	E06000005	25	0	0	0
##	3310	Ens0009	7	E06000005	448	0	129	129
##	3311	Ens000a	7	E06000005	47	2	3	5
##	3312	Ens000b	7	E06000005	114	0	13	13
##	3313	Ens000c	7	E06000005	436	8	2	10
##	3314	Ens000d	7	E06000005	115	4	0	4
##	3315	Ens000e	7	E06000005	3506	2	635	637
##	3316	Ens000f	7	E06000005	284	23	0	23
##	3317	Ens000g	7	E06000005	4	1	0	1
##	3318	Ens000h	7	E06000005	349	0	123	123
##	3319	Ens000i	7	E06000005	29	3	1	4
##	3320	Ens000j	7	E06000005	2	0	0	0
##	3321	Ens000k	7	E06000005	15	1	0	1
##	3322	Ens000l	7	E06000005	16	0	3	3
##	3323	Ens000m	7	E06000005	470	15	0	15
##	3324	Ens000n	7	E06000005	28	2	0	2
##	3325	Ens000o	7	E06000005	106	0	24	24
##	3326	Ens000p	7	E06000005	527	0	236	236
##	3327	Ens000q	7	E06000005	0	0	0	0
##	3328	Ens000r	7	E06000005	1431	137	0	137
##	3329	Ens000s	7	E06000005	3761	153	188	341
##	3330	Ens000t	7	E06000005	399	12	0	12
##	3331	Ens000u	7	E06000005	46	0	10	10
##	3332	Ens000v	7	E06000005	6	0	13	13
##	3333	Ens000w	7	E06000005	9	0	2	2
##	3334	Ens000x	7	E06000005	256	7	154	161
##	3335	Ens000y	7	E06000005	2	0	0	0
##	3336	Ens000z	7	E06000005	3	0	0	0
##	3337	Ens0010	7	E06000005	5	0	9	9
##	3338	Ens0011	7	E06000005	14	0	2	2
##	3339	Ens0012	7	E06000005	3	0	2	2
##	3340	Ens0013	7	E06000005	18	0	3	3
##	3341	Ens0014	7	E06000005	60	0	14	14
##	3342	Ens0015	7	E06000005	4739	710	43	753
##	3343	Ens0016	7	E06000005	4	0	0	0
##	3344	Ens0017	7	E06000005	61	0	6	6
##	3345	Ens0018	7	E06000005	47	1	6	7
##	3346	Ens0019	7	E06000005	9	2	0	2
##	3347	Ens001a	7	E06000005	15	2	0	2
##	3348	Ens001b	7	E06000005	653	16	0	16
##	3349	Ens001c	7	E06000005	0	0	0	0
##	3350	Ens001d	7	E06000005	250	2	38	40
##	3351	Ens0000	8	E06000005	135	9	0	9
##	3352	Ens0001	8	E06000005	0	0	0	0
##	3353	Ens0002	8	E06000005	3504	325	0	325
##	3354	Ens0003	8	E06000005	12	0	0	0
##	3355	Ens0004	8	E06000005	0	0	0	0
##	3356	Ens0005	8	E06000005	24	0	19	19
##	3357	Ens0006	8	E06000005	88	0	18	18
##	3358	Ens0007	8	E06000005	3	0	0	0

##	3359	Ens0008	8	E06000005	17	1	0	1
##	3360	Ens0009	8	E06000005	314	0	110	110
##	3361	Ens000a	8	E06000005	54	7	9	16
##	3362	Ens000b	8	E06000005	73	0	8	8
##	3363	Ens000c	8	E06000005	324	6	3	9
##	3364	Ens000d	8	E06000005	56	0	0	0
##	3365	Ens000e	8	E06000005	3771	1	752	753
##	3366	Ens000f	8	E06000005	250	20	0	20
##	3367	Ens000g	8	E06000005	4	0	0	0
##	3368	Ens000h	8	E06000005	353	1	110	111
##	3369	Ens000i	8	E06000005	100	16	0	16
##	3370	Ens000j	8	E06000005	0	0	0	0
##	3371	Ens000k	8	E06000005	12	1	0	1
##	3372	Ens000l	8	E06000005	20	0	1	1
##	3373	Ens000m	8	E06000005	584	22	0	22
##	3374	Ens000n	8	E06000005	22	2	0	2
##	3375	Ens000o	8	E06000005	45	0	14	14
##	3376	Ens000p	8	E06000005	518	0	213	213
##	3377	Ens000q	8	E06000005	0	0	0	0
##	3378	Ens000r	8	E06000005	985	93	0	93
##	3379	Ens000s	8	E06000005	4693	225	260	485
##	3380	Ens000t	8	E06000005	456	19	0	19
##	3381	Ens000u	8	E06000005	80	0	15	15
##	3382	Ens000v	8	E06000005	12	1	17	18
##	3383	Ens000w	8	E06000005	19	0	2	2
##	3384	Ens000x	8	E06000005	213	7	163	170
##	3385	Ens000y	8	E06000005	3	0	0	0
##	3386	Ens000z	8	E06000005	3	0	0	0
##	3387	Ens0010	8	E06000005	12	1	10	11
##	3388	Ens0011	8	E06000005	33	0	7	7
##	3389	Ens0012	8	E06000005	2	0	0	0
##	3390	Ens0013	8	E06000005	15	0	2	2
##	3391	Ens0014	8	E06000005	68	0	14	14
##	3392	Ens0015	8	E06000005	4676	693	44	737
##	3393	Ens0016	8	E06000005	2	1	0	1
##	3394	Ens0017	8	E06000005	59	0	6	6
##	3395	Ens0018	8	E06000005	61	3	6	9
##	3396	Ens0019	8	E06000005	13	2	0	2
##	3397	Ens001a	8	E06000005	15	0	0	0
##	3398	Ens001b	8	E06000005	533	18	0	18
##	3399	Ens001c	8	E06000005	2	0	0	0
##	3400	Ens001d	8	E06000005	197	0	31	31
##	3401	Ens0000	9	E06000005	133	7	0	7
##	3402	Ens0001	9	E06000005	1	0	0	0
##	3403	Ens0002	9	E06000005	3481	317	0	317
##	3404	Ens0003	9	E06000005	10	0	0	0
##	3405	Ens0004	9	E06000005	0	0	0	0
##	3406	Ens0005	9	E06000005	29	0	15	15
##	3407	Ens0006	9	E06000005	74	0	6	6
##	3408	Ens0007	9	E06000005	5	0	1	1
##	3409	Ens0008	9	E06000005	15	0	0	0
##	3410	Ens0009	9	E06000005	789	0	248	248
##	3411	Ens000a	9	E06000005	64	2	12	14
##	3412	Ens000b	9	E06000005	82	0	15	15
##	3413	Ens000c	9	E06000005	491	5	5	10
##	3414	Ens000d	9	E06000005	48	2	0	2
##	3415	Ens000e	9	E06000005	3589	3	668	671
##	3416	Ens000f	9	E06000005	288	28	0	28
##	3417	Ens000g	9	E06000005	2	0	0	0
##	3418	Ens000h	9	E06000005	288	0	112	112
##	3419	Ens000i	9	E06000005	29	2	1	3
##	3420	Ens000j	9	E06000005	6	0	0	0
##	3421	Ens000k	9	E06000005	24	1	0	1
##	3422	Ens000l	9	E06000005	28	0	7	7
##	3423	Ens000m	9	E06000005	296	11	0	11
##	3424	Ens000n	9	E06000005	18	2	0	2
##	3425	Ens000o	9	E06000005	59	0	19	19
##	3426	Ens000p	9	E06000005	280	0	115	115
##	3427	Ens000q	9	E06000005	0	0	0	0
##	3428	Ens000r	9	E06000005	1056	86	2	88

##	3429	Ens000s	9	E06000005	4046	160	201	361
##	3430	Ens000t	9	E06000005	500	29	0	29
##	3431	Ens000u	9	E06000005	87	0	23	23
##	3432	Ens000v	9	E06000005	8	3	8	11
##	3433	Ens000w	9	E06000005	13	0	1	1
##	3434	Ens000x	9	E06000005	909	28	602	630
##	3435	Ens000y	9	E06000005	0	0	1	1
##	3436	Ens000z	9	E06000005	2	0	0	0
##	3437	Ens0010	9	E06000005	19	0	14	14
##	3438	Ens0011	9	E06000005	21	0	5	5
##	3439	Ens0012	9	E06000005	0	0	0	0
##	3440	Ens0013	9	E06000005	21	0	7	7
##	3441	Ens0014	9	E06000005	34	0	8	8
##	3442	Ens0015	9	E06000005	5047	861	59	920
##	3443	Ens0016	9	E06000005	4	2	0	2
##	3444	Ens0017	9	E06000005	63	0	18	18
##	3445	Ens0018	9	E06000005	54	1	4	5
##	3446	Ens0019	9	E06000005	6	1	0	1
##	3447	Ens001a	9	E06000005	6	0	0	0
##	3448	Ens001b	9	E06000005	619	16	0	16
##	3449	Ens001c	9	E06000005	0	0	0	0
##	3450	Ens001d	9	E06000005	230	0	46	46
##	3451	Ens0000	10	E06000005	158	12	0	12
##	3452	Ens0001	10	E06000005	0	0	0	0
##	3453	Ens0002	10	E06000005	3135	256	0	256
##	3454	Ens0003	10	E06000005	5	0	0	0
##	3455	Ens0004	10	E06000005	7	0	0	0
##	3456	Ens0005	10	E06000005	35	0	19	19
##	3457	Ens0006	10	E06000005	61	0	10	10
##	3458	Ens0007	10	E06000005	5	0	0	0
##	3459	Ens0008	10	E06000005	29	1	0	1
##	3460	Ens0009	10	E06000005	364	0	124	124
##	3461	Ens000a	10	E06000005	65	4	13	17
##	3462	Ens000b	10	E06000005	51	0	10	10
##	3463	Ens000c	10	E06000005	389	7	4	11
##	3464	Ens000d	10	E06000005	29	0	0	0
##	3465	Ens000e	10	E06000005	3854	2	723	725
##	3466	Ens000f	10	E06000005	313	30	0	30
##	3467	Ens000g	10	E06000005	3	0	0	0
##	3468	Ens000h	10	E06000005	405	0	131	131
##	3469	Ens000i	10	E06000005	76	1	0	1
##	3470	Ens000j	10	E06000005	1	0	0	0
##	3471	Ens000k	10	E06000005	31	2	0	2
##	3472	Ens000l	10	E06000005	17	0	6	6
##	3473	Ens000m	10	E06000005	420	16	0	16
##	3474	Ens000n	10	E06000005	19	2	0	2
##	3475	Ens000o	10	E06000005	49	0	11	11
##	3476	Ens000p	10	E06000005	199	0	89	89
##	3477	Ens000q	10	E06000005	1	0	0	0
##	3478	Ens000r	10	E06000005	866	71	1	72
##	3479	Ens000s	10	E06000005	4259	195	211	406
##	3480	Ens000t	10	E06000005	302	11	0	11
##	3481	Ens000u	10	E06000005	104	0	24	24
##	3482	Ens000v	10	E06000005	12	2	8	10
##	3483	Ens000w	10	E06000005	9	0	3	3
##	3484	Ens000x	10	E06000005	277	6	189	195
##	3485	Ens000y	10	E06000005	0	0	0	0
##	3486	Ens000z	10	E06000005	1	0	0	0
##	3487	Ens0010	10	E06000005	11	1	13	14
##	3488	Ens0011	10	E06000005	22	0	11	11
##	3489	Ens0012	10	E06000005	0	0	0	0
##	3490	Ens0013	10	E06000005	17	0	5	5
##	3491	Ens0014	10	E06000005	88	0	13	13
##	3492	Ens0015	10	E06000005	4776	755	36	791
##	3493	Ens0016	10	E06000005	3	0	0	0
##	3494	Ens0017	10	E06000005	32	0	6	6
##	3495	Ens0018	10	E06000005	65	1	4	5
##	3496	Ens0019	10	E06000005	5	0	0	0
##	3497	Ens001a	10	E06000005	24	2	0	2
##	3498	Ens001b	10	E06000005	659	25	0	25

##	3499	Ens001c	10	E06000005	1	0	0	0
##	3500	Ens001d	10	E06000005	228	1	54	55
##	3501	Ens0000	1	E06000006	368	32	0	32
##	3502	Ens0001	1	E06000006	2	0	0	0
##	3503	Ens0002	1	E06000006	4464	480	0	480
##	3504	Ens0003	1	E06000006	23	1	0	1
##	3505	Ens0004	1	E06000006	8	0	0	0
##	3506	Ens0005	1	E06000006	158	0	99	99
##	3507	Ens0006	1	E06000006	165	0	38	38
##	3508	Ens0007	1	E06000006	21	0	2	2
##	3509	Ens0008	1	E06000006	86	4	0	4
##	3510	Ens0009	1	E06000006	792	0	245	245
##	3511	Ens000a	1	E06000006	157	9	33	42
##	3512	Ens000b	1	E06000006	185	0	38	38
##	3513	Ens000c	1	E06000006	999	18	6	24
##	3514	Ens000d	1	E06000006	91	2	0	2
##	3515	Ens000e	1	E06000006	5039	2	858	860
##	3516	Ens000f	1	E06000006	589	49	0	49
##	3517	Ens000g	1	E06000006	21	1	0	1
##	3518	Ens000h	1	E06000006	762	0	309	309
##	3519	Ens000i	1	E06000006	170	11	0	11
##	3520	Ens000j	1	E06000006	8	0	0	0
##	3521	Ens000k	1	E06000006	48	4	0	4
##	3522	Ens000l	1	E06000006	64	0	12	12
##	3523	Ens000m	1	E06000006	934	47	0	47
##	3524	Ens000n	1	E06000006	63	5	0	5
##	3525	Ens000o	1	E06000006	177	0	79	79
##	3526	Ens000p	1	E06000006	515	0	226	226
##	3527	Ens000q	1	E06000006	1	0	0	0
##	3528	Ens000r	1	E06000006	1720	174	1	175
##	3529	Ens000s	1	E06000006	5722	296	296	592
##	3530	Ens000t	1	E06000006	1219	68	1	69
##	3531	Ens000u	1	E06000006	164	0	30	30
##	3532	Ens000v	1	E06000006	33	3	48	51
##	3533	Ens000w	1	E06000006	32	0	3	3
##	3534	Ens000x	1	E06000006	696	22	422	444
##	3535	Ens000y	1	E06000006	2	0	4	4
##	3536	Ens000z	1	E06000006	2	0	0	0
##	3537	Ens0010	1	E06000006	45	1	43	44
##	3538	Ens0011	1	E06000006	83	0	13	13
##	3539	Ens0012	1	E06000006	8	0	2	2
##	3540	Ens0013	1	E06000006	72	0	14	14
##	3541	Ens0014	1	E06000006	163	0	39	39
##	3542	Ens0015	1	E06000006	5883	1007	70	1077
##	3543	Ens0016	1	E06000006	14	0	0	0
##	3544	Ens0017	1	E06000006	226	0	43	43
##	3545	Ens0018	1	E06000006	257	4	24	28
##	3546	Ens0019	1	E06000006	46	2	0	2
##	3547	Ens001a	1	E06000006	86	2	0	2
##	3548	Ens001b	1	E06000006	1429	39	0	39
##	3549	Ens001c	1	E06000006	8	3	0	3
##	3550	Ens001d	1	E06000006	699	1	107	108
##	3551	Ens001e	1	E06000006	171	0	62	62
##	3552	Ens001f	1	E06000006	17	1	0	1
##	3553	Ens001g	1	E06000006	1463	0	619	619
##	3554	Ens001h	1	E06000006	715	13	30	43
##	3555	Ens001i	1	E06000006	6	1	0	1
##	3556	Ens001j	1	E06000006	66	4	0	4
##	3557	Ens001k	1	E06000006	10	3	0	3
##	3558	Ens001l	1	E06000006	31	3	1	4
##	3559	Ens001m	1	E06000006	249	6	12	18
##	3560	Ens001n	1	E06000006	558	19	11	30
##	3561	Ens001o	1	E06000006	23	0	4	4
##	3562	Ens001p	1	E06000006	1500	176	0	176
##	3563	Ens001q	1	E06000006	473	15	0	15
##	3564	Ens001r	1	E06000006	984	42	2	44
##	3565	Ens001s	1	E06000006	90	0	16	16
##	3566	Ens001t	1	E06000006	5	0	10	10
##	3567	Ens001u	1	E06000006	58	7	0	7
##	3568	Ens001v	1	E06000006	1047	32	0	32

##	3569	Ens001w	1	E06000006	423	24	0	24
##	3570	Ens001x	1	E06000006	4	2	0	2
##	3571	Ens001y	1	E06000006	3037	421	0	421
##	3572	Ens001z	1	E06000006	11	0	0	0
##	3573	Ens0020	1	E06000006	83	10	0	10
##	3574	Ens0021	1	E06000006	218	5	59	64
##	3575	Ens0022	1	E06000006	274	7	0	7
##	3576	Ens0023	1	E06000006	2956	354	0	354
##	3577	Ens0024	1	E06000006	26	1	0	1
##	3578	Ens0025	1	E06000006	62	4	0	4
##	3579	Ens0026	1	E06000006	3982	0	934	934
##	3580	Ens0027	1	E06000006	35	0	3	3
##	3581	Ens0028	1	E06000006	6	0	0	0
##	3582	Ens0029	1	E06000006	645	41	165	206
##	3583	Ens002a	1	E06000006	202	0	23	23
##	3584	Ens002b	1	E06000006	1150	31	0	31
##	3585	Ens002c	1	E06000006	191	0	71	71
##	3586	Ens002d	1	E06000006	30	0	0	0
##	3587	Ens002e	1	E06000006	342	0	139	139
##	3588	Ens002f	1	E06000006	102	0	49	49
##	3589	Ens002g	1	E06000006	1049	54	0	54
##	3590	Ens002h	1	E06000006	1128	0	194	194
##	3591	Ens002i	1	E06000006	2369	28	1	29
##	3592	Ens002j	1	E06000006	68	3	2	5
##	3593	Ens002k	1	E06000006	4	0	0	0
##	3594	Ens002l	1	E06000006	203	20	0	20
##	3595	Ens002m	1	E06000006	196	18	0	18
##	3596	Ens002n	1	E06000006	123	23	13	36
##	3597	Ens002o	1	E06000006	549	10	46	56
##	3598	Ens002p	1	E06000006	250	23	0	23
##	3599	Ens002q	1	E06000006	2	0	0	0
##	3600	Ens002r	1	E06000006	4	0	1	1
##	3601	Ens002s	1	E06000006	448	9	0	9
##	3602	Ens002t	1	E06000006	2483	373	0	373
##	3603	Ens002u	1	E06000006	128	9	0	9
##	3604	Ens002v	1	E06000006	26	1	0	1
##	3605	Ens002w	1	E06000006	2617	148	0	148
##	3606	Ens002x	1	E06000006	2221	151	0	151
##	3607	Ens002y	1	E06000006	371	11	76	87
##	3608	Ens002z	1	E06000006	2057	0	329	329
##	3609	Ens0030	1	E06000006	3948	0	460	460
##	3610	Ens0031	1	E06000006	57	0	6	6
##	3611	Ens0032	1	E06000006	610	32	2	34
##	3612	Ens0033	1	E06000006	3857	144	13	157
##	3613	Ens0034	1	E06000006	139	0	20	20
##	3614	Ens0035	1	E06000006	1097	76	4	80
##	3615	Ens0036	1	E06000006	47	0	2	2
##	3616	Ens0037	1	E06000006	91	9	0	9
##	3617	Ens0038	1	E06000006	1972	0	514	514
##	3618	Ens0039	1	E06000006	74	0	20	20
##	3619	Ens003a	1	E06000006	1323	140	0	140
##	3620	Ens003b	1	E06000006	13	0	0	0
##	3621	Ens003c	1	E06000006	40	0	3	3
##	3622	Ens003d	1	E06000006	62	1	0	1
##	3623	Ens003e	1	E06000006	5539	0	983	983
##	3624	Ens003f	1	E06000006	63	0	18	18
##	3625	Ens003g	1	E06000006	31	0	5	5
##	3626	Ens003h	1	E06000006	55	3	0	3
##	3627	Ens003i	1	E06000006	64	0	20	20
##	3628	Ens003j	1	E06000006	14	0	2	2
##	3629	Ens003k	1	E06000006	138	5	21	26
##	3630	Ens003l	1	E06000006	5	0	0	0
##	3631	Ens003m	1	E06000006	6	0	1	1
##	3632	Ens003n	1	E06000006	5	0	3	3
##	3633	Ens003o	1	E06000006	10	0	0	0
##	3634	Ens003p	1	E06000006	67	4	0	4
##	3635	Ens003q	1	E06000006	91	5	0	5
##	3636	Ens003r	1	E06000006	76	1	7	8
##	3637	Ens003s	1	E06000006	8	0	0	0
##	3638	Ens003t	1	E06000006	33	1	0	1

##	3639	Ens003u	1	E06000006	1083	17	40	57
##	3640	Ens003v	1	E06000006	6	1	0	1
##	3641	Ens003w	1	E06000006	3444	65	569	634
##	3642	Ens003x	1	E06000006	9	0	0	0
##	3643	Ens003y	1	E06000006	643	22	4	26
##	3644	Ens003z	1	E06000006	593	36	0	36
##	3645	Ens0040	1	E06000006	40	0	12	12
##	3646	Ens0041	1	E06000006	136	12	0	12
##	3647	Ens0042	1	E06000006	6	1	0	1
##	3648	Ens0043	1	E06000006	40	0	6	6
##	3649	Ens0044	1	E06000006	3752	66	3	69
##	3650	Ens0045	1	E06000006	446	16	13	29
##	3651	Ens0046	1	E06000006	2877	266	0	266
##	3652	Ens0047	1	E06000006	261	0	89	89
##	3653	Ens0048	1	E06000006	439	18	0	18
##	3654	Ens0049	1	E06000006	3	0	0	0
##	3655	Ens004a	1	E06000006	580	0	160	160
##	3656	Ens004b	1	E06000006	20	0	11	11
##	3657	Ens004c	1	E06000006	5	1	0	1
##	3658	Ens004d	1	E06000006	12	0	0	0
##	3659	Ens004e	1	E06000006	1157	0	176	176
##	3660	Ens004f	1	E06000006	4	0	1	1
##	3661	Ens004g	1	E06000006	365	0	122	122
##	3662	Ens004h	1	E06000006	2826	0	239	239
##	3663	Ens004i	1	E06000006	162	0	50	50
##	3664	Ens004j	1	E06000006	22	0	0	0
##	3665	Ens004k	1	E06000006	6327	561	0	561
##	3666	Ens004l	1	E06000006	71	0	70	70
##	3667	Ens004m	1	E06000006	15	0	0	0
##	3668	Ens004n	1	E06000006	27	0	3	3
##	3669	Ens004o	1	E06000006	78	4	0	4
##	3670	Ens004p	1	E06000006	24	0	6	6
##	3671	Ens004q	1	E06000006	529	5	2	7
##	3672	Ens004r	1	E06000006	51	4	0	4
##	3673	Ens004s	1	E06000006	21	0	7	7
##	3674	Ens004t	1	E06000006	40	2	0	2
##	3675	Ens004u	1	E06000006	59	2	0	2
##	3676	Ens004v	1	E06000006	498	23	8	31
##	3677	Ens004w	1	E06000006	25	0	10	10
##	3678	Ens004x	1	E06000006	1200	0	298	298
##	3679	Ens004y	1	E06000006	24	0	2	2
##	3680	Ens004z	1	E06000006	129	2	30	32
##	3681	Ens0050	1	E06000006	16	0	3	3
##	3682	Ens0051	1	E06000006	103	2	2	4
##	3683	Ens0052	1	E06000006	27	0	1	1
##	3684	Ens0053	1	E06000006	5756	534	44	578
##	3685	Ens0054	1	E06000006	20	1	9	10
##	3686	Ens0055	1	E06000006	516	17	2	19
##	3687	Ens0056	1	E06000006	3171	86	0	86
##	3688	Ens0057	1	E06000006	1817	102	2	104
##	3689	Ens0058	1	E06000006	1007	3	292	295
##	3690	Ens0059	1	E06000006	259	12	0	12
##	3691	Ens005a	1	E06000006	3740	0	1167	1167
##	3692	Ens005b	1	E06000006	511	0	112	112
##	3693	Ens005c	1	E06000006	38	4	0	4
##	3694	Ens005d	1	E06000006	27	1	0	1
##	3695	Ens005e	1	E06000006	338	0	120	120
##	3696	Ens005f	1	E06000006	809	0	67	67
##	3697	Ens005g	1	E06000006	173	0	17	17
##	3698	Ens005h	1	E06000006	13	0	3	3
##	3699	Ens005i	1	E06000006	4	0	0	0
##	3700	Ens005j	1	E06000006	322	15	0	15
##	3701	Ens005k	1	E06000006	227	13	0	13
##	3702	Ens005l	1	E06000006	13	0	0	0
##	3703	Ens005m	1	E06000006	77	0	10	10
##	3704	Ens005n	1	E06000006	121	2	0	2
##	3705	Ens005o	1	E06000006	838	0	395	395
##	3706	Ens005p	1	E06000006	276	0	52	52
##	3707	Ens005q	1	E06000006	11	0	0	0
##	3708	Ens005r	1	E06000006	26	3	0	3

##	3709	Ens005s	1	E06000006	13	0	2	2
##	3710	Ens005t	1	E06000006	1453	9	3074	3083
##	3711	Ens005u	1	E06000006	115	10	0	10
##	3712	Ens005v	1	E06000006	144	4	84	88
##	3713	Ens005w	1	E06000006	734	0	415	415
##	3714	Ens005x	1	E06000006	55	0	9	9
##	3715	Ens005y	1	E06000006	892	76	0	76
##	3716	Ens005z	1	E06000006	267	0	79	79
##	3717	Ens0060	1	E06000006	184	11	0	11
##	3718	Ens0061	1	E06000006	3232	315	15	330
##	3719	Ens0062	1	E06000006	1889	0	522	522
##	3720	Ens0063	1	E06000006	169	4	0	4
##	3721	Ens0064	1	E06000006	2136	118	120	238
##	3722	Ens0065	1	E06000006	5	1	0	1
##	3723	Ens0066	1	E06000006	195	10	17	27
##	3724	Ens0067	1	E06000006	0	0	0	0
##	3725	Ens0068	1	E06000006	1	0	0	0
##	3726	Ens0069	1	E06000006	38	0	0	0
##	3727	Ens006a	1	E06000006	144	2	0	2
##	3728	Ens006b	1	E06000006	1360	69	0	69
##	3729	Ens006c	1	E06000006	3212	672	5	677
##	3730	Ens006d	1	E06000006	1551	0	589	589
##	3731	Ens006e	1	E06000006	521	57	8	65
##	3732	Ens006f	1	E06000006	2449	0	476	476
##	3733	Ens006g	1	E06000006	4490	657	0	657
##	3734	Ens006h	1	E06000006	152	1	29	30
##	3735	Ens006i	1	E06000006	1846	33	0	33
##	3736	Ens006j	1	E06000006	2	0	1	1
##	3737	Ens006k	1	E06000006	548	18	1	19
##	3738	Ens006l	1	E06000006	243	6	48	54
##	3739	Ens006m	1	E06000006	3882	248	0	248
##	3740	Ens006n	1	E06000006	91	5	0	5
##	3741	Ens006o	1	E06000006	244	1	3	4
##	3742	Ens006p	1	E06000006	11	3	4	7
##	3743	Ens006q	1	E06000006	126	0	50	50
##	3744	Ens006r	1	E06000006	166	0	52	52
##	3745	Ens006s	1	E06000006	190	4	136	140
##	3746	Ens006t	1	E06000006	37	0	11	11
##	3747	Ens006u	1	E06000006	13	0	0	0
##	3748	Ens006v	1	E06000006	52	0	6	6
##	3749	Ens006w	1	E06000006	4	0	1	1
##	3750	Ens006x	1	E06000006	121	3	0	3
##	3751	Ens0000	2	E06000006	406	17	0	17
##	3752	Ens0001	2	E06000006	8	0	0	0
##	3753	Ens0002	2	E06000006	4466	443	0	443
##	3754	Ens0003	2	E06000006	33	2	0	2
##	3755	Ens0004	2	E06000006	12	0	0	0
##	3756	Ens0005	2	E06000006	110	0	77	77
##	3757	Ens0006	2	E06000006	196	0	31	31
##	3758	Ens0007	2	E06000006	18	0	2	2
##	3759	Ens0008	2	E06000006	91	3	0	3
##	3760	Ens0009	2	E06000006	843	0	267	267
##	3761	Ens000a	2	E06000006	218	12	29	41
##	3762	Ens000b	2	E06000006	180	0	32	32
##	3763	Ens000c	2	E06000006	1061	15	5	20
##	3764	Ens000d	2	E06000006	112	5	0	5
##	3765	Ens000e	2	E06000006	5144	5	974	979
##	3766	Ens000f	2	E06000006	706	66	0	66
##	3767	Ens000g	2	E06000006	23	1	0	1
##	3768	Ens000h	2	E06000006	800	2	299	301
##	3769	Ens000i	2	E06000006	196	25	2	27
##	3770	Ens000j	2	E06000006	8	0	0	0
##	3771	Ens000k	2	E06000006	116	5	0	5
##	3772	Ens000l	2	E06000006	74	0	6	6
##	3773	Ens000m	2	E06000006	1214	53	0	53
##	3774	Ens000n	2	E06000006	47	7	0	7
##	3775	Ens000o	2	E06000006	193	0	81	81
##	3776	Ens000p	2	E06000006	608	0	277	277
##	3777	Ens000q	2	E06000006	3	0	0	0
##	3778	Ens000r	2	E06000006	1681	163	0	163



## 3779	Ens000s	2	E06000006	5616	265	324	589
## 3780	Ens000t	2	E06000006	947	49	1	50
## 3781	Ens000u	2	E06000006	108	0	34	34
## 3782	Ens000v	2	E06000006	45	2	48	50
## 3783	Ens000w	2	E06000006	48	0	3	3
## 3784	Ens000x	2	E06000006	625	22	440	462
## 3785	Ens000y	2	E06000006	6	0	0	0
## 3786	Ens000z	2	E06000006	11	0	1	1
## 3787	Ens0010	2	E06000006	35	0	36	36
## 3788	Ens0011	2	E06000006	143	0	32	32
## 3789	Ens0012	2	E06000006	9	0	1	1
## 3790	Ens0013	2	E06000006	84	1	16	17
## 3791	Ens0014	2	E06000006	154	0	54	54
## 3792	Ens0015	2	E06000006	5815	983	35	1018
## 3793	Ens0016	2	E06000006	15	1	0	1
## 3794	Ens0017	2	E06000006	196	0	28	28
## 3795	Ens0018	2	E06000006	243	5	19	24
## 3796	Ens0019	2	E06000006	86	3	0	3
## 3797	Ens001a	2	E06000006	56	3	0	3
## 3798	Ens001b	2	E06000006	1348	34	0	34
## 3799	Ens001c	2	E06000006	2	1	0	1
## 3800	Ens001d	2	E06000006	763	3	135	138
## 3801	Ens0000	3	E06000006	517	28	0	28
## 3802	Ens0001	3	E06000006	9	0	0	0
## 3803	Ens0002	3	E06000006	4604	479	0	479
## 3804	Ens0003	3	E06000006	33	1	0	1
## 3805	Ens0004	3	E06000006	25	1	0	1
## 3806	Ens0005	3	E06000006	110	0	78	78
## 3807	Ens0006	3	E06000006	191	0	32	32
## 3808	Ens0007	3	E06000006	22	0	4	4
## 3809	Ens0008	3	E06000006	101	4	0	4
## 3810	Ens0009	3	E06000006	875	0	265	265
## 3811	Ens000a	3	E06000006	248	14	39	53
## 3812	Ens000b	3	E06000006	233	0	37	37
## 3813	Ens000c	3	E06000006	1029	13	7	20
## 3814	Ens000d	3	E06000006	107	4	0	4
## 3815	Ens000e	3	E06000006	5373	10	983	993
## 3816	Ens000f	3	E06000006	636	43	0	43
## 3817	Ens000g	3	E06000006	36	1	0	1
## 3818	Ens000h	3	E06000006	884	0	311	311
## 3819	Ens000i	3	E06000006	175	21	0	21
## 3820	Ens000j	3	E06000006	6	1	0	1
## 3821	Ens000k	3	E06000006	37	1	0	1
## 3822	Ens000l	3	E06000006	61	0	19	19
## 3823	Ens000m	3	E06000006	828	22	0	22
## 3824	Ens000n	3	E06000006	62	8	0	8
## 3825	Ens000o	3	E06000006	238	0	106	106
## 3826	Ens000p	3	E06000006	700	0	295	295
## 3827	Ens000q	3	E06000006	1	0	0	0
## 3828	Ens000r	3	E06000006	1554	135	1	136
## 3829	Ens000s	3	E06000006	5465	251	258	509
## 3830	Ens000t	3	E06000006	1183	61	0	61
## 3831	Ens000u	3	E06000006	341	0	80	80
## 3832	Ens000v	3	E06000006	32	6	32	38
## 3833	Ens000w	3	E06000006	40	0	9	9
## 3834	Ens000x	3	E06000006	558	25	421	446
## 3835	Ens000y	3	E06000006	4	0	0	0
## 3836	Ens000z	3	E06000006	13	0	2	2
## 3837	Ens0010	3	E06000006	37	1	41	42
## 3838	Ens0011	3	E06000006	122	0	26	26
## 3839	Ens0012	3	E06000006	6	0	1	1
## 3840	Ens0013	3	E06000006	101	0	14	14
## 3841	Ens0014	3	E06000006	145	0	39	39
## 3842	Ens0015	3	E06000006	5872	1007	70	1077
## 3843	Ens0016	3	E06000006	13	1	0	1
## 3844	Ens0017	3	E06000006	278	0	53	53
## 3845	Ens0018	3	E06000006	154	0	19	19
## 3846	Ens0019	3	E06000006	50	6	0	6
## 3847	Ens001a	3	E06000006	36	1	0	1
## 3848	Ens001b	3	E06000006	1241	26	0	26

##	3849	Ens001c	3	E06000006	2	0	0	0
##	3850	Ens001d	3	E06000006	697	2	146	148
##	3851	Ens0000	4	E06000006	421	22	0	22
##	3852	Ens0001	4	E06000006	8	0	0	0
##	3853	Ens0002	4	E06000006	4275	411	0	411
##	3854	Ens0003	4	E06000006	23	1	1	2
##	3855	Ens0004	4	E06000006	8	2	0	2
##	3856	Ens0005	4	E06000006	147	0	93	93
##	3857	Ens0006	4	E06000006	192	0	37	37
##	3858	Ens0007	4	E06000006	26	0	2	2
##	3859	Ens0008	4	E06000006	67	3	0	3
##	3860	Ens0009	4	E06000006	827	0	253	253
##	3861	Ens000a	4	E06000006	151	12	24	36
##	3862	Ens000b	4	E06000006	260	0	37	37
##	3863	Ens000c	4	E06000006	1043	27	2	29
##	3864	Ens000d	4	E06000006	121	1	2	3
##	3865	Ens000e	4	E06000006	4972	2	933	935
##	3866	Ens000f	4	E06000006	729	54	0	54
##	3867	Ens000g	4	E06000006	35	1	0	1
##	3868	Ens000h	4	E06000006	771	0	254	254
##	3869	Ens000i	4	E06000006	178	16	2	18
##	3870	Ens000j	4	E06000006	5	1	0	1
##	3871	Ens000k	4	E06000006	50	2	0	2
##	3872	Ens000l	4	E06000006	49	0	4	4
##	3873	Ens000m	4	E06000006	1061	43	0	43
##	3874	Ens000n	4	E06000006	41	6	0	6
##	3875	Ens000o	4	E06000006	201	0	56	56
##	3876	Ens000p	4	E06000006	731	0	303	303
##	3877	Ens000q	4	E06000006	3	0	0	0
##	3878	Ens000r	4	E06000006	1731	167	0	167
##	3879	Ens000s	4	E06000006	5350	264	274	538
##	3880	Ens000t	4	E06000006	1062	60	2	62
##	3881	Ens000u	4	E06000006	125	0	30	30
##	3882	Ens000v	4	E06000006	33	3	50	53
##	3883	Ens000w	4	E06000006	49	0	7	7
##	3884	Ens000x	4	E06000006	857	31	589	620
##	3885	Ens000y	4	E06000006	2	0	2	2
##	3886	Ens000z	4	E06000006	3	0	1	1
##	3887	Ens0010	4	E06000006	52	2	48	50
##	3888	Ens0011	4	E06000006	91	0	13	13
##	3889	Ens0012	4	E06000006	13	0	3	3
##	3890	Ens0013	4	E06000006	81	0	10	10
##	3891	Ens0014	4	E06000006	171	0	46	46
##	3892	Ens0015	4	E06000006	5923	899	56	955
##	3893	Ens0016	4	E06000006	13	0	0	0
##	3894	Ens0017	4	E06000006	133	0	25	25
##	3895	Ens0018	4	E06000006	225	4	16	20
##	3896	Ens0019	4	E06000006	57	2	0	2
##	3897	Ens001a	4	E06000006	42	1	0	1
##	3898	Ens001b	4	E06000006	1181	26	0	26
##	3899	Ens001c	4	E06000006	5	0	0	0
##	3900	Ens001d	4	E06000006	656	2	131	133
##	3901	Ens0000	5	E06000006	356	22	0	22
##	3902	Ens0001	5	E06000006	8	0	0	0
##	3903	Ens0002	5	E06000006	4487	473	0	473
##	3904	Ens0003	5	E06000006	31	2	0	2
##	3905	Ens0004	5	E06000006	23	2	0	2
##	3906	Ens0005	5	E06000006	129	0	81	81
##	3907	Ens0006	5	E06000006	158	0	41	41
##	3908	Ens0007	5	E06000006	14	0	5	5
##	3909	Ens0008	5	E06000006	81	2	0	2
##	3910	Ens0009	5	E06000006	947	0	294	294
##	3911	Ens000a	5	E06000006	145	9	27	36
##	3912	Ens000b	5	E06000006	221	0	37	37
##	3913	Ens000c	5	E06000006	923	15	3	18
##	3914	Ens000d	5	E06000006	135	2	0	2
##	3915	Ens000e	5	E06000006	5187	7	955	962
##	3916	Ens000f	5	E06000006	593	70	0	70
##	3917	Ens000g	5	E06000006	26	1	0	1
##	3918	Ens000h	5	E06000006	729	0	273	273

##	3919	Ens000i	5	E06000006	168	16	2	18
##	3920	Ens000j	5	E06000006	8	1	0	1
##	3921	Ens000k	5	E06000006	90	10	0	10
##	3922	Ens000l	5	E06000006	64	1	10	11
##	3923	Ens000m	5	E06000006	907	31	0	31
##	3924	Ens000n	5	E06000006	76	6	0	6
##	3925	Ens000o	5	E06000006	216	0	82	82
##	3926	Ens000p	5	E06000006	617	0	254	254
##	3927	Ens000q	5	E06000006	5	0	0	0
##	3928	Ens000r	5	E06000006	1770	143	1	144
##	3929	Ens000s	5	E06000006	5655	316	294	610
##	3930	Ens000t	5	E06000006	1314	73	1	74
##	3931	Ens000u	5	E06000006	131	0	28	28
##	3932	Ens000v	5	E06000006	28	2	49	51
##	3933	Ens000w	5	E06000006	36	0	8	8
##	3934	Ens000x	5	E06000006	802	35	540	575
##	3935	Ens000y	5	E06000006	1	0	2	2
##	3936	Ens000z	5	E06000006	13	0	1	1
##	3937	Ens0010	5	E06000006	48	1	51	52
##	3938	Ens0011	5	E06000006	53	0	11	11
##	3939	Ens0012	5	E06000006	12	0	4	4
##	3940	Ens0013	5	E06000006	115	0	26	26
##	3941	Ens0014	5	E06000006	158	0	31	31
##	3942	Ens0015	5	E06000006	5822	929	53	982
##	3943	Ens0016	5	E06000006	11	3	0	3
##	3944	Ens0017	5	E06000006	215	0	45	45
##	3945	Ens0018	5	E06000006	204	3	12	15
##	3946	Ens0019	5	E06000006	81	8	0	8
##	3947	Ens001a	5	E06000006	51	2	0	2
##	3948	Ens001b	5	E06000006	1285	22	0	22
##	3949	Ens001c	5	E06000006	2	0	0	0
##	3950	Ens001d	5	E06000006	661	2	108	110
##	3951	Ens0000	6	E06000006	381	22	0	22
##	3952	Ens0001	6	E06000006	8	0	0	0
##	3953	Ens0002	6	E06000006	4349	450	0	450
##	3954	Ens0003	6	E06000006	23	0	0	0
##	3955	Ens0004	6	E06000006	17	2	0	2
##	3956	Ens0005	6	E06000006	157	0	82	82
##	3957	Ens0006	6	E06000006	132	0	38	38
##	3958	Ens0007	6	E06000006	25	0	2	2
##	3959	Ens0008	6	E06000006	78	4	0	4
##	3960	Ens0009	6	E06000006	907	0	295	295
##	3961	Ens000a	6	E06000006	190	11	24	35
##	3962	Ens000b	6	E06000006	182	0	41	41
##	3963	Ens000c	6	E06000006	925	17	7	24
##	3964	Ens000d	6	E06000006	136	6	0	6
##	3965	Ens000e	6	E06000006	4954	4	935	939
##	3966	Ens000f	6	E06000006	612	46	0	46
##	3967	Ens000g	6	E06000006	31	1	0	1
##	3968	Ens000h	6	E06000006	824	0	258	258
##	3969	Ens000i	6	E06000006	143	14	3	17
##	3970	Ens000j	6	E06000006	7	1	0	1
##	3971	Ens000k	6	E06000006	72	10	0	10
##	3972	Ens000l	6	E06000006	48	0	7	7
##	3973	Ens000m	6	E06000006	864	37	0	37
##	3974	Ens000n	6	E06000006	64	4	0	4
##	3975	Ens000o	6	E06000006	165	0	69	69
##	3976	Ens000p	6	E06000006	956	0	393	393
##	3977	Ens000q	6	E06000006	2	0	0	0
##	3978	Ens000r	6	E06000006	1721	160	0	160
##	3979	Ens000s	6	E06000006	5470	268	273	541
##	3980	Ens000t	6	E06000006	1126	47	0	47
##	3981	Ens000u	6	E06000006	177	0	41	41
##	3982	Ens000v	6	E06000006	39	3	48	51
##	3983	Ens000w	6	E06000006	40	0	10	10
##	3984	Ens000x	6	E06000006	641	20	482	502
##	3985	Ens000y	6	E06000006	4	0	0	0
##	3986	Ens000z	6	E06000006	5	0	0	0
##	3987	Ens0010	6	E06000006	33	1	22	23
##	3988	Ens0011	6	E06000006	63	0	10	10

##	3989	Ens0012	6	E06000006	14	1	5	6
##	3990	Ens0013	6	E06000006	89	1	22	23
##	3991	Ens0014	6	E06000006	171	0	49	49
##	3992	Ens0015	6	E06000006	5867	992	52	1044
##	3993	Ens0016	6	E06000006	27	7	0	7
##	3994	Ens0017	6	E06000006	170	0	31	31
##	3995	Ens0018	6	E06000006	177	0	20	20
##	3996	Ens0019	6	E06000006	66	3	0	3
##	3997	Ens001a	6	E06000006	54	2	0	2
##	3998	Ens001b	6	E06000006	1499	38	0	38
##	3999	Ens001c	6	E06000006	3	1	0	1
##	4000	Ens001d	6	E06000006	619	3	93	96
##	4001	Ens0000	7	E06000006	359	24	0	24
##	4002	Ens0001	7	E06000006	4	0	0	0
##	4003	Ens0002	7	E06000006	4467	427	0	427
##	4004	Ens0003	7	E06000006	20	0	2	2
##	4005	Ens0004	7	E06000006	22	4	0	4
##	4006	Ens0005	7	E06000006	133	0	77	77
##	4007	Ens0006	7	E06000006	163	0	45	45
##	4008	Ens0007	7	E06000006	13	0	1	1
##	4009	Ens0008	7	E06000006	51	0	0	0
##	4010	Ens0009	7	E06000006	870	0	256	256
##	4011	Ens000a	7	E06000006	203	13	24	37
##	4012	Ens000b	7	E06000006	202	0	44	44
##	4013	Ens000c	7	E06000006	1094	18	5	23
##	4014	Ens000d	7	E06000006	89	1	0	1
##	4015	Ens000e	7	E06000006	4926	3	910	913
##	4016	Ens000f	7	E06000006	758	67	0	67
##	4017	Ens000g	7	E06000006	27	0	0	0
##	4018	Ens000h	7	E06000006	827	0	253	253
##	4019	Ens000i	7	E06000006	121	14	0	14
##	4020	Ens000j	7	E06000006	5	0	0	0
##	4021	Ens000k	7	E06000006	52	2	0	2
##	4022	Ens000l	7	E06000006	37	0	7	7
##	4023	Ens000m	7	E06000006	842	25	0	25
##	4024	Ens000n	7	E06000006	61	1	0	1
##	4025	Ens000o	7	E06000006	173	0	66	66
##	4026	Ens000p	7	E06000006	762	0	316	316
##	4027	Ens000q	7	E06000006	5	0	0	0
##	4028	Ens000r	7	E06000006	1736	178	3	181
##	4029	Ens000s	7	E06000006	5762	322	289	611
##	4030	Ens000t	7	E06000006	1038	47	0	47
##	4031	Ens000u	7	E06000006	167	0	30	30
##	4032	Ens000v	7	E06000006	61	7	85	92
##	4033	Ens000w	7	E06000006	30	0	6	6
##	4034	Ens000x	7	E06000006	648	20	487	507
##	4035	Ens000y	7	E06000006	3	0	2	2
##	4036	Ens000z	7	E06000006	10	0	2	2
##	4037	Ens0010	7	E06000006	38	1	39	40
##	4038	Ens0011	7	E06000006	83	0	8	8
##	4039	Ens0012	7	E06000006	7	0	1	1
##	4040	Ens0013	7	E06000006	93	0	19	19
##	4041	Ens0014	7	E06000006	169	0	47	47
##	4042	Ens0015	7	E06000006	5960	1071	72	1143
##	4043	Ens0016	7	E06000006	14	0	0	0
##	4044	Ens0017	7	E06000006	208	0	29	29
##	4045	Ens0018	7	E06000006	172	3	11	14
##	4046	Ens0019	7	E06000006	56	5	0	5
##	4047	Ens001a	7	E06000006	59	2	0	2
##	4048	Ens001b	7	E06000006	1536	43	0	43
##	4049	Ens001c	7	E06000006	5	1	0	1
##	4050	Ens001d	7	E06000006	754	0	130	130
##	4051	Ens0000	8	E060000006	343	17	0	17
##	4052	Ens0001	8	E060000006	15	0	0	0
##	4053	Ens0002	8	E060000006	4402	448	0	448
##	4054	Ens0003	8	E060000006	21	1	1	2
##	4055	Ens0004	8	E060000006	21	0	0	0
##	4056	Ens0005	8	E060000006	166	0	91	91
##	4057	Ens0006	8	E060000006	172	0	35	35
##	4058	Ens0007	8	E060000006	29	0	4	4

##	4059	Ens0008	8	E06000006	106	8	0	8
##	4060	Ens0009	8	E06000006	807	0	261	261
##	4061	Ens000a	8	E06000006	286	25	45	70
##	4062	Ens000b	8	E06000006	168	0	32	32
##	4063	Ens000c	8	E06000006	944	22	1	23
##	4064	Ens000d	8	E06000006	86	0	0	0
##	4065	Ens000e	8	E06000006	5171	7	952	959
##	4066	Ens000f	8	E06000006	459	33	0	33
##	4067	Ens000g	8	E06000006	32	2	0	2
##	4068	Ens000h	8	E06000006	770	2	296	298
##	4069	Ens000i	8	E06000006	162	15	2	17
##	4070	Ens000j	8	E06000006	2	0	0	0
##	4071	Ens000k	8	E06000006	65	7	0	7
##	4072	Ens000l	8	E06000006	67	0	15	15
##	4073	Ens000m	8	E06000006	979	28	0	28
##	4074	Ens000n	8	E06000006	100	13	0	13
##	4075	Ens000o	8	E06000006	154	0	61	61
##	4076	Ens000p	8	E06000006	662	0	265	265
##	4077	Ens000q	8	E06000006	3	0	0	0
##	4078	Ens000r	8	E06000006	1643	161	0	161
##	4079	Ens000s	8	E06000006	5741	285	318	603
##	4080	Ens000t	8	E06000006	983	66	0	66
##	4081	Ens000u	8	E06000006	175	0	37	37
##	4082	Ens000v	8	E06000006	35	3	57	60
##	4083	Ens000w	8	E06000006	48	1	10	11
##	4084	Ens000x	8	E06000006	554	14	365	379
##	4085	Ens000y	8	E06000006	2	0	1	1
##	4086	Ens000z	8	E06000006	14	0	0	0
##	4087	Ens0010	8	E06000006	25	1	23	24
##	4088	Ens0011	8	E06000006	71	0	16	16
##	4089	Ens0012	8	E06000006	8	0	2	2
##	4090	Ens0013	8	E06000006	89	0	16	16
##	4091	Ens0014	8	E06000006	187	0	56	56
##	4092	Ens0015	8	E06000006	5903	955	77	1032
##	4093	Ens0016	8	E06000006	19	2	0	2
##	4094	Ens0017	8	E06000006	293	0	47	47
##	4095	Ens0018	8	E06000006	192	5	30	35
##	4096	Ens0019	8	E06000006	68	7	0	7
##	4097	Ens001a	8	E06000006	37	3	0	3
##	4098	Ens001b	8	E06000006	1316	33	0	33
##	4099	Ens001c	8	E06000006	4	0	0	0
##	4100	Ens001d	8	E06000006	649	0	108	108
##	4101	Ens0000	9	E060000006	506	29	0	29
##	4102	Ens0001	9	E060000006	7	1	0	1
##	4103	Ens0002	9	E060000006	4523	418	0	418
##	4104	Ens0003	9	E060000006	28	0	0	0
##	4105	Ens0004	9	E060000006	23	0	0	0
##	4106	Ens0005	9	E060000006	111	0	80	80
##	4107	Ens0006	9	E060000006	192	0	35	35
##	4108	Ens0007	9	E060000006	14	0	3	3
##	4109	Ens0008	9	E060000006	98	4	0	4
##	4110	Ens0009	9	E060000006	894	0	273	273
##	4111	Ens000a	9	E060000006	189	11	22	33
##	4112	Ens000b	9	E060000006	182	0	49	49
##	4113	Ens000c	9	E060000006	955	12	6	18
##	4114	Ens000d	9	E060000006	95	2	0	2
##	4115	Ens000e	9	E060000006	5046	3	964	967
##	4116	Ens000f	9	E060000006	1009	101	0	101
##	4117	Ens000g	9	E060000006	38	1	0	1
##	4118	Ens000h	9	E060000006	917	2	343	345
##	4119	Ens000i	9	E060000006	163	20	0	20
##	4120	Ens000j	9	E060000006	10	1	0	1
##	4121	Ens000k	9	E060000006	54	1	0	1
##	4122	Ens000l	9	E060000006	79	0	21	21
##	4123	Ens000m	9	E060000006	875	37	0	37
##	4124	Ens000n	9	E060000006	60	5	0	5
##	4125	Ens000o	9	E060000006	155	0	71	71
##	4126	Ens000p	9	E060000006	641	0	298	298
##	4127	Ens000q	9	E060000006	4	0	0	0
##	4128	Ens000r	9	E060000006	1575	149	1	150

##	4129	Ens000s	9	E06000006	5795	282	293	575
##	4130	Ens000t	9	E06000006	974	66	0	66
##	4131	Ens000u	9	E06000006	144	0	33	33
##	4132	Ens000v	9	E06000006	25	1	39	40
##	4133	Ens000w	9	E06000006	29	0	10	10
##	4134	Ens000x	9	E06000006	799	31	537	568
##	4135	Ens000y	9	E06000006	2	0	0	0
##	4136	Ens000z	9	E06000006	9	0	0	0
##	4137	Ens0010	9	E06000006	22	0	40	40
##	4138	Ens0011	9	E06000006	59	0	17	17
##	4139	Ens0012	9	E06000006	9	0	6	6
##	4140	Ens0013	9	E06000006	101	0	24	24
##	4141	Ens0014	9	E06000006	148	0	33	33
##	4142	Ens0015	9	E06000006	5804	886	52	938
##	4143	Ens0016	9	E06000006	24	5	0	5
##	4144	Ens0017	9	E06000006	219	0	34	34
##	4145	Ens0018	9	E06000006	174	2	13	15
##	4146	Ens0019	9	E06000006	61	2	0	2
##	4147	Ens001a	9	E06000006	40	1	0	1
##	4148	Ens001b	9	E06000006	1450	35	0	35
##	4149	Ens001c	9	E06000006	3	0	0	0
##	4150	Ens001d	9	E06000006	660	1	110	111
##	4151	Ens0000	10	E06000006	489	16	0	16
##	4152	Ens0001	10	E06000006	3	0	0	0
##	4153	Ens0002	10	E06000006	4374	418	0	418
##	4154	Ens0003	10	E06000006	23	0	1	1
##	4155	Ens0004	10	E06000006	19	1	0	1
##	4156	Ens0005	10	E06000006	117	0	77	77
##	4157	Ens0006	10	E06000006	158	0	33	33
##	4158	Ens0007	10	E06000006	26	0	2	2
##	4159	Ens0008	10	E06000006	91	4	0	4
##	4160	Ens0009	10	E06000006	843	0	245	245
##	4161	Ens000a	10	E06000006	251	22	26	48
##	4162	Ens000b	10	E06000006	221	0	33	33
##	4163	Ens000c	10	E06000006	898	16	4	20
##	4164	Ens000d	10	E06000006	103	1	0	1
##	4165	Ens000e	10	E06000006	5052	3	894	897
##	4166	Ens000f	10	E06000006	603	50	0	50
##	4167	Ens000g	10	E06000006	39	3	0	3
##	4168	Ens000h	10	E06000006	857	0	281	281
##	4169	Ens000i	10	E06000006	222	19	0	19
##	4170	Ens000j	10	E06000006	8	1	0	1
##	4171	Ens000k	10	E06000006	47	3	0	3
##	4172	Ens000l	10	E06000006	71	0	14	14
##	4173	Ens000m	10	E06000006	962	33	1	34
##	4174	Ens000n	10	E06000006	68	4	0	4
##	4175	Ens000o	10	E06000006	192	0	81	81
##	4176	Ens000p	10	E06000006	535	0	226	226
##	4177	Ens000q	10	E06000006	3	0	0	0
##	4178	Ens000r	10	E06000006	1944	190	2	192
##	4179	Ens000s	10	E06000006	5505	238	294	532
##	4180	Ens000t	10	E06000006	1073	58	0	58
##	4181	Ens000u	10	E06000006	222	0	49	49
##	4182	Ens000v	10	E06000006	73	10	82	92
##	4183	Ens000w	10	E06000006	32	0	8	8
##	4184	Ens000x	10	E06000006	723	33	531	564
##	4185	Ens000y	10	E06000006	3	0	2	2
##	4186	Ens000z	10	E06000006	8	0	1	1
##	4187	Ens0010	10	E06000006	32	1	26	27
##	4188	Ens0011	10	E06000006	66	0	18	18
##	4189	Ens0012	10	E06000006	14	1	1	2
##	4190	Ens0013	10	E06000006	64	0	17	17
##	4191	Ens0014	10	E06000006	161	0	49	49
##	4192	Ens0015	10	E06000006	5856	1037	69	1106
##	4193	Ens0016	10	E06000006	19	0	0	0
##	4194	Ens0017	10	E06000006	151	0	17	17
##	4195	Ens0018	10	E06000006	205	4	19	23
##	4196	Ens0019	10	E06000006	60	10	0	10
##	4197	Ens001a	10	E06000006	58	5	0	5
##	4198	Ens001b	10	E06000006	1428	29	0	29

##	4199	Ens001c	10	E06000006	10	1	0	1
##	4200	Ens001d	10	E06000006	894	2	157	159
##	4201	Ens0000	1	E06000007	708	37	0	37
##	4202	Ens0001	1	E06000007	8	0	0	0
##	4203	Ens0002	1	E06000007	7127	731	0	731
##	4204	Ens0003	1	E06000007	41	1	0	1
##	4205	Ens0004	1	E06000007	31	1	0	1
##	4206	Ens0005	1	E06000007	254	0	177	177
##	4207	Ens0006	1	E06000007	318	0	65	65
##	4208	Ens0007	1	E06000007	43	0	4	4
##	4209	Ens0008	1	E06000007	150	4	0	4
##	4210	Ens0009	1	E06000007	1373	0	463	463
##	4211	Ens000a	1	E06000007	331	28	53	81
##	4212	Ens000b	1	E06000007	462	0	61	61
##	4213	Ens000c	1	E06000007	1979	39	10	49
##	4214	Ens000d	1	E06000007	203	8	0	8
##	4215	Ens000e	1	E06000007	8330	3	1592	1595
##	4216	Ens000f	1	E06000007	1242	103	0	103
##	4217	Ens000g	1	E06000007	59	5	0	5
##	4218	Ens000h	1	E06000007	1485	0	534	534
##	4219	Ens000i	1	E06000007	494	50	4	54
##	4220	Ens000j	1	E06000007	13	1	0	1
##	4221	Ens000k	1	E06000007	132	10	0	10
##	4222	Ens000l	1	E06000007	105	0	20	20
##	4223	Ens000m	1	E06000007	1730	60	0	60
##	4224	Ens000n	1	E06000007	101	6	0	6
##	4225	Ens000o	1	E06000007	386	0	159	159
##	4226	Ens000p	1	E06000007	1100	0	414	414
##	4227	Ens000q	1	E06000007	7	0	0	0
##	4228	Ens000r	1	E06000007	2875	277	4	281
##	4229	Ens000s	1	E06000007	9364	473	459	932
##	4230	Ens000t	1	E06000007	1939	117	1	118
##	4231	Ens000u	1	E06000007	371	0	81	81
##	4232	Ens000v	1	E06000007	59	5	82	87
##	4233	Ens000w	1	E06000007	72	0	15	15
##	4234	Ens000x	1	E06000007	1242	31	877	908
##	4235	Ens000y	1	E06000007	5	0	1	1
##	4236	Ens000z	1	E06000007	17	0	3	3
##	4237	Ens0010	1	E06000007	101	2	79	81
##	4238	Ens0011	1	E06000007	133	0	20	20
##	4239	Ens0012	1	E06000007	18	0	3	3
##	4240	Ens0013	1	E06000007	134	0	29	29
##	4241	Ens0014	1	E06000007	275	0	80	80
##	4242	Ens0015	1	E06000007	9298	1506	105	1611
##	4243	Ens0016	1	E06000007	42	5	0	5
##	4244	Ens0017	1	E06000007	400	0	49	49
##	4245	Ens0018	1	E06000007	374	7	51	58
##	4246	Ens0019	1	E06000007	105	2	0	2
##	4247	Ens001a	1	E06000007	139	6	0	6
##	4248	Ens001b	1	E06000007	2497	59	0	59
##	4249	Ens001c	1	E06000007	6	2	0	2
##	4250	Ens001d	1	E06000007	1259	2	209	211
##	4251	Ens001e	1	E06000007	394	0	125	125
##	4252	Ens001f	1	E06000007	34	1	0	1
##	4253	Ens001g	1	E06000007	2650	0	1049	1049
##	4254	Ens001h	1	E06000007	1331	28	77	105
##	4255	Ens001i	1	E06000007	29	1	0	1
##	4256	Ens001j	1	E06000007	130	4	0	4
##	4257	Ens001k	1	E06000007	10	0	0	0
##	4258	Ens001l	1	E06000007	49	4	7	11
##	4259	Ens001m	1	E06000007	457	8	20	28
##	4260	Ens001n	1	E06000007	1075	31	15	46
##	4261	Ens001o	1	E06000007	50	0	11	11
##	4262	Ens001p	1	E06000007	2813	303	0	303
##	4263	Ens001q	1	E06000007	873	26	0	26
##	4264	Ens001r	1	E06000007	1768	76	3	79
##	4265	Ens001s	1	E06000007	216	0	37	37
##	4266	Ens001t	1	E06000007	7	0	8	8
##	4267	Ens001u	1	E06000007	85	10	0	10
##	4268	Ens001v	1	E06000007	1739	57	0	57

##	4269	Ens001w	1	E06000007	783	44	0	44
##	4270	Ens001x	1	E06000007	11	2	0	2
##	4271	Ens001y	1	E06000007	5427	802	0	802
##	4272	Ens001z	1	E06000007	9	0	0	0
##	4273	Ens0020	1	E06000007	148	14	4	18
##	4274	Ens0021	1	E06000007	375	12	112	124
##	4275	Ens0022	1	E06000007	467	9	0	9
##	4276	Ens0023	1	E06000007	5032	647	0	647
##	4277	Ens0024	1	E06000007	36	7	0	7
##	4278	Ens0025	1	E06000007	144	10	0	10
##	4279	Ens0026	1	E06000007	6664	0	1558	1558
##	4280	Ens0027	1	E06000007	51	0	8	8
##	4281	Ens0028	1	E06000007	14	1	0	1
##	4282	Ens0029	1	E06000007	1181	60	273	333
##	4283	Ens002a	1	E06000007	395	0	50	50
##	4284	Ens002b	1	E06000007	2087	47	0	47
##	4285	Ens002c	1	E06000007	547	0	208	208
##	4286	Ens002d	1	E06000007	109	1	0	1
##	4287	Ens002e	1	E06000007	645	1	264	265
##	4288	Ens002f	1	E06000007	216	1	118	119
##	4289	Ens002g	1	E06000007	1780	100	0	100
##	4290	Ens002h	1	E06000007	1864	0	393	393
##	4291	Ens002i	1	E06000007	3997	82	0	82
##	4292	Ens002j	1	E06000007	120	2	5	7
##	4293	Ens002k	1	E06000007	4	0	0	0
##	4294	Ens002l	1	E06000007	333	24	0	24
##	4295	Ens002m	1	E06000007	366	9	0	9
##	4296	Ens002n	1	E06000007	262	32	33	65
##	4297	Ens002o	1	E06000007	1063	27	78	105
##	4298	Ens002p	1	E06000007	331	24	0	24
##	4299	Ens002q	1	E06000007	8	0	1	1
##	4300	Ens002r	1	E06000007	8	0	2	2
##	4301	Ens002s	1	E06000007	738	12	0	12
##	4302	Ens002t	1	E06000007	4367	573	0	573
##	4303	Ens002u	1	E06000007	266	15	0	15
##	4304	Ens002v	1	E06000007	67	9	0	9
##	4305	Ens002w	1	E06000007	4893	279	0	279
##	4306	Ens002x	1	E06000007	3730	253	0	253
##	4307	Ens002y	1	E06000007	750	30	129	159
##	4308	Ens002z	1	E06000007	3572	0	621	621
##	4309	Ens0030	1	E06000007	6728	0	786	786
##	4310	Ens0031	1	E06000007	142	0	18	18
##	4311	Ens0032	1	E06000007	1171	74	4	78
##	4312	Ens0033	1	E06000007	6574	256	16	272
##	4313	Ens0034	1	E06000007	223	0	50	50
##	4314	Ens0035	1	E06000007	2061	139	8	147
##	4315	Ens0036	1	E06000007	90	0	12	12
##	4316	Ens0037	1	E06000007	177	13	0	13
##	4317	Ens0038	1	E06000007	3057	0	817	817
##	4318	Ens0039	1	E06000007	106	0	28	28
##	4319	Ens003a	1	E06000007	2352	231	0	231
##	4320	Ens003b	1	E06000007	31	0	0	0
##	4321	Ens003c	1	E06000007	91	0	8	8
##	4322	Ens003d	1	E06000007	125	6	0	6
##	4323	Ens003e	1	E06000007	9670	0	1718	1718
##	4324	Ens003f	1	E06000007	123	0	32	32
##	4325	Ens003g	1	E06000007	74	0	15	15
##	4326	Ens003h	1	E06000007	103	1	0	1
##	4327	Ens003i	1	E06000007	136	0	28	28
##	4328	Ens003j	1	E06000007	20	0	2	2
##	4329	Ens003k	1	E06000007	236	9	55	64
##	4330	Ens003l	1	E06000007	16	2	0	2
##	4331	Ens003m	1	E06000007	8	0	2	2
##	4332	Ens003n	1	E06000007	14	0	3	3
##	4333	Ens003o	1	E06000007	17	0	0	0
##	4334	Ens003p	1	E06000007	161	7	0	7
##	4335	Ens003q	1	E06000007	171	4	0	4
##	4336	Ens003r	1	E06000007	159	8	14	22
##	4337	Ens003s	1	E06000007	14	2	0	2
##	4338	Ens003t	1	E06000007	40	3	0	3



##	4339	Ens003u	1	E06000007	1638	14	66	80
##	4340	Ens003v	1	E06000007	8	0	1	1
##	4341	Ens003w	1	E06000007	5982	165	963	1128
##	4342	Ens003x	1	E06000007	19	0	0	0
##	4343	Ens003y	1	E06000007	1220	35	12	47
##	4344	Ens003z	1	E06000007	1178	59	0	59
##	4345	Ens0040	1	E06000007	72	0	18	18
##	4346	Ens0041	1	E06000007	211	14	0	14
##	4347	Ens0042	1	E06000007	22	3	0	3
##	4348	Ens0043	1	E06000007	73	0	24	24
##	4349	Ens0044	1	E06000007	6489	156	6	162
##	4350	Ens0045	1	E06000007	1048	22	32	54
##	4351	Ens0046	1	E06000007	4860	484	0	484
##	4352	Ens0047	1	E06000007	517	0	169	169
##	4353	Ens0048	1	E06000007	898	41	0	41
##	4354	Ens0049	1	E06000007	11	1	0	1
##	4355	Ens004a	1	E06000007	995	0	292	292
##	4356	Ens004b	1	E06000007	46	0	14	14
##	4357	Ens004c	1	E06000007	13	0	0	0
##	4358	Ens004d	1	E06000007	26	2	0	2
##	4359	Ens004e	1	E06000007	1993	0	314	314
##	4360	Ens004f	1	E06000007	14	0	3	3
##	4361	Ens004g	1	E06000007	620	0	216	216
##	4362	Ens004h	1	E06000007	4470	0	407	407
##	4363	Ens004i	1	E06000007	227	1	108	109
##	4364	Ens004j	1	E06000007	26	0	0	0
##	4365	Ens004k	1	E06000007	10220	903	0	903
##	4366	Ens004l	1	E06000007	158	0	123	123
##	4367	Ens004m	1	E06000007	28	0	0	0
##	4368	Ens004n	1	E06000007	64	0	6	6
##	4369	Ens004o	1	E06000007	135	2	0	2
##	4370	Ens004p	1	E06000007	45	0	8	8
##	4371	Ens004q	1	E06000007	1118	22	9	31
##	4372	Ens004r	1	E06000007	70	8	0	8
##	4373	Ens004s	1	E06000007	26	0	12	12
##	4374	Ens004t	1	E06000007	101	6	0	6
##	4375	Ens004u	1	E06000007	143	2	0	2
##	4376	Ens004v	1	E06000007	906	38	8	46
##	4377	Ens004w	1	E06000007	37	0	9	9
##	4378	Ens004x	1	E06000007	2266	0	577	577
##	4379	Ens004y	1	E06000007	61	0	22	22
##	4380	Ens004z	1	E06000007	262	1	74	75
##	4381	Ens0050	1	E06000007	19	0	0	0
##	4382	Ens0051	1	E06000007	170	19	6	25
##	4383	Ens0052	1	E06000007	68	2	0	2
##	4384	Ens0053	1	E06000007	9832	884	54	938
##	4385	Ens0054	1	E06000007	24	0	8	8
##	4386	Ens0055	1	E06000007	698	28	0	28
##	4387	Ens0056	1	E06000007	5423	136	0	136
##	4388	Ens0057	1	E06000007	3410	204	3	207
##	4389	Ens0058	1	E06000007	1891	7	502	509
##	4390	Ens0059	1	E06000007	443	31	0	31
##	4391	Ens005a	1	E06000007	6534	0	2045	2045
##	4392	Ens005b	1	E06000007	1052	0	229	229
##	4393	Ens005c	1	E06000007	71	5	0	5
##	4394	Ens005d	1	E06000007	72	2	0	2
##	4395	Ens005e	1	E06000007	688	5	223	228
##	4396	Ens005f	1	E06000007	1461	0	160	160
##	4397	Ens005g	1	E06000007	351	3	25	28
##	4398	Ens005h	1	E06000007	19	0	5	5
##	4399	Ens005i	1	E06000007	19	0	0	0
##	4400	Ens005j	1	E06000007	635	32	0	32
##	4401	Ens005k	1	E06000007	504	28	0	28
##	4402	Ens005l	1	E06000007	15	0	0	0
##	4403	Ens005m	1	E06000007	117	0	10	10
##	4404	Ens005n	1	E06000007	195	6	0	6
##	4405	Ens005o	1	E06000007	1589	1	738	739
##	4406	Ens005p	1	E06000007	474	0	86	86
##	4407	Ens005q	1	E06000007	31	5	0	5
##	4408	Ens005r	1	E06000007	40	1	0	1

##	4409	Ens005s	1	E06000007	25	0	7	7
##	4410	Ens005t	1	E06000007	2559	4	5637	5641
##	4411	Ens005u	1	E06000007	255	17	0	17
##	4412	Ens005v	1	E06000007	220	4	131	135
##	4413	Ens005w	1	E06000007	1367	0	736	736
##	4414	Ens005x	1	E06000007	87	3	8	11
##	4415	Ens005y	1	E06000007	1643	169	0	169
##	4416	Ens005z	1	E06000007	495	0	115	115
##	4417	Ens0060	1	E06000007	272	7	0	7
##	4418	Ens0061	1	E06000007	5565	612	37	649
##	4419	Ens0062	1	E06000007	3428	0	935	935
##	4420	Ens0063	1	E06000007	271	7	0	7
##	4421	Ens0064	1	E06000007	3994	278	237	515
##	4422	Ens0065	1	E06000007	13	3	0	3
##	4423	Ens0066	1	E06000007	461	17	34	51
##	4424	Ens0067	1	E06000007	5	1	0	1
##	4425	Ens0068	1	E06000007	6	0	1	1
##	4426	Ens0069	1	E06000007	73	1	0	1
##	4427	Ens006a	1	E06000007	390	11	0	11
##	4428	Ens006b	1	E06000007	2586	167	0	167
##	4429	Ens006c	1	E06000007	5012	956	17	973
##	4430	Ens006d	1	E06000007	2806	0	1050	1050
##	4431	Ens006e	1	E06000007	912	108	17	125
##	4432	Ens006f	1	E06000007	4224	0	831	831
##	4433	Ens006g	1	E06000007	7488	1188	0	1188
##	4434	Ens006h	1	E06000007	228	0	36	36
##	4435	Ens006i	1	E06000007	3333	76	0	76
##	4436	Ens006j	1	E06000007	4	0	0	0
##	4437	Ens006k	1	E06000007	711	28	1	29
##	4438	Ens006l	1	E06000007	396	5	88	93
##	4439	Ens006m	1	E06000007	6612	431	0	431
##	4440	Ens006n	1	E06000007	188	10	0	10
##	4441	Ens006o	1	E06000007	528	13	3	16
##	4442	Ens006p	1	E06000007	17	6	3	9
##	4443	Ens006q	1	E06000007	246	0	76	76
##	4444	Ens006r	1	E06000007	338	0	97	97
##	4445	Ens006s	1	E06000007	354	4	290	294
##	4446	Ens006t	1	E06000007	69	0	17	17
##	4447	Ens006u	1	E06000007	15	1	1	2
##	4448	Ens006v	1	E06000007	108	0	7	7
##	4449	Ens006w	1	E06000007	10	0	2	2
##	4450	Ens006x	1	E06000007	240	3	0	3
##	4451	Ens0000	2	E06000007	862	42	0	42
##	4452	Ens0001	2	E06000007	12	0	0	0
##	4453	Ens0002	2	E06000007	7226	767	0	767
##	4454	Ens0003	2	E06000007	47	0	0	0
##	4455	Ens0004	2	E06000007	41	3	0	3
##	4456	Ens0005	2	E06000007	233	0	163	163
##	4457	Ens0006	2	E06000007	344	0	88	88
##	4458	Ens0007	2	E06000007	59	0	8	8
##	4459	Ens0008	2	E06000007	163	5	0	5
##	4460	Ens0009	2	E06000007	1582	0	548	548
##	4461	Ens000a	2	E06000007	433	26	59	85
##	4462	Ens000b	2	E06000007	317	0	53	53
##	4463	Ens000c	2	E06000007	1840	30	10	40
##	4464	Ens000d	2	E06000007	265	10	1	11
##	4465	Ens000e	2	E06000007	8522	5	1503	1508
##	4466	Ens000f	2	E06000007	1448	141	0	141
##	4467	Ens000g	2	E06000007	74	8	0	8
##	4468	Ens000h	2	E06000007	1496	3	542	545
##	4469	Ens000i	2	E06000007	357	35	3	38
##	4470	Ens000j	2	E06000007	15	0	0	0
##	4471	Ens000k	2	E06000007	141	8	0	8
##	4472	Ens000l	2	E06000007	169	0	46	46
##	4473	Ens000m	2	E06000007	1862	66	0	66
##	4474	Ens000n	2	E06000007	111	6	0	6
##	4475	Ens000o	2	E06000007	367	0	139	139
##	4476	Ens000p	2	E06000007	1125	0	491	491
##	4477	Ens000q	2	E06000007	4	0	0	0
##	4478	Ens000r	2	E06000007	2789	262	3	265

##	4479	Ens000s	2	E06000007	9150	478	429	907
##	4480	Ens000t	2	E06000007	1957	93	0	93
##	4481	Ens000u	2	E06000007	261	0	62	62
##	4482	Ens000v	2	E06000007	59	6	107	113
##	4483	Ens000w	2	E06000007	79	0	19	19
##	4484	Ens000x	2	E06000007	1223	31	890	921
##	4485	Ens000y	2	E06000007	3	0	1	1
##	4486	Ens000z	2	E06000007	24	0	1	1
##	4487	Ens0010	2	E06000007	85	1	107	108
##	4488	Ens0011	2	E06000007	220	0	32	32
##	4489	Ens0012	2	E06000007	10	0	6	6
##	4490	Ens0013	2	E06000007	173	1	42	43
##	4491	Ens0014	2	E06000007	375	0	70	70
##	4492	Ens0015	2	E06000007	9302	1547	89	1636
##	4493	Ens0016	2	E06000007	36	5	0	5
##	4494	Ens0017	2	E06000007	398	0	77	77
##	4495	Ens0018	2	E06000007	426	6	44	50
##	4496	Ens0019	2	E06000007	157	12	0	12
##	4497	Ens001a	2	E06000007	127	8	0	8
##	4498	Ens001b	2	E06000007	2397	54	0	54
##	4499	Ens001c	2	E06000007	11	2	0	2
##	4500	Ens001d	2	E06000007	1231	4	242	246
##	4501	Ens0000	3	E06000007	815	42	0	42
##	4502	Ens0001	3	E06000007	12	0	0	0
##	4503	Ens0002	3	E06000007	7382	752	0	752
##	4504	Ens0003	3	E06000007	42	0	0	0
##	4505	Ens0004	3	E06000007	27	0	0	0
##	4506	Ens0005	3	E06000007	239	0	138	138
##	4507	Ens0006	3	E06000007	336	0	56	56
##	4508	Ens0007	3	E06000007	37	0	4	4
##	4509	Ens0008	3	E06000007	172	7	0	7
##	4510	Ens0009	3	E06000007	1506	0	536	536
##	4511	Ens000a	3	E06000007	467	32	80	112
##	4512	Ens000b	3	E06000007	384	0	58	58
##	4513	Ens000c	3	E06000007	1855	40	7	47
##	4514	Ens000d	3	E06000007	228	8	2	10
##	4515	Ens000e	3	E06000007	8550	5	1555	1560
##	4516	Ens000f	3	E06000007	1491	133	0	133
##	4517	Ens000g	3	E06000007	49	6	0	6
##	4518	Ens000h	3	E06000007	1453	1	575	576
##	4519	Ens000i	3	E06000007	402	46	4	50
##	4520	Ens000j	3	E06000007	16	0	0	0
##	4521	Ens000k	3	E06000007	103	2	0	2
##	4522	Ens000l	3	E06000007	150	0	30	30
##	4523	Ens000m	3	E06000007	1544	69	0	69
##	4524	Ens000n	3	E06000007	113	10	0	10
##	4525	Ens000o	3	E06000007	412	0	163	163
##	4526	Ens000p	3	E06000007	1284	0	521	521
##	4527	Ens000q	3	E06000007	3	0	0	0
##	4528	Ens000r	3	E06000007	2812	242	1	243
##	4529	Ens000s	3	E06000007	8981	452	429	881
##	4530	Ens000t	3	E06000007	1995	94	1	95
##	4531	Ens000u	3	E06000007	544	0	134	134
##	4532	Ens000v	3	E06000007	52	5	84	89
##	4533	Ens000w	3	E06000007	61	0	19	19
##	4534	Ens000x	3	E06000007	1185	36	887	923
##	4535	Ens000y	3	E06000007	9	0	3	3
##	4536	Ens000z	3	E06000007	24	0	3	3
##	4537	Ens0010	3	E06000007	85	0	63	63
##	4538	Ens0011	3	E06000007	158	0	26	26
##	4539	Ens0012	3	E06000007	12	0	7	7
##	4540	Ens0013	3	E06000007	161	1	48	49
##	4541	Ens0014	3	E06000007	302	0	79	79
##	4542	Ens0015	3	E06000007	9599	1687	83	1770
##	4543	Ens0016	3	E06000007	36	1	0	1
##	4544	Ens0017	3	E06000007	425	0	64	64
##	4545	Ens0018	3	E06000007	369	7	27	34
##	4546	Ens0019	3	E06000007	126	12	0	12
##	4547	Ens001a	3	E06000007	81	4	0	4
##	4548	Ens001b	3	E06000007	2224	67	0	67

##	4549	Ens001c	3	E06000007	9	0	0	0
##	4550	Ens001d	3	E06000007	1223	2	225	227
##	4551	Ens0000	4	E06000007	706	36	0	36
##	4552	Ens0001	4	E06000007	11	1	0	1
##	4553	Ens0002	4	E06000007	6994	714	0	714
##	4554	Ens0003	4	E06000007	47	2	0	2
##	4555	Ens0004	4	E06000007	33	2	0	2
##	4556	Ens0005	4	E06000007	325	0	190	190
##	4557	Ens0006	4	E06000007	282	0	64	64
##	4558	Ens0007	4	E06000007	46	0	3	3
##	4559	Ens0008	4	E06000007	165	1	0	1
##	4560	Ens0009	4	E06000007	1389	0	447	447
##	4561	Ens000a	4	E06000007	347	22	45	67
##	4562	Ens000b	4	E06000007	402	0	62	62
##	4563	Ens000c	4	E06000007	1945	38	9	47
##	4564	Ens000d	4	E06000007	177	1	1	2
##	4565	Ens000e	4	E06000007	8063	4	1595	1599
##	4566	Ens000f	4	E06000007	1129	100	0	100
##	4567	Ens000g	4	E06000007	51	2	0	2
##	4568	Ens000h	4	E06000007	1339	2	503	505
##	4569	Ens000i	4	E06000007	320	28	3	31
##	4570	Ens000j	4	E06000007	10	0	0	0
##	4571	Ens000k	4	E06000007	74	4	0	4
##	4572	Ens000l	4	E06000007	120	0	23	23
##	4573	Ens000m	4	E06000007	1850	78	1	79
##	4574	Ens000n	4	E06000007	90	10	0	10
##	4575	Ens000o	4	E06000007	361	0	143	143
##	4576	Ens000p	4	E06000007	1281	0	513	513
##	4577	Ens000q	4	E06000007	1	0	0	0
##	4578	Ens000r	4	E06000007	2904	276	1	277
##	4579	Ens000s	4	E06000007	8999	428	422	850
##	4580	Ens000t	4	E06000007	1919	90	1	91
##	4581	Ens000u	4	E06000007	260	0	59	59
##	4582	Ens000v	4	E06000007	68	8	97	105
##	4583	Ens000w	4	E06000007	61	0	10	10
##	4584	Ens000x	4	E06000007	1685	64	1140	1204
##	4585	Ens000y	4	E06000007	5	0	1	1
##	4586	Ens000z	4	E06000007	12	0	3	3
##	4587	Ens0010	4	E06000007	74	4	64	68
##	4588	Ens0011	4	E06000007	149	0	21	21
##	4589	Ens0012	4	E06000007	10	0	1	1
##	4590	Ens0013	4	E06000007	167	0	39	39
##	4591	Ens0014	4	E06000007	366	0	98	98
##	4592	Ens0015	4	E06000007	9458	1583	95	1678
##	4593	Ens0016	4	E06000007	22	2	0	2
##	4594	Ens0017	4	E06000007	370	0	64	64
##	4595	Ens0018	4	E06000007	431	9	39	48
##	4596	Ens0019	4	E06000007	123	11	0	11
##	4597	Ens001a	4	E06000007	77	4	0	4
##	4598	Ens001b	4	E06000007	2179	58	0	58
##	4599	Ens001c	4	E06000007	21	4	0	4
##	4600	Ens001d	4	E06000007	1184	2	228	230
##	4601	Ens0000	5	E06000007	758	55	0	55
##	4602	Ens0001	5	E06000007	15	1	0	1
##	4603	Ens0002	5	E06000007	7343	795	0	795
##	4604	Ens0003	5	E06000007	47	1	0	1
##	4605	Ens0004	5	E06000007	26	1	0	1
##	4606	Ens0005	5	E06000007	267	0	164	164
##	4607	Ens0006	5	E06000007	320	0	66	66
##	4608	Ens0007	5	E06000007	39	0	5	5
##	4609	Ens0008	5	E06000007	141	4	0	4
##	4610	Ens0009	5	E06000007	1684	0	496	496
##	4611	Ens000a	5	E06000007	327	26	53	79
##	4612	Ens000b	5	E06000007	520	0	75	75
##	4613	Ens000c	5	E06000007	1749	25	9	34
##	4614	Ens000d	5	E06000007	217	6	0	6
##	4615	Ens000e	5	E06000007	7993	5	1479	1484
##	4616	Ens000f	5	E06000007	1158	94	0	94
##	4617	Ens000g	5	E06000007	69	5	0	5
##	4618	Ens000h	5	E06000007	1383	2	506	508

##	4619	Ens000i	5	E06000007	421	40	2	42
##	4620	Ens000j	5	E06000007	21	2	0	2
##	4621	Ens000k	5	E06000007	149	14	0	14
##	4622	Ens000l	5	E06000007	97	0	11	11
##	4623	Ens000m	5	E06000007	1695	65	0	65
##	4624	Ens000n	5	E06000007	100	13	0	13
##	4625	Ens000o	5	E06000007	409	0	185	185
##	4626	Ens000p	5	E06000007	1024	0	464	464
##	4627	Ens000q	5	E06000007	3	0	0	0
##	4628	Ens000r	5	E06000007	2947	264	2	266
##	4629	Ens000s	5	E06000007	9086	458	460	918
##	4630	Ens000t	5	E06000007	2245	123	1	124
##	4631	Ens000u	5	E06000007	246	0	53	53
##	4632	Ens000v	5	E06000007	88	12	113	125
##	4633	Ens000w	5	E06000007	61	0	17	17
##	4634	Ens000x	5	E06000007	1630	67	1173	1240
##	4635	Ens000y	5	E06000007	6	0	3	3
##	4636	Ens000z	5	E06000007	21	0	2	2
##	4637	Ens0010	5	E06000007	97	3	104	107
##	4638	Ens0011	5	E06000007	133	0	30	30
##	4639	Ens0012	5	E06000007	22	0	4	4
##	4640	Ens0013	5	E06000007	172	2	29	31
##	4641	Ens0014	5	E06000007	417	0	103	103
##	4642	Ens0015	5	E06000007	9343	1515	94	1609
##	4643	Ens0016	5	E06000007	43	4	0	4
##	4644	Ens0017	5	E06000007	456	0	84	84
##	4645	Ens0018	5	E06000007	301	2	34	36
##	4646	Ens0019	5	E06000007	152	13	0	13
##	4647	Ens001a	5	E06000007	99	3	0	3
##	4648	Ens001b	5	E06000007	2390	56	1	57
##	4649	Ens001c	5	E06000007	3	0	0	0
##	4650	Ens001d	5	E06000007	1249	2	216	218
##	4651	Ens0000	6	E06000007	732	44	0	44
##	4652	Ens0001	6	E06000007	11	0	0	0
##	4653	Ens0002	6	E06000007	7181	732	0	732
##	4654	Ens0003	6	E06000007	58	1	0	1
##	4655	Ens0004	6	E06000007	33	2	0	2
##	4656	Ens0005	6	E06000007	322	0	177	177
##	4657	Ens0006	6	E06000007	277	0	52	52
##	4658	Ens0007	6	E06000007	45	0	6	6
##	4659	Ens0008	6	E06000007	116	4	0	4
##	4660	Ens0009	6	E06000007	1575	0	569	569
##	4661	Ens000a	6	E06000007	339	18	60	78
##	4662	Ens000b	6	E06000007	331	0	58	58
##	4663	Ens000c	6	E06000007	1830	28	5	33
##	4664	Ens000d	6	E06000007	244	6	0	6
##	4665	Ens000e	6	E06000007	8094	1	1488	1489
##	4666	Ens000f	6	E06000007	1174	107	0	107
##	4667	Ens000g	6	E06000007	72	1	0	1
##	4668	Ens000h	6	E06000007	1522	3	576	579
##	4669	Ens000i	6	E06000007	280	31	4	35
##	4670	Ens000j	6	E06000007	12	0	0	0
##	4671	Ens000k	6	E06000007	100	6	0	6
##	4672	Ens000l	6	E06000007	111	0	23	23
##	4673	Ens000m	6	E06000007	1536	66	0	66
##	4674	Ens000n	6	E06000007	137	12	0	12
##	4675	Ens000o	6	E06000007	362	0	144	144
##	4676	Ens000p	6	E06000007	1613	0	675	675
##	4677	Ens000q	6	E06000007	7	0	1	1
##	4678	Ens000r	6	E06000007	2893	273	1	274
##	4679	Ens000s	6	E06000007	8991	465	463	928
##	4680	Ens000t	6	E06000007	2049	111	0	111
##	4681	Ens000u	6	E06000007	317	0	71	71
##	4682	Ens000v	6	E06000007	100	5	121	126
##	4683	Ens000w	6	E06000007	75	0	21	21
##	4684	Ens000x	6	E06000007	1264	42	875	917
##	4685	Ens000y	6	E06000007	6	0	2	2
##	4686	Ens000z	6	E06000007	6	0	0	0
##	4687	Ens0010	6	E06000007	65	1	59	60
##	4688	Ens0011	6	E06000007	136	0	23	23

##	4689	Ens0012	6	E06000007	16	0	5	5
##	4690	Ens0013	6	E06000007	147	1	25	26
##	4691	Ens0014	6	E06000007	311	0	76	76
##	4692	Ens0015	6	E06000007	9463	1693	102	1795
##	4693	Ens0016	6	E06000007	39	8	0	8
##	4694	Ens0017	6	E06000007	339	0	66	66
##	4695	Ens0018	6	E06000007	322	5	31	36
##	4696	Ens0019	6	E06000007	113	11	0	11
##	4697	Ens001a	6	E06000007	97	3	0	3
##	4698	Ens001b	6	E06000007	2532	66	0	66
##	4699	Ens001c	6	E06000007	10	0	0	0
##	4700	Ens001d	6	E06000007	1141	2	213	215
##	4701	Ens0000	7	E06000007	682	38	0	38
##	4702	Ens0001	7	E06000007	6	0	0	0
##	4703	Ens0002	7	E06000007	7227	690	0	690
##	4704	Ens0003	7	E06000007	49	0	0	0
##	4705	Ens0004	7	E06000007	43	2	0	2
##	4706	Ens0005	7	E06000007	239	0	168	168
##	4707	Ens0006	7	E06000007	337	0	87	87
##	4708	Ens0007	7	E06000007	48	0	6	6
##	4709	Ens0008	7	E06000007	144	5	0	5
##	4710	Ens0009	7	E06000007	1471	0	499	499
##	4711	Ens000a	7	E06000007	400	21	54	75
##	4712	Ens000b	7	E06000007	378	0	67	67
##	4713	Ens000c	7	E06000007	1869	27	6	33
##	4714	Ens000d	7	E06000007	202	5	1	6
##	4715	Ens000e	7	E06000007	7835	4	1502	1506
##	4716	Ens000f	7	E06000007	1369	124	0	124
##	4717	Ens000g	7	E06000007	46	2	0	2
##	4718	Ens000h	7	E06000007	1499	1	529	530
##	4719	Ens000i	7	E06000007	321	41	1	42
##	4720	Ens000j	7	E06000007	14	2	0	2
##	4721	Ens000k	7	E06000007	121	9	0	9
##	4722	Ens000l	7	E06000007	105	0	26	26
##	4723	Ens000m	7	E06000007	1637	72	0	72
##	4724	Ens000n	7	E06000007	112	14	0	14
##	4725	Ens000o	7	E06000007	364	0	137	137
##	4726	Ens000p	7	E06000007	1275	0	548	548
##	4727	Ens000q	7	E06000007	2	0	0	0
##	4728	Ens000r	7	E06000007	2960	287	2	289
##	4729	Ens000s	7	E06000007	9382	507	468	975
##	4730	Ens000t	7	E06000007	1881	75	1	76
##	4731	Ens000u	7	E06000007	313	0	54	54
##	4732	Ens000v	7	E06000007	58	8	90	98
##	4733	Ens000w	7	E06000007	76	0	13	13
##	4734	Ens000x	7	E06000007	1605	61	1065	1126
##	4735	Ens000y	7	E06000007	6	0	1	1
##	4736	Ens000z	7	E06000007	15	0	0	0
##	4737	Ens0010	7	E06000007	81	2	87	89
##	4738	Ens0011	7	E06000007	132	0	29	29
##	4739	Ens0012	7	E06000007	16	0	2	2
##	4740	Ens0013	7	E06000007	169	1	48	49
##	4741	Ens0014	7	E06000007	321	0	104	104
##	4742	Ens0015	7	E06000007	9420	1623	82	1705
##	4743	Ens0016	7	E06000007	30	2	0	2
##	4744	Ens0017	7	E06000007	364	0	67	67
##	4745	Ens0018	7	E06000007	340	4	31	35
##	4746	Ens0019	7	E06000007	98	11	0	11
##	4747	Ens001a	7	E06000007	119	2	0	2
##	4748	Ens001b	7	E06000007	2555	65	0	65
##	4749	Ens001c	7	E06000007	5	2	0	2
##	4750	Ens001d	7	E06000007	1301	4	221	225
##	4751	Ens0000	8	E06000007	674	36	0	36
##	4752	Ens0001	8	E06000007	18	0	0	0
##	4753	Ens0002	8	E06000007	7177	713	0	713
##	4754	Ens0003	8	E06000007	39	1	1	2
##	4755	Ens0004	8	E06000007	20	1	0	1
##	4756	Ens0005	8	E06000007	263	0	186	186
##	4757	Ens0006	8	E06000007	321	0	69	69
##	4758	Ens0007	8	E06000007	47	0	7	7

##	4759	Ens0008	8	E06000007	164	6	0	6
##	4760	Ens0009	8	E06000007	1498	0	498	498
##	4761	Ens000a	8	E06000007	406	29	76	105
##	4762	Ens000b	8	E06000007	358	0	62	62
##	4763	Ens000c	8	E06000007	1871	22	13	35
##	4764	Ens000d	8	E06000007	213	0	0	0
##	4765	Ens000e	8	E06000007	8586	4	1612	1616
##	4766	Ens000f	8	E06000007	915	57	0	57
##	4767	Ens000g	8	E06000007	99	3	0	3
##	4768	Ens000h	8	E06000007	1461	2	516	518
##	4769	Ens000i	8	E06000007	335	36	4	40
##	4770	Ens000j	8	E06000007	9	0	0	0
##	4771	Ens000k	8	E06000007	137	6	0	6
##	4772	Ens000l	8	E06000007	157	0	36	36
##	4773	Ens000m	8	E06000007	1714	67	1	68
##	4774	Ens000n	8	E06000007	107	11	0	11
##	4775	Ens000o	8	E06000007	358	0	146	146
##	4776	Ens000p	8	E06000007	1270	0	523	523
##	4777	Ens000q	8	E06000007	4	0	0	0
##	4778	Ens000r	8	E06000007	2819	277	1	278
##	4779	Ens000s	8	E06000007	9410	461	476	937
##	4780	Ens000t	8	E06000007	2014	110	1	111
##	4781	Ens000u	8	E06000007	329	0	93	93
##	4782	Ens000v	8	E06000007	74	7	98	105
##	4783	Ens000w	8	E06000007	70	0	16	16
##	4784	Ens000x	8	E06000007	1024	44	668	712
##	4785	Ens000y	8	E06000007	4	0	0	0
##	4786	Ens000z	8	E06000007	13	0	0	0
##	4787	Ens0010	8	E06000007	68	1	69	70
##	4788	Ens0011	8	E06000007	150	0	34	34
##	4789	Ens0012	8	E06000007	19	0	7	7
##	4790	Ens0013	8	E06000007	186	3	47	50
##	4791	Ens0014	8	E06000007	343	0	87	87
##	4792	Ens0015	8	E06000007	9404	1555	90	1645
##	4793	Ens0016	8	E06000007	29	6	0	6
##	4794	Ens0017	8	E06000007	558	0	81	81
##	4795	Ens0018	8	E06000007	380	0	36	36
##	4796	Ens0019	8	E06000007	131	14	0	14
##	4797	Ens001a	8	E06000007	87	2	0	2
##	4798	Ens001b	8	E06000007	2323	60	0	60
##	4799	Ens001c	8	E06000007	5	0	0	0
##	4800	Ens001d	8	E06000007	1064	2	187	189
##	4801	Ens0000	9	E06000007	739	52	0	52
##	4802	Ens0001	9	E06000007	12	1	0	1
##	4803	Ens0002	9	E06000007	7161	782	1	783
##	4804	Ens0003	9	E06000007	49	0	0	0
##	4805	Ens0004	9	E06000007	40	0	0	0
##	4806	Ens0005	9	E06000007	226	0	136	136
##	4807	Ens0006	9	E06000007	335	0	92	92
##	4808	Ens0007	9	E06000007	38	0	9	9
##	4809	Ens0008	9	E06000007	157	6	1	7
##	4810	Ens0009	9	E06000007	1675	0	455	455
##	4811	Ens000a	9	E06000007	369	25	52	77
##	4812	Ens000b	9	E06000007	394	0	70	70
##	4813	Ens000c	9	E06000007	1724	32	11	43
##	4814	Ens000d	9	E06000007	213	2	1	3
##	4815	Ens000e	9	E06000007	8345	4	1564	1568
##	4816	Ens000f	9	E06000007	1477	134	0	134
##	4817	Ens000g	9	E06000007	84	5	0	5
##	4818	Ens000h	9	E06000007	1574	3	490	493
##	4819	Ens000i	9	E06000007	345	27	4	31
##	4820	Ens000j	9	E06000007	16	1	0	1
##	4821	Ens000k	9	E06000007	82	8	0	8
##	4822	Ens000l	9	E06000007	166	0	40	40
##	4823	Ens000m	9	E06000007	1494	57	0	57
##	4824	Ens000n	9	E06000007	124	14	0	14
##	4825	Ens000o	9	E06000007	351	0	121	121
##	4826	Ens000p	9	E06000007	1259	0	550	550
##	4827	Ens000q	9	E06000007	7	0	1	1
##	4828	Ens000r	9	E06000007	2780	239	5	244

##	4829	Ens000s	9	E06000007	9310	480	541	1021
##	4830	Ens000t	9	E06000007	1929	90	0	90
##	4831	Ens000u	9	E06000007	247	0	54	54
##	4832	Ens000v	9	E06000007	67	6	81	87
##	4833	Ens000w	9	E06000007	51	0	11	11
##	4834	Ens000x	9	E06000007	1411	55	987	1042
##	4835	Ens000y	9	E06000007	1	0	3	3
##	4836	Ens000z	9	E06000007	17	0	1	1
##	4837	Ens0010	9	E06000007	87	1	88	89
##	4838	Ens0011	9	E06000007	96	0	23	23
##	4839	Ens0012	9	E06000007	13	0	6	6
##	4840	Ens0013	9	E06000007	179	0	40	40
##	4841	Ens0014	9	E06000007	319	0	82	82
##	4842	Ens0015	9	E06000007	9352	1524	117	1641
##	4843	Ens0016	9	E06000007	32	5	0	5
##	4844	Ens0017	9	E06000007	374	0	53	53
##	4845	Ens0018	9	E06000007	323	6	32	38
##	4846	Ens0019	9	E06000007	141	14	0	14
##	4847	Ens001a	9	E06000007	102	1	0	1
##	4848	Ens001b	9	E06000007	2392	41	1	42
##	4849	Ens001c	9	E06000007	7	1	0	1
##	4850	Ens001d	9	E06000007	1263	6	203	209
##	4851	Ens0000	10	E06000007	820	50	0	50
##	4852	Ens0001	10	E06000007	9	0	0	0
##	4853	Ens0002	10	E06000007	7210	738	0	738
##	4854	Ens0003	10	E06000007	34	1	1	2
##	4855	Ens0004	10	E06000007	33	0	0	0
##	4856	Ens0005	10	E06000007	246	0	159	159
##	4857	Ens0006	10	E06000007	315	0	60	60
##	4858	Ens0007	10	E06000007	47	0	4	4
##	4859	Ens0008	10	E06000007	207	8	0	8
##	4860	Ens0009	10	E06000007	1461	0	483	483
##	4861	Ens000a	10	E06000007	388	26	54	80
##	4862	Ens000b	10	E06000007	331	0	58	58
##	4863	Ens000c	10	E06000007	1746	30	5	35
##	4864	Ens000d	10	E06000007	232	5	0	5
##	4865	Ens000e	10	E06000007	8102	2	1484	1486
##	4866	Ens000f	10	E06000007	1057	70	0	70
##	4867	Ens000g	10	E06000007	64	4	0	4
##	4868	Ens000h	10	E06000007	1396	2	478	480
##	4869	Ens000i	10	E06000007	503	45	3	48
##	4870	Ens000j	10	E06000007	17	0	0	0
##	4871	Ens000k	10	E06000007	90	5	0	5
##	4872	Ens000l	10	E06000007	126	0	26	26
##	4873	Ens000m	10	E06000007	1859	81	0	81
##	4874	Ens000n	10	E06000007	126	11	0	11
##	4875	Ens000o	10	E06000007	393	0	149	149
##	4876	Ens000p	10	E06000007	1034	0	438	438
##	4877	Ens000q	10	E06000007	5	0	0	0
##	4878	Ens000r	10	E06000007	2995	296	3	299
##	4879	Ens000s	10	E06000007	8968	467	462	929
##	4880	Ens000t	10	E06000007	2016	95	1	96
##	4881	Ens000u	10	E06000007	432	0	98	98
##	4882	Ens000v	10	E06000007	59	6	86	92
##	4883	Ens000w	10	E06000007	55	0	17	17
##	4884	Ens000x	10	E06000007	1466	51	968	1019
##	4885	Ens000y	10	E06000007	5	0	0	0
##	4886	Ens000z	10	E06000007	20	0	2	2
##	4887	Ens0010	10	E06000007	47	1	48	49
##	4888	Ens0011	10	E06000007	135	0	19	19
##	4889	Ens0012	10	E06000007	19	0	3	3
##	4890	Ens0013	10	E06000007	132	1	36	37
##	4891	Ens0014	10	E06000007	262	0	61	61
##	4892	Ens0015	10	E06000007	9395	1612	113	1725
##	4893	Ens0016	10	E06000007	27	6	0	6
##	4894	Ens0017	10	E06000007	338	0	72	72
##	4895	Ens0018	10	E06000007	271	4	36	40
##	4896	Ens0019	10	E06000007	115	16	0	16
##	4897	Ens001a	10	E06000007	85	2	0	2
##	4898	Ens001b	10	E06000007	2607	60	1	61



##	4899	Ens001c	10	E06000007	9	0	0	0
##	4900	Ens001d	10	E06000007	1309	0	258	258
##	4901	Ens0000	1	E06000008	396	25	0	25
##	4902	Ens0001	1	E06000008	5	1	0	1
##	4903	Ens0002	1	E06000008	5141	546	0	546
##	4904	Ens0003	1	E06000008	35	3	0	3
##	4905	Ens0004	1	E06000008	12	1	0	1
##	4906	Ens0005	1	E06000008	118	0	53	53
##	4907	Ens0006	1	E06000008	190	0	41	41
##	4908	Ens0007	1	E06000008	20	0	5	5
##	4909	Ens0008	1	E06000008	71	3	0	3
##	4910	Ens0009	1	E06000008	912	0	265	265
##	4911	Ens000a	1	E06000008	149	15	35	50
##	4912	Ens000b	1	E06000008	195	0	39	39
##	4913	Ens000c	1	E06000008	942	20	9	29
##	4914	Ens000d	1	E06000008	131	4	0	4
##	4915	Ens000e	1	E06000008	6181	2	1165	1167
##	4916	Ens000f	1	E06000008	626	39	0	39
##	4917	Ens000g	1	E06000008	27	1	0	1
##	4918	Ens000h	1	E06000008	861	1	338	339
##	4919	Ens000i	1	E06000008	164	12	2	14
##	4920	Ens000j	1	E06000008	13	1	0	1
##	4921	Ens000k	1	E06000008	66	4	0	4
##	4922	Ens000l	1	E06000008	44	0	12	12
##	4923	Ens000m	1	E06000008	1174	48	0	48
##	4924	Ens000n	1	E06000008	54	4	0	4
##	4925	Ens000o	1	E06000008	190	0	81	81
##	4926	Ens000p	1	E06000008	598	0	277	277
##	4927	Ens000q	1	E06000008	2	0	0	0
##	4928	Ens000r	1	E06000008	1789	160	1	161
##	4929	Ens000s	1	E06000008	6639	321	332	653
##	4930	Ens000t	1	E06000008	1048	51	1	52
##	4931	Ens000u	1	E06000008	165	0	39	39
##	4932	Ens000v	1	E06000008	24	1	43	44
##	4933	Ens000w	1	E06000008	40	0	5	5
##	4934	Ens000x	1	E06000008	671	22	490	512
##	4935	Ens000y	1	E06000008	3	0	0	0
##	4936	Ens000z	1	E06000008	9	0	0	0
##	4937	Ens0010	1	E06000008	36	1	37	38
##	4938	Ens0011	1	E06000008	62	0	13	13
##	4939	Ens0012	1	E06000008	10	0	3	3
##	4940	Ens0013	1	E06000008	76	0	16	16
##	4941	Ens0014	1	E06000008	157	0	38	38
##	4942	Ens0015	1	E06000008	6806	1082	69	1151
##	4943	Ens0016	1	E06000008	15	3	0	3
##	4944	Ens0017	1	E06000008	200	0	35	35
##	4945	Ens0018	1	E06000008	207	3	20	23
##	4946	Ens0019	1	E06000008	54	3	0	3
##	4947	Ens001a	1	E06000008	73	1	0	1
##	4948	Ens001b	1	E06000008	1485	26	0	26
##	4949	Ens001c	1	E06000008	3	0	0	0
##	4950	Ens001d	1	E06000008	642	0	134	134
##	4951	Ens001e	1	E06000008	142	0	53	53
##	4952	Ens001f	1	E06000008	21	1	0	1
##	4953	Ens001g	1	E06000008	1568	0	581	581
##	4954	Ens001h	1	E06000008	749	10	41	51
##	4955	Ens001i	1	E06000008	12	3	0	3
##	4956	Ens001j	1	E06000008	76	2	0	2
##	4957	Ens001k	1	E06000008	9	0	0	0
##	4958	Ens001l	1	E06000008	33	2	2	4
##	4959	Ens001m	1	E06000008	315	4	7	11
##	4960	Ens001n	1	E06000008	580	18	3	21
##	4961	Ens001o	1	E06000008	36	0	8	8
##	4962	Ens001p	1	E06000008	1831	194	0	194
##	4963	Ens001q	1	E06000008	483	15	0	15
##	4964	Ens001r	1	E06000008	970	60	2	62
##	4965	Ens001s	1	E06000008	114	0	24	24
##	4966	Ens001t	1	E06000008	5	0	1	1
##	4967	Ens001u	1	E06000008	32	5	0	5
##	4968	Ens001v	1	E06000008	978	29	0	29

##	4969	Ens001w	1	E06000008	469	25	0	25
##	4970	Ens001x	1	E06000008	2	0	0	0
##	4971	Ens001y	1	E06000008	3366	426	0	426
##	4972	Ens001z	1	E06000008	7	0	0	0
##	4973	Ens0020	1	E06000008	52	4	0	4
##	4974	Ens0021	1	E06000008	203	9	45	54
##	4975	Ens0022	1	E06000008	263	5	0	5
##	4976	Ens0023	1	E06000008	3255	361	0	361
##	4977	Ens0024	1	E06000008	8	1	0	1
##	4978	Ens0025	1	E06000008	58	3	0	3
##	4979	Ens0026	1	E06000008	4567	0	1079	1079
##	4980	Ens0027	1	E06000008	26	0	7	7
##	4981	Ens0028	1	E06000008	5	0	0	0
##	4982	Ens0029	1	E06000008	608	34	130	164
##	4983	Ens002a	1	E06000008	165	0	21	21
##	4984	Ens002b	1	E06000008	1336	24	0	24
##	4985	Ens002c	1	E06000008	200	0	80	80
##	4986	Ens002d	1	E06000008	54	0	0	0
##	4987	Ens002e	1	E06000008	331	0	145	145
##	4988	Ens002f	1	E06000008	91	0	61	61
##	4989	Ens002g	1	E06000008	1268	76	0	76
##	4990	Ens002h	1	E06000008	1125	0	233	233
##	4991	Ens002i	1	E06000008	2533	34	0	34
##	4992	Ens002j	1	E06000008	69	4	2	6
##	4993	Ens002k	1	E06000008	2	1	0	1
##	4994	Ens002l	1	E06000008	208	13	0	13
##	4995	Ens002m	1	E06000008	195	11	0	11
##	4996	Ens002n	1	E06000008	149	15	20	35
##	4997	Ens002o	1	E06000008	694	8	47	55
##	4998	Ens002p	1	E06000008	222	13	0	13
##	4999	Ens002q	1	E06000008	3	0	0	0
##	5000	Ens002r	1	E06000008	12	0	1	1
##	5001	Ens002s	1	E06000008	397	14	0	14
##	5002	Ens002t	1	E06000008	2833	356	0	356
##	5003	Ens002u	1	E06000008	208	6	0	6
##	5004	Ens002v	1	E06000008	16	2	0	2
##	5005	Ens002w	1	E06000008	2953	165	0	165
##	5006	Ens002x	1	E06000008	1870	101	0	101
##	5007	Ens002y	1	E06000008	436	24	88	112
##	5008	Ens002z	1	E06000008	2352	0	396	396
##	5009	Ens0030	1	E06000008	4131	0	467	467
##	5010	Ens0031	1	E06000008	53	0	14	14
##	5011	Ens0032	1	E06000008	601	35	1	36
##	5012	Ens0033	1	E06000008	4551	180	11	191
##	5013	Ens0034	1	E06000008	146	0	24	24
##	5014	Ens0035	1	E06000008	1162	66	6	72
##	5015	Ens0036	1	E06000008	34	0	4	4
##	5016	Ens0037	1	E06000008	83	9	0	9
##	5017	Ens0038	1	E06000008	1745	0	441	441
##	5018	Ens0039	1	E06000008	29	0	18	18
##	5019	Ens003a	1	E06000008	1547	152	0	152
##	5020	Ens003b	1	E06000008	15	0	0	0
##	5021	Ens003c	1	E06000008	39	0	4	4
##	5022	Ens003d	1	E06000008	63	2	0	2
##	5023	Ens003e	1	E06000008	6080	0	1142	1142
##	5024	Ens003f	1	E06000008	52	0	19	19
##	5025	Ens003g	1	E06000008	21	0	5	5
##	5026	Ens003h	1	E06000008	35	0	0	0
##	5027	Ens003i	1	E06000008	58	0	12	12
##	5028	Ens003j	1	E06000008	8	0	1	1
##	5029	Ens003k	1	E06000008	101	3	23	26
##	5030	Ens003l	1	E06000008	7	0	0	0
##	5031	Ens003m	1	E06000008	4	0	1	1
##	5032	Ens003n	1	E06000008	11	0	1	1
##	5033	Ens003o	1	E06000008	10	1	0	1
##	5034	Ens003p	1	E06000008	98	2	0	2
##	5035	Ens003q	1	E06000008	60	1	0	1
##	5036	Ens003r	1	E06000008	38	1	7	8
##	5037	Ens003s	1	E06000008	4	1	0	1
##	5038	Ens003t	1	E06000008	28	1	0	1

##	5039	Ens003u	1	E06000008	959	8	33	41
##	5040	Ens003v	1	E06000008	1	0	0	0
##	5041	Ens003w	1	E06000008	3795	70	648	718
##	5042	Ens003x	1	E06000008	4	0	0	0
##	5043	Ens003y	1	E06000008	575	13	4	17
##	5044	Ens003z	1	E06000008	1065	80	0	80
##	5045	Ens0040	1	E06000008	37	0	7	7
##	5046	Ens0041	1	E06000008	74	8	0	8
##	5047	Ens0042	1	E06000008	13	2	0	2
##	5048	Ens0043	1	E06000008	36	0	9	9
##	5049	Ens0044	1	E06000008	4649	116	2	118
##	5050	Ens0045	1	E06000008	450	15	15	30
##	5051	Ens0046	1	E06000008	2905	291	1	292
##	5052	Ens0047	1	E06000008	429	0	127	127
##	5053	Ens0048	1	E06000008	420	14	0	14
##	5054	Ens0049	1	E06000008	2	0	0	0
##	5055	Ens004a	1	E06000008	452	0	150	150
##	5056	Ens004b	1	E06000008	33	0	11	11
##	5057	Ens004c	1	E06000008	8	0	0	0
##	5058	Ens004d	1	E06000008	14	1	0	1
##	5059	Ens004e	1	E06000008	1191	0	184	184
##	5060	Ens004f	1	E06000008	4	0	1	1
##	5061	Ens004g	1	E06000008	378	0	136	136
##	5062	Ens004h	1	E06000008	3309	0	297	297
##	5063	Ens004i	1	E06000008	149	2	54	56
##	5064	Ens004j	1	E06000008	10	1	0	1
##	5065	Ens004k	1	E06000008	7195	580	0	580
##	5066	Ens004l	1	E06000008	93	0	77	77
##	5067	Ens004m	1	E06000008	10	0	0	0
##	5068	Ens004n	1	E06000008	11	0	1	1
##	5069	Ens004o	1	E06000008	61	1	0	1
##	5070	Ens004p	1	E06000008	14	0	7	7
##	5071	Ens004q	1	E06000008	763	7	3	10
##	5072	Ens004r	1	E06000008	34	1	0	1
##	5073	Ens004s	1	E06000008	23	0	6	6
##	5074	Ens004t	1	E06000008	87	10	0	10
##	5075	Ens004u	1	E06000008	66	2	0	2
##	5076	Ens004v	1	E06000008	452	22	8	30
##	5077	Ens004w	1	E06000008	14	0	3	3
##	5078	Ens004x	1	E06000008	1333	0	298	298
##	5079	Ens004y	1	E06000008	19	0	6	6
##	5080	Ens004z	1	E06000008	138	1	33	34
##	5081	Ens0050	1	E06000008	13	0	0	0
##	5082	Ens0051	1	E06000008	142	7	2	9
##	5083	Ens0052	1	E06000008	27	0	0	0
##	5084	Ens0053	1	E06000008	6227	479	49	528
##	5085	Ens0054	1	E06000008	10	0	2	2
##	5086	Ens0055	1	E06000008	336	8	0	8
##	5087	Ens0056	1	E06000008	3701	87	0	87
##	5088	Ens0057	1	E06000008	2082	141	0	141
##	5089	Ens0058	1	E06000008	1187	4	329	333
##	5090	Ens0059	1	E06000008	285	14	0	14
##	5091	Ens005a	1	E06000008	3913	0	1279	1279
##	5092	Ens005b	1	E06000008	547	0	129	129
##	5093	Ens005c	1	E06000008	43	2	0	2
##	5094	Ens005d	1	E06000008	35	0	0	0
##	5095	Ens005e	1	E06000008	383	2	129	131
##	5096	Ens005f	1	E06000008	954	0	113	113
##	5097	Ens005g	1	E06000008	221	2	16	18
##	5098	Ens005h	1	E06000008	14	0	3	3
##	5099	Ens005i	1	E06000008	12	1	0	1
##	5100	Ens005j	1	E06000008	436	19	1	20
##	5101	Ens005k	1	E06000008	250	16	0	16
##	5102	Ens005l	1	E06000008	8	0	0	0
##	5103	Ens005m	1	E06000008	117	0	11	11
##	5104	Ens005n	1	E06000008	107	0	0	0
##	5105	Ens005o	1	E06000008	912	0	459	459
##	5106	Ens005p	1	E06000008	226	0	34	34
##	5107	Ens005q	1	E06000008	14	0	0	0
##	5108	Ens005r	1	E06000008	14	1	0	1

##	5109	Ens005s	1	E06000008	12	0	4	4
##	5110	Ens005t	1	E06000008	1320	6	3060	3066
##	5111	Ens005u	1	E06000008	169	12	0	12
##	5112	Ens005v	1	E06000008	178	8	74	82
##	5113	Ens005w	1	E06000008	770	0	449	449
##	5114	Ens005x	1	E06000008	34	0	4	4
##	5115	Ens005y	1	E06000008	826	63	0	63
##	5116	Ens005z	1	E06000008	306	0	52	52
##	5117	Ens0060	1	E06000008	165	4	0	4
##	5118	Ens0061	1	E06000008	3616	327	15	342
##	5119	Ens0062	1	E06000008	2120	0	573	573
##	5120	Ens0063	1	E06000008	108	3	0	3
##	5121	Ens0064	1	E06000008	2504	137	145	282
##	5122	Ens0065	1	E06000008	7	1	0	1
##	5123	Ens0066	1	E06000008	241	12	14	26
##	5124	Ens0067	1	E06000008	1	1	0	1
##	5125	Ens0068	1	E06000008	0	0	1	1
##	5126	Ens0069	1	E06000008	23	0	0	0
##	5127	Ens006a	1	E06000008	254	9	0	9
##	5128	Ens006b	1	E06000008	1219	45	0	45
##	5129	Ens006c	1	E06000008	3643	706	11	717
##	5130	Ens006d	1	E06000008	2179	0	767	767
##	5131	Ens006e	1	E06000008	543	56	9	65
##	5132	Ens006f	1	E06000008	2973	0	572	572
##	5133	Ens006g	1	E06000008	5200	759	0	759
##	5134	Ens006h	1	E06000008	173	0	36	36
##	5135	Ens006i	1	E06000008	2037	60	0	60
##	5136	Ens006j	1	E06000008	4	0	0	0
##	5137	Ens006k	1	E06000008	347	9	2	11
##	5138	Ens006l	1	E06000008	199	3	43	46
##	5139	Ens006m	1	E06000008	4462	302	0	302
##	5140	Ens006n	1	E06000008	129	18	0	18
##	5141	Ens006o	1	E06000008	317	5	1	6
##	5142	Ens006p	1	E06000008	2	0	1	1
##	5143	Ens006q	1	E06000008	106	0	33	33
##	5144	Ens006r	1	E06000008	141	0	27	27
##	5145	Ens006s	1	E06000008	181	2	129	131
##	5146	Ens006t	1	E06000008	32	0	10	10
##	5147	Ens006u	1	E06000008	14	0	1	1
##	5148	Ens006v	1	E06000008	33	0	1	1
##	5149	Ens006w	1	E06000008	6	0	0	0
##	5150	Ens006x	1	E06000008	93	1	0	1
##	5151	Ens0000	2	E06000008	474	27	0	27
##	5152	Ens0001	2	E06000008	8	0	0	0
##	5153	Ens0002	2	E06000008	5001	487	0	487
##	5154	Ens0003	2	E06000008	25	1	0	1
##	5155	Ens0004	2	E06000008	22	0	0	0
##	5156	Ens0005	2	E06000008	128	0	85	85
##	5157	Ens0006	2	E06000008	172	0	33	33
##	5158	Ens0007	2	E06000008	20	0	6	6
##	5159	Ens0008	2	E06000008	61	1	0	1
##	5160	Ens0009	2	E06000008	1061	0	308	308
##	5161	Ens000a	2	E06000008	193	10	22	32
##	5162	Ens000b	2	E06000008	198	0	45	45
##	5163	Ens000c	2	E06000008	970	11	1	12
##	5164	Ens000d	2	E06000008	101	1	0	1
##	5165	Ens000e	2	E06000008	5876	5	1077	1082
##	5166	Ens000f	2	E06000008	854	80	0	80
##	5167	Ens000g	2	E06000008	15	0	0	0
##	5168	Ens000h	2	E06000008	948	2	333	335
##	5169	Ens000i	2	E06000008	224	19	3	22
##	5170	Ens000j	2	E06000008	11	0	0	0
##	5171	Ens000k	2	E06000008	71	4	0	4
##	5172	Ens000l	2	E06000008	89	0	14	14
##	5173	Ens000m	2	E06000008	1075	42	0	42
##	5174	Ens000n	2	E06000008	35	2	0	2
##	5175	Ens000o	2	E06000008	236	0	98	98
##	5176	Ens000p	2	E06000008	634	0	256	256
##	5177	Ens000q	2	E06000008	2	0	0	0
##	5178	Ens000r	2	E06000008	1946	163	3	166

##	5179	Ens000s	2	E06000008	7231	403	358	761
##	5180	Ens000t	2	E06000008	958	54	1	55
##	5181	Ens000u	2	E06000008	214	0	49	49
##	5182	Ens000v	2	E06000008	38	4	43	47
##	5183	Ens000w	2	E06000008	29	0	3	3
##	5184	Ens000x	2	E06000008	594	16	394	410
##	5185	Ens000y	2	E06000008	0	0	1	1
##	5186	Ens000z	2	E06000008	6	0	1	1
##	5187	Ens0010	2	E06000008	47	2	42	44
##	5188	Ens0011	2	E06000008	73	0	12	12
##	5189	Ens0012	2	E06000008	5	0	3	3
##	5190	Ens0013	2	E06000008	83	0	26	26
##	5191	Ens0014	2	E06000008	152	0	42	42
##	5192	Ens0015	2	E06000008	6700	1090	70	1160
##	5193	Ens0016	2	E06000008	16	2	0	2
##	5194	Ens0017	2	E06000008	205	0	38	38
##	5195	Ens0018	2	E06000008	180	1	16	17
##	5196	Ens0019	2	E06000008	45	2	0	2
##	5197	Ens001a	2	E06000008	56	2	0	2
##	5198	Ens001b	2	E06000008	1484	33	0	33
##	5199	Ens001c	2	E06000008	2	0	0	0
##	5200	Ens001d	2	E06000008	737	0	118	118
##	5201	Ens0000	3	E06000008	465	34	0	34
##	5202	Ens0001	3	E06000008	8	0	0	0
##	5203	Ens0002	3	E06000008	5144	482	0	482
##	5204	Ens0003	3	E06000008	24	0	0	0
##	5205	Ens0004	3	E06000008	17	0	0	0
##	5206	Ens0005	3	E06000008	76	0	54	54
##	5207	Ens0006	3	E06000008	173	0	35	35
##	5208	Ens0007	3	E06000008	34	0	3	3
##	5209	Ens0008	3	E06000008	85	3	0	3
##	5210	Ens0009	3	E06000008	1000	0	297	297
##	5211	Ens000a	3	E06000008	252	21	36	57
##	5212	Ens000b	3	E06000008	188	0	36	36
##	5213	Ens000c	3	E06000008	1135	20	3	23
##	5214	Ens000d	3	E06000008	140	5	0	5
##	5215	Ens000e	3	E06000008	6897	5	1211	1216
##	5216	Ens000f	3	E06000008	1072	110	0	110
##	5217	Ens000g	3	E06000008	30	2	0	2
##	5218	Ens000h	3	E06000008	835	0	340	340
##	5219	Ens000i	3	E06000008	193	17	1	18
##	5220	Ens000j	3	E06000008	6	0	0	0
##	5221	Ens000k	3	E06000008	59	2	0	2
##	5222	Ens000l	3	E06000008	60	0	16	16
##	5223	Ens000m	3	E06000008	906	35	0	35
##	5224	Ens000n	3	E06000008	51	4	0	4
##	5225	Ens000o	3	E06000008	211	0	82	82
##	5226	Ens000p	3	E06000008	792	0	354	354
##	5227	Ens000q	3	E06000008	1	0	0	0
##	5228	Ens000r	3	E06000008	1584	114	0	114
##	5229	Ens000s	3	E06000008	6311	296	362	658
##	5230	Ens000t	3	E06000008	1180	61	0	61
##	5231	Ens000u	3	E06000008	164	0	45	45
##	5232	Ens000v	3	E06000008	27	2	42	44
##	5233	Ens000w	3	E06000008	52	0	7	7
##	5234	Ens000x	3	E06000008	897	41	668	709
##	5235	Ens000y	3	E06000008	1	0	2	2
##	5236	Ens000z	3	E06000008	9	0	0	0
##	5237	Ens0010	3	E06000008	40	1	34	35
##	5238	Ens0011	3	E06000008	128	0	24	24
##	5239	Ens0012	3	E06000008	11	0	0	0
##	5240	Ens0013	3	E06000008	75	0	16	16
##	5241	Ens0014	3	E06000008	125	0	44	44
##	5242	Ens0015	3	E06000008	6858	1175	64	1239
##	5243	Ens0016	3	E06000008	12	1	0	1
##	5244	Ens0017	3	E06000008	129	0	20	20
##	5245	Ens0018	3	E06000008	220	2	20	22
##	5246	Ens0019	3	E06000008	43	4	0	4
##	5247	Ens001a	3	E06000008	40	3	0	3
##	5248	Ens001b	3	E06000008	1436	44	0	44

##	5249	Ens001c	3	E06000008	2	1	0	1
##	5250	Ens001d	3	E06000008	756	1	151	152
##	5251	Ens0000	4	E06000008	331	24	0	24
##	5252	Ens0001	4	E06000008	5	0	0	0
##	5253	Ens0002	4	E06000008	4945	464	0	464
##	5254	Ens0003	4	E06000008	21	0	1	1
##	5255	Ens0004	4	E06000008	16	0	0	0
##	5256	Ens0005	4	E06000008	137	0	89	89
##	5257	Ens0006	4	E06000008	184	0	29	29
##	5258	Ens0007	4	E06000008	12	0	4	4
##	5259	Ens0008	4	E06000008	98	2	0	2
##	5260	Ens0009	4	E06000008	797	0	258	258
##	5261	Ens000a	4	E06000008	156	13	23	36
##	5262	Ens000b	4	E06000008	188	0	36	36
##	5263	Ens000c	4	E06000008	1100	12	6	18
##	5264	Ens000d	4	E06000008	129	6	0	6
##	5265	Ens000e	4	E06000008	5640	1	1036	1037
##	5266	Ens000f	4	E06000008	668	54	0	54
##	5267	Ens000g	4	E06000008	20	0	0	0
##	5268	Ens000h	4	E06000008	937	1	304	305
##	5269	Ens000i	4	E06000008	138	11	1	12
##	5270	Ens000j	4	E06000008	7	1	0	1
##	5271	Ens000k	4	E06000008	96	6	0	6
##	5272	Ens000l	4	E06000008	54	0	11	11
##	5273	Ens000m	4	E06000008	919	39	0	39
##	5274	Ens000n	4	E06000008	70	8	0	8
##	5275	Ens000o	4	E06000008	344	0	111	111
##	5276	Ens000p	4	E06000008	862	0	343	343
##	5277	Ens000q	4	E06000008	3	0	0	0
##	5278	Ens000r	4	E06000008	1712	146	1	147
##	5279	Ens000s	4	E06000008	6120	274	300	574
##	5280	Ens000t	4	E06000008	1031	47	0	47
##	5281	Ens000u	4	E06000008	200	0	30	30
##	5282	Ens000v	4	E06000008	19	3	41	44
##	5283	Ens000w	4	E06000008	24	0	8	8
##	5284	Ens000x	4	E06000008	897	27	668	695
##	5285	Ens000y	4	E06000008	3	0	0	0
##	5286	Ens000z	4	E06000008	3	0	2	2
##	5287	Ens0010	4	E06000008	57	1	58	59
##	5288	Ens0011	4	E06000008	76	0	18	18
##	5289	Ens0012	4	E06000008	7	0	2	2
##	5290	Ens0013	4	E06000008	91	1	19	20
##	5291	Ens0014	4	E06000008	177	0	49	49
##	5292	Ens0015	4	E06000008	6954	1173	74	1247
##	5293	Ens0016	4	E06000008	14	0	0	0
##	5294	Ens0017	4	E06000008	152	0	30	30
##	5295	Ens0018	4	E06000008	207	2	26	28
##	5296	Ens0019	4	E06000008	50	5	0	5
##	5297	Ens001a	4	E06000008	40	3	0	3
##	5298	Ens001b	4	E06000008	1395	25	0	25
##	5299	Ens001c	4	E06000008	5	0	0	0
##	5300	Ens001d	4	E06000008	774	0	160	160
##	5301	Ens0000	5	E06000008	408	22	0	22
##	5302	Ens0001	5	E06000008	3	0	0	0
##	5303	Ens0002	5	E06000008	5092	512	0	512
##	5304	Ens0003	5	E06000008	26	0	0	0
##	5305	Ens0004	5	E06000008	26	2	0	2
##	5306	Ens0005	5	E06000008	130	0	82	82
##	5307	Ens0006	5	E06000008	189	0	35	35
##	5308	Ens0007	5	E06000008	17	0	3	3
##	5309	Ens0008	5	E06000008	75	5	0	5
##	5310	Ens0009	5	E06000008	953	0	271	271
##	5311	Ens000a	5	E06000008	227	10	31	41
##	5312	Ens000b	5	E06000008	216	0	33	33
##	5313	Ens000c	5	E06000008	869	12	3	15
##	5314	Ens000d	5	E06000008	79	1	0	1
##	5315	Ens000e	5	E06000008	5753	3	1053	1056
##	5316	Ens000f	5	E06000008	714	61	0	61
##	5317	Ens000g	5	E06000008	19	1	0	1
##	5318	Ens000h	5	E06000008	788	2	310	312

##	5319	Ens000i	5	E06000008	171	20	0	20
##	5320	Ens000j	5	E06000008	3	0	0	0
##	5321	Ens000k	5	E06000008	70	3	0	3
##	5322	Ens000l	5	E06000008	34	0	7	7
##	5323	Ens000m	5	E06000008	1110	55	0	55
##	5324	Ens000n	5	E06000008	59	7	0	7
##	5325	Ens000o	5	E06000008	215	0	80	80
##	5326	Ens000p	5	E06000008	672	0	313	313
##	5327	Ens000q	5	E06000008	2	0	0	0
##	5328	Ens000r	5	E06000008	1852	186	1	187
##	5329	Ens000s	5	E06000008	7010	376	389	765
##	5330	Ens000t	5	E06000008	1273	70	2	72
##	5331	Ens000u	5	E06000008	203	0	47	47
##	5332	Ens000v	5	E06000008	49	0	54	54
##	5333	Ens000w	5	E06000008	39	0	9	9
##	5334	Ens000x	5	E06000008	769	25	533	558
##	5335	Ens000y	5	E06000008	3	0	1	1
##	5336	Ens000z	5	E06000008	9	0	0	0
##	5337	Ens0010	5	E06000008	49	1	42	43
##	5338	Ens0011	5	E06000008	100	0	16	16
##	5339	Ens0012	5	E06000008	8	1	2	3
##	5340	Ens0013	5	E06000008	92	0	27	27
##	5341	Ens0014	5	E06000008	178	0	55	55
##	5342	Ens0015	5	E06000008	6713	1033	77	1110
##	5343	Ens0016	5	E06000008	15	2	0	2
##	5344	Ens0017	5	E06000008	196	0	33	33
##	5345	Ens0018	5	E06000008	177	5	10	15
##	5346	Ens0019	5	E06000008	65	3	0	3
##	5347	Ens001a	5	E06000008	68	4	0	4
##	5348	Ens001b	5	E06000008	1499	39	0	39
##	5349	Ens001c	5	E06000008	7	0	0	0
##	5350	Ens001d	5	E06000008	573	3	114	117
##	5351	Ens0000	6	E06000008	458	27	0	27
##	5352	Ens0001	6	E06000008	0	0	0	0
##	5353	Ens0002	6	E06000008	5328	529	0	529
##	5354	Ens0003	6	E06000008	21	0	0	0
##	5355	Ens0004	6	E06000008	22	2	0	2
##	5356	Ens0005	6	E06000008	139	0	82	82
##	5357	Ens0006	6	E06000008	149	0	34	34
##	5358	Ens0007	6	E06000008	19	0	3	3
##	5359	Ens0008	6	E06000008	71	2	0	2
##	5360	Ens0009	6	E06000008	985	0	311	311
##	5361	Ens000a	6	E06000008	186	11	31	42
##	5362	Ens000b	6	E06000008	192	0	33	33
##	5363	Ens000c	6	E06000008	1110	15	10	25
##	5364	Ens000d	6	E06000008	120	1	0	1
##	5365	Ens000e	6	E06000008	5647	4	1060	1064
##	5366	Ens000f	6	E06000008	683	50	0	50
##	5367	Ens000g	6	E06000008	26	0	0	0
##	5368	Ens000h	6	E06000008	861	0	324	324
##	5369	Ens000i	6	E06000008	112	13	2	15
##	5370	Ens000j	6	E06000008	7	0	0	0
##	5371	Ens000k	6	E06000008	47	3	0	3
##	5372	Ens000l	6	E06000008	67	0	18	18
##	5373	Ens000m	6	E06000008	1111	25	0	25
##	5374	Ens000n	6	E06000008	66	2	0	2
##	5375	Ens000o	6	E06000008	312	0	119	119
##	5376	Ens000p	6	E06000008	805	0	340	340
##	5377	Ens000q	6	E06000008	0	0	0	0
##	5378	Ens000r	6	E06000008	1963	174	0	174
##	5379	Ens000s	6	E06000008	6517	282	335	617
##	5380	Ens000t	6	E06000008	982	59	0	59
##	5381	Ens000u	6	E06000008	175	0	49	49
##	5382	Ens000v	6	E06000008	32	5	65	70
##	5383	Ens000w	6	E06000008	35	0	9	9
##	5384	Ens000x	6	E06000008	778	26	574	600
##	5385	Ens000y	6	E06000008	2	0	0	0
##	5386	Ens000z	6	E06000008	5	0	1	1
##	5387	Ens0010	6	E06000008	34	1	32	33
##	5388	Ens0011	6	E06000008	68	0	13	13

##	5389	Ens0012	6	E06000008	8	0	3	3
##	5390	Ens0013	6	E06000008	87	0	20	20
##	5391	Ens0014	6	E06000008	140	0	44	44
##	5392	Ens0015	6	E06000008	6995	1143	63	1206
##	5393	Ens0016	6	E06000008	15	3	0	3
##	5394	Ens0017	6	E06000008	196	0	29	29
##	5395	Ens0018	6	E06000008	208	4	23	27
##	5396	Ens0019	6	E06000008	61	4	0	4
##	5397	Ens001a	6	E06000008	43	1	0	1
##	5398	Ens001b	6	E06000008	1894	50	1	51
##	5399	Ens001c	6	E06000008	7	0	0	0
##	5400	Ens001d	6	E06000008	773	3	114	117
##	5401	Ens0000	7	E06000008	440	20	0	20
##	5402	Ens0001	7	E06000008	7	0	0	0
##	5403	Ens0002	7	E06000008	5035	500	0	500
##	5404	Ens0003	7	E06000008	19	2	1	3
##	5405	Ens0004	7	E06000008	11	0	0	0
##	5406	Ens0005	7	E06000008	114	0	66	66
##	5407	Ens0006	7	E06000008	176	0	38	38
##	5408	Ens0007	7	E06000008	11	0	5	5
##	5409	Ens0008	7	E06000008	74	5	0	5
##	5410	Ens0009	7	E06000008	880	0	274	274
##	5411	Ens000a	7	E06000008	208	14	26	40
##	5412	Ens000b	7	E06000008	175	0	25	25
##	5413	Ens000c	7	E06000008	1002	15	6	21
##	5414	Ens000d	7	E06000008	144	1	0	1
##	5415	Ens000e	7	E06000008	5650	2	1088	1090
##	5416	Ens000f	7	E06000008	783	50	0	50
##	5417	Ens000g	7	E06000008	26	4	0	4
##	5418	Ens000h	7	E06000008	929	0	292	292
##	5419	Ens000i	7	E06000008	200	25	0	25
##	5420	Ens000j	7	E06000008	9	1	0	1
##	5421	Ens000k	7	E06000008	59	4	0	4
##	5422	Ens000l	7	E06000008	44	0	10	10
##	5423	Ens000m	7	E06000008	965	34	0	34
##	5424	Ens000n	7	E06000008	64	6	0	6
##	5425	Ens000o	7	E06000008	196	0	68	68
##	5426	Ens000p	7	E06000008	785	0	315	315
##	5427	Ens000q	7	E06000008	0	0	0	0
##	5428	Ens000r	7	E06000008	1868	164	0	164
##	5429	Ens000s	7	E06000008	6919	364	331	695
##	5430	Ens000t	7	E06000008	1057	71	0	71
##	5431	Ens000u	7	E06000008	413	0	74	74
##	5432	Ens000v	7	E06000008	34	3	46	49
##	5433	Ens000w	7	E06000008	39	0	9	9
##	5434	Ens000x	7	E06000008	705	24	454	478
##	5435	Ens000y	7	E06000008	2	0	1	1
##	5436	Ens000z	7	E06000008	9	0	1	1
##	5437	Ens0010	7	E06000008	44	0	33	33
##	5438	Ens0011	7	E06000008	131	0	13	13
##	5439	Ens0012	7	E06000008	8	1	1	2
##	5440	Ens0013	7	E06000008	79	0	22	22
##	5441	Ens0014	7	E06000008	181	0	44	44
##	5442	Ens0015	7	E06000008	6816	1066	70	1136
##	5443	Ens0016	7	E06000008	11	1	0	1
##	5444	Ens0017	7	E06000008	205	0	36	36
##	5445	Ens0018	7	E06000008	280	4	23	27
##	5446	Ens0019	7	E06000008	54	4	0	4
##	5447	Ens001a	7	E06000008	35	0	0	0
##	5448	Ens001b	7	E06000008	1781	42	0	42
##	5449	Ens001c	7	E06000008	3	0	0	0
##	5450	Ens001d	7	E06000008	639	0	105	105
##	5451	Ens0000	8	E060000008	377	21	0	21
##	5452	Ens0001	8	E060000008	5	0	0	0
##	5453	Ens0002	8	E060000008	4965	462	0	462
##	5454	Ens0003	8	E060000008	17	0	0	0
##	5455	Ens0004	8	E060000008	17	1	0	1
##	5456	Ens0005	8	E060000008	90	0	58	58
##	5457	Ens0006	8	E060000008	180	0	39	39
##	5458	Ens0007	8	E060000008	12	0	1	1



##	5459	Ens0008	8	E06000008	74	4	0	4
##	5460	Ens0009	8	E06000008	828	0	269	269
##	5461	Ens000a	8	E06000008	194	9	36	45
##	5462	Ens000b	8	E06000008	203	0	34	34
##	5463	Ens000c	8	E06000008	1260	17	5	22
##	5464	Ens000d	8	E06000008	107	2	0	2
##	5465	Ens000e	8	E06000008	6415	1	1169	1170
##	5466	Ens000f	8	E06000008	504	31	0	31
##	5467	Ens000g	8	E06000008	17	2	0	2
##	5468	Ens000h	8	E06000008	882	1	328	329
##	5469	Ens000i	8	E06000008	160	20	4	24
##	5470	Ens000j	8	E06000008	8	1	0	1
##	5471	Ens000k	8	E06000008	44	1	0	1
##	5472	Ens000l	8	E06000008	141	0	29	29
##	5473	Ens000m	8	E06000008	947	31	1	32
##	5474	Ens000n	8	E06000008	40	1	0	1
##	5475	Ens000o	8	E06000008	198	0	70	70
##	5476	Ens000p	8	E06000008	1068	0	430	430
##	5477	Ens000q	8	E06000008	2	0	0	0
##	5478	Ens000r	8	E06000008	2020	187	1	188
##	5479	Ens000s	8	E06000008	6610	325	342	667
##	5480	Ens000t	8	E06000008	1393	66	0	66
##	5481	Ens000u	8	E06000008	303	0	49	49
##	5482	Ens000v	8	E06000008	25	3	51	54
##	5483	Ens000w	8	E06000008	33	0	4	4
##	5484	Ens000x	8	E06000008	570	12	389	401
##	5485	Ens000y	8	E06000008	2	0	0	0
##	5486	Ens000z	8	E06000008	6	0	2	2
##	5487	Ens0010	8	E06000008	40	0	43	43
##	5488	Ens0011	8	E06000008	81	0	13	13
##	5489	Ens0012	8	E06000008	8	0	1	1
##	5490	Ens0013	8	E06000008	83	0	23	23
##	5491	Ens0014	8	E06000008	160	0	35	35
##	5492	Ens0015	8	E06000008	6622	1087	78	1165
##	5493	Ens0016	8	E06000008	11	4	0	4
##	5494	Ens0017	8	E06000008	171	0	29	29
##	5495	Ens0018	8	E06000008	206	6	14	20
##	5496	Ens0019	8	E06000008	52	4	0	4
##	5497	Ens001a	8	E06000008	42	4	0	4
##	5498	Ens001b	8	E06000008	1390	29	0	29
##	5499	Ens001c	8	E06000008	4	0	0	0
##	5500	Ens001d	8	E06000008	538	0	133	133
##	5501	Ens0000	9	E06000008	402	21	0	21
##	5502	Ens0001	9	E06000008	9	1	0	1
##	5503	Ens0002	9	E06000008	4975	482	0	482
##	5504	Ens0003	9	E06000008	19	0	0	0
##	5505	Ens0004	9	E06000008	20	1	0	1
##	5506	Ens0005	9	E06000008	135	0	104	104
##	5507	Ens0006	9	E06000008	193	1	36	37
##	5508	Ens0007	9	E06000008	18	0	1	1
##	5509	Ens0008	9	E06000008	65	3	0	3
##	5510	Ens0009	9	E06000008	929	0	298	298
##	5511	Ens000a	9	E06000008	165	6	32	38
##	5512	Ens000b	9	E06000008	198	0	25	25
##	5513	Ens000c	9	E06000008	945	16	4	20
##	5514	Ens000d	9	E06000008	106	3	0	3
##	5515	Ens000e	9	E06000008	5824	5	1118	1123
##	5516	Ens000f	9	E06000008	721	53	0	53
##	5517	Ens000g	9	E06000008	14	1	0	1
##	5518	Ens000h	9	E06000008	980	0	314	314
##	5519	Ens000i	9	E06000008	158	14	4	18
##	5520	Ens000j	9	E06000008	10	0	0	0
##	5521	Ens000k	9	E06000008	56	0	0	0
##	5522	Ens000l	9	E06000008	50	0	12	12
##	5523	Ens000m	9	E06000008	885	37	0	37
##	5524	Ens000n	9	E06000008	60	7	0	7
##	5525	Ens000o	9	E06000008	204	0	90	90
##	5526	Ens000p	9	E06000008	624	0	259	259
##	5527	Ens000q	9	E06000008	1	0	0	0
##	5528	Ens000r	9	E06000008	1899	191	2	193

##	5529	Ens000s	9	E06000008	6402	285	313	598
##	5530	Ens000t	9	E06000008	1046	52	0	52
##	5531	Ens000u	9	E06000008	126	0	28	28
##	5532	Ens000v	9	E06000008	24	3	33	36
##	5533	Ens000w	9	E06000008	30	0	3	3
##	5534	Ens000x	9	E06000008	742	21	476	497
##	5535	Ens000y	9	E06000008	3	0	2	2
##	5536	Ens000z	9	E06000008	5	0	0	0
##	5537	Ens0010	9	E06000008	40	1	51	52
##	5538	Ens0011	9	E06000008	64	0	10	10
##	5539	Ens0012	9	E06000008	14	0	4	4
##	5540	Ens0013	9	E06000008	95	0	21	21
##	5541	Ens0014	9	E06000008	127	0	45	45
##	5542	Ens0015	9	E06000008	6945	1155	68	1223
##	5543	Ens0016	9	E06000008	30	1	0	1
##	5544	Ens0017	9	E06000008	148	0	28	28
##	5545	Ens0018	9	E06000008	205	5	19	24
##	5546	Ens0019	9	E06000008	56	3	0	3
##	5547	Ens001a	9	E06000008	36	0	0	0
##	5548	Ens001b	9	E06000008	1538	31	2	33
##	5549	Ens001c	9	E06000008	1	0	0	0
##	5550	Ens001d	9	E06000008	621	0	121	121
##	5551	Ens0000	10	E06000008	406	30	0	30
##	5552	Ens0001	10	E06000008	5	0	0	0
##	5553	Ens0002	10	E06000008	5150	501	0	501
##	5554	Ens0003	10	E06000008	27	0	0	0
##	5555	Ens0004	10	E06000008	11	1	0	1
##	5556	Ens0005	10	E06000008	141	0	100	100
##	5557	Ens0006	10	E06000008	130	0	35	35
##	5558	Ens0007	10	E06000008	21	0	1	1
##	5559	Ens0008	10	E06000008	86	3	0	3
##	5560	Ens0009	10	E06000008	938	0	298	298
##	5561	Ens000a	10	E06000008	149	5	30	35
##	5562	Ens000b	10	E06000008	242	0	30	30
##	5563	Ens000c	10	E06000008	1019	17	7	24
##	5564	Ens000d	10	E06000008	182	6	1	7
##	5565	Ens000e	10	E06000008	5808	6	1082	1088
##	5566	Ens000f	10	E06000008	656	47	0	47
##	5567	Ens000g	10	E06000008	24	1	0	1
##	5568	Ens000h	10	E06000008	797	0	289	289
##	5569	Ens000i	10	E06000008	130	12	0	12
##	5570	Ens000j	10	E06000008	2	0	0	0
##	5571	Ens000k	10	E06000008	43	4	0	4
##	5572	Ens000l	10	E06000008	181	0	44	44
##	5573	Ens000m	10	E06000008	1055	40	0	40
##	5574	Ens000n	10	E06000008	59	4	0	4
##	5575	Ens000o	10	E06000008	182	0	67	67
##	5576	Ens000p	10	E06000008	653	0	287	287
##	5577	Ens000q	10	E06000008	0	0	0	0
##	5578	Ens000r	10	E06000008	1876	169	1	170
##	5579	Ens000s	10	E06000008	6488	338	333	671
##	5580	Ens000t	10	E06000008	1134	58	0	58
##	5581	Ens000u	10	E06000008	153	0	35	35
##	5582	Ens000v	10	E06000008	37	4	64	68
##	5583	Ens000w	10	E06000008	23	0	4	4
##	5584	Ens000x	10	E06000008	692	16	483	499
##	5585	Ens000y	10	E06000008	1	0	0	0
##	5586	Ens000z	10	E06000008	7	0	0	0
##	5587	Ens0010	10	E06000008	36	1	35	36
##	5588	Ens0011	10	E06000008	46	0	8	8
##	5589	Ens0012	10	E06000008	11	0	4	4
##	5590	Ens0013	10	E06000008	115	1	25	26
##	5591	Ens0014	10	E06000008	116	0	30	30
##	5592	Ens0015	10	E06000008	6977	1153	61	1214
##	5593	Ens0016	10	E06000008	22	5	0	5
##	5594	Ens0017	10	E06000008	202	0	26	26
##	5595	Ens0018	10	E06000008	198	3	18	21
##	5596	Ens0019	10	E06000008	68	5	0	5
##	5597	Ens001a	10	E06000008	44	0	0	0
##	5598	Ens001b	10	E06000008	1452	33	0	33

##	5599	Ens001c	10	E06000008	4	1	0	1
##	5600	Ens001d	10	E06000008	585	0	123	123
##	5601	Ens0000	1	E06000009	197	13	0	13
##	5602	Ens0001	1	E06000009	6	0	0	0
##	5603	Ens0002	1	E06000009	4402	381	0	381
##	5604	Ens0003	1	E06000009	20	0	0	0
##	5605	Ens0004	1	E06000009	3	0	0	0
##	5606	Ens0005	1	E06000009	37	0	35	35
##	5607	Ens0006	1	E06000009	131	0	22	22
##	5608	Ens0007	1	E06000009	7	0	0	0
##	5609	Ens0008	1	E06000009	32	1	0	1
##	5610	Ens0009	1	E06000009	554	0	189	189
##	5611	Ens000a	1	E06000009	54	10	8	18
##	5612	Ens000b	1	E06000009	97	0	11	11
##	5613	Ens000c	1	E06000009	585	7	3	10
##	5614	Ens000d	1	E06000009	78	2	0	2
##	5615	Ens000e	1	E06000009	5475	0	989	989
##	5616	Ens000f	1	E06000009	362	19	0	19
##	5617	Ens000g	1	E06000009	9	1	0	1
##	5618	Ens000h	1	E06000009	591	0	195	195
##	5619	Ens000i	1	E06000009	198	25	2	27
##	5620	Ens000j	1	E06000009	4	0	0	0
##	5621	Ens000k	1	E06000009	24	1	0	1
##	5622	Ens000l	1	E06000009	22	0	4	4
##	5623	Ens000m	1	E06000009	804	34	0	34
##	5624	Ens000n	1	E06000009	24	4	0	4
##	5625	Ens000o	1	E06000009	463	0	140	140
##	5626	Ens000p	1	E06000009	300	0	114	114
##	5627	Ens000q	1	E06000009	6	1	0	1
##	5628	Ens000r	1	E06000009	1357	110	0	110
##	5629	Ens000s	1	E06000009	5763	246	310	556
##	5630	Ens000t	1	E06000009	554	29	0	29
##	5631	Ens000u	1	E06000009	106	0	31	31
##	5632	Ens000v	1	E06000009	22	2	25	27
##	5633	Ens000w	1	E06000009	15	0	7	7
##	5634	Ens000x	1	E06000009	324	14	193	207
##	5635	Ens000y	1	E06000009	0	0	0	0
##	5636	Ens000z	1	E06000009	3	0	2	2
##	5637	Ens0010	1	E06000009	22	0	14	14
##	5638	Ens0011	1	E06000009	65	0	13	13
##	5639	Ens0012	1	E06000009	14	1	3	4
##	5640	Ens0013	1	E06000009	57	0	10	10
##	5641	Ens0014	1	E06000009	80	0	24	24
##	5642	Ens0015	1	E06000009	6394	901	56	957
##	5643	Ens0016	1	E06000009	8	1	0	1
##	5644	Ens0017	1	E06000009	113	0	18	18
##	5645	Ens0018	1	E06000009	136	2	9	11
##	5646	Ens0019	1	E06000009	21	2	0	2
##	5647	Ens001a	1	E06000009	21	1	0	1
##	5648	Ens001b	1	E06000009	1111	19	0	19
##	5649	Ens001c	1	E06000009	2	0	0	0
##	5650	Ens001d	1	E06000009	464	1	84	85
##	5651	Ens001e	1	E06000009	76	0	24	24
##	5652	Ens001f	1	E06000009	16	0	0	0
##	5653	Ens001g	1	E06000009	1106	0	420	420
##	5654	Ens001h	1	E06000009	646	13	39	52
##	5655	Ens001i	1	E06000009	5	0	0	0
##	5656	Ens001j	1	E06000009	20	0	0	0
##	5657	Ens001k	1	E06000009	4	0	0	0
##	5658	Ens001l	1	E06000009	15	0	1	1
##	5659	Ens001m	1	E06000009	117	6	3	9
##	5660	Ens001n	1	E06000009	327	11	5	16
##	5661	Ens001o	1	E06000009	17	0	4	4
##	5662	Ens001p	1	E06000009	1472	142	0	142
##	5663	Ens001q	1	E06000009	529	16	0	16
##	5664	Ens001r	1	E06000009	864	30	0	30
##	5665	Ens001s	1	E06000009	53	0	10	10
##	5666	Ens001t	1	E06000009	5	0	0	0
##	5667	Ens001u	1	E06000009	26	3	0	3
##	5668	Ens001v	1	E06000009	605	22	0	22

##	5669	Ens001w	1	E06000009	316	16	0	16
##	5670	Ens001x	1	E06000009	5	0	0	0
##	5671	Ens001y	1	E06000009	3015	396	0	396
##	5672	Ens001z	1	E06000009	2	0	0	0
##	5673	Ens0020	1	E06000009	39	3	0	3
##	5674	Ens0021	1	E06000009	123	2	25	27
##	5675	Ens0022	1	E06000009	129	2	0	2
##	5676	Ens0023	1	E06000009	2674	296	0	296
##	5677	Ens0024	1	E06000009	13	0	0	0
##	5678	Ens0025	1	E06000009	29	2	0	2
##	5679	Ens0026	1	E06000009	3908	0	915	915
##	5680	Ens0027	1	E06000009	18	0	1	1
##	5681	Ens0028	1	E06000009	4	1	0	1
##	5682	Ens0029	1	E06000009	475	22	114	136
##	5683	Ens002a	1	E06000009	82	0	15	15
##	5684	Ens002b	1	E06000009	932	24	0	24
##	5685	Ens002c	1	E06000009	125	0	42	42
##	5686	Ens002d	1	E06000009	19	0	0	0
##	5687	Ens002e	1	E06000009	198	0	90	90
##	5688	Ens002f	1	E06000009	46	1	37	38
##	5689	Ens002g	1	E06000009	815	37	0	37
##	5690	Ens002h	1	E06000009	889	0	184	184
##	5691	Ens002i	1	E06000009	2625	40	0	40
##	5692	Ens002j	1	E06000009	12	0	2	2
##	5693	Ens002k	1	E06000009	0	0	0	0
##	5694	Ens002l	1	E06000009	100	11	0	11
##	5695	Ens002m	1	E06000009	118	6	0	6
##	5696	Ens002n	1	E06000009	63	8	8	16
##	5697	Ens002o	1	E06000009	319	12	19	31
##	5698	Ens002p	1	E06000009	92	7	0	7
##	5699	Ens002q	1	E06000009	1	0	3	3
##	5700	Ens002r	1	E06000009	2	0	0	0
##	5701	Ens002s	1	E06000009	316	11	0	11
##	5702	Ens002t	1	E06000009	2882	354	1	355
##	5703	Ens002u	1	E06000009	93	6	0	6
##	5704	Ens002v	1	E06000009	19	4	0	4
##	5705	Ens002w	1	E06000009	2096	94	0	94
##	5706	Ens002x	1	E06000009	1408	95	0	95
##	5707	Ens002y	1	E06000009	331	11	70	81
##	5708	Ens002z	1	E06000009	1554	0	281	281
##	5709	Ens0030	1	E06000009	3747	0	454	454
##	5710	Ens0031	1	E06000009	54	0	8	8
##	5711	Ens0032	1	E06000009	348	18	1	19
##	5712	Ens0033	1	E06000009	4068	149	12	161
##	5713	Ens0034	1	E06000009	61	0	5	5
##	5714	Ens0035	1	E06000009	739	44	3	47
##	5715	Ens0036	1	E06000009	16	0	1	1
##	5716	Ens0037	1	E06000009	31	3	0	3
##	5717	Ens0038	1	E06000009	1438	0	378	378
##	5718	Ens0039	1	E06000009	33	0	7	7
##	5719	Ens003a	1	E06000009	1077	85	0	85
##	5720	Ens003b	1	E06000009	6	2	0	2
##	5721	Ens003c	1	E06000009	31	0	8	8
##	5722	Ens003d	1	E06000009	37	0	0	0
##	5723	Ens003e	1	E06000009	5200	0	963	963
##	5724	Ens003f	1	E06000009	25	0	4	4
##	5725	Ens003g	1	E06000009	14	0	3	3
##	5726	Ens003h	1	E06000009	14	0	0	0
##	5727	Ens003i	1	E06000009	53	0	18	18
##	5728	Ens003j	1	E06000009	1	0	4	4
##	5729	Ens003k	1	E06000009	52	2	4	6
##	5730	Ens003l	1	E06000009	1	0	0	0
##	5731	Ens003m	1	E06000009	4	0	2	2
##	5732	Ens003n	1	E06000009	2	0	0	0
##	5733	Ens003o	1	E06000009	4	1	0	1
##	5734	Ens003p	1	E06000009	41	3	0	3
##	5735	Ens003q	1	E06000009	31	0	0	0
##	5736	Ens003r	1	E06000009	44	2	4	6
##	5737	Ens003s	1	E06000009	1	0	0	0
##	5738	Ens003t	1	E06000009	25	1	0	1

##	5739	Ens003u	1	E06000009	697	9	26	35
##	5740	Ens003v	1	E06000009	4	0	0	0
##	5741	Ens003w	1	E06000009	2943	64	480	544
##	5742	Ens003x	1	E06000009	1	0	0	0
##	5743	Ens003y	1	E06000009	377	11	2	13
##	5744	Ens003z	1	E06000009	444	23	0	23
##	5745	Ens0040	1	E06000009	11	0	3	3
##	5746	Ens0041	1	E06000009	49	3	0	3
##	5747	Ens0042	1	E06000009	2	0	0	0
##	5748	Ens0043	1	E06000009	11	0	3	3
##	5749	Ens0044	1	E06000009	3542	64	3	67
##	5750	Ens0045	1	E06000009	240	6	12	18
##	5751	Ens0046	1	E06000009	2248	183	0	183
##	5752	Ens0047	1	E06000009	412	0	124	124
##	5753	Ens0048	1	E06000009	347	13	0	13
##	5754	Ens0049	1	E06000009	2	1	0	1
##	5755	Ens004a	1	E06000009	241	0	80	80
##	5756	Ens004b	1	E06000009	11	0	1	1
##	5757	Ens004c	1	E06000009	0	0	0	0
##	5758	Ens004d	1	E06000009	6	0	0	0
##	5759	Ens004e	1	E06000009	899	0	130	130
##	5760	Ens004f	1	E06000009	4	0	1	1
##	5761	Ens004g	1	E06000009	189	0	71	71
##	5762	Ens004h	1	E06000009	2994	0	246	246
##	5763	Ens004i	1	E06000009	76	0	35	35
##	5764	Ens004j	1	E06000009	3	0	0	0
##	5765	Ens004k	1	E06000009	6705	541	0	541
##	5766	Ens004l	1	E06000009	43	0	40	40
##	5767	Ens004m	1	E06000009	4	0	0	0
##	5768	Ens004n	1	E06000009	2	0	0	0
##	5769	Ens004o	1	E06000009	41	1	0	1
##	5770	Ens004p	1	E06000009	5	0	1	1
##	5771	Ens004q	1	E06000009	849	7	4	11
##	5772	Ens004r	1	E06000009	16	2	0	2
##	5773	Ens004s	1	E06000009	10	0	6	6
##	5774	Ens004t	1	E06000009	12	0	0	0
##	5775	Ens004u	1	E06000009	54	1	0	1
##	5776	Ens004v	1	E06000009	302	11	1	12
##	5777	Ens004w	1	E06000009	15	0	0	0
##	5778	Ens004x	1	E06000009	1108	0	314	314
##	5779	Ens004y	1	E06000009	12	0	4	4
##	5780	Ens004z	1	E06000009	82	1	29	30
##	5781	Ens0050	1	E06000009	1	0	0	0
##	5782	Ens0051	1	E06000009	60	2	0	2
##	5783	Ens0052	1	E06000009	13	0	0	0
##	5784	Ens0053	1	E06000009	5062	347	42	389
##	5785	Ens0054	1	E06000009	11	0	4	4
##	5786	Ens0055	1	E06000009	204	8	2	10
##	5787	Ens0056	1	E06000009	3400	61	0	61
##	5788	Ens0057	1	E06000009	1480	86	1	87
##	5789	Ens0058	1	E06000009	755	4	178	182
##	5790	Ens0059	1	E06000009	107	6	0	6
##	5791	Ens005a	1	E06000009	2981	0	900	900
##	5792	Ens005b	1	E06000009	312	0	71	71
##	5793	Ens005c	1	E06000009	10	1	0	1
##	5794	Ens005d	1	E06000009	15	1	0	1
##	5795	Ens005e	1	E06000009	241	3	63	66
##	5796	Ens005f	1	E06000009	1104	0	99	99
##	5797	Ens005g	1	E06000009	118	0	3	3
##	5798	Ens005h	1	E06000009	4	0	1	1
##	5799	Ens005i	1	E06000009	7	1	0	1
##	5800	Ens005j	1	E06000009	194	18	1	19
##	5801	Ens005k	1	E06000009	162	9	0	9
##	5802	Ens005l	1	E06000009	4	0	1	1
##	5803	Ens005m	1	E06000009	24	0	1	1
##	5804	Ens005n	1	E06000009	52	0	0	0
##	5805	Ens005o	1	E06000009	553	0	265	265
##	5806	Ens005p	1	E06000009	144	0	26	26
##	5807	Ens005q	1	E06000009	2	0	0	0
##	5808	Ens005r	1	E06000009	10	4	0	4

##	5809	Ens005s	1	E06000009	4	0	0	0
##	5810	Ens005t	1	E06000009	973	0	2190	2190
##	5811	Ens005u	1	E06000009	63	4	0	4
##	5812	Ens005v	1	E06000009	44	1	30	31
##	5813	Ens005w	1	E06000009	550	0	320	320
##	5814	Ens005x	1	E06000009	18	0	1	1
##	5815	Ens005y	1	E06000009	407	20	1	21
##	5816	Ens005z	1	E06000009	130	0	28	28
##	5817	Ens0060	1	E06000009	110	1	0	1
##	5818	Ens0061	1	E06000009	2380	198	14	212
##	5819	Ens0062	1	E06000009	1573	0	427	427
##	5820	Ens0063	1	E06000009	44	0	0	0
##	5821	Ens0064	1	E06000009	1826	93	98	191
##	5822	Ens0065	1	E06000009	4	0	0	0
##	5823	Ens0066	1	E06000009	151	5	15	20
##	5824	Ens0067	1	E06000009	1	0	0	0
##	5825	Ens0068	1	E06000009	1	0	0	0
##	5826	Ens0069	1	E06000009	20	0	0	0
##	5827	Ens006a	1	E06000009	130	4	0	4
##	5828	Ens006b	1	E06000009	932	48	0	48
##	5829	Ens006c	1	E06000009	3553	661	9	670
##	5830	Ens006d	1	E06000009	1475	0	572	572
##	5831	Ens006e	1	E06000009	302	34	7	41
##	5832	Ens006f	1	E06000009	2518	0	461	461
##	5833	Ens006g	1	E06000009	4533	664	0	664
##	5834	Ens006h	1	E06000009	138	0	21	21
##	5835	Ens006i	1	E06000009	1228	30	0	30
##	5836	Ens006j	1	E06000009	3	0	0	0
##	5837	Ens006k	1	E06000009	242	10	0	10
##	5838	Ens006l	1	E06000009	150	2	37	39
##	5839	Ens006m	1	E06000009	3966	225	0	225
##	5840	Ens006n	1	E06000009	45	2	0	2
##	5841	Ens006o	1	E06000009	190	4	1	5
##	5842	Ens006p	1	E06000009	2	0	1	1
##	5843	Ens006q	1	E06000009	36	0	21	21
##	5844	Ens006r	1	E06000009	88	0	23	23
##	5845	Ens006s	1	E06000009	63	0	61	61
##	5846	Ens006t	1	E06000009	17	0	6	6
##	5847	Ens006u	1	E06000009	1	0	0	0
##	5848	Ens006v	1	E06000009	30	0	5	5
##	5849	Ens006w	1	E06000009	2	0	0	0
##	5850	Ens006x	1	E06000009	69	0	0	0
##	5851	Ens0000	2	E06000009	319	15	0	15
##	5852	Ens0001	2	E06000009	2	0	0	0
##	5853	Ens0002	2	E06000009	4431	397	0	397
##	5854	Ens0003	2	E06000009	7	0	1	1
##	5855	Ens0004	2	E06000009	9	0	0	0
##	5856	Ens0005	2	E06000009	54	0	37	37
##	5857	Ens0006	2	E06000009	111	0	21	21
##	5858	Ens0007	2	E06000009	9	0	1	1
##	5859	Ens0008	2	E06000009	34	0	0	0
##	5860	Ens0009	2	E06000009	633	0	208	208
##	5861	Ens000a	2	E06000009	88	5	9	14
##	5862	Ens000b	2	E06000009	94	0	16	16
##	5863	Ens000c	2	E06000009	879	19	0	19
##	5864	Ens000d	2	E06000009	60	3	0	3
##	5865	Ens000e	2	E06000009	5960	5	1116	1121
##	5866	Ens000f	2	E06000009	434	31	0	31
##	5867	Ens000g	2	E06000009	24	1	0	1
##	5868	Ens000h	2	E06000009	843	0	277	277
##	5869	Ens000i	2	E06000009	102	9	1	10
##	5870	Ens000j	2	E06000009	6	1	0	1
##	5871	Ens000k	2	E06000009	38	5	0	5
##	5872	Ens000l	2	E06000009	35	0	8	8
##	5873	Ens000m	2	E06000009	838	27	0	27
##	5874	Ens000n	2	E06000009	25	3	0	3
##	5875	Ens000o	2	E06000009	81	0	32	32
##	5876	Ens000p	2	E06000009	462	0	191	191
##	5877	Ens000q	2	E06000009	3	0	0	0
##	5878	Ens000r	2	E06000009	1398	120	2	122

##	5879	Ens000s	2	E06000009	6008	285	292	577
##	5880	Ens000t	2	E06000009	717	34	0	34
##	5881	Ens000u	2	E06000009	145	0	38	38
##	5882	Ens000v	2	E06000009	21	3	16	19
##	5883	Ens000w	2	E06000009	18	0	3	3
##	5884	Ens000x	2	E06000009	297	10	210	220
##	5885	Ens000y	2	E06000009	0	0	0	0
##	5886	Ens000z	2	E06000009	1	0	0	0
##	5887	Ens0010	2	E06000009	17	0	20	20
##	5888	Ens0011	2	E06000009	43	0	11	11
##	5889	Ens0012	2	E06000009	2	0	1	1
##	5890	Ens0013	2	E06000009	49	0	13	13
##	5891	Ens0014	2	E06000009	133	0	39	39
##	5892	Ens0015	2	E06000009	6488	966	76	1042
##	5893	Ens0016	2	E06000009	7	0	0	0
##	5894	Ens0017	2	E06000009	72	0	7	7
##	5895	Ens0018	2	E06000009	118	3	9	12
##	5896	Ens0019	2	E06000009	30	2	0	2
##	5897	Ens001a	2	E06000009	25	1	0	1
##	5898	Ens001b	2	E06000009	1055	35	0	35
##	5899	Ens001c	2	E06000009	6	0	0	0
##	5900	Ens001d	2	E06000009	552	2	91	93
##	5901	Ens0000	3	E06000009	231	8	0	8
##	5902	Ens0001	3	E06000009	1	0	0	0
##	5903	Ens0002	3	E06000009	4639	439	0	439
##	5904	Ens0003	3	E06000009	7	0	0	0
##	5905	Ens0004	3	E06000009	16	0	0	0
##	5906	Ens0005	3	E06000009	69	0	57	57
##	5907	Ens0006	3	E06000009	104	0	17	17
##	5908	Ens0007	3	E06000009	7	0	1	1
##	5909	Ens0008	3	E06000009	38	2	0	2
##	5910	Ens0009	3	E06000009	527	0	173	173
##	5911	Ens000a	3	E06000009	125	9	25	34
##	5912	Ens000b	3	E06000009	224	0	39	39
##	5913	Ens000c	3	E06000009	783	18	5	23
##	5914	Ens000d	3	E06000009	75	1	0	1
##	5915	Ens000e	3	E06000009	6028	2	1141	1143
##	5916	Ens000f	3	E06000009	1255	127	0	127
##	5917	Ens000g	3	E06000009	14	0	0	0
##	5918	Ens000h	3	E06000009	606	0	232	232
##	5919	Ens000i	3	E06000009	81	8	0	8
##	5920	Ens000j	3	E06000009	2	0	0	0
##	5921	Ens000k	3	E06000009	25	1	0	1
##	5922	Ens000l	3	E06000009	26	0	11	11
##	5923	Ens000m	3	E06000009	806	33	0	33
##	5924	Ens000n	3	E06000009	31	5	0	5
##	5925	Ens000o	3	E06000009	119	0	36	36
##	5926	Ens000p	3	E06000009	469	0	192	192
##	5927	Ens000q	3	E06000009	2	0	0	0
##	5928	Ens000r	3	E06000009	1418	118	0	118
##	5929	Ens000s	3	E06000009	5314	216	265	481
##	5930	Ens000t	3	E06000009	709	26	0	26
##	5931	Ens000u	3	E06000009	113	0	20	20
##	5932	Ens000v	3	E06000009	30	2	39	41
##	5933	Ens000w	3	E06000009	22	0	1	1
##	5934	Ens000x	3	E06000009	458	16	370	386
##	5935	Ens000y	3	E06000009	0	0	0	0
##	5936	Ens000z	3	E06000009	4	0	0	0
##	5937	Ens0010	3	E06000009	15	1	15	16
##	5938	Ens0011	3	E06000009	42	0	11	11
##	5939	Ens0012	3	E06000009	1	0	0	0
##	5940	Ens0013	3	E06000009	72	0	24	24
##	5941	Ens0014	3	E06000009	65	0	19	19
##	5942	Ens0015	3	E06000009	6659	1081	87	1168
##	5943	Ens0016	3	E06000009	2	0	0	0
##	5944	Ens0017	3	E06000009	59	0	7	7
##	5945	Ens0018	3	E06000009	137	2	15	17
##	5946	Ens0019	3	E06000009	33	2	0	2
##	5947	Ens001a	3	E06000009	26	0	0	0
##	5948	Ens001b	3	E06000009	1265	36	0	36

##	5949	Ens001c	3	E06000009	2	0	0	0
##	5950	Ens001d	3	E06000009	466	0	93	93
##	5951	Ens0000	4	E06000009	296	20	0	20
##	5952	Ens0001	4	E06000009	4	0	0	0
##	5953	Ens0002	4	E06000009	4665	421	0	421
##	5954	Ens0003	4	E06000009	21	1	1	2
##	5955	Ens0004	4	E06000009	5	1	0	1
##	5956	Ens0005	4	E06000009	64	0	46	46
##	5957	Ens0006	4	E06000009	161	0	35	35
##	5958	Ens0007	4	E06000009	3	0	4	4
##	5959	Ens0008	4	E06000009	37	2	0	2
##	5960	Ens0009	4	E06000009	531	0	167	167
##	5961	Ens000a	4	E06000009	125	7	15	22
##	5962	Ens000b	4	E06000009	107	0	19	19
##	5963	Ens000c	4	E06000009	760	19	4	23
##	5964	Ens000d	4	E06000009	50	1	0	1
##	5965	Ens000e	4	E06000009	4634	0	861	861
##	5966	Ens000f	4	E06000009	419	30	0	30
##	5967	Ens000g	4	E06000009	12	1	0	1
##	5968	Ens000h	4	E06000009	782	0	318	318
##	5969	Ens000i	4	E06000009	76	9	1	10
##	5970	Ens000j	4	E06000009	4	0	0	0
##	5971	Ens000k	4	E06000009	26	1	0	1
##	5972	Ens000l	4	E06000009	85	0	18	18
##	5973	Ens000m	4	E06000009	571	16	0	16
##	5974	Ens000n	4	E06000009	26	1	0	1
##	5975	Ens000o	4	E06000009	101	0	54	54
##	5976	Ens000p	4	E06000009	647	0	292	292
##	5977	Ens000q	4	E06000009	0	0	0	0
##	5978	Ens000r	4	E06000009	1327	108	0	108
##	5979	Ens000s	4	E06000009	5529	215	285	500
##	5980	Ens000t	4	E06000009	560	24	0	24
##	5981	Ens000u	4	E06000009	80	0	20	20
##	5982	Ens000v	4	E06000009	23	1	25	26
##	5983	Ens000w	4	E06000009	16	0	5	5
##	5984	Ens000x	4	E06000009	808	25	574	599
##	5985	Ens000y	4	E06000009	0	0	0	0
##	5986	Ens000z	4	E06000009	4	0	1	1
##	5987	Ens0010	4	E06000009	23	2	28	30
##	5988	Ens0011	4	E06000009	33	0	8	8
##	5989	Ens0012	4	E06000009	5	0	1	1
##	5990	Ens0013	4	E06000009	83	1	26	27
##	5991	Ens0014	4	E06000009	74	0	25	25
##	5992	Ens0015	4	E06000009	6476	1033	66	1099
##	5993	Ens0016	4	E06000009	5	1	0	1
##	5994	Ens0017	4	E06000009	77	0	8	8
##	5995	Ens0018	4	E06000009	111	4	7	11
##	5996	Ens0019	4	E06000009	36	4	0	4
##	5997	Ens001a	4	E06000009	22	2	0	2
##	5998	Ens001b	4	E06000009	912	18	0	18
##	5999	Ens001c	4	E06000009	6	1	0	1
##	6000	Ens001d	4	E06000009	517	1	101	102
##	6001	Ens0000	5	E06000009	240	12	0	12
##	6002	Ens0001	5	E06000009	5	0	0	0
##	6003	Ens0002	5	E06000009	4308	360	0	360
##	6004	Ens0003	5	E06000009	25	0	0	0
##	6005	Ens0004	5	E06000009	3	0	0	0
##	6006	Ens0005	5	E06000009	51	0	38	38
##	6007	Ens0006	5	E06000009	88	0	12	12
##	6008	Ens0007	5	E06000009	15	0	3	3
##	6009	Ens0008	5	E06000009	79	1	0	1
##	6010	Ens0009	5	E06000009	540	0	185	185
##	6011	Ens000a	5	E06000009	122	8	16	24
##	6012	Ens000b	5	E06000009	101	0	14	14
##	6013	Ens000c	5	E06000009	575	12	2	14
##	6014	Ens000d	5	E06000009	66	0	0	0
##	6015	Ens000e	5	E06000009	4787	1	858	859
##	6016	Ens000f	5	E06000009	376	23	0	23
##	6017	Ens000g	5	E06000009	4	0	0	0
##	6018	Ens000h	5	E06000009	655	0	248	248



##	6019	Ens000i	5	E06000009	78	9	0	9
##	6020	Ens000j	5	E06000009	5	0	0	0
##	6021	Ens000k	5	E06000009	26	0	0	0
##	6022	Ens000l	5	E06000009	11	0	2	2
##	6023	Ens000m	5	E06000009	683	20	0	20
##	6024	Ens000n	5	E06000009	58	4	0	4
##	6025	Ens000o	5	E06000009	99	0	47	47
##	6026	Ens000p	5	E06000009	557	0	215	215
##	6027	Ens000q	5	E06000009	0	0	0	0
##	6028	Ens000r	5	E06000009	1298	101	1	102
##	6029	Ens000s	5	E06000009	5488	251	276	527
##	6030	Ens000t	5	E06000009	649	30	1	31
##	6031	Ens000u	5	E06000009	103	0	21	21
##	6032	Ens000v	5	E06000009	27	2	32	34
##	6033	Ens000w	5	E06000009	46	0	7	7
##	6034	Ens000x	5	E06000009	703	22	475	497
##	6035	Ens000y	5	E06000009	0	0	0	0
##	6036	Ens000z	5	E06000009	2	0	0	0
##	6037	Ens0010	5	E06000009	24	2	28	30
##	6038	Ens0011	5	E06000009	27	0	8	8
##	6039	Ens0012	5	E06000009	1	0	3	3
##	6040	Ens0013	5	E06000009	47	0	13	13
##	6041	Ens0014	5	E06000009	175	0	52	52
##	6042	Ens0015	5	E06000009	6273	919	65	984
##	6043	Ens0016	5	E06000009	11	1	0	1
##	6044	Ens0017	5	E06000009	86	0	19	19
##	6045	Ens0018	5	E06000009	145	4	11	15
##	6046	Ens0019	5	E06000009	18	1	0	1
##	6047	Ens001a	5	E06000009	46	2	0	2
##	6048	Ens001b	5	E06000009	1003	22	0	22
##	6049	Ens001c	5	E06000009	3	0	0	0
##	6050	Ens001d	5	E06000009	392	0	64	64
##	6051	Ens0000	6	E06000009	320	13	0	13
##	6052	Ens0001	6	E06000009	3	0	0	0
##	6053	Ens0002	6	E06000009	4434	354	0	354
##	6054	Ens0003	6	E06000009	5	1	0	1
##	6055	Ens0004	6	E06000009	41	3	0	3
##	6056	Ens0005	6	E06000009	58	0	29	29
##	6057	Ens0006	6	E06000009	99	0	20	20
##	6058	Ens0007	6	E06000009	17	0	1	1
##	6059	Ens0008	6	E06000009	39	3	0	3
##	6060	Ens0009	6	E06000009	787	0	243	243
##	6061	Ens000a	6	E06000009	75	5	14	19
##	6062	Ens000b	6	E06000009	148	0	14	14
##	6063	Ens000c	6	E06000009	693	10	3	13
##	6064	Ens000d	6	E06000009	70	1	0	1
##	6065	Ens000e	6	E06000009	5181	3	986	989
##	6066	Ens000f	6	E06000009	477	38	0	38
##	6067	Ens000g	6	E06000009	6	0	0	0
##	6068	Ens000h	6	E06000009	541	0	200	200
##	6069	Ens000i	6	E06000009	65	6	0	6
##	6070	Ens000j	6	E06000009	3	0	0	0
##	6071	Ens000k	6	E06000009	32	1	0	1
##	6072	Ens000l	6	E06000009	29	0	6	6
##	6073	Ens000m	6	E06000009	749	22	0	22
##	6074	Ens000n	6	E06000009	24	2	0	2
##	6075	Ens000o	6	E06000009	254	0	93	93
##	6076	Ens000p	6	E06000009	715	0	310	310
##	6077	Ens000q	6	E06000009	1	0	0	0
##	6078	Ens000r	6	E06000009	1435	123	1	124
##	6079	Ens000s	6	E06000009	5721	257	295	552
##	6080	Ens000t	6	E06000009	594	27	1	28
##	6081	Ens000u	6	E06000009	110	0	24	24
##	6082	Ens000v	6	E06000009	15	1	33	34
##	6083	Ens000w	6	E06000009	22	0	7	7
##	6084	Ens000x	6	E06000009	412	16	335	351
##	6085	Ens000y	6	E06000009	0	0	0	0
##	6086	Ens000z	6	E06000009	3	0	1	1
##	6087	Ens0010	6	E06000009	15	0	27	27
##	6088	Ens0011	6	E06000009	41	0	6	6

##	6089	Ens0012	6	E06000009	6	1	2	3
##	6090	Ens0013	6	E06000009	39	0	10	10
##	6091	Ens0014	6	E06000009	80	0	26	26
##	6092	Ens0015	6	E06000009	6654	1022	61	1083
##	6093	Ens0016	6	E06000009	8	0	0	0
##	6094	Ens0017	6	E06000009	70	0	13	13
##	6095	Ens0018	6	E06000009	201	0	18	18
##	6096	Ens0019	6	E06000009	34	4	0	4
##	6097	Ens001a	6	E06000009	30	1	0	1
##	6098	Ens001b	6	E06000009	1476	33	0	33
##	6099	Ens001c	6	E06000009	4	0	0	0
##	6100	Ens001d	6	E06000009	393	1	71	72
##	6101	Ens0000	7	E06000009	222	11	0	11
##	6102	Ens0001	7	E06000009	1	0	0	0
##	6103	Ens0002	7	E06000009	4250	365	0	365
##	6104	Ens0003	7	E06000009	11	1	0	1
##	6105	Ens0004	7	E06000009	14	2	0	2
##	6106	Ens0005	7	E06000009	50	0	30	30
##	6107	Ens0006	7	E06000009	116	0	24	24
##	6108	Ens0007	7	E06000009	12	0	3	3
##	6109	Ens0008	7	E06000009	52	0	0	0
##	6110	Ens0009	7	E06000009	615	0	190	190
##	6111	Ens000a	7	E06000009	72	10	11	21
##	6112	Ens000b	7	E06000009	99	0	18	18
##	6113	Ens000c	7	E06000009	606	8	1	9
##	6114	Ens000d	7	E06000009	71	0	0	0
##	6115	Ens000e	7	E06000009	5141	3	901	904
##	6116	Ens000f	7	E06000009	526	33	0	33
##	6117	Ens000g	7	E06000009	19	2	0	2
##	6118	Ens000h	7	E06000009	768	2	265	267
##	6119	Ens000i	7	E06000009	114	7	0	7
##	6120	Ens000j	7	E06000009	2	1	0	1
##	6121	Ens000k	7	E06000009	72	3	0	3
##	6122	Ens000l	7	E06000009	34	0	10	10
##	6123	Ens000m	7	E06000009	672	19	0	19
##	6124	Ens000n	7	E06000009	21	2	0	2
##	6125	Ens000o	7	E06000009	68	0	36	36
##	6126	Ens000p	7	E06000009	585	0	255	255
##	6127	Ens000q	7	E06000009	1	0	0	0
##	6128	Ens000r	7	E06000009	1479	124	0	124
##	6129	Ens000s	7	E06000009	7281	430	361	791
##	6130	Ens000t	7	E06000009	612	23	1	24
##	6131	Ens000u	7	E06000009	103	0	24	24
##	6132	Ens000v	7	E06000009	14	0	20	20
##	6133	Ens000w	7	E06000009	18	0	5	5
##	6134	Ens000x	7	E06000009	588	19	439	458
##	6135	Ens000y	7	E06000009	0	0	0	0
##	6136	Ens000z	7	E06000009	1	0	1	1
##	6137	Ens0010	7	E06000009	26	1	8	9
##	6138	Ens0011	7	E06000009	42	0	9	9
##	6139	Ens0012	7	E06000009	4	0	0	0
##	6140	Ens0013	7	E06000009	44	0	8	8
##	6141	Ens0014	7	E06000009	107	0	40	40
##	6142	Ens0015	7	E06000009	6517	1003	64	1067
##	6143	Ens0016	7	E06000009	7	0	0	0
##	6144	Ens0017	7	E06000009	105	0	18	18
##	6145	Ens0018	7	E06000009	128	2	15	17
##	6146	Ens0019	7	E06000009	20	2	0	2
##	6147	Ens001a	7	E06000009	24	0	0	0
##	6148	Ens001b	7	E06000009	1473	37	0	37
##	6149	Ens001c	7	E06000009	4	0	0	0
##	6150	Ens001d	7	E06000009	421	0	66	66
##	6151	Ens0000	8	E06000009	236	15	0	15
##	6152	Ens0001	8	E06000009	1	0	0	0
##	6153	Ens0002	8	E06000009	4480	397	0	397
##	6154	Ens0003	8	E06000009	13	0	0	0
##	6155	Ens0004	8	E06000009	20	0	0	0
##	6156	Ens0005	8	E06000009	45	0	28	28
##	6157	Ens0006	8	E06000009	78	0	28	28
##	6158	Ens0007	8	E06000009	7	0	1	1

##	6159	Ens0008	8	E06000009	30	1	0	1
##	6160	Ens0009	8	E06000009	631	0	183	183
##	6161	Ens000a	8	E06000009	107	6	13	19
##	6162	Ens000b	8	E06000009	101	0	23	23
##	6163	Ens000c	8	E06000009	569	6	2	8
##	6164	Ens000d	8	E06000009	48	1	0	1
##	6165	Ens000e	8	E06000009	6691	5	1269	1274
##	6166	Ens000f	8	E06000009	348	30	0	30
##	6167	Ens000g	8	E06000009	6	0	0	0
##	6168	Ens000h	8	E06000009	551	1	212	213
##	6169	Ens000i	8	E06000009	92	11	0	11
##	6170	Ens000j	8	E06000009	3	1	0	1
##	6171	Ens000k	8	E06000009	61	1	0	1
##	6172	Ens000l	8	E06000009	18	0	6	6
##	6173	Ens000m	8	E06000009	689	36	0	36
##	6174	Ens000n	8	E06000009	24	2	0	2
##	6175	Ens000o	8	E06000009	111	0	35	35
##	6176	Ens000p	8	E06000009	487	0	211	211
##	6177	Ens000q	8	E06000009	2	0	0	0
##	6178	Ens000r	8	E06000009	1809	172	2	174
##	6179	Ens000s	8	E06000009	5792	264	269	533
##	6180	Ens000t	8	E06000009	504	22	0	22
##	6181	Ens000u	8	E06000009	104	0	21	21
##	6182	Ens000v	8	E06000009	18	1	20	21
##	6183	Ens000w	8	E06000009	19	0	4	4
##	6184	Ens000x	8	E06000009	340	14	248	262
##	6185	Ens000y	8	E06000009	0	0	0	0
##	6186	Ens000z	8	E06000009	3	0	0	0
##	6187	Ens0010	8	E06000009	24	1	16	17
##	6188	Ens0011	8	E06000009	35	0	11	11
##	6189	Ens0012	8	E06000009	4	0	0	0
##	6190	Ens0013	8	E06000009	39	1	11	12
##	6191	Ens0014	8	E06000009	58	0	14	14
##	6192	Ens0015	8	E06000009	6758	1172	60	1232
##	6193	Ens0016	8	E06000009	11	1	0	1
##	6194	Ens0017	8	E06000009	71	0	13	13
##	6195	Ens0018	8	E06000009	168	1	16	17
##	6196	Ens0019	8	E06000009	32	2	0	2
##	6197	Ens001a	8	E06000009	28	0	0	0
##	6198	Ens001b	8	E06000009	1125	31	0	31
##	6199	Ens001c	8	E06000009	11	0	0	0
##	6200	Ens001d	8	E06000009	418	1	74	75
##	6201	Ens0000	9	E06000009	403	28	0	28
##	6202	Ens0001	9	E06000009	4	1	0	1
##	6203	Ens0002	9	E06000009	4499	410	0	410
##	6204	Ens0003	9	E06000009	8	0	0	0
##	6205	Ens0004	9	E06000009	6	0	0	0
##	6206	Ens0005	9	E06000009	62	0	32	32
##	6207	Ens0006	9	E06000009	110	0	25	25
##	6208	Ens0007	9	E06000009	5	0	2	2
##	6209	Ens0008	9	E06000009	31	1	0	1
##	6210	Ens0009	9	E06000009	649	0	240	240
##	6211	Ens000a	9	E06000009	61	4	17	21
##	6212	Ens000b	9	E06000009	115	0	22	22
##	6213	Ens000c	9	E06000009	636	11	2	13
##	6214	Ens000d	9	E06000009	63	3	0	3
##	6215	Ens000e	9	E06000009	5399	1	933	934
##	6216	Ens000f	9	E06000009	448	34	0	34
##	6217	Ens000g	9	E06000009	14	1	0	1
##	6218	Ens000h	9	E06000009	694	1	228	229
##	6219	Ens000i	9	E06000009	53	2	1	3
##	6220	Ens000j	9	E06000009	1	0	0	0
##	6221	Ens000k	9	E06000009	34	5	0	5
##	6222	Ens000l	9	E06000009	19	0	0	0
##	6223	Ens000m	9	E06000009	650	25	0	25
##	6224	Ens000n	9	E06000009	26	2	0	2
##	6225	Ens000o	9	E06000009	101	0	52	52
##	6226	Ens000p	9	E06000009	566	0	254	254
##	6227	Ens000q	9	E06000009	3	0	0	0
##	6228	Ens000r	9	E06000009	1874	187	0	187

##	6229	Ens000s	9	E06000009	6154	306	349	655
##	6230	Ens000t	9	E06000009	739	33	0	33
##	6231	Ens000u	9	E06000009	86	0	14	14
##	6232	Ens000v	9	E06000009	22	0	22	22
##	6233	Ens000w	9	E06000009	28	0	3	3
##	6234	Ens000x	9	E06000009	452	14	325	339
##	6235	Ens000y	9	E06000009	0	0	0	0
##	6236	Ens000z	9	E06000009	2	0	0	0
##	6237	Ens0010	9	E06000009	24	1	27	28
##	6238	Ens0011	9	E06000009	29	0	8	8
##	6239	Ens0012	9	E06000009	6	0	0	0
##	6240	Ens0013	9	E06000009	96	1	20	21
##	6241	Ens0014	9	E06000009	79	0	17	17
##	6242	Ens0015	9	E06000009	6318	918	78	996
##	6243	Ens0016	9	E06000009	6	1	0	1
##	6244	Ens0017	9	E06000009	65	0	19	19
##	6245	Ens0018	9	E06000009	143	2	12	14
##	6246	Ens0019	9	E06000009	15	0	0	0
##	6247	Ens001a	9	E06000009	35	0	0	0
##	6248	Ens001b	9	E06000009	1253	16	0	16
##	6249	Ens001c	9	E06000009	2	0	0	0
##	6250	Ens001d	9	E06000009	392	0	69	69
##	6251	Ens0000	10	E06000009	217	14	0	14
##	6252	Ens0001	10	E06000009	3	0	0	0
##	6253	Ens0002	10	E06000009	4698	406	0	406
##	6254	Ens0003	10	E06000009	18	0	0	0
##	6255	Ens0004	10	E06000009	9	0	0	0
##	6256	Ens0005	10	E06000009	112	0	58	58
##	6257	Ens0006	10	E06000009	102	0	16	16
##	6258	Ens0007	10	E06000009	6	0	0	0
##	6259	Ens0008	10	E06000009	36	2	0	2
##	6260	Ens0009	10	E06000009	745	0	208	208
##	6261	Ens000a	10	E06000009	89	4	18	22
##	6262	Ens000b	10	E06000009	111	0	13	13
##	6263	Ens000c	10	E06000009	563	10	0	10
##	6264	Ens000d	10	E06000009	121	3	0	3
##	6265	Ens000e	10	E06000009	5300	0	982	982
##	6266	Ens000f	10	E06000009	414	41	0	41
##	6267	Ens000g	10	E06000009	29	2	0	2
##	6268	Ens000h	10	E06000009	522	1	190	191
##	6269	Ens000i	10	E06000009	86	11	0	11
##	6270	Ens000j	10	E06000009	3	0	0	0
##	6271	Ens000k	10	E06000009	32	3	0	3
##	6272	Ens000l	10	E06000009	27	0	10	10
##	6273	Ens000m	10	E06000009	671	23	1	24
##	6274	Ens000n	10	E06000009	28	1	0	1
##	6275	Ens000o	10	E06000009	83	0	32	32
##	6276	Ens000p	10	E06000009	467	0	187	187
##	6277	Ens000q	10	E06000009	1	0	0	0
##	6278	Ens000r	10	E06000009	1796	162	0	162
##	6279	Ens000s	10	E06000009	5717	266	270	536
##	6280	Ens000t	10	E06000009	883	53	0	53
##	6281	Ens000u	10	E06000009	78	0	12	12
##	6282	Ens000v	10	E06000009	17	1	17	18
##	6283	Ens000w	10	E06000009	25	0	6	6
##	6284	Ens000x	10	E06000009	528	19	317	336
##	6285	Ens000y	10	E06000009	1	0	2	2
##	6286	Ens000z	10	E06000009	3	0	0	0
##	6287	Ens0010	10	E06000009	14	1	22	23
##	6288	Ens0011	10	E06000009	25	0	1	1
##	6289	Ens0012	10	E06000009	6	0	1	1
##	6290	Ens0013	10	E06000009	40	1	5	6
##	6291	Ens0014	10	E06000009	65	0	18	18
##	6292	Ens0015	10	E06000009	6415	958	69	1027
##	6293	Ens0016	10	E06000009	7	1	0	1
##	6294	Ens0017	10	E06000009	137	0	17	17
##	6295	Ens0018	10	E06000009	90	2	6	8
##	6296	Ens0019	10	E06000009	47	5	0	5
##	6297	Ens001a	10	E06000009	20	1	0	1
##	6298	Ens001b	10	E06000009	1136	21	0	21

##	6299	Ens001c	10	E06000009	3	0	0	0
##	6300	Ens001d	10	E06000009	339	0	62	62
##	6301	Ens0000	1	E06000010	445	20	0	20
##	6302	Ens0001	1	E06000010	4	0	0	0
##	6303	Ens0002	1	E06000010	8694	849	0	849
##	6304	Ens0003	1	E06000010	4	1	0	1
##	6305	Ens0004	1	E06000010	14	0	0	0
##	6306	Ens0005	1	E06000010	67	0	56	56
##	6307	Ens0006	1	E06000010	106	0	30	30
##	6308	Ens0007	1	E06000010	65	0	9	9
##	6309	Ens0008	1	E06000010	74	6	0	6
##	6310	Ens0009	1	E06000010	939	0	308	308
##	6311	Ens000a	1	E06000010	165	14	24	38
##	6312	Ens000b	1	E06000010	151	0	16	16
##	6313	Ens000c	1	E06000010	1305	17	8	25
##	6314	Ens000d	1	E06000010	97	3	0	3
##	6315	Ens000e	1	E06000010	9367	5	1733	1738
##	6316	Ens000f	1	E06000010	470	30	0	30
##	6317	Ens000g	1	E06000010	20	3	0	3
##	6318	Ens000h	1	E06000010	1223	2	402	404
##	6319	Ens000i	1	E06000010	104	5	0	5
##	6320	Ens000j	1	E06000010	1	0	0	0
##	6321	Ens000k	1	E06000010	41	3	0	3
##	6322	Ens000l	1	E06000010	59	0	13	13
##	6323	Ens000m	1	E06000010	1444	55	0	55
##	6324	Ens000n	1	E06000010	30	2	0	2
##	6325	Ens000o	1	E06000010	135	0	56	56
##	6326	Ens000p	1	E06000010	520	0	199	199
##	6327	Ens000q	1	E06000010	2	0	0	0
##	6328	Ens000r	1	E06000010	2440	210	3	213
##	6329	Ens000s	1	E06000010	11485	596	580	1176
##	6330	Ens000t	1	E06000010	1244	58	0	58
##	6331	Ens000u	1	E06000010	227	0	57	57
##	6332	Ens000v	1	E06000010	19	2	32	34
##	6333	Ens000w	1	E06000010	32	0	2	2
##	6334	Ens000x	1	E06000010	685	20	503	523
##	6335	Ens000y	1	E06000010	2	0	0	0
##	6336	Ens000z	1	E06000010	5	0	0	0
##	6337	Ens0010	1	E06000010	36	1	42	43
##	6338	Ens0011	1	E06000010	42	0	5	5
##	6339	Ens0012	1	E06000010	3	0	0	0
##	6340	Ens0013	1	E06000010	56	0	23	23
##	6341	Ens0014	1	E06000010	93	0	37	37
##	6342	Ens0015	1	E06000010	12166	2117	110	2227
##	6343	Ens0016	1	E06000010	5	2	0	2
##	6344	Ens0017	1	E06000010	261	0	50	50
##	6345	Ens0018	1	E06000010	165	2	11	13
##	6346	Ens0019	1	E06000010	13	2	0	2
##	6347	Ens001a	1	E06000010	153	5	0	5
##	6348	Ens001b	1	E06000010	2034	46	1	47
##	6349	Ens001c	1	E06000010	2	0	0	0
##	6350	Ens001d	1	E06000010	1119	1	239	240
##	6351	Ens001e	1	E06000010	121	0	39	39
##	6352	Ens001f	1	E06000010	27	0	0	0
##	6353	Ens001g	1	E06000010	1689	0	664	664
##	6354	Ens001h	1	E06000010	839	14	47	61
##	6355	Ens001i	1	E06000010	19	1	0	1
##	6356	Ens001j	1	E06000010	37	0	0	0
##	6357	Ens001k	1	E06000010	6	2	0	2
##	6358	Ens001l	1	E06000010	18	1	3	4
##	6359	Ens001m	1	E06000010	215	2	4	6
##	6360	Ens001n	1	E06000010	456	13	7	20
##	6361	Ens001o	1	E06000010	12	0	0	0
##	6362	Ens001p	1	E06000010	2044	190	0	190
##	6363	Ens001q	1	E06000010	517	13	0	13
##	6364	Ens001r	1	E06000010	1205	52	2	54
##	6365	Ens001s	1	E06000010	107	0	20	20
##	6366	Ens001t	1	E06000010	0	0	0	0
##	6367	Ens001u	1	E06000010	22	4	0	4
##	6368	Ens001v	1	E06000010	1222	25	0	25

## 6369	Ens001w	1	E06000010	396	15	0	15
## 6370	Ens001x	1	E06000010	1	0	0	0
## 6371	Ens001y	1	E06000010	6183	820	0	820
## 6372	Ens001z	1	E06000010	4	0	0	0
## 6373	Ens0020	1	E06000010	76	9	0	9
## 6374	Ens0021	1	E06000010	166	4	37	41
## 6375	Ens0022	1	E06000010	225	6	0	6
## 6376	Ens0023	1	E06000010	5944	698	0	698
## 6377	Ens0024	1	E06000010	1	0	0	0
## 6378	Ens0025	1	E06000010	15	1	0	1
## 6379	Ens0026	1	E06000010	6987	0	1611	1611
## 6380	Ens0027	1	E06000010	11	0	1	1
## 6381	Ens0028	1	E06000010	3	0	0	0
## 6382	Ens0029	1	E06000010	844	29	180	209
## 6383	Ens002a	1	E06000010	132	0	22	22
## 6384	Ens002b	1	E06000010	1627	29	0	29
## 6385	Ens002c	1	E06000010	127	0	45	45
## 6386	Ens002d	1	E06000010	49	4	0	4
## 6387	Ens002e	1	E06000010	235	0	112	112
## 6388	Ens002f	1	E06000010	151	0	88	88
## 6389	Ens002g	1	E06000010	937	23	1	24
## 6390	Ens002h	1	E06000010	1515	0	281	281
## 6391	Ens002i	1	E06000010	2659	29	0	29
## 6392	Ens002j	1	E06000010	73	4	1	5
## 6393	Ens002k	1	E06000010	1	0	0	0
## 6394	Ens002l	1	E06000010	196	16	0	16
## 6395	Ens002m	1	E06000010	175	10	0	10
## 6396	Ens002n	1	E06000010	75	7	8	15
## 6397	Ens002o	1	E06000010	515	7	42	49
## 6398	Ens002p	1	E06000010	83	4	0	4
## 6399	Ens002q	1	E06000010	4	0	0	0
## 6400	Ens002r	1	E06000010	2	0	2	2
## 6401	Ens002s	1	E06000010	393	11	0	11
## 6402	Ens002t	1	E06000010	4931	605	0	605
## 6403	Ens002u	1	E06000010	133	4	0	4
## 6404	Ens002v	1	E06000010	10	1	0	1
## 6405	Ens002w	1	E06000010	4561	248	0	248
## 6406	Ens002x	1	E06000010	2328	103	0	103
## 6407	Ens002y	1	E06000010	330	14	77	91
## 6408	Ens002z	1	E06000010	2702	0	448	448
## 6409	Ens0030	1	E06000010	5468	0	695	695
## 6410	Ens0031	1	E06000010	34	0	11	11
## 6411	Ens0032	1	E06000010	558	33	1	34
## 6412	Ens0033	1	E06000010	7022	235	9	244
## 6413	Ens0034	1	E06000010	91	0	14	14
## 6414	Ens0035	1	E06000010	1352	88	9	97
## 6415	Ens0036	1	E06000010	5	0	2	2
## 6416	Ens0037	1	E06000010	51	2	0	2
## 6417	Ens0038	1	E06000010	1843	0	528	528
## 6418	Ens0039	1	E06000010	35	0	8	8
## 6419	Ens003a	1	E06000010	2031	202	0	202
## 6420	Ens003b	1	E06000010	3	0	0	0
## 6421	Ens003c	1	E06000010	21	0	4	4
## 6422	Ens003d	1	E06000010	227	7	0	7
## 6423	Ens003e	1	E06000010	8220	0	1437	1437
## 6424	Ens003f	1	E06000010	49	0	13	13
## 6425	Ens003g	1	E06000010	13	0	3	3
## 6426	Ens003h	1	E06000010	13	0	0	0
## 6427	Ens003i	1	E06000010	27	0	11	11
## 6428	Ens003j	1	E06000010	15	0	6	6
## 6429	Ens003k	1	E06000010	76	1	18	19
## 6430	Ens003l	1	E06000010	2	0	0	0
## 6431	Ens003m	1	E06000010	0	0	0	0
## 6432	Ens003n	1	E06000010	3	0	2	2
## 6433	Ens003o	1	E06000010	5	0	0	0
## 6434	Ens003p	1	E06000010	38	1	0	1
## 6435	Ens003q	1	E06000010	38	1	0	1
## 6436	Ens003r	1	E06000010	40	1	6	7
## 6437	Ens003s	1	E06000010	4	0	0	0
## 6438	Ens003t	1	E06000010	18	2	0	2

##	6439	Ens003u	1	E06000010	882	8	33	41
##	6440	Ens003v	1	E06000010	0	0	0	0
##	6441	Ens003w	1	E06000010	5403	106	853	959
##	6442	Ens003x	1	E06000010	0	0	0	0
##	6443	Ens003y	1	E06000010	1412	44	9	53
##	6444	Ens003z	1	E06000010	427	17	0	17
##	6445	Ens0040	1	E06000010	20	0	2	2
##	6446	Ens0041	1	E06000010	61	3	0	3
##	6447	Ens0042	1	E06000010	3	1	0	1
##	6448	Ens0043	1	E06000010	24	0	5	5
##	6449	Ens0044	1	E06000010	5395	96	2	98
##	6450	Ens0045	1	E06000010	446	13	13	26
##	6451	Ens0046	1	E06000010	4332	335	1	336
##	6452	Ens0047	1	E06000010	234	0	70	70
##	6453	Ens0048	1	E06000010	628	25	0	25
##	6454	Ens0049	1	E06000010	1	0	0	0
##	6455	Ens004a	1	E06000010	550	0	149	149
##	6456	Ens004b	1	E06000010	20	0	6	6
##	6457	Ens004c	1	E06000010	12	1	0	1
##	6458	Ens004d	1	E06000010	9	1	0	1
##	6459	Ens004e	1	E06000010	1215	0	194	194
##	6460	Ens004f	1	E06000010	0	0	0	0
##	6461	Ens004g	1	E06000010	191	0	54	54
##	6462	Ens004h	1	E06000010	4986	0	416	416
##	6463	Ens004i	1	E06000010	95	1	38	39
##	6464	Ens004j	1	E06000010	6	1	0	1
##	6465	Ens004k	1	E06000010	12562	1068	0	1068
##	6466	Ens004l	1	E06000010	79	0	100	100
##	6467	Ens004m	1	E06000010	3	0	0	0
##	6468	Ens004n	1	E06000010	10	0	2	2
##	6469	Ens004o	1	E06000010	57	1	0	1
##	6470	Ens004p	1	E06000010	8	0	2	2
##	6471	Ens004q	1	E06000010	953	13	8	21
##	6472	Ens004r	1	E06000010	11	2	0	2
##	6473	Ens004s	1	E06000010	17	0	9	9
##	6474	Ens004t	1	E06000010	88	8	0	8
##	6475	Ens004u	1	E06000010	127	5	0	5
##	6476	Ens004v	1	E06000010	480	35	4	39
##	6477	Ens004w	1	E06000010	29	0	7	7
##	6478	Ens004x	1	E06000010	1785	0	492	492
##	6479	Ens004y	1	E06000010	4	0	0	0
##	6480	Ens004z	1	E06000010	126	0	31	31
##	6481	Ens0050	1	E06000010	5	0	0	0
##	6482	Ens0051	1	E06000010	55	1	0	1
##	6483	Ens0052	1	E06000010	16	1	1	2
##	6484	Ens0053	1	E06000010	10003	716	66	782
##	6485	Ens0054	1	E06000010	6	0	0	0
##	6486	Ens0055	1	E06000010	311	24	2	26
##	6487	Ens0056	1	E06000010	4099	78	0	78
##	6488	Ens0057	1	E06000010	1889	78	0	78
##	6489	Ens0058	1	E06000010	843	2	242	244
##	6490	Ens0059	1	E06000010	366	29	0	29
##	6491	Ens005a	1	E06000010	4643	0	1443	1443
##	6492	Ens005b	1	E06000010	564	0	144	144
##	6493	Ens005c	1	E06000010	20	1	0	1
##	6494	Ens005d	1	E06000010	69	2	0	2
##	6495	Ens005e	1	E06000010	264	3	106	109
##	6496	Ens005f	1	E06000010	612	0	63	63
##	6497	Ens005g	1	E06000010	132	1	9	10
##	6498	Ens005h	1	E06000010	5	0	2	2
##	6499	Ens005i	1	E06000010	9	1	0	1
##	6500	Ens005j	1	E06000010	1114	61	3	64
##	6501	Ens005k	1	E06000010	192	13	0	13
##	6502	Ens005l	1	E06000010	4	0	0	0
##	6503	Ens005m	1	E06000010	39	0	4	4
##	6504	Ens005n	1	E06000010	88	1	0	1
##	6505	Ens005o	1	E06000010	774	1	390	391
##	6506	Ens005p	1	E06000010	163	0	33	33
##	6507	Ens005q	1	E06000010	5	0	0	0
##	6508	Ens005r	1	E06000010	13	2	0	2

##	6509	Ens005s	1	E06000010	2	0	0	0
##	6510	Ens005t	1	E06000010	2025	3	4475	4478
##	6511	Ens005u	1	E06000010	81	11	0	11
##	6512	Ens005v	1	E06000010	84	0	49	49
##	6513	Ens005w	1	E06000010	841	0	520	520
##	6514	Ens005x	1	E06000010	12	0	2	2
##	6515	Ens005y	1	E06000010	809	50	0	50
##	6516	Ens005z	1	E06000010	201	0	57	57
##	6517	Ens0060	1	E06000010	150	1	0	1
##	6518	Ens0061	1	E06000010	5571	516	35	551
##	6519	Ens0062	1	E06000010	3210	0	842	842
##	6520	Ens0063	1	E06000010	194	2	0	2
##	6521	Ens0064	1	E06000010	2829	146	134	280
##	6522	Ens0065	1	E06000010	3	0	0	0
##	6523	Ens0066	1	E06000010	177	7	12	19
##	6524	Ens0067	1	E06000010	1	0	0	0
##	6525	Ens0068	1	E06000010	1	1	1	2
##	6526	Ens0069	1	E06000010	21	0	0	0
##	6527	Ens006a	1	E06000010	163	8	0	8
##	6528	Ens006b	1	E06000010	850	36	0	36
##	6529	Ens006c	1	E06000010	6239	1103	12	1115
##	6530	Ens006d	1	E06000010	1174	0	485	485
##	6531	Ens006e	1	E06000010	368	33	3	36
##	6532	Ens006f	1	E06000010	4569	0	845	845
##	6533	Ens006g	1	E06000010	8087	1064	0	1064
##	6534	Ens006h	1	E06000010	64	0	16	16
##	6535	Ens006i	1	E06000010	2120	54	0	54
##	6536	Ens006j	1	E06000010	2	0	1	1
##	6537	Ens006k	1	E06000010	300	9	0	9
##	6538	Ens006l	1	E06000010	239	3	70	73
##	6539	Ens006m	1	E06000010	6520	402	0	402
##	6540	Ens006n	1	E06000010	75	6	0	6
##	6541	Ens006o	1	E06000010	328	8	1	9
##	6542	Ens006p	1	E06000010	6	1	2	3
##	6543	Ens006q	1	E06000010	55	0	13	13
##	6544	Ens006r	1	E06000010	127	0	27	27
##	6545	Ens006s	1	E06000010	97	0	68	68
##	6546	Ens006t	1	E06000010	10	0	6	6
##	6547	Ens006u	1	E06000010	4	1	0	1
##	6548	Ens006v	1	E06000010	31	1	10	11
##	6549	Ens006w	1	E06000010	3	0	0	0
##	6550	Ens006x	1	E06000010	96	6	0	6
##	6551	Ens0000	2	E06000010	666	34	0	34
##	6552	Ens0001	2	E06000010	3	0	0	0
##	6553	Ens0002	2	E06000010	8008	708	0	708
##	6554	Ens0003	2	E06000010	9	0	1	1
##	6555	Ens0004	2	E06000010	6	0	0	0
##	6556	Ens0005	2	E06000010	38	0	30	30
##	6557	Ens0006	2	E06000010	124	0	26	26
##	6558	Ens0007	2	E06000010	33	0	5	5
##	6559	Ens0008	2	E06000010	52	0	0	0
##	6560	Ens0009	2	E06000010	1099	0	382	382
##	6561	Ens000a	2	E06000010	132	6	17	23
##	6562	Ens000b	2	E06000010	130	0	15	15
##	6563	Ens000c	2	E06000010	1398	19	11	30
##	6564	Ens000d	2	E06000010	136	2	0	2
##	6565	Ens000e	2	E06000010	10121	12	1854	1866
##	6566	Ens000f	2	E06000010	639	40	0	40
##	6567	Ens000g	2	E06000010	13	0	0	0
##	6568	Ens000h	2	E06000010	744	0	237	237
##	6569	Ens000i	2	E06000010	82	15	0	15
##	6570	Ens000j	2	E06000010	4	0	0	0
##	6571	Ens000k	2	E06000010	31	2	0	2
##	6572	Ens000l	2	E06000010	106	0	14	14
##	6573	Ens000m	2	E06000010	2739	110	0	110
##	6574	Ens000n	2	E06000010	48	4	0	4
##	6575	Ens000o	2	E06000010	144	0	49	49
##	6576	Ens000p	2	E06000010	635	0	294	294
##	6577	Ens000q	2	E06000010	1	0	0	0
##	6578	Ens000r	2	E06000010	2265	171	2	173



## 6579	Ens000s	2	E06000010	9944	428	477	905
## 6580	Ens000t	2	E06000010	1387	57	0	57
## 6581	Ens000u	2	E06000010	112	0	28	28
## 6582	Ens000v	2	E06000010	27	2	26	28
## 6583	Ens000w	2	E06000010	22	0	3	3
## 6584	Ens000x	2	E06000010	1198	34	844	878
## 6585	Ens000y	2	E06000010	1	0	0	0
## 6586	Ens000z	2	E06000010	5	0	1	1
## 6587	Ens0010	2	E06000010	29	1	30	31
## 6588	Ens0011	2	E06000010	73	0	10	10
## 6589	Ens0012	2	E06000010	7	0	3	3
## 6590	Ens0013	2	E06000010	64	0	17	17
## 6591	Ens0014	2	E06000010	112	0	30	30
## 6592	Ens0015	2	E06000010	11808	1840	104	1944
## 6593	Ens0016	2	E06000010	8	2	0	2
## 6594	Ens0017	2	E06000010	320	0	59	59
## 6595	Ens0018	2	E06000010	190	6	22	28
## 6596	Ens0019	2	E06000010	69	10	0	10
## 6597	Ens001a	2	E06000010	36	4	0	4
## 6598	Ens001b	2	E06000010	1340	23	0	23
## 6599	Ens001c	2	E06000010	2	0	0	0
## 6600	Ens001d	2	E06000010	586	1	110	111
## 6601	Ens0000	3	E06000010	377	22	0	22
## 6602	Ens0001	3	E06000010	10	0	0	0
## 6603	Ens0002	3	E06000010	8121	736	0	736
## 6604	Ens0003	3	E06000010	38	3	1	4
## 6605	Ens0004	3	E06000010	29	1	0	1
## 6606	Ens0005	3	E06000010	53	0	40	40
## 6607	Ens0006	3	E06000010	189	0	54	54
## 6608	Ens0007	3	E06000010	11	0	1	1
## 6609	Ens0008	3	E06000010	59	1	0	1
## 6610	Ens0009	3	E06000010	684	0	251	251
## 6611	Ens000a	3	E06000010	165	13	16	29
## 6612	Ens000b	3	E06000010	269	0	46	46
## 6613	Ens000c	3	E06000010	949	14	4	18
## 6614	Ens000d	3	E06000010	72	2	0	2
## 6615	Ens000e	3	E06000010	9454	8	1748	1756
## 6616	Ens000f	3	E06000010	692	58	0	58
## 6617	Ens000g	3	E06000010	17	1	0	1
## 6618	Ens000h	3	E06000010	879	0	308	308
## 6619	Ens000i	3	E06000010	107	10	1	11
## 6620	Ens000j	3	E06000010	9	3	0	3
## 6621	Ens000k	3	E06000010	48	4	0	4
## 6622	Ens000l	3	E06000010	31	0	5	5
## 6623	Ens000m	3	E06000010	1001	35	0	35
## 6624	Ens000n	3	E06000010	18	1	0	1
## 6625	Ens000o	3	E06000010	148	0	49	49
## 6626	Ens000p	3	E06000010	769	0	320	320
## 6627	Ens000q	3	E06000010	1	0	0	0
## 6628	Ens000r	3	E06000010	2529	189	1	190
## 6629	Ens000s	3	E06000010	9783	389	490	879
## 6630	Ens000t	3	E06000010	1331	57	0	57
## 6631	Ens000u	3	E06000010	156	0	30	30
## 6632	Ens000v	3	E06000010	24	2	41	43
## 6633	Ens000w	3	E06000010	26	0	2	2
## 6634	Ens000x	3	E06000010	1125	39	741	780
## 6635	Ens000y	3	E06000010	2	0	0	0
## 6636	Ens000z	3	E06000010	6	0	0	0
## 6637	Ens0010	3	E06000010	21	0	14	14
## 6638	Ens0011	3	E06000010	57	0	12	12
## 6639	Ens0012	3	E06000010	8	1	4	5
## 6640	Ens0013	3	E06000010	74	0	18	18
## 6641	Ens0014	3	E06000010	129	0	34	34
## 6642	Ens0015	3	E06000010	12036	2091	138	2229
## 6643	Ens0016	3	E06000010	11	0	0	0
## 6644	Ens0017	3	E06000010	71	0	10	10
## 6645	Ens0018	3	E06000010	105	2	10	12
## 6646	Ens0019	3	E06000010	60	6	0	6
## 6647	Ens001a	3	E06000010	38	1	0	1
## 6648	Ens001b	3	E06000010	2445	53	0	53

##	6649	Ens001c	3	E06000010	2	1	0	1
##	6650	Ens001d	3	E06000010	663	1	148	149
##	6651	Ens0000	4	E06000010	479	31	0	31
##	6652	Ens0001	4	E06000010	11	0	0	0
##	6653	Ens0002	4	E06000010	7545	654	0	654
##	6654	Ens0003	4	E06000010	12	0	0	0
##	6655	Ens0004	4	E06000010	5	0	0	0
##	6656	Ens0005	4	E06000010	71	0	40	40
##	6657	Ens0006	4	E06000010	144	0	19	19
##	6658	Ens0007	4	E06000010	17	0	2	2
##	6659	Ens0008	4	E06000010	41	2	0	2
##	6660	Ens0009	4	E06000010	1378	0	440	440
##	6661	Ens000a	4	E06000010	82	5	12	17
##	6662	Ens000b	4	E06000010	196	0	25	25
##	6663	Ens000c	4	E06000010	793	20	6	26
##	6664	Ens000d	4	E06000010	150	3	1	4
##	6665	Ens000e	4	E06000010	8998	4	1637	1641
##	6666	Ens000f	4	E06000010	536	43	0	43
##	6667	Ens000g	4	E06000010	21	2	0	2
##	6668	Ens000h	4	E06000010	1076	2	382	384
##	6669	Ens000i	4	E06000010	155	16	1	17
##	6670	Ens000j	4	E06000010	3	0	0	0
##	6671	Ens000k	4	E06000010	57	4	0	4
##	6672	Ens000l	4	E06000010	26	0	8	8
##	6673	Ens000m	4	E06000010	2111	77	1	78
##	6674	Ens000n	4	E06000010	20	1	0	1
##	6675	Ens000o	4	E06000010	97	0	38	38
##	6676	Ens000p	4	E06000010	814	0	351	351
##	6677	Ens000q	4	E06000010	3	0	0	0
##	6678	Ens000r	4	E06000010	4758	522	4	526
##	6679	Ens000s	4	E06000010	9937	439	470	909
##	6680	Ens000t	4	E06000010	951	47	0	47
##	6681	Ens000u	4	E06000010	181	0	41	41
##	6682	Ens000v	4	E06000010	32	0	38	38
##	6683	Ens000w	4	E06000010	21	0	2	2
##	6684	Ens000x	4	E06000010	1341	51	870	921
##	6685	Ens000y	4	E06000010	0	0	0	0
##	6686	Ens000z	4	E06000010	2	0	1	1
##	6687	Ens0010	4	E06000010	32	1	26	27
##	6688	Ens0011	4	E06000010	54	0	13	13
##	6689	Ens0012	4	E06000010	7	0	0	0
##	6690	Ens0013	4	E06000010	58	0	7	7
##	6691	Ens0014	4	E06000010	86	0	24	24
##	6692	Ens0015	4	E06000010	11869	1888	96	1984
##	6693	Ens0016	4	E06000010	5	0	0	0
##	6694	Ens0017	4	E06000010	93	0	20	20
##	6695	Ens0018	4	E06000010	155	4	9	13
##	6696	Ens0019	4	E06000010	26	5	0	5
##	6697	Ens001a	4	E06000010	32	5	0	5
##	6698	Ens001b	4	E06000010	1571	42	1	43
##	6699	Ens001c	4	E06000010	1	0	0	0
##	6700	Ens001d	4	E06000010	599	1	108	109
##	6701	Ens0000	5	E06000010	526	23	0	23
##	6702	Ens0001	5	E06000010	2	0	0	0
##	6703	Ens0002	5	E06000010	8076	703	0	703
##	6704	Ens0003	5	E06000010	7	0	0	0
##	6705	Ens0004	5	E06000010	8	0	0	0
##	6706	Ens0005	5	E06000010	81	0	42	42
##	6707	Ens0006	5	E06000010	101	0	24	24
##	6708	Ens0007	5	E06000010	12	0	1	1
##	6709	Ens0008	5	E06000010	55	2	0	2
##	6710	Ens0009	5	E06000010	688	0	256	256
##	6711	Ens000a	5	E06000010	102	3	17	20
##	6712	Ens000b	5	E06000010	159	0	33	33
##	6713	Ens000c	5	E06000010	776	9	4	13
##	6714	Ens000d	5	E06000010	188	7	1	8
##	6715	Ens000e	5	E06000010	8687	7	1626	1633
##	6716	Ens000f	5	E06000010	811	71	0	71
##	6717	Ens000g	5	E06000010	15	1	0	1
##	6718	Ens000h	5	E06000010	704	0	264	264

##	6719	Ens000i	5	E06000010	580	79	3	82
##	6720	Ens000j	5	E06000010	4	0	0	0
##	6721	Ens000k	5	E06000010	33	0	0	0
##	6722	Ens000l	5	E06000010	31	0	9	9
##	6723	Ens000m	5	E06000010	2522	105	0	105
##	6724	Ens000n	5	E06000010	47	1	0	1
##	6725	Ens000o	5	E06000010	164	0	49	49
##	6726	Ens000p	5	E06000010	605	0	227	227
##	6727	Ens000q	5	E06000010	1	0	0	0
##	6728	Ens000r	5	E06000010	3461	319	3	322
##	6729	Ens000s	5	E06000010	12057	684	561	1245
##	6730	Ens000t	5	E06000010	1473	73	0	73
##	6731	Ens000u	5	E06000010	122	0	20	20
##	6732	Ens000v	5	E06000010	24	0	32	32
##	6733	Ens000w	5	E06000010	30	0	10	10
##	6734	Ens000x	5	E06000010	1334	46	955	1001
##	6735	Ens000y	5	E06000010	4	0	1	1
##	6736	Ens000z	5	E06000010	1	0	0	0
##	6737	Ens0010	5	E06000010	35	1	47	48
##	6738	Ens0011	5	E06000010	45	0	7	7
##	6739	Ens0012	5	E06000010	2	0	1	1
##	6740	Ens0013	5	E06000010	60	0	13	13
##	6741	Ens0014	5	E06000010	145	0	39	39
##	6742	Ens0015	5	E06000010	11648	1839	129	1968
##	6743	Ens0016	5	E06000010	4	1	0	1
##	6744	Ens0017	5	E06000010	107	0	15	15
##	6745	Ens0018	5	E06000010	199	2	16	18
##	6746	Ens0019	5	E06000010	31	4	0	4
##	6747	Ens001a	5	E06000010	38	0	0	0
##	6748	Ens001b	5	E06000010	1746	33	0	33
##	6749	Ens001c	5	E06000010	6	0	0	0
##	6750	Ens001d	5	E06000010	1117	1	209	210
##	6751	Ens0000	6	E06000010	413	19	0	19
##	6752	Ens0001	6	E06000010	4	0	0	0
##	6753	Ens0002	6	E06000010	7661	667	0	667
##	6754	Ens0003	6	E06000010	10	1	0	1
##	6755	Ens0004	6	E06000010	17	1	0	1
##	6756	Ens0005	6	E06000010	89	0	63	63
##	6757	Ens0006	6	E06000010	179	0	42	42
##	6758	Ens0007	6	E06000010	13	0	0	0
##	6759	Ens0008	6	E06000010	40	2	0	2
##	6760	Ens0009	6	E06000010	849	0	255	255
##	6761	Ens000a	6	E06000010	187	12	32	44
##	6762	Ens000b	6	E06000010	105	0	13	13
##	6763	Ens000c	6	E06000010	1555	22	5	27
##	6764	Ens000d	6	E06000010	83	1	0	1
##	6765	Ens000e	6	E06000010	9620	5	1723	1728
##	6766	Ens000f	6	E06000010	589	47	0	47
##	6767	Ens000g	6	E06000010	10	0	0	0
##	6768	Ens000h	6	E06000010	995	1	363	364
##	6769	Ens000i	6	E06000010	93	6	0	6
##	6770	Ens000j	6	E06000010	5	0	0	0
##	6771	Ens000k	6	E06000010	25	1	0	1
##	6772	Ens000l	6	E06000010	33	0	8	8
##	6773	Ens000m	6	E06000010	897	32	0	32
##	6774	Ens000n	6	E06000010	48	2	0	2
##	6775	Ens000o	6	E06000010	161	0	60	60
##	6776	Ens000p	6	E06000010	775	0	323	323
##	6777	Ens000q	6	E06000010	1	0	0	0
##	6778	Ens000r	6	E06000010	2572	214	2	216
##	6779	Ens000s	6	E06000010	12232	642	611	1253
##	6780	Ens000t	6	E06000010	860	52	0	52
##	6781	Ens000u	6	E06000010	146	0	31	31
##	6782	Ens000v	6	E06000010	17	2	15	17
##	6783	Ens000w	6	E06000010	19	0	9	9
##	6784	Ens000x	6	E06000010	660	18	444	462
##	6785	Ens000y	6	E06000010	3	0	1	1
##	6786	Ens000z	6	E06000010	1	0	0	0
##	6787	Ens0010	6	E06000010	37	0	28	28
##	6788	Ens0011	6	E06000010	79	0	12	12

## 6789	Ens0012	6	E06000010	3	0	1	1
## 6790	Ens0013	6	E06000010	65	1	28	29
## 6791	Ens0014	6	E06000010	94	0	28	28
## 6792	Ens0015	6	E06000010	11998	1956	109	2065
## 6793	Ens0016	6	E06000010	12	3	0	3
## 6794	Ens0017	6	E06000010	218	0	45	45
## 6795	Ens0018	6	E06000010	132	1	14	15
## 6796	Ens0019	6	E06000010	26	4	0	4
## 6797	Ens001a	6	E06000010	41	1	0	1
## 6798	Ens001b	6	E06000010	1621	40	0	40
## 6799	Ens001c	6	E06000010	1	0	0	0
## 6800	Ens001d	6	E06000010	618	3	117	120
## 6801	Ens0000	7	E06000010	342	15	0	15
## 6802	Ens0001	7	E06000010	0	0	0	0
## 6803	Ens0002	7	E06000010	8579	826	0	826
## 6804	Ens0003	7	E06000010	8	0	1	1
## 6805	Ens0004	7	E06000010	7	1	0	1
## 6806	Ens0005	7	E06000010	51	0	35	35
## 6807	Ens0006	7	E06000010	122	0	21	21
## 6808	Ens0007	7	E06000010	9	0	0	0
## 6809	Ens0008	7	E06000010	31	0	0	0
## 6810	Ens0009	7	E06000010	1024	0	353	353
## 6811	Ens000a	7	E06000010	183	6	30	36
## 6812	Ens000b	7	E06000010	194	0	27	27
## 6813	Ens000c	7	E06000010	1056	16	5	21
## 6814	Ens000d	7	E06000010	84	3	0	3
## 6815	Ens000e	7	E06000010	10147	7	1927	1934
## 6816	Ens000f	7	E06000010	526	32	0	32
## 6817	Ens000g	7	E06000010	29	1	0	1
## 6818	Ens000h	7	E06000010	972	0	317	317
## 6819	Ens000i	7	E06000010	116	8	0	8
## 6820	Ens000j	7	E06000010	2	0	0	0
## 6821	Ens000k	7	E06000010	22	0	0	0
## 6822	Ens000l	7	E06000010	106	0	26	26
## 6823	Ens000m	7	E06000010	1086	37	1	38
## 6824	Ens000n	7	E06000010	49	4	0	4
## 6825	Ens000o	7	E06000010	98	0	49	49
## 6826	Ens000p	7	E06000010	911	0	430	430
## 6827	Ens000q	7	E06000010	2	0	0	0
## 6828	Ens000r	7	E06000010	3471	328	4	332
## 6829	Ens000s	7	E06000010	13417	845	671	1516
## 6830	Ens000t	7	E06000010	1226	69	1	70
## 6831	Ens000u	7	E06000010	111	0	16	16
## 6832	Ens000v	7	E06000010	25	2	41	43
## 6833	Ens000w	7	E06000010	23	0	8	8
## 6834	Ens000x	7	E06000010	743	23	533	556
## 6835	Ens000y	7	E06000010	3	0	0	0
## 6836	Ens000z	7	E06000010	5	0	0	0
## 6837	Ens0010	7	E06000010	16	0	15	15
## 6838	Ens0011	7	E06000010	84	0	15	15
## 6839	Ens0012	7	E06000010	10	0	3	3
## 6840	Ens0013	7	E06000010	51	0	10	10
## 6841	Ens0014	7	E06000010	128	0	38	38
## 6842	Ens0015	7	E06000010	11901	1994	117	2111
## 6843	Ens0016	7	E06000010	10	2	0	2
## 6844	Ens0017	7	E06000010	68	0	12	12
## 6845	Ens0018	7	E06000010	334	7	32	39
## 6846	Ens0019	7	E06000010	71	12	0	12
## 6847	Ens001a	7	E06000010	27	0	0	0
## 6848	Ens001b	7	E06000010	2238	41	0	41
## 6849	Ens001c	7	E06000010	1	0	0	0
## 6850	Ens001d	7	E06000010	623	1	117	118
## 6851	Ens0000	8	E06000010	231	11	0	11
## 6852	Ens0001	8	E06000010	2	0	0	0
## 6853	Ens0002	8	E06000010	8060	700	0	700
## 6854	Ens0003	8	E06000010	13	0	0	0
## 6855	Ens0004	8	E06000010	17	0	0	0
## 6856	Ens0005	8	E06000010	62	0	44	44
## 6857	Ens0006	8	E06000010	101	0	25	25
## 6858	Ens0007	8	E06000010	8	0	3	3

##	6859	Ens0008	8	E06000010	35	4	0	4
##	6860	Ens0009	8	E06000010	1015	0	344	344
##	6861	Ens000a	8	E06000010	212	9	25	34
##	6862	Ens000b	8	E06000010	187	0	26	26
##	6863	Ens000c	8	E06000010	1437	23	3	26
##	6864	Ens000d	8	E06000010	79	3	0	3
##	6865	Ens000e	8	E06000010	10170	6	1881	1887
##	6866	Ens000f	8	E06000010	642	60	0	60
##	6867	Ens000g	8	E06000010	6	0	0	0
##	6868	Ens000h	8	E06000010	997	1	364	365
##	6869	Ens000i	8	E06000010	151	12	0	12
##	6870	Ens000j	8	E06000010	2	0	0	0
##	6871	Ens000k	8	E06000010	62	3	0	3
##	6872	Ens000l	8	E06000010	170	0	30	30
##	6873	Ens000m	8	E06000010	1460	58	0	58
##	6874	Ens000n	8	E06000010	63	6	0	6
##	6875	Ens000o	8	E06000010	122	0	41	41
##	6876	Ens000p	8	E06000010	822	0	369	369
##	6877	Ens000q	8	E06000010	2	0	0	0
##	6878	Ens000r	8	E06000010	3339	302	0	302
##	6879	Ens000s	8	E06000010	10072	420	529	949
##	6880	Ens000t	8	E06000010	1040	67	0	67
##	6881	Ens000u	8	E06000010	143	0	31	31
##	6882	Ens000v	8	E06000010	19	1	30	31
##	6883	Ens000w	8	E06000010	20	0	6	6
##	6884	Ens000x	8	E06000010	609	15	424	439
##	6885	Ens000y	8	E06000010	1	0	0	0
##	6886	Ens000z	8	E06000010	0	0	1	1
##	6887	Ens0010	8	E06000010	19	1	17	18
##	6888	Ens0011	8	E06000010	190	0	34	34
##	6889	Ens0012	8	E06000010	5	0	0	0
##	6890	Ens0013	8	E06000010	81	0	20	20
##	6891	Ens0014	8	E06000010	91	0	28	28
##	6892	Ens0015	8	E06000010	11906	1968	126	2094
##	6893	Ens0016	8	E06000010	6	0	0	0
##	6894	Ens0017	8	E06000010	108	0	24	24
##	6895	Ens0018	8	E06000010	233	6	19	25
##	6896	Ens0019	8	E06000010	30	1	0	1
##	6897	Ens001a	8	E06000010	35	2	0	2
##	6898	Ens001b	8	E06000010	2010	41	1	42
##	6899	Ens001c	8	E06000010	6	0	0	0
##	6900	Ens001d	8	E06000010	536	2	95	97
##	6901	Ens0000	9	E06000010	263	11	0	11
##	6902	Ens0001	9	E06000010	2	0	0	0
##	6903	Ens0002	9	E06000010	8246	741	0	741
##	6904	Ens0003	9	E06000010	6	0	0	0
##	6905	Ens0004	9	E06000010	4	0	0	0
##	6906	Ens0005	9	E06000010	49	0	32	32
##	6907	Ens0006	9	E06000010	172	0	39	39
##	6908	Ens0007	9	E06000010	10	0	0	0
##	6909	Ens0008	9	E06000010	22	0	0	0
##	6910	Ens0009	9	E06000010	1453	0	452	452
##	6911	Ens000a	9	E06000010	156	8	23	31
##	6912	Ens000b	9	E06000010	197	0	31	31
##	6913	Ens000c	9	E06000010	960	17	1	18
##	6914	Ens000d	9	E06000010	76	1	0	1
##	6915	Ens000e	9	E06000010	8811	5	1694	1699
##	6916	Ens000f	9	E06000010	711	59	0	59
##	6917	Ens000g	9	E06000010	15	0	0	0
##	6918	Ens000h	9	E06000010	967	1	334	335
##	6919	Ens000i	9	E06000010	204	17	3	20
##	6920	Ens000j	9	E06000010	10	2	0	2
##	6921	Ens000k	9	E06000010	38	1	0	1
##	6922	Ens000l	9	E06000010	42	0	11	11
##	6923	Ens000m	9	E06000010	1209	46	0	46
##	6924	Ens000n	9	E06000010	40	4	0	4
##	6925	Ens000o	9	E06000010	127	0	47	47
##	6926	Ens000p	9	E06000010	719	0	317	317
##	6927	Ens000q	9	E06000010	2	0	0	0
##	6928	Ens000r	9	E06000010	2864	246	4	250

##	6929	Ens000s	9	E06000010	10411	463	573	1036
##	6930	Ens000t	9	E06000010	4422	300	1	301
##	6931	Ens000u	9	E06000010	326	0	74	74
##	6932	Ens000v	9	E06000010	28	2	48	50
##	6933	Ens000w	9	E06000010	33	0	7	7
##	6934	Ens000x	9	E06000010	852	29	612	641
##	6935	Ens000y	9	E06000010	0	0	0	0
##	6936	Ens000z	9	E06000010	5	0	0	0
##	6937	Ens0010	9	E06000010	89	3	67	70
##	6938	Ens0011	9	E06000010	46	0	10	10
##	6939	Ens0012	9	E06000010	1	0	1	1
##	6940	Ens0013	9	E06000010	66	0	18	18
##	6941	Ens0014	9	E06000010	88	0	30	30
##	6942	Ens0015	9	E06000010	11675	1791	138	1929
##	6943	Ens0016	9	E06000010	9	2	0	2
##	6944	Ens0017	9	E06000010	101	0	26	26
##	6945	Ens0018	9	E06000010	249	4	22	26
##	6946	Ens0019	9	E06000010	46	5	0	5
##	6947	Ens001a	9	E06000010	32	1	0	1
##	6948	Ens001b	9	E06000010	1541	38	1	39
##	6949	Ens001c	9	E06000010	1	0	0	0
##	6950	Ens001d	9	E06000010	572	0	115	115
##	6951	Ens0000	10	E06000010	259	16	0	16
##	6952	Ens0001	10	E06000010	4	0	0	0
##	6953	Ens0002	10	E06000010	8234	767	0	767
##	6954	Ens0003	10	E06000010	11	1	0	1
##	6955	Ens0004	10	E06000010	9	0	0	0
##	6956	Ens0005	10	E06000010	131	0	83	83
##	6957	Ens0006	10	E06000010	96	0	20	20
##	6958	Ens0007	10	E06000010	6	0	1	1
##	6959	Ens0008	10	E06000010	47	2	0	2
##	6960	Ens0009	10	E06000010	847	0	306	306
##	6961	Ens000a	10	E06000010	143	4	27	31
##	6962	Ens000b	10	E06000010	90	0	20	20
##	6963	Ens000c	10	E06000010	870	11	5	16
##	6964	Ens000d	10	E06000010	80	1	0	1
##	6965	Ens000e	10	E06000010	9244	3	1770	1773
##	6966	Ens000f	10	E06000010	542	41	0	41
##	6967	Ens000g	10	E06000010	19	0	0	0
##	6968	Ens000h	10	E06000010	954	2	342	344
##	6969	Ens000i	10	E06000010	191	22	0	22
##	6970	Ens000j	10	E06000010	2	0	0	0
##	6971	Ens000k	10	E06000010	27	3	0	3
##	6972	Ens000l	10	E06000010	155	0	38	38
##	6973	Ens000m	10	E06000010	2061	85	0	85
##	6974	Ens000n	10	E06000010	42	2	0	2
##	6975	Ens000o	10	E06000010	148	0	66	66
##	6976	Ens000p	10	E06000010	642	0	270	270
##	6977	Ens000q	10	E06000010	2	0	0	0
##	6978	Ens000r	10	E06000010	2543	232	5	237
##	6979	Ens000s	10	E06000010	10668	484	548	1032
##	6980	Ens000t	10	E06000010	1013	49	0	49
##	6981	Ens000u	10	E06000010	111	0	20	20
##	6982	Ens000v	10	E06000010	27	3	36	39
##	6983	Ens000w	10	E06000010	27	0	7	7
##	6984	Ens000x	10	E06000010	936	29	664	693
##	6985	Ens000y	10	E06000010	5	0	0	0
##	6986	Ens000z	10	E06000010	3	0	0	0
##	6987	Ens0010	10	E06000010	60	1	59	60
##	6988	Ens0011	10	E06000010	42	0	8	8
##	6989	Ens0012	10	E06000010	1	0	0	0
##	6990	Ens0013	10	E06000010	112	0	20	20
##	6991	Ens0014	10	E06000010	90	0	34	34
##	6992	Ens0015	10	E06000010	11578	1696	132	1828
##	6993	Ens0016	10	E06000010	2	0	0	0
##	6994	Ens0017	10	E06000010	121	0	21	21
##	6995	Ens0018	10	E06000010	233	5	19	24
##	6996	Ens0019	10	E06000010	28	3	0	3
##	6997	Ens001a	10	E06000010	42	1	0	1
##	6998	Ens001b	10	E06000010	2311	57	0	57

##	6999	Ens001c	10	E06000010	9	0	0	0
##	7000	Ens001d	10	E06000010	1072	1	193	194
##	7001	Ens0000	1	E06000011	628	31	0	31
##	7002	Ens0001	1	E06000011	2	0	0	0
##	7003	Ens0002	1	E06000011	11146	1060	1	1061
##	7004	Ens0003	1	E06000011	20	0	0	0
##	7005	Ens0004	1	E06000011	10	1	0	1
##	7006	Ens0005	1	E06000011	150	0	99	99
##	7007	Ens0006	1	E06000011	206	0	44	44
##	7008	Ens0007	1	E06000011	44	0	9	9
##	7009	Ens0008	1	E06000011	92	3	0	3
##	7010	Ens0009	1	E06000011	1239	0	416	416
##	7011	Ens000a	1	E06000011	235	7	31	38
##	7012	Ens000b	1	E06000011	180	0	40	40
##	7013	Ens000c	1	E06000011	1611	24	9	33
##	7014	Ens000d	1	E06000011	118	6	1	7
##	7015	Ens000e	1	E06000011	12420	6	2309	2315
##	7016	Ens000f	1	E06000011	726	55	1	56
##	7017	Ens000g	1	E06000011	37	1	0	1
##	7018	Ens000h	1	E06000011	1634	3	542	545
##	7019	Ens000i	1	E06000011	156	14	0	14
##	7020	Ens000j	1	E06000011	5	0	0	0
##	7021	Ens000k	1	E06000011	57	2	0	2
##	7022	Ens000l	1	E06000011	73	0	16	16
##	7023	Ens000m	1	E06000011	1856	68	0	68
##	7024	Ens000n	1	E06000011	62	4	0	4
##	7025	Ens000o	1	E06000011	234	0	68	68
##	7026	Ens000p	1	E06000011	784	0	315	315
##	7027	Ens000q	1	E06000011	4	0	0	0
##	7028	Ens000r	1	E06000011	3513	316	3	319
##	7029	Ens000s	1	E06000011	15608	851	881	1732
##	7030	Ens000t	1	E06000011	1595	86	0	86
##	7031	Ens000u	1	E06000011	307	0	72	72
##	7032	Ens000v	1	E06000011	52	3	58	61
##	7033	Ens000w	1	E06000011	29	0	5	5
##	7034	Ens000x	1	E06000011	1005	32	715	747
##	7035	Ens000y	1	E06000011	2	0	0	0
##	7036	Ens000z	1	E06000011	5	0	1	1
##	7037	Ens0010	1	E06000011	35	0	31	31
##	7038	Ens0011	1	E06000011	95	0	16	16
##	7039	Ens0012	1	E06000011	0	0	4	4
##	7040	Ens0013	1	E06000011	102	2	24	26
##	7041	Ens0014	1	E06000011	172	0	37	37
##	7042	Ens0015	1	E06000011	15793	2747	148	2895
##	7043	Ens0016	1	E06000011	17	2	0	2
##	7044	Ens0017	1	E06000011	302	0	43	43
##	7045	Ens0018	1	E06000011	221	3	31	34
##	7046	Ens0019	1	E06000011	41	4	0	4
##	7047	Ens001a	1	E06000011	159	2	0	2
##	7048	Ens001b	1	E06000011	2836	63	1	64
##	7049	Ens001c	1	E06000011	7	0	0	0
##	7050	Ens001d	1	E06000011	1362	3	233	236
##	7051	Ens001e	1	E06000011	153	0	63	63
##	7052	Ens001f	1	E06000011	28	2	0	2
##	7053	Ens001g	1	E06000011	2392	0	1003	1003
##	7054	Ens001h	1	E06000011	1306	35	64	99
##	7055	Ens001i	1	E06000011	24	1	1	2
##	7056	Ens001j	1	E06000011	44	1	0	1
##	7057	Ens001k	1	E06000011	13	1	0	1
##	7058	Ens001l	1	E06000011	45	6	3	9
##	7059	Ens001m	1	E06000011	295	5	9	14
##	7060	Ens001n	1	E06000011	767	21	7	28
##	7061	Ens001o	1	E06000011	22	0	1	1
##	7062	Ens001p	1	E06000011	2841	274	0	274
##	7063	Ens001q	1	E06000011	647	14	0	14
##	7064	Ens001r	1	E06000011	1471	65	5	70
##	7065	Ens001s	1	E06000011	216	0	41	41
##	7066	Ens001t	1	E06000011	2	0	0	0
##	7067	Ens001u	1	E06000011	31	3	0	3
##	7068	Ens001v	1	E06000011	1566	39	0	39

##	7069	Ens001w	1	E06000011	610	32	0	32
##	7070	Ens001x	1	E06000011	3	0	0	0
##	7071	Ens001y	1	E06000011	8445	1208	0	1208
##	7072	Ens001z	1	E06000011	9	0	0	0
##	7073	Ens0020	1	E06000011	108	9	2	11
##	7074	Ens0021	1	E06000011	247	5	65	70
##	7075	Ens0022	1	E06000011	277	4	0	4
##	7076	Ens0023	1	E06000011	8087	995	0	995
##	7077	Ens0024	1	E06000011	17	1	0	1
##	7078	Ens0025	1	E06000011	30	0	0	0
##	7079	Ens0026	1	E06000011	9124	0	2156	2156
##	7080	Ens0027	1	E06000011	19	0	0	0
##	7081	Ens0028	1	E06000011	6	0	0	0
##	7082	Ens0029	1	E06000011	1099	56	276	332
##	7083	Ens002a	1	E06000011	191	0	27	27
##	7084	Ens002b	1	E06000011	2293	57	0	57
##	7085	Ens002c	1	E06000011	196	0	70	70
##	7086	Ens002d	1	E06000011	62	1	0	1
##	7087	Ens002e	1	E06000011	430	0	197	197
##	7088	Ens002f	1	E06000011	154	1	105	106
##	7089	Ens002g	1	E06000011	1362	57	1	58
##	7090	Ens002h	1	E06000011	2052	2	391	393
##	7091	Ens002i	1	E06000011	3758	55	0	55
##	7092	Ens002j	1	E06000011	114	2	5	7
##	7093	Ens002k	1	E06000011	2	0	0	0
##	7094	Ens002l	1	E06000011	219	13	0	13
##	7095	Ens002m	1	E06000011	221	14	0	14
##	7096	Ens002n	1	E06000011	132	13	29	42
##	7097	Ens002o	1	E06000011	763	17	43	60
##	7098	Ens002p	1	E06000011	137	8	0	8
##	7099	Ens002q	1	E06000011	3	0	0	0
##	7100	Ens002r	1	E06000011	5	0	0	0
##	7101	Ens002s	1	E06000011	555	9	0	9
##	7102	Ens002t	1	E06000011	6117	734	1	735
##	7103	Ens002u	1	E06000011	173	5	0	5
##	7104	Ens002v	1	E06000011	34	1	0	1
##	7105	Ens002w	1	E06000011	5721	307	0	307
##	7106	Ens002x	1	E06000011	3052	166	0	166
##	7107	Ens002y	1	E06000011	527	23	104	127
##	7108	Ens002z	1	E06000011	3848	0	640	640
##	7109	Ens0030	1	E06000011	7927	0	941	941
##	7110	Ens0031	1	E06000011	46	0	3	3
##	7111	Ens0032	1	E06000011	899	53	1	54
##	7112	Ens0033	1	E06000011	9303	326	24	350
##	7113	Ens0034	1	E06000011	130	0	21	21
##	7114	Ens0035	1	E06000011	1869	114	7	121
##	7115	Ens0036	1	E06000011	35	0	8	8
##	7116	Ens0037	1	E06000011	75	7	0	7
##	7117	Ens0038	1	E06000011	2606	1	673	674
##	7118	Ens0039	1	E06000011	46	0	9	9
##	7119	Ens003a	1	E06000011	2922	281	0	281
##	7120	Ens003b	1	E06000011	9	0	0	0
##	7121	Ens003c	1	E06000011	39	0	4	4
##	7122	Ens003d	1	E06000011	200	8	0	8
##	7123	Ens003e	1	E06000011	11336	0	2013	2013
##	7124	Ens003f	1	E06000011	61	0	20	20
##	7125	Ens003g	1	E06000011	36	0	1	1
##	7126	Ens003h	1	E06000011	24	0	0	0
##	7127	Ens003i	1	E06000011	60	0	20	20
##	7128	Ens003j	1	E06000011	19	0	2	2
##	7129	Ens003k	1	E06000011	136	4	32	36
##	7130	Ens003l	1	E06000011	2	1	0	1
##	7131	Ens003m	1	E06000011	3	0	2	2
##	7132	Ens003n	1	E06000011	5	0	1	1
##	7133	Ens003o	1	E06000011	6	0	0	0
##	7134	Ens003p	1	E06000011	64	4	0	4
##	7135	Ens003q	1	E06000011	62	1	0	1
##	7136	Ens003r	1	E06000011	68	1	6	7
##	7137	Ens003s	1	E06000011	19	1	0	1
##	7138	Ens003t	1	E06000011	29	0	0	0



##	7139	Ens003u	1	E06000011	1375	15	50	65
##	7140	Ens003v	1	E06000011	4	0	0	0
##	7141	Ens003w	1	E06000011	7054	140	1138	1278
##	7142	Ens003x	1	E06000011	10	0	0	0
##	7143	Ens003y	1	E06000011	1587	46	10	56
##	7144	Ens003z	1	E06000011	699	48	0	48
##	7145	Ens0040	1	E06000011	25	0	3	3
##	7146	Ens0041	1	E06000011	84	8	0	8
##	7147	Ens0042	1	E06000011	6	1	0	1
##	7148	Ens0043	1	E06000011	36	0	11	11
##	7149	Ens0044	1	E06000011	7633	156	2	158
##	7150	Ens0045	1	E06000011	644	15	30	45
##	7151	Ens0046	1	E06000011	5853	500	0	500
##	7152	Ens0047	1	E06000011	339	0	108	108
##	7153	Ens0048	1	E06000011	901	38	0	38
##	7154	Ens0049	1	E06000011	0	0	0	0
##	7155	Ens004a	1	E06000011	837	0	203	203
##	7156	Ens004b	1	E06000011	11	0	7	7
##	7157	Ens004c	1	E06000011	7	0	0	0
##	7158	Ens004d	1	E06000011	11	1	0	1
##	7159	Ens004e	1	E06000011	1559	0	228	228
##	7160	Ens004f	1	E06000011	10	0	0	0
##	7161	Ens004g	1	E06000011	271	0	83	83
##	7162	Ens004h	1	E06000011	6910	0	625	625
##	7163	Ens004i	1	E06000011	151	0	58	58
##	7164	Ens004j	1	E06000011	10	0	0	0
##	7165	Ens004k	1	E06000011	16279	1292	0	1292
##	7166	Ens004l	1	E06000011	112	0	92	92
##	7167	Ens004m	1	E06000011	6	0	0	0
##	7168	Ens004n	1	E06000011	28	0	3	3
##	7169	Ens004o	1	E06000011	82	1	0	1
##	7170	Ens004p	1	E06000011	20	0	3	3
##	7171	Ens004q	1	E06000011	1223	13	12	25
##	7172	Ens004r	1	E06000011	29	3	0	3
##	7173	Ens004s	1	E06000011	19	0	5	5
##	7174	Ens004t	1	E06000011	144	18	0	18
##	7175	Ens004u	1	E06000011	175	5	0	5
##	7176	Ens004v	1	E06000011	686	38	7	45
##	7177	Ens004w	1	E06000011	34	0	10	10
##	7178	Ens004x	1	E06000011	2425	0	589	589
##	7179	Ens004y	1	E06000011	12	0	8	8
##	7180	Ens004z	1	E06000011	170	3	52	55
##	7181	Ens0050	1	E06000011	6	0	0	0
##	7182	Ens0051	1	E06000011	77	5	3	8
##	7183	Ens0052	1	E06000011	26	1	3	4
##	7184	Ens0053	1	E06000011	13335	1000	99	1099
##	7185	Ens0054	1	E06000011	19	1	2	3
##	7186	Ens0055	1	E06000011	597	13	0	13
##	7187	Ens0056	1	E06000011	5738	107	0	107
##	7188	Ens0057	1	E06000011	3171	162	1	163
##	7189	Ens0058	1	E06000011	1290	2	354	356
##	7190	Ens0059	1	E06000011	521	38	0	38
##	7191	Ens005a	1	E06000011	6462	0	2108	2108
##	7192	Ens005b	1	E06000011	832	0	197	197
##	7193	Ens005c	1	E06000011	24	4	0	4
##	7194	Ens005d	1	E06000011	70	6	0	6
##	7195	Ens005e	1	E06000011	489	5	154	159
##	7196	Ens005f	1	E06000011	875	0	75	75
##	7197	Ens005g	1	E06000011	215	0	12	12
##	7198	Ens005h	1	E06000011	6	0	1	1
##	7199	Ens005i	1	E06000011	9	1	0	1
##	7200	Ens005j	1	E06000011	1056	68	3	71
##	7201	Ens005k	1	E06000011	265	15	0	15
##	7202	Ens005l	1	E06000011	10	0	0	0
##	7203	Ens005m	1	E06000011	54	0	4	4
##	7204	Ens005n	1	E06000011	206	7	0	7
##	7205	Ens005o	1	E06000011	1177	0	580	580
##	7206	Ens005p	1	E06000011	250	0	46	46
##	7207	Ens005q	1	E06000011	12	1	0	1
##	7208	Ens005r	1	E06000011	13	1	0	1

##	7209	Ens005s	1	E06000011	5	0	2	2
##	7210	Ens005t	1	E06000011	3044	9	6764	6773
##	7211	Ens005u	1	E06000011	129	13	0	13
##	7212	Ens005v	1	E06000011	164	3	101	104
##	7213	Ens005w	1	E06000011	1269	0	689	689
##	7214	Ens005x	1	E06000011	25	0	2	2
##	7215	Ens005y	1	E06000011	1118	84	0	84
##	7216	Ens005z	1	E06000011	262	0	60	60
##	7217	Ens0060	1	E06000011	250	14	0	14
##	7218	Ens0061	1	E06000011	7519	762	36	798
##	7219	Ens0062	1	E06000011	4727	0	1257	1257
##	7220	Ens0063	1	E06000011	227	3	0	3
##	7221	Ens0064	1	E06000011	3951	231	194	425
##	7222	Ens0065	1	E06000011	7	0	0	0
##	7223	Ens0066	1	E06000011	235	9	18	27
##	7224	Ens0067	1	E06000011	1	0	0	0
##	7225	Ens0068	1	E06000011	0	0	0	0
##	7226	Ens0069	1	E06000011	31	0	0	0
##	7227	Ens006a	1	E06000011	158	2	0	2
##	7228	Ens006b	1	E06000011	1345	67	0	67
##	7229	Ens006c	1	E06000011	8080	1524	20	1544
##	7230	Ens006d	1	E06000011	1804	0	758	758
##	7231	Ens006e	1	E06000011	618	52	16	68
##	7232	Ens006f	1	E06000011	5595	0	989	989
##	7233	Ens006g	1	E06000011	10805	1473	0	1473
##	7234	Ens006h	1	E06000011	137	0	33	33
##	7235	Ens006i	1	E06000011	2826	62	0	62
##	7236	Ens006j	1	E06000011	5	0	0	0
##	7237	Ens006k	1	E06000011	479	16	1	17
##	7238	Ens006l	1	E06000011	283	5	69	74
##	7239	Ens006m	1	E06000011	9126	559	0	559
##	7240	Ens006n	1	E06000011	82	8	0	8
##	7241	Ens006o	1	E06000011	376	4	7	11
##	7242	Ens006p	1	E06000011	5	1	3	4
##	7243	Ens006q	1	E06000011	100	0	23	23
##	7244	Ens006r	1	E06000011	206	0	44	44
##	7245	Ens006s	1	E06000011	153	3	103	106
##	7246	Ens006t	1	E06000011	21	0	9	9
##	7247	Ens006u	1	E06000011	7	0	0	0
##	7248	Ens006v	1	E06000011	45	0	4	4
##	7249	Ens006w	1	E06000011	6	0	1	1
##	7250	Ens006x	1	E06000011	136	2	0	2
##	7251	Ens0000	2	E06000011	969	58	0	58
##	7252	Ens0001	2	E06000011	2	0	0	0
##	7253	Ens0002	2	E06000011	10708	966	0	966
##	7254	Ens0003	2	E06000011	22	0	0	0
##	7255	Ens0004	2	E06000011	9	0	0	0
##	7256	Ens0005	2	E06000011	80	0	40	40
##	7257	Ens0006	2	E06000011	182	0	35	35
##	7258	Ens0007	2	E06000011	30	0	2	2
##	7259	Ens0008	2	E06000011	88	5	0	5
##	7260	Ens0009	2	E06000011	1636	0	538	538
##	7261	Ens000a	2	E06000011	203	13	21	34
##	7262	Ens000b	2	E06000011	173	0	25	25
##	7263	Ens000c	2	E06000011	1572	28	12	40
##	7264	Ens000d	2	E06000011	157	7	0	7
##	7265	Ens000e	2	E06000011	13187	6	2382	2388
##	7266	Ens000f	2	E06000011	1133	96	0	96
##	7267	Ens000g	2	E06000011	33	4	0	4
##	7268	Ens000h	2	E06000011	1040	0	388	388
##	7269	Ens000i	2	E06000011	128	12	0	12
##	7270	Ens000j	2	E06000011	5	0	0	0
##	7271	Ens000k	2	E06000011	64	3	0	3
##	7272	Ens000l	2	E06000011	120	0	31	31
##	7273	Ens000m	2	E06000011	3033	121	1	122
##	7274	Ens000n	2	E06000011	70	8	0	8
##	7275	Ens000o	2	E06000011	215	0	92	92
##	7276	Ens000p	2	E06000011	785	0	334	334
##	7277	Ens000q	2	E06000011	1	0	0	0
##	7278	Ens000r	2	E06000011	3106	254	2	256

##	7279	Ens000s	2	E06000011	13277	600	662	1262
##	7280	Ens000t	2	E06000011	1677	82	1	83
##	7281	Ens000u	2	E06000011	176	0	31	31
##	7282	Ens000v	2	E06000011	44	2	76	78
##	7283	Ens000w	2	E06000011	27	0	9	9
##	7284	Ens000x	2	E06000011	1394	46	996	1042
##	7285	Ens000y	2	E06000011	5	0	0	0
##	7286	Ens000z	2	E06000011	4	0	0	0
##	7287	Ens0010	2	E06000011	35	0	46	46
##	7288	Ens0011	2	E06000011	113	0	26	26
##	7289	Ens0012	2	E06000011	9	0	2	2
##	7290	Ens0013	2	E06000011	118	0	28	28
##	7291	Ens0014	2	E06000011	124	0	34	34
##	7292	Ens0015	2	E06000011	15166	2462	141	2603
##	7293	Ens0016	2	E06000011	8	0	0	0
##	7294	Ens0017	2	E06000011	337	0	64	64
##	7295	Ens0018	2	E06000011	330	3	26	29
##	7296	Ens0019	2	E06000011	111	8	0	8
##	7297	Ens001a	2	E06000011	49	0	0	0
##	7298	Ens001b	2	E06000011	2000	35	0	35
##	7299	Ens001c	2	E06000011	3	1	0	1
##	7300	Ens001d	2	E06000011	885	0	153	153
##	7301	Ens0000	3	E06000011	602	43	0	43
##	7302	Ens0001	3	E06000011	11	0	0	0
##	7303	Ens0002	3	E06000011	10938	1037	0	1037
##	7304	Ens0003	3	E06000011	29	0	0	0
##	7305	Ens0004	3	E06000011	17	2	0	2
##	7306	Ens0005	3	E06000011	108	0	49	49
##	7307	Ens0006	3	E06000011	254	0	55	55
##	7308	Ens0007	3	E06000011	14	0	2	2
##	7309	Ens0008	3	E06000011	116	5	0	5
##	7310	Ens0009	3	E06000011	1081	0	381	381
##	7311	Ens000a	3	E06000011	230	18	30	48
##	7312	Ens000b	3	E06000011	471	0	78	78
##	7313	Ens000c	3	E06000011	1357	20	7	27
##	7314	Ens000d	3	E06000011	95	1	0	1
##	7315	Ens000e	3	E06000011	12698	9	2384	2393
##	7316	Ens000f	3	E06000011	896	65	0	65
##	7317	Ens000g	3	E06000011	14	0	0	0
##	7318	Ens000h	3	E06000011	1285	2	441	443
##	7319	Ens000i	3	E06000011	178	21	0	21
##	7320	Ens000j	3	E06000011	5	2	0	2
##	7321	Ens000k	3	E06000011	60	0	0	0
##	7322	Ens000l	3	E06000011	51	0	13	13
##	7323	Ens000m	3	E06000011	1372	49	1	50
##	7324	Ens000n	3	E06000011	38	2	0	2
##	7325	Ens000o	3	E06000011	196	0	71	71
##	7326	Ens000p	3	E06000011	1217	0	527	527
##	7327	Ens000q	3	E06000011	2	0	0	0
##	7328	Ens000r	3	E06000011	3469	293	2	295
##	7329	Ens000s	3	E06000011	13354	626	690	1316
##	7330	Ens000t	3	E06000011	1655	85	1	86
##	7331	Ens000u	3	E06000011	242	0	49	49
##	7332	Ens000v	3	E06000011	25	1	41	42
##	7333	Ens000w	3	E06000011	23	0	4	4
##	7334	Ens000x	3	E06000011	1525	60	1057	1117
##	7335	Ens000y	3	E06000011	2	0	1	1
##	7336	Ens000z	3	E06000011	3	0	0	0
##	7337	Ens0010	3	E06000011	21	0	34	34
##	7338	Ens0011	3	E06000011	81	0	15	15
##	7339	Ens0012	3	E06000011	16	0	4	4
##	7340	Ens0013	3	E06000011	106	0	19	19
##	7341	Ens0014	3	E06000011	157	0	39	39
##	7342	Ens0015	3	E06000011	15585	2664	180	2844
##	7343	Ens0016	3	E06000011	10	1	0	1
##	7344	Ens0017	3	E06000011	150	0	29	29
##	7345	Ens0018	3	E06000011	190	1	15	16
##	7346	Ens0019	3	E06000011	66	6	0	6
##	7347	Ens001a	3	E06000011	64	2	0	2
##	7348	Ens001b	3	E06000011	3459	80	0	80

##	7349	Ens001c	3	E06000011	4	1	0	1
##	7350	Ens001d	3	E06000011	862	0	169	169
##	7351	Ens0000	4	E06000011	604	35	0	35
##	7352	Ens0001	4	E06000011	6	0	0	0
##	7353	Ens0002	4	E06000011	10244	881	0	881
##	7354	Ens0003	4	E06000011	17	0	0	0
##	7355	Ens0004	4	E06000011	20	1	0	1
##	7356	Ens0005	4	E06000011	123	0	89	89
##	7357	Ens0006	4	E06000011	251	0	46	46
##	7358	Ens0007	4	E06000011	15	0	0	0
##	7359	Ens0008	4	E06000011	80	5	0	5
##	7360	Ens0009	4	E06000011	1656	0	498	498
##	7361	Ens000a	4	E06000011	150	6	26	32
##	7362	Ens000b	4	E06000011	238	0	52	52
##	7363	Ens000c	4	E06000011	1231	16	10	26
##	7364	Ens000d	4	E06000011	169	5	0	5
##	7365	Ens000e	4	E06000011	11649	6	2102	2108
##	7366	Ens000f	4	E06000011	811	66	0	66
##	7367	Ens000g	4	E06000011	18	2	0	2
##	7368	Ens000h	4	E06000011	1442	0	471	471
##	7369	Ens000i	4	E06000011	245	21	0	21
##	7370	Ens000j	4	E06000011	1	0	0	0
##	7371	Ens000k	4	E06000011	92	3	0	3
##	7372	Ens000l	4	E06000011	62	1	9	10
##	7373	Ens000m	4	E06000011	2368	99	0	99
##	7374	Ens000n	4	E06000011	43	4	0	4
##	7375	Ens000o	4	E06000011	172	0	55	55
##	7376	Ens000p	4	E06000011	1060	0	469	469
##	7377	Ens000q	4	E06000011	0	0	0	0
##	7378	Ens000r	4	E06000011	5727	568	6	574
##	7379	Ens000s	4	E06000011	12842	507	682	1189
##	7380	Ens000t	4	E06000011	1552	77	0	77
##	7381	Ens000u	4	E06000011	229	0	41	41
##	7382	Ens000v	4	E06000011	38	3	50	53
##	7383	Ens000w	4	E06000011	27	0	5	5
##	7384	Ens000x	4	E06000011	1699	52	1111	1163
##	7385	Ens000y	4	E06000011	1	0	0	0
##	7386	Ens000z	4	E06000011	2	0	0	0
##	7387	Ens0010	4	E06000011	39	1	54	55
##	7388	Ens0011	4	E06000011	96	0	18	18
##	7389	Ens0012	4	E06000011	4	0	3	3
##	7390	Ens0013	4	E06000011	72	0	18	18
##	7391	Ens0014	4	E06000011	129	0	41	41
##	7392	Ens0015	4	E06000011	15508	2529	151	2680
##	7393	Ens0016	4	E06000011	22	3	0	3
##	7394	Ens0017	4	E06000011	156	0	31	31
##	7395	Ens0018	4	E06000011	243	3	27	30
##	7396	Ens0019	4	E06000011	43	8	0	8
##	7397	Ens001a	4	E06000011	39	3	0	3
##	7398	Ens001b	4	E06000011	2359	52	0	52
##	7399	Ens001c	4	E06000011	1	0	0	0
##	7400	Ens001d	4	E06000011	877	3	179	182
##	7401	Ens0000	5	E06000011	704	38	0	38
##	7402	Ens0001	5	E06000011	2	1	0	1
##	7403	Ens0002	5	E06000011	10340	883	0	883
##	7404	Ens0003	5	E06000011	14	0	0	0
##	7405	Ens0004	5	E06000011	7	1	0	1
##	7406	Ens0005	5	E06000011	103	0	54	54
##	7407	Ens0006	5	E06000011	190	0	42	42
##	7408	Ens0007	5	E06000011	21	0	1	1
##	7409	Ens0008	5	E06000011	62	2	0	2
##	7410	Ens0009	5	E06000011	1112	0	343	343
##	7411	Ens000a	5	E06000011	175	5	33	38
##	7412	Ens000b	5	E06000011	244	0	39	39
##	7413	Ens000c	5	E06000011	1231	21	7	28
##	7414	Ens000d	5	E06000011	242	7	2	9
##	7415	Ens000e	5	E06000011	11452	5	2110	2115
##	7416	Ens000f	5	E06000011	969	85	0	85
##	7417	Ens000g	5	E06000011	30	3	0	3
##	7418	Ens000h	5	E06000011	1084	0	386	386

##	7419	Ens000i	5	E06000011	605	67	4	71
##	7420	Ens000j	5	E06000011	1	0	0	0
##	7421	Ens000k	5	E06000011	44	2	0	2
##	7422	Ens000l	5	E06000011	49	0	13	13
##	7423	Ens000m	5	E06000011	2915	118	1	119
##	7424	Ens000n	5	E06000011	66	11	0	11
##	7425	Ens000o	5	E06000011	249	0	83	83
##	7426	Ens000p	5	E06000011	980	0	394	394
##	7427	Ens000q	5	E06000011	1	0	0	0
##	7428	Ens000r	5	E06000011	4663	417	6	423
##	7429	Ens000s	5	E06000011	15119	784	704	1488
##	7430	Ens000t	5	E06000011	2054	105	0	105
##	7431	Ens000u	5	E06000011	139	0	32	32
##	7432	Ens000v	5	E06000011	58	5	51	56
##	7433	Ens000w	5	E06000011	23	0	9	9
##	7434	Ens000x	5	E06000011	1428	51	991	1042
##	7435	Ens000y	5	E06000011	4	0	0	0
##	7436	Ens000z	5	E06000011	8	0	0	0
##	7437	Ens0010	5	E06000011	51	3	37	40
##	7438	Ens0011	5	E06000011	73	0	25	25
##	7439	Ens0012	5	E06000011	5	0	1	1
##	7440	Ens0013	5	E06000011	78	0	24	24
##	7441	Ens0014	5	E06000011	239	0	54	54
##	7442	Ens0015	5	E06000011	15067	2373	147	2520
##	7443	Ens0016	5	E06000011	4	0	0	0
##	7444	Ens0017	5	E06000011	128	0	27	27
##	7445	Ens0018	5	E06000011	332	10	30	40
##	7446	Ens0019	5	E06000011	47	2	0	2
##	7447	Ens001a	5	E06000011	51	1	0	1
##	7448	Ens001b	5	E06000011	2594	62	0	62
##	7449	Ens001c	5	E06000011	16	2	0	2
##	7450	Ens001d	5	E06000011	1241	2	262	264
##	7451	Ens0000	6	E06000011	560	32	0	32
##	7452	Ens0001	6	E06000011	3	0	0	0
##	7453	Ens0002	6	E06000011	10032	893	1	894
##	7454	Ens0003	6	E06000011	17	0	0	0
##	7455	Ens0004	6	E06000011	32	1	0	1
##	7456	Ens0005	6	E06000011	126	0	77	77
##	7457	Ens0006	6	E06000011	290	0	54	54
##	7458	Ens0007	6	E06000011	16	0	3	3
##	7459	Ens0008	6	E06000011	67	2	0	2
##	7460	Ens0009	6	E06000011	1214	0	339	339
##	7461	Ens000a	6	E06000011	212	11	34	45
##	7462	Ens000b	6	E06000011	190	0	34	34
##	7463	Ens000c	6	E06000011	1987	31	8	39
##	7464	Ens000d	6	E06000011	94	3	0	3
##	7465	Ens000e	6	E06000011	12769	6	2367	2373
##	7466	Ens000f	6	E06000011	837	69	0	69
##	7467	Ens000g	6	E06000011	25	0	0	0
##	7468	Ens000h	6	E06000011	1283	2	440	442
##	7469	Ens000i	6	E06000011	156	22	0	22
##	7470	Ens000j	6	E06000011	8	0	0	0
##	7471	Ens000k	6	E06000011	30	1	0	1
##	7472	Ens000l	6	E06000011	61	0	7	7
##	7473	Ens000m	6	E06000011	1311	43	0	43
##	7474	Ens000n	6	E06000011	67	8	0	8
##	7475	Ens000o	6	E06000011	224	0	103	103
##	7476	Ens000p	6	E06000011	1145	0	477	477
##	7477	Ens000q	6	E06000011	1	0	0	0
##	7478	Ens000r	6	E06000011	3434	272	6	278
##	7479	Ens000s	6	E06000011	15647	816	775	1591
##	7480	Ens000t	6	E06000011	1316	54	0	54
##	7481	Ens000u	6	E06000011	245	0	53	53
##	7482	Ens000v	6	E06000011	28	2	25	27
##	7483	Ens000w	6	E06000011	27	0	4	4
##	7484	Ens000x	6	E06000011	1116	30	789	819
##	7485	Ens000y	6	E06000011	2	0	0	0
##	7486	Ens000z	6	E06000011	7	0	0	0
##	7487	Ens0010	6	E06000011	32	0	37	37
##	7488	Ens0011	6	E06000011	96	0	16	16

##	7489	Ens0012	6	E06000011	9	0	1	1
##	7490	Ens0013	6	E06000011	75	0	27	27
##	7491	Ens0014	6	E06000011	139	0	44	44
##	7492	Ens0015	6	E06000011	15343	2566	161	2727
##	7493	Ens0016	6	E06000011	15	1	0	1
##	7494	Ens0017	6	E06000011	320	0	65	65
##	7495	Ens0018	6	E06000011	212	3	21	24
##	7496	Ens0019	6	E06000011	56	2	0	2
##	7497	Ens001a	6	E06000011	57	3	0	3
##	7498	Ens001b	6	E06000011	2430	57	0	57
##	7499	Ens001c	6	E06000011	6	0	0	0
##	7500	Ens001d	6	E06000011	877	0	146	146
##	7501	Ens0000	7	E06000011	483	34	0	34
##	7502	Ens0001	7	E06000011	2	0	0	0
##	7503	Ens0002	7	E06000011	10772	973	0	973
##	7504	Ens0003	7	E06000011	19	0	0	0
##	7505	Ens0004	7	E06000011	11	1	0	1
##	7506	Ens0005	7	E06000011	90	0	51	51
##	7507	Ens0006	7	E06000011	168	0	32	32
##	7508	Ens0007	7	E06000011	9	0	1	1
##	7509	Ens0008	7	E06000011	63	1	0	1
##	7510	Ens0009	7	E06000011	1394	0	420	420
##	7511	Ens000a	7	E06000011	260	11	37	48
##	7512	Ens000b	7	E06000011	258	0	40	40
##	7513	Ens000c	7	E06000011	1456	25	7	32
##	7514	Ens000d	7	E06000011	148	0	0	0
##	7515	Ens000e	7	E06000011	13350	9	2485	2494
##	7516	Ens000f	7	E06000011	919	81	0	81
##	7517	Ens000g	7	E06000011	20	3	0	3
##	7518	Ens000h	7	E06000011	1168	2	429	431
##	7519	Ens000i	7	E06000011	145	9	0	9
##	7520	Ens000j	7	E06000011	12	1	0	1
##	7521	Ens000k	7	E06000011	56	3	0	3
##	7522	Ens000l	7	E06000011	140	0	20	20
##	7523	Ens000m	7	E06000011	1491	44	1	45
##	7524	Ens000n	7	E06000011	66	8	0	8
##	7525	Ens000o	7	E06000011	170	0	41	41
##	7526	Ens000p	7	E06000011	1466	0	631	631
##	7527	Ens000q	7	E06000011	0	0	0	0
##	7528	Ens000r	7	E06000011	4868	505	10	515
##	7529	Ens000s	7	E06000011	16831	1000	836	1836
##	7530	Ens000t	7	E06000011	1696	83	0	83
##	7531	Ens000u	7	E06000011	268	0	75	75
##	7532	Ens000v	7	E06000011	25	0	39	39
##	7533	Ens000w	7	E06000011	31	0	11	11
##	7534	Ens000x	7	E06000011	952	29	685	714
##	7535	Ens000y	7	E06000011	11	0	1	1
##	7536	Ens000z	7	E06000011	10	0	1	1
##	7537	Ens0010	7	E06000011	36	0	26	26
##	7538	Ens0011	7	E06000011	82	0	21	21
##	7539	Ens0012	7	E06000011	7	0	3	3
##	7540	Ens0013	7	E06000011	103	0	23	23
##	7541	Ens0014	7	E06000011	197	0	56	56
##	7542	Ens0015	7	E06000011	15210	2473	164	2637
##	7543	Ens0016	7	E06000011	23	6	0	6
##	7544	Ens0017	7	E06000011	128	0	16	16
##	7545	Ens0018	7	E06000011	432	5	42	47
##	7546	Ens0019	7	E06000011	64	3	0	3
##	7547	Ens001a	7	E06000011	44	1	0	1
##	7548	Ens001b	7	E06000011	2819	72	0	72
##	7549	Ens001c	7	E06000011	6	0	0	0
##	7550	Ens001d	7	E06000011	917	0	150	150
##	7551	Ens0000	8	E06000011	378	18	0	18
##	7552	Ens0001	8	E06000011	6	0	0	0
##	7553	Ens0002	8	E06000011	10704	954	0	954
##	7554	Ens0003	8	E06000011	19	1	2	3
##	7555	Ens0004	8	E06000011	18	1	0	1
##	7556	Ens0005	8	E06000011	125	0	65	65
##	7557	Ens0006	8	E06000011	166	0	37	37
##	7558	Ens0007	8	E06000011	21	0	3	3

##	7559	Ens0008	8	E06000011	68	1	0	1
##	7560	Ens0009	8	E06000011	1611	0	532	532
##	7561	Ens000a	8	E06000011	243	11	40	51
##	7562	Ens000b	8	E06000011	234	0	48	48
##	7563	Ens000c	8	E06000011	1887	26	11	37
##	7564	Ens000d	8	E06000011	119	4	0	4
##	7565	Ens000e	8	E06000011	13199	6	2443	2449
##	7566	Ens000f	8	E06000011	992	60	0	60
##	7567	Ens000g	8	E06000011	28	1	0	1
##	7568	Ens000h	8	E06000011	1285	0	496	496
##	7569	Ens000i	8	E06000011	166	14	1	15
##	7570	Ens000j	8	E06000011	2	0	0	0
##	7571	Ens000k	8	E06000011	68	6	0	6
##	7572	Ens000l	8	E06000011	220	0	49	49
##	7573	Ens000m	8	E06000011	1965	91	1	92
##	7574	Ens000n	8	E06000011	81	8	0	8
##	7575	Ens000o	8	E06000011	191	0	83	83
##	7576	Ens000p	8	E06000011	1160	0	490	490
##	7577	Ens000q	8	E06000011	2	0	0	0
##	7578	Ens000r	8	E06000011	4669	459	5	464
##	7579	Ens000s	8	E06000011	13876	621	680	1301
##	7580	Ens000t	8	E06000011	1388	59	0	59
##	7581	Ens000u	8	E06000011	153	0	32	32
##	7582	Ens000v	8	E06000011	22	0	46	46
##	7583	Ens000w	8	E06000011	25	0	4	4
##	7584	Ens000x	8	E06000011	783	27	564	591
##	7585	Ens000y	8	E06000011	0	0	1	1
##	7586	Ens000z	8	E06000011	4	0	2	2
##	7587	Ens0010	8	E06000011	40	0	31	31
##	7588	Ens0011	8	E06000011	316	0	49	49
##	7589	Ens0012	8	E06000011	4	0	1	1
##	7590	Ens0013	8	E06000011	95	0	22	22
##	7591	Ens0014	8	E06000011	138	0	36	36
##	7592	Ens0015	8	E06000011	15474	2495	163	2658
##	7593	Ens0016	8	E06000011	15	1	0	1
##	7594	Ens0017	8	E06000011	150	0	37	37
##	7595	Ens0018	8	E06000011	284	5	25	30
##	7596	Ens0019	8	E06000011	51	6	0	6
##	7597	Ens001a	8	E06000011	80	5	0	5
##	7598	Ens001b	8	E06000011	2976	76	2	78
##	7599	Ens001c	8	E06000011	3	2	0	2
##	7600	Ens001d	8	E06000011	788	2	156	158
##	7601	Ens0000	9	E06000011	483	26	0	26
##	7602	Ens0001	9	E06000011	10	0	0	0
##	7603	Ens0002	9	E06000011	10677	992	0	992
##	7604	Ens0003	9	E06000011	22	0	0	0
##	7605	Ens0004	9	E06000011	14	1	0	1
##	7606	Ens0005	9	E06000011	102	0	62	62
##	7607	Ens0006	9	E06000011	239	0	40	40
##	7608	Ens0007	9	E06000011	10	0	3	3
##	7609	Ens0008	9	E06000011	50	2	0	2
##	7610	Ens0009	9	E06000011	1895	0	622	622
##	7611	Ens000a	9	E06000011	175	11	29	40
##	7612	Ens000b	9	E06000011	267	0	30	30
##	7613	Ens000c	9	E06000011	1392	24	9	33
##	7614	Ens000d	9	E06000011	141	1	1	2
##	7615	Ens000e	9	E06000011	12049	5	2178	2183
##	7616	Ens000f	9	E06000011	1045	85	0	85
##	7617	Ens000g	9	E06000011	22	2	0	2
##	7618	Ens000h	9	E06000011	1437	2	522	524
##	7619	Ens000i	9	E06000011	340	37	2	39
##	7620	Ens000j	9	E06000011	8	0	0	0
##	7621	Ens000k	9	E06000011	47	2	0	2
##	7622	Ens000l	9	E06000011	45	0	14	14
##	7623	Ens000m	9	E06000011	1530	63	1	64
##	7624	Ens000n	9	E06000011	44	3	0	3
##	7625	Ens000o	9	E06000011	222	0	77	77
##	7626	Ens000p	9	E06000011	1057	0	421	421
##	7627	Ens000q	9	E06000011	0	0	0	0
##	7628	Ens000r	9	E06000011	3672	318	1	319

##	7629	Ens000s	9	E06000011	13933	622	713	1335
##	7630	Ens000t	9	E06000011	4466	249	1	250
##	7631	Ens000u	9	E06000011	405	0	81	81
##	7632	Ens000v	9	E06000011	29	3	43	46
##	7633	Ens000w	9	E06000011	49	0	9	9
##	7634	Ens000x	9	E06000011	1454	46	940	986
##	7635	Ens000y	9	E06000011	0	0	0	0
##	7636	Ens000z	9	E06000011	5	0	0	0
##	7637	Ens0010	9	E06000011	111	7	103	110
##	7638	Ens0011	9	E06000011	63	0	18	18
##	7639	Ens0012	9	E06000011	8	0	2	2
##	7640	Ens0013	9	E06000011	94	0	29	29
##	7641	Ens0014	9	E06000011	154	0	45	45
##	7642	Ens0015	9	E06000011	15473	2376	165	2541
##	7643	Ens0016	9	E06000011	23	4	0	4
##	7644	Ens0017	9	E06000011	160	0	41	41
##	7645	Ens0018	9	E06000011	307	4	31	35
##	7646	Ens0019	9	E06000011	29	4	0	4
##	7647	Ens001a	9	E06000011	61	3	0	3
##	7648	Ens001b	9	E06000011	2288	47	0	47
##	7649	Ens001c	9	E06000011	1	0	0	0
##	7650	Ens001d	9	E06000011	851	2	164	166
##	7651	Ens0000	10	E06000011	372	19	0	19
##	7652	Ens0001	10	E06000011	6	1	0	1
##	7653	Ens0002	10	E06000011	10686	940	0	940
##	7654	Ens0003	10	E06000011	18	0	0	0
##	7655	Ens0004	10	E06000011	15	0	0	0
##	7656	Ens0005	10	E06000011	156	0	92	92
##	7657	Ens0006	10	E06000011	169	0	54	54
##	7658	Ens0007	10	E06000011	10	0	1	1
##	7659	Ens0008	10	E06000011	79	3	0	3
##	7660	Ens0009	10	E06000011	1270	0	429	429
##	7661	Ens000a	10	E06000011	189	9	27	36
##	7662	Ens000b	10	E06000011	173	0	20	20
##	7663	Ens000c	10	E06000011	1437	18	10	28
##	7664	Ens000d	10	E06000011	142	1	0	1
##	7665	Ens000e	10	E06000011	12114	5	2214	2219
##	7666	Ens000f	10	E06000011	795	50	0	50
##	7667	Ens000g	10	E06000011	20	2	0	2
##	7668	Ens000h	10	E06000011	1291	0	436	436
##	7669	Ens000i	10	E06000011	195	16	0	16
##	7670	Ens000j	10	E06000011	3	0	0	0
##	7671	Ens000k	10	E06000011	39	3	0	3
##	7672	Ens000l	10	E06000011	131	1	36	37
##	7673	Ens000m	10	E06000011	2343	99	0	99
##	7674	Ens000n	10	E06000011	60	6	0	6
##	7675	Ens000o	10	E06000011	220	1	83	84
##	7676	Ens000p	10	E06000011	978	0	378	378
##	7677	Ens000q	10	E06000011	1	0	0	0
##	7678	Ens000r	10	E06000011	3416	311	2	313
##	7679	Ens000s	10	E06000011	14190	654	712	1366
##	7680	Ens000t	10	E06000011	1355	76	0	76
##	7681	Ens000u	10	E06000011	212	0	43	43
##	7682	Ens000v	10	E06000011	29	1	45	46
##	7683	Ens000w	10	E06000011	31	0	7	7
##	7684	Ens000x	10	E06000011	1404	46	1041	1087
##	7685	Ens000y	10	E06000011	1	0	0	0
##	7686	Ens000z	10	E06000011	3	0	0	0
##	7687	Ens0010	10	E06000011	63	3	73	76
##	7688	Ens0011	10	E06000011	54	0	16	16
##	7689	Ens0012	10	E06000011	5	0	0	0
##	7690	Ens0013	10	E06000011	106	2	37	39
##	7691	Ens0014	10	E06000011	161	0	58	58
##	7692	Ens0015	10	E06000011	15189	2276	166	2442
##	7693	Ens0016	10	E06000011	17	2	0	2
##	7694	Ens0017	10	E06000011	219	0	36	36
##	7695	Ens0018	10	E06000011	323	1	26	27
##	7696	Ens0019	10	E06000011	58	2	0	2
##	7697	Ens001a	10	E06000011	58	3	0	3
##	7698	Ens001b	10	E06000011	2854	67	2	69



##	7699	Ens001c	10	E06000011	10	0	0	0
##	7700	Ens001d	10	E06000011	1410	3	258	261
##	7701	Ens0000	1	E06000012	245	6	0	6
##	7702	Ens0001	1	E06000012	5	0	0	0
##	7703	Ens0002	1	E06000012	5398	495	0	495
##	7704	Ens0003	1	E06000012	16	0	0	0
##	7705	Ens0004	1	E06000012	2	0	0	0
##	7706	Ens0005	1	E06000012	57	0	31	31
##	7707	Ens0006	1	E06000012	112	0	23	23
##	7708	Ens0007	1	E06000012	9	0	0	0
##	7709	Ens0008	1	E06000012	31	0	0	0
##	7710	Ens0009	1	E06000012	1050	0	341	341
##	7711	Ens000a	1	E06000012	120	5	22	27
##	7712	Ens000b	1	E06000012	134	0	25	25
##	7713	Ens000c	1	E06000012	640	14	5	19
##	7714	Ens000d	1	E06000012	42	0	0	0
##	7715	Ens000e	1	E06000012	6380	2	1221	1223
##	7716	Ens000f	1	E06000012	388	24	0	24
##	7717	Ens000g	1	E06000012	20	0	0	0
##	7718	Ens000h	1	E06000012	608	0	189	189
##	7719	Ens000i	1	E06000012	64	6	0	6
##	7720	Ens000j	1	E06000012	2	0	0	0
##	7721	Ens000k	1	E06000012	30	1	0	1
##	7722	Ens000l	1	E06000012	28	0	7	7
##	7723	Ens000m	1	E06000012	1098	55	0	55
##	7724	Ens000n	1	E06000012	51	2	0	2
##	7725	Ens000o	1	E06000012	94	0	30	30
##	7726	Ens000p	1	E06000012	407	0	162	162
##	7727	Ens000q	1	E06000012	0	0	0	0
##	7728	Ens000r	1	E06000012	2221	222	0	222
##	7729	Ens000s	1	E06000012	7422	382	377	759
##	7730	Ens000t	1	E06000012	1202	71	0	71
##	7731	Ens000u	1	E06000012	125	0	28	28
##	7732	Ens000v	1	E06000012	25	3	25	28
##	7733	Ens000w	1	E06000012	17	0	7	7
##	7734	Ens000x	1	E06000012	462	15	355	370
##	7735	Ens000y	1	E06000012	0	0	0	0
##	7736	Ens000z	1	E06000012	7	0	1	1
##	7737	Ens0010	1	E06000012	6	0	13	13
##	7738	Ens0011	1	E06000012	81	0	16	16
##	7739	Ens0012	1	E06000012	4	0	2	2
##	7740	Ens0013	1	E06000012	53	1	14	15
##	7741	Ens0014	1	E06000012	105	0	27	27
##	7742	Ens0015	1	E06000012	7490	1323	79	1402
##	7743	Ens0016	1	E06000012	13	1	0	1
##	7744	Ens0017	1	E06000012	119	0	12	12
##	7745	Ens0018	1	E06000012	110	1	9	10
##	7746	Ens0019	1	E06000012	14	0	0	0
##	7747	Ens001a	1	E06000012	84	6	0	6
##	7748	Ens001b	1	E06000012	1766	56	0	56
##	7749	Ens001c	1	E06000012	1	0	0	0
##	7750	Ens001d	1	E06000012	684	1	120	121
##	7751	Ens001e	1	E06000012	79	0	34	34
##	7752	Ens001f	1	E06000012	17	2	0	2
##	7753	Ens001g	1	E06000012	1399	0	570	570
##	7754	Ens001h	1	E06000012	806	13	57	70
##	7755	Ens001i	1	E06000012	3	0	0	0
##	7756	Ens001j	1	E06000012	29	0	0	0
##	7757	Ens001k	1	E06000012	4	0	0	0
##	7758	Ens001l	1	E06000012	10	3	0	3
##	7759	Ens001m	1	E06000012	127	0	0	0
##	7760	Ens001n	1	E06000012	398	10	5	15
##	7761	Ens001o	1	E06000012	8	0	2	2
##	7762	Ens001p	1	E06000012	1642	167	0	167
##	7763	Ens001q	1	E06000012	808	25	0	25
##	7764	Ens001r	1	E06000012	477	20	2	22
##	7765	Ens001s	1	E06000012	116	0	23	23
##	7766	Ens001t	1	E06000012	1	0	0	0
##	7767	Ens001u	1	E06000012	20	1	0	1
##	7768	Ens001v	1	E06000012	1020	33	0	33

##	7769	Ens001w	1	E06000012	700	37	0	37
##	7770	Ens001x	1	E06000012	0	0	0	0
##	7771	Ens001y	1	E06000012	3522	497	0	497
##	7772	Ens001z	1	E06000012	1	0	0	0
##	7773	Ens0020	1	E06000012	41	3	1	4
##	7774	Ens0021	1	E06000012	169	5	41	46
##	7775	Ens0022	1	E06000012	102	1	0	1
##	7776	Ens0023	1	E06000012	5803	919	0	919
##	7777	Ens0024	1	E06000012	6	2	0	2
##	7778	Ens0025	1	E06000012	32	2	0	2
##	7779	Ens0026	1	E06000012	5309	0	1254	1254
##	7780	Ens0027	1	E06000012	7	0	0	0
##	7781	Ens0028	1	E06000012	2	0	0	0
##	7782	Ens0029	1	E06000012	1224	60	302	362
##	7783	Ens002a	1	E06000012	58	0	12	12
##	7784	Ens002b	1	E06000012	1143	11	0	11
##	7785	Ens002c	1	E06000012	180	0	48	48
##	7786	Ens002d	1	E06000012	49	2	0	2
##	7787	Ens002e	1	E06000012	232	0	98	98
##	7788	Ens002f	1	E06000012	43	0	32	32
##	7789	Ens002g	1	E06000012	839	45	0	45
##	7790	Ens002h	1	E06000012	1098	0	228	228
##	7791	Ens002i	1	E06000012	2725	35	0	35
##	7792	Ens002j	1	E06000012	45	3	1	4
##	7793	Ens002k	1	E06000012	1	0	0	0
##	7794	Ens002l	1	E06000012	118	5	0	5
##	7795	Ens002m	1	E06000012	108	3	0	3
##	7796	Ens002n	1	E06000012	97	11	11	22
##	7797	Ens002o	1	E06000012	435	10	24	34
##	7798	Ens002p	1	E06000012	102	5	1	6
##	7799	Ens002q	1	E06000012	2	0	0	0
##	7800	Ens002r	1	E06000012	2	0	0	0
##	7801	Ens002s	1	E06000012	327	3	0	3
##	7802	Ens002t	1	E06000012	2695	330	0	330
##	7803	Ens002u	1	E06000012	42	4	0	4
##	7804	Ens002v	1	E06000012	11	1	0	1
##	7805	Ens002w	1	E06000012	2643	141	0	141
##	7806	Ens002x	1	E06000012	1347	67	0	67
##	7807	Ens002y	1	E06000012	339	15	63	78
##	7808	Ens002z	1	E06000012	1982	0	298	298
##	7809	Ens0030	1	E06000012	3635	0	439	439
##	7810	Ens0031	1	E06000012	32	0	4	4
##	7811	Ens0032	1	E06000012	465	20	0	20
##	7812	Ens0033	1	E06000012	5033	188	9	197
##	7813	Ens0034	1	E06000012	98	0	11	11
##	7814	Ens0035	1	E06000012	1174	66	5	71
##	7815	Ens0036	1	E06000012	16	0	2	2
##	7816	Ens0037	1	E06000012	44	3	0	3
##	7817	Ens0038	1	E06000012	1680	0	397	397
##	7818	Ens0039	1	E06000012	25	0	8	8
##	7819	Ens003a	1	E06000012	1530	160	0	160
##	7820	Ens003b	1	E06000012	3	1	0	1
##	7821	Ens003c	1	E06000012	13	0	1	1
##	7822	Ens003d	1	E06000012	59	2	0	2
##	7823	Ens003e	1	E06000012	5487	0	955	955
##	7824	Ens003f	1	E06000012	29	0	12	12
##	7825	Ens003g	1	E06000012	17	0	0	0
##	7826	Ens003h	1	E06000012	38	1	0	1
##	7827	Ens003i	1	E06000012	41	0	13	13
##	7828	Ens003j	1	E06000012	2	0	0	0
##	7829	Ens003k	1	E06000012	102	3	20	23
##	7830	Ens003l	1	E06000012	6	1	0	1
##	7831	Ens003m	1	E06000012	1	0	0	0
##	7832	Ens003n	1	E06000012	2	0	0	0
##	7833	Ens003o	1	E06000012	5	0	0	0
##	7834	Ens003p	1	E06000012	34	1	0	1
##	7835	Ens003q	1	E06000012	68	2	0	2
##	7836	Ens003r	1	E06000012	17	0	4	4
##	7837	Ens003s	1	E06000012	11	0	0	0
##	7838	Ens003t	1	E06000012	9	0	0	0

##	7839	Ens003u	1	E06000012	724	9	34	43
##	7840	Ens003v	1	E06000012	3	0	0	0
##	7841	Ens003w	1	E06000012	3372	78	547	625
##	7842	Ens003x	1	E06000012	1	0	0	0
##	7843	Ens003y	1	E06000012	612	18	12	30
##	7844	Ens003z	1	E06000012	480	30	0	30
##	7845	Ens0040	1	E06000012	11	0	3	3
##	7846	Ens0041	1	E06000012	77	11	0	11
##	7847	Ens0042	1	E06000012	0	0	0	0
##	7848	Ens0043	1	E06000012	11	0	4	4
##	7849	Ens0044	1	E06000012	4185	91	2	93
##	7850	Ens0045	1	E06000012	477	12	11	23
##	7851	Ens0046	1	E06000012	2675	229	0	229
##	7852	Ens0047	1	E06000012	266	0	82	82
##	7853	Ens0048	1	E06000012	602	28	0	28
##	7854	Ens0049	1	E06000012	0	0	0	0
##	7855	Ens004a	1	E06000012	375	0	115	115
##	7856	Ens004b	1	E06000012	2	0	3	3
##	7857	Ens004c	1	E06000012	0	0	0	0
##	7858	Ens004d	1	E06000012	2	1	0	1
##	7859	Ens004e	1	E06000012	910	0	178	178
##	7860	Ens004f	1	E06000012	0	0	0	0
##	7861	Ens004g	1	E06000012	144	0	48	48
##	7862	Ens004h	1	E06000012	3855	0	358	358
##	7863	Ens004i	1	E06000012	73	0	23	23
##	7864	Ens004j	1	E06000012	4	1	0	1
##	7865	Ens004k	1	E06000012	7738	645	0	645
##	7866	Ens004l	1	E06000012	63	0	46	46
##	7867	Ens004m	1	E06000012	1	0	0	0
##	7868	Ens004n	1	E06000012	10	1	0	1
##	7869	Ens004o	1	E06000012	50	0	0	0
##	7870	Ens004p	1	E06000012	10	0	3	3
##	7871	Ens004q	1	E06000012	1311	14	9	23
##	7872	Ens004r	1	E06000012	31	0	0	0
##	7873	Ens004s	1	E06000012	8	0	2	2
##	7874	Ens004t	1	E06000012	59	5	0	5
##	7875	Ens004u	1	E06000012	38	1	0	1
##	7876	Ens004v	1	E06000012	458	27	2	29
##	7877	Ens004w	1	E06000012	18	0	6	6
##	7878	Ens004x	1	E06000012	1269	0	333	333
##	7879	Ens004y	1	E06000012	17	0	6	6
##	7880	Ens004z	1	E06000012	98	2	29	31
##	7881	Ens0050	1	E06000012	1	0	1	1
##	7882	Ens0051	1	E06000012	29	4	1	5
##	7883	Ens0052	1	E06000012	13	0	0	0
##	7884	Ens0053	1	E06000012	6551	519	53	572
##	7885	Ens0054	1	E06000012	6	0	1	1
##	7886	Ens0055	1	E06000012	162	0	1	1
##	7887	Ens0056	1	E06000012	3507	80	0	80
##	7888	Ens0057	1	E06000012	1808	96	1	97
##	7889	Ens0058	1	E06000012	808	6	239	245
##	7890	Ens0059	1	E06000012	225	12	0	12
##	7891	Ens005a	1	E06000012	3649	0	1140	1140
##	7892	Ens005b	1	E06000012	426	0	101	101
##	7893	Ens005c	1	E06000012	12	0	0	0
##	7894	Ens005d	1	E06000012	27	0	0	0
##	7895	Ens005e	1	E06000012	299	0	115	115
##	7896	Ens005f	1	E06000012	642	0	63	63
##	7897	Ens005g	1	E06000012	102	0	9	9
##	7898	Ens005h	1	E06000012	4	0	1	1
##	7899	Ens005i	1	E06000012	1	0	0	0
##	7900	Ens005j	1	E06000012	1207	86	3	89
##	7901	Ens005k	1	E06000012	154	10	0	10
##	7902	Ens005l	1	E06000012	6	0	0	0
##	7903	Ens005m	1	E06000012	21	0	2	2
##	7904	Ens005n	1	E06000012	174	1	0	1
##	7905	Ens005o	1	E06000012	672	0	345	345
##	7906	Ens005p	1	E06000012	143	0	36	36
##	7907	Ens005q	1	E06000012	1	0	0	0
##	7908	Ens005r	1	E06000012	5	0	0	0

##	7909	Ens005s	1	E06000012	2	0	0	0
##	7910	Ens005t	1	E06000012	1161	3	2676	2679
##	7911	Ens005u	1	E06000012	57	3	0	3
##	7912	Ens005v	1	E06000012	90	2	43	45
##	7913	Ens005w	1	E06000012	662	0	351	351
##	7914	Ens005x	1	E06000012	23	0	2	2
##	7915	Ens005y	1	E06000012	436	33	0	33
##	7916	Ens005z	1	E06000012	136	0	42	42
##	7917	Ens0060	1	E06000012	129	3	0	3
##	7918	Ens0061	1	E06000012	3730	366	20	386
##	7919	Ens0062	1	E06000012	3015	0	784	784
##	7920	Ens0063	1	E06000012	59	1	0	1
##	7921	Ens0064	1	E06000012	2207	132	128	260
##	7922	Ens0065	1	E06000012	4	0	0	0
##	7923	Ens0066	1	E06000012	184	11	12	23
##	7924	Ens0067	1	E06000012	0	0	0	0
##	7925	Ens0068	1	E06000012	0	0	0	0
##	7926	Ens0069	1	E06000012	11	0	0	0
##	7927	Ens006a	1	E06000012	73	1	0	1
##	7928	Ens006b	1	E06000012	698	26	0	26
##	7929	Ens006c	1	E06000012	3959	754	12	766
##	7930	Ens006d	1	E06000012	1067	0	417	417
##	7931	Ens006e	1	E06000012	284	31	5	36
##	7932	Ens006f	1	E06000012	2843	0	542	542
##	7933	Ens006g	1	E06000012	5345	709	0	709
##	7934	Ens006h	1	E06000012	80	0	12	12
##	7935	Ens006i	1	E06000012	2636	67	0	67
##	7936	Ens006j	1	E06000012	1	0	1	1
##	7937	Ens006k	1	E06000012	309	10	0	10
##	7938	Ens006l	1	E06000012	131	2	28	30
##	7939	Ens006m	1	E06000012	4634	281	0	281
##	7940	Ens006n	1	E06000012	73	4	0	4
##	7941	Ens006o	1	E06000012	176	5	3	8
##	7942	Ens006p	1	E06000012	9	1	2	3
##	7943	Ens006q	1	E06000012	44	0	11	11
##	7944	Ens006r	1	E06000012	88	0	24	24
##	7945	Ens006s	1	E06000012	101	0	75	75
##	7946	Ens006t	1	E06000012	7	0	4	4
##	7947	Ens006u	1	E06000012	3	0	0	0
##	7948	Ens006v	1	E06000012	19	0	3	3
##	7949	Ens006w	1	E06000012	3	0	0	0
##	7950	Ens006x	1	E06000012	64	3	0	3
##	7951	Ens0000	2	E06000012	445	29	0	29
##	7952	Ens0001	2	E06000012	1	0	0	0
##	7953	Ens0002	2	E06000012	5570	547	0	547
##	7954	Ens0003	2	E06000012	10	0	0	0
##	7955	Ens0004	2	E06000012	2	0	0	0
##	7956	Ens0005	2	E06000012	51	0	32	32
##	7957	Ens0006	2	E06000012	97	0	20	20
##	7958	Ens0007	2	E06000012	7	0	0	0
##	7959	Ens0008	2	E06000012	66	4	0	4
##	7960	Ens0009	2	E06000012	662	0	253	253
##	7961	Ens000a	2	E06000012	149	6	27	33
##	7962	Ens000b	2	E06000012	93	0	16	16
##	7963	Ens000c	2	E06000012	870	19	7	26
##	7964	Ens000d	2	E06000012	72	1	0	1
##	7965	Ens000e	2	E06000012	6846	3	1295	1298
##	7966	Ens000f	2	E06000012	485	34	0	34
##	7967	Ens000g	2	E06000012	15	1	0	1
##	7968	Ens000h	2	E06000012	788	2	260	262
##	7969	Ens000i	2	E06000012	80	8	0	8
##	7970	Ens000j	2	E06000012	1	0	0	0
##	7971	Ens000k	2	E06000012	19	0	0	0
##	7972	Ens000l	2	E06000012	130	0	23	23
##	7973	Ens000m	2	E06000012	1033	35	0	35
##	7974	Ens000n	2	E06000012	34	5	0	5
##	7975	Ens000o	2	E06000012	170	0	64	64
##	7976	Ens000p	2	E06000012	598	0	296	296
##	7977	Ens000q	2	E06000012	0	0	0	0
##	7978	Ens000r	2	E06000012	1931	162	2	164

##	7979	Ens000s	2	E06000012	6869	335	331	666
##	7980	Ens000t	2	E06000012	736	37	0	37
##	7981	Ens000u	2	E06000012	64	0	22	22
##	7982	Ens000v	2	E06000012	20	1	29	30
##	7983	Ens000w	2	E06000012	13	0	2	2
##	7984	Ens000x	2	E06000012	576	16	373	389
##	7985	Ens000y	2	E06000012	0	0	0	0
##	7986	Ens000z	2	E06000012	0	0	0	0
##	7987	Ens0010	2	E06000012	23	2	24	26
##	7988	Ens0011	2	E06000012	37	0	10	10
##	7989	Ens0012	2	E06000012	4	0	1	1
##	7990	Ens0013	2	E06000012	55	0	7	7
##	7991	Ens0014	2	E06000012	96	0	34	34
##	7992	Ens0015	2	E06000012	7531	1299	87	1386
##	7993	Ens0016	2	E06000012	7	0	0	0
##	7994	Ens0017	2	E06000012	129	0	21	21
##	7995	Ens0018	2	E06000012	399	8	36	44
##	7996	Ens0019	2	E06000012	92	8	0	8
##	7997	Ens001a	2	E06000012	85	2	0	2
##	7998	Ens001b	2	E06000012	1212	27	0	27
##	7999	Ens001c	2	E06000012	1	0	0	0
##	8000	Ens001d	2	E06000012	511	0	111	111
##	8001	Ens0000	3	E06000012	296	21	0	21
##	8002	Ens0001	3	E06000012	2	0	0	0
##	8003	Ens0002	3	E06000012	5626	592	0	592
##	8004	Ens0003	3	E06000012	7	0	0	0
##	8005	Ens0004	3	E06000012	0	0	0	0
##	8006	Ens0005	3	E06000012	52	0	28	28
##	8007	Ens0006	3	E06000012	251	0	44	44
##	8008	Ens0007	3	E06000012	9	0	2	2
##	8009	Ens0008	3	E06000012	133	4	0	4
##	8010	Ens0009	3	E06000012	737	0	226	226
##	8011	Ens000a	3	E06000012	117	9	15	24
##	8012	Ens000b	3	E06000012	157	0	20	20
##	8013	Ens000c	3	E06000012	768	14	1	15
##	8014	Ens000d	3	E06000012	94	2	1	3
##	8015	Ens000e	3	E06000012	6169	3	1087	1090
##	8016	Ens000f	3	E06000012	530	36	0	36
##	8017	Ens000g	3	E06000012	5	1	0	1
##	8018	Ens000h	3	E06000012	659	0	221	221
##	8019	Ens000i	3	E06000012	247	24	3	27
##	8020	Ens000j	3	E06000012	0	0	0	0
##	8021	Ens000k	3	E06000012	23	0	0	0
##	8022	Ens000l	3	E06000012	27	0	3	3
##	8023	Ens000m	3	E06000012	935	32	0	32
##	8024	Ens000n	3	E06000012	20	1	0	1
##	8025	Ens000o	3	E06000012	75	0	35	35
##	8026	Ens000p	3	E06000012	499	0	194	194
##	8027	Ens000q	3	E06000012	2	0	0	0
##	8028	Ens000r	3	E06000012	1540	112	1	113
##	8029	Ens000s	3	E06000012	6637	296	323	619
##	8030	Ens000t	3	E06000012	685	32	0	32
##	8031	Ens000u	3	E06000012	184	0	43	43
##	8032	Ens000v	3	E06000012	7	0	19	19
##	8033	Ens000w	3	E06000012	12	0	5	5
##	8034	Ens000x	3	E06000012	1307	33	955	988
##	8035	Ens000y	3	E06000012	1	0	0	0
##	8036	Ens000z	3	E06000012	5	0	1	1
##	8037	Ens0010	3	E06000012	19	1	20	21
##	8038	Ens0011	3	E06000012	46	0	12	12
##	8039	Ens0012	3	E06000012	8	1	1	2
##	8040	Ens0013	3	E06000012	63	0	12	12
##	8041	Ens0014	3	E06000012	64	0	12	12
##	8042	Ens0015	3	E06000012	7510	1250	78	1328
##	8043	Ens0016	3	E06000012	2	1	0	1
##	8044	Ens0017	3	E06000012	98	0	14	14
##	8045	Ens0018	3	E06000012	143	1	12	13
##	8046	Ens0019	3	E06000012	22	2	0	2
##	8047	Ens001a	3	E06000012	26	0	0	0
##	8048	Ens001b	3	E06000012	1945	43	0	43

##	8049	Ens001c	3	E06000012	1	0	0	0
##	8050	Ens001d	3	E06000012	470	0	71	71
##	8051	Ens0000	4	E06000012	442	26	0	26
##	8052	Ens0001	4	E06000012	2	0	0	0
##	8053	Ens0002	4	E06000012	5762	610	0	610
##	8054	Ens0003	4	E06000012	6	0	0	0
##	8055	Ens0004	4	E06000012	3	0	0	0
##	8056	Ens0005	4	E06000012	45	0	37	37
##	8057	Ens0006	4	E06000012	105	0	31	31
##	8058	Ens0007	4	E06000012	10	0	1	1
##	8059	Ens0008	4	E06000012	18	0	0	0
##	8060	Ens0009	4	E06000012	861	0	235	235
##	8061	Ens000a	4	E06000012	64	3	5	8
##	8062	Ens000b	4	E06000012	111	0	12	12
##	8063	Ens000c	4	E06000012	809	9	1	10
##	8064	Ens000d	4	E06000012	98	2	0	2
##	8065	Ens000e	4	E06000012	5679	2	1027	1029
##	8066	Ens000f	4	E06000012	661	43	0	43
##	8067	Ens000g	4	E06000012	5	0	0	0
##	8068	Ens000h	4	E06000012	561	0	201	201
##	8069	Ens000i	4	E06000012	187	20	2	22
##	8070	Ens000j	4	E06000012	3	0	0	0
##	8071	Ens000k	4	E06000012	45	5	0	5
##	8072	Ens000l	4	E06000012	17	0	4	4
##	8073	Ens000m	4	E06000012	1148	46	0	46
##	8074	Ens000n	4	E06000012	31	2	0	2
##	8075	Ens000o	4	E06000012	85	0	33	33
##	8076	Ens000p	4	E06000012	516	0	225	225
##	8077	Ens000q	4	E06000012	0	0	0	0
##	8078	Ens000r	4	E06000012	2161	216	0	216
##	8079	Ens000s	4	E06000012	6535	301	327	628
##	8080	Ens000t	4	E06000012	728	32	0	32
##	8081	Ens000u	4	E06000012	145	0	29	29
##	8082	Ens000v	4	E06000012	17	1	27	28
##	8083	Ens000w	4	E06000012	9	0	4	4
##	8084	Ens000x	4	E06000012	1210	39	834	873
##	8085	Ens000y	4	E06000012	1	0	1	1
##	8086	Ens000z	4	E06000012	4	0	1	1
##	8087	Ens0010	4	E06000012	18	0	13	13
##	8088	Ens0011	4	E06000012	57	0	13	13
##	8089	Ens0012	4	E06000012	2	0	0	0
##	8090	Ens0013	4	E06000012	37	0	7	7
##	8091	Ens0014	4	E06000012	138	0	39	39
##	8092	Ens0015	4	E06000012	7339	1277	69	1346
##	8093	Ens0016	4	E06000012	9	0	0	0
##	8094	Ens0017	4	E06000012	80	0	11	11
##	8095	Ens0018	4	E06000012	198	8	22	30
##	8096	Ens0019	4	E06000012	13	1	0	1
##	8097	Ens001a	4	E06000012	36	1	0	1
##	8098	Ens001b	4	E06000012	1553	38	0	38
##	8099	Ens001c	4	E06000012	0	0	0	0
##	8100	Ens001d	4	E06000012	581	1	102	103
##	8101	Ens0000	5	E06000012	329	17	0	17
##	8102	Ens0001	5	E06000012	6	0	0	0
##	8103	Ens0002	5	E06000012	5696	583	0	583
##	8104	Ens0003	5	E06000012	6	0	0	0
##	8105	Ens0004	5	E06000012	1	0	0	0
##	8106	Ens0005	5	E06000012	36	0	24	24
##	8107	Ens0006	5	E06000012	77	0	25	25
##	8108	Ens0007	5	E06000012	4	0	1	1
##	8109	Ens0008	5	E06000012	27	0	0	0
##	8110	Ens0009	5	E06000012	753	0	230	230
##	8111	Ens000a	5	E06000012	116	10	9	19
##	8112	Ens000b	5	E06000012	120	0	19	19
##	8113	Ens000c	5	E06000012	966	15	4	19
##	8114	Ens000d	5	E06000012	79	5	1	6
##	8115	Ens000e	5	E06000012	5583	1	1016	1017
##	8116	Ens000f	5	E06000012	789	64	0	64
##	8117	Ens000g	5	E06000012	14	0	0	0
##	8118	Ens000h	5	E06000012	576	2	207	209

##	8119	Ens000i	5	E06000012	150	19	1	20
##	8120	Ens000j	5	E06000012	1	0	0	0
##	8121	Ens000k	5	E06000012	22	2	0	2
##	8122	Ens000l	5	E06000012	34	1	9	10
##	8123	Ens000m	5	E06000012	1151	38	0	38
##	8124	Ens000n	5	E06000012	36	3	0	3
##	8125	Ens000o	5	E06000012	112	0	41	41
##	8126	Ens000p	5	E06000012	568	0	190	190
##	8127	Ens000q	5	E06000012	0	0	0	0
##	8128	Ens000r	5	E06000012	2370	234	2	236
##	8129	Ens000s	5	E06000012	7029	358	324	682
##	8130	Ens000t	5	E06000012	787	28	0	28
##	8131	Ens000u	5	E06000012	43	0	9	9
##	8132	Ens000v	5	E06000012	14	2	27	29
##	8133	Ens000w	5	E06000012	14	0	3	3
##	8134	Ens000x	5	E06000012	705	17	517	534
##	8135	Ens000y	5	E06000012	0	0	0	0
##	8136	Ens000z	5	E06000012	2	0	0	0
##	8137	Ens0010	5	E06000012	38	0	32	32
##	8138	Ens0011	5	E06000012	43	0	8	8
##	8139	Ens0012	5	E06000012	2	0	0	0
##	8140	Ens0013	5	E06000012	62	1	8	9
##	8141	Ens0014	5	E06000012	80	0	23	23
##	8142	Ens0015	5	E06000012	7220	1205	82	1287
##	8143	Ens0016	5	E06000012	5	1	0	1
##	8144	Ens0017	5	E06000012	73	0	12	12
##	8145	Ens0018	5	E06000012	160	2	17	19
##	8146	Ens0019	5	E06000012	17	2	0	2
##	8147	Ens001a	5	E06000012	33	0	0	0
##	8148	Ens001b	5	E06000012	1583	40	1	41
##	8149	Ens001c	5	E06000012	2	0	0	0
##	8150	Ens001d	5	E06000012	474	3	81	84
##	8151	Ens0000	6	E06000012	283	15	0	15
##	8152	Ens0001	6	E06000012	3	0	0	0
##	8153	Ens0002	6	E06000012	5141	476	0	476
##	8154	Ens0003	6	E06000012	7	0	0	0
##	8155	Ens0004	6	E06000012	6	0	0	0
##	8156	Ens0005	6	E06000012	47	0	32	32
##	8157	Ens0006	6	E06000012	96	0	16	16
##	8158	Ens0007	6	E06000012	9	0	1	1
##	8159	Ens0008	6	E06000012	46	2	0	2
##	8160	Ens0009	6	E06000012	673	0	202	202
##	8161	Ens000a	6	E06000012	89	5	16	21
##	8162	Ens000b	6	E06000012	123	0	24	24
##	8163	Ens000c	6	E06000012	683	12	3	15
##	8164	Ens000d	6	E06000012	91	3	0	3
##	8165	Ens000e	6	E06000012	6112	5	1145	1150
##	8166	Ens000f	6	E06000012	383	28	0	28
##	8167	Ens000g	6	E06000012	25	1	0	1
##	8168	Ens000h	6	E06000012	727	0	247	247
##	8169	Ens000i	6	E06000012	84	6	0	6
##	8170	Ens000j	6	E06000012	3	0	0	0
##	8171	Ens000k	6	E06000012	27	2	0	2
##	8172	Ens000l	6	E06000012	34	0	3	3
##	8173	Ens000m	6	E06000012	891	33	0	33
##	8174	Ens000n	6	E06000012	26	2	0	2
##	8175	Ens000o	6	E06000012	150	0	47	47
##	8176	Ens000p	6	E06000012	717	0	310	310
##	8177	Ens000q	6	E06000012	1	0	0	0
##	8178	Ens000r	6	E06000012	1786	155	3	158
##	8179	Ens000s	6	E06000012	6755	316	350	666
##	8180	Ens000t	6	E06000012	712	25	0	25
##	8181	Ens000u	6	E06000012	162	0	28	28
##	8182	Ens000v	6	E06000012	18	0	24	24
##	8183	Ens000w	6	E06000012	19	0	2	2
##	8184	Ens000x	6	E06000012	733	21	544	565
##	8185	Ens000y	6	E06000012	0	0	1	1
##	8186	Ens000z	6	E06000012	4	0	0	0
##	8187	Ens0010	6	E06000012	33	1	26	27
##	8188	Ens0011	6	E06000012	42	0	8	8

##	8189	Ens0012	6	E06000012	6	0	2	2
##	8190	Ens0013	6	E06000012	47	1	14	15
##	8191	Ens0014	6	E06000012	84	0	23	23
##	8192	Ens0015	6	E06000012	7418	1219	68	1287
##	8193	Ens0016	6	E06000012	7	1	0	1
##	8194	Ens0017	6	E06000012	63	0	7	7
##	8195	Ens0018	6	E06000012	100	2	10	12
##	8196	Ens0019	6	E06000012	29	0	0	0
##	8197	Ens001a	6	E06000012	21	0	0	0
##	8198	Ens001b	6	E06000012	1286	30	1	31
##	8199	Ens001c	6	E06000012	3	1	0	1
##	8200	Ens001d	6	E06000012	676	1	128	129
##	8201	Ens0000	7	E06000012	309	18	0	18
##	8202	Ens0001	7	E06000012	0	0	0	0
##	8203	Ens0002	7	E06000012	5423	503	0	503
##	8204	Ens0003	7	E06000012	9	0	0	0
##	8205	Ens0004	7	E06000012	6	0	0	0
##	8206	Ens0005	7	E06000012	69	0	32	32
##	8207	Ens0006	7	E06000012	97	0	20	20
##	8208	Ens0007	7	E06000012	11	0	0	0
##	8209	Ens0008	7	E06000012	42	2	0	2
##	8210	Ens0009	7	E06000012	638	0	191	191
##	8211	Ens000a	7	E06000012	98	2	10	12
##	8212	Ens000b	7	E06000012	113	0	21	21
##	8213	Ens000c	7	E06000012	706	14	5	19
##	8214	Ens000d	7	E06000012	132	4	0	4
##	8215	Ens000e	7	E06000012	7370	3	1316	1319
##	8216	Ens000f	7	E06000012	421	31	0	31
##	8217	Ens000g	7	E06000012	8	0	0	0
##	8218	Ens000h	7	E06000012	880	0	317	317
##	8219	Ens000i	7	E06000012	68	7	0	7
##	8220	Ens000j	7	E06000012	3	1	0	1
##	8221	Ens000k	7	E06000012	11	0	0	0
##	8222	Ens000l	7	E06000012	21	0	11	11
##	8223	Ens000m	7	E06000012	928	29	0	29
##	8224	Ens000n	7	E06000012	49	7	0	7
##	8225	Ens000o	7	E06000012	97	0	42	42
##	8226	Ens000p	7	E06000012	660	0	307	307
##	8227	Ens000q	7	E06000012	0	0	0	0
##	8228	Ens000r	7	E06000012	2022	188	4	192
##	8229	Ens000s	7	E06000012	7814	421	373	794
##	8230	Ens000t	7	E06000012	608	15	0	15
##	8231	Ens000u	7	E06000012	60	0	14	14
##	8232	Ens000v	7	E06000012	14	0	19	19
##	8233	Ens000w	7	E06000012	12	0	4	4
##	8234	Ens000x	7	E06000012	945	31	703	734
##	8235	Ens000y	7	E06000012	1	0	0	0
##	8236	Ens000z	7	E06000012	3	0	0	0
##	8237	Ens0010	7	E06000012	39	0	41	41
##	8238	Ens0011	7	E06000012	50	0	9	9
##	8239	Ens0012	7	E06000012	4	0	0	0
##	8240	Ens0013	7	E06000012	53	0	5	5
##	8241	Ens0014	7	E06000012	133	0	34	34
##	8242	Ens0015	7	E06000012	7409	1267	78	1345
##	8243	Ens0016	7	E06000012	14	4	0	4
##	8244	Ens0017	7	E06000012	92	0	15	15
##	8245	Ens0018	7	E06000012	137	1	14	15
##	8246	Ens0019	7	E06000012	12	2	0	2
##	8247	Ens001a	7	E06000012	14	1	0	1
##	8248	Ens001b	7	E06000012	1455	42	0	42
##	8249	Ens001c	7	E06000012	5	0	0	0
##	8250	Ens001d	7	E06000012	563	2	122	124
##	8251	Ens0000	8	E06000012	248	21	0	21
##	8252	Ens0001	8	E06000012	0	0	0	0
##	8253	Ens0002	8	E06000012	5751	587	0	587
##	8254	Ens0003	8	E06000012	42	1	0	1
##	8255	Ens0004	8	E06000012	3	0	0	0
##	8256	Ens0005	8	E06000012	47	0	34	34
##	8257	Ens0006	8	E06000012	74	0	30	30
##	8258	Ens0007	8	E06000012	7	0	1	1



##	8259	Ens0008	8	E06000012	83	2	0	2
##	8260	Ens0009	8	E06000012	860	0	270	270
##	8261	Ens000a	8	E06000012	139	3	17	20
##	8262	Ens000b	8	E06000012	317	0	62	62
##	8263	Ens000c	8	E06000012	645	5	2	7
##	8264	Ens000d	8	E06000012	63	1	0	1
##	8265	Ens000e	8	E06000012	6581	6	1250	1256
##	8266	Ens000f	8	E06000012	862	70	0	70
##	8267	Ens000g	8	E06000012	12	0	0	0
##	8268	Ens000h	8	E06000012	881	1	319	320
##	8269	Ens000i	8	E06000012	83	5	0	5
##	8270	Ens000j	8	E06000012	2	0	0	0
##	8271	Ens000k	8	E06000012	31	2	0	2
##	8272	Ens000l	8	E06000012	161	0	32	32
##	8273	Ens000m	8	E06000012	1146	47	1	48
##	8274	Ens000n	8	E06000012	43	8	0	8
##	8275	Ens000o	8	E06000012	98	0	32	32
##	8276	Ens000p	8	E06000012	687	0	293	293
##	8277	Ens000q	8	E06000012	0	0	0	0
##	8278	Ens000r	8	E06000012	2083	188	0	188
##	8279	Ens000s	8	E06000012	6858	335	299	634
##	8280	Ens000t	8	E06000012	917	57	1	58
##	8281	Ens000u	8	E06000012	69	0	12	12
##	8282	Ens000v	8	E06000012	24	4	33	37
##	8283	Ens000w	8	E06000012	17	0	7	7
##	8284	Ens000x	8	E06000012	887	26	682	708
##	8285	Ens000y	8	E06000012	2	0	0	0
##	8286	Ens000z	8	E06000012	2	0	0	0
##	8287	Ens0010	8	E06000012	19	1	14	15
##	8288	Ens0011	8	E06000012	69	0	7	7
##	8289	Ens0012	8	E06000012	1	0	1	1
##	8290	Ens0013	8	E06000012	69	0	11	11
##	8291	Ens0014	8	E06000012	103	0	21	21
##	8292	Ens0015	8	E06000012	7633	1284	79	1363
##	8293	Ens0016	8	E06000012	8	0	0	0
##	8294	Ens0017	8	E06000012	90	0	16	16
##	8295	Ens0018	8	E06000012	115	0	13	13
##	8296	Ens0019	8	E06000012	30	0	0	0
##	8297	Ens001a	8	E06000012	28	3	0	3
##	8298	Ens001b	8	E06000012	1532	35	1	36
##	8299	Ens001c	8	E06000012	3	1	0	1
##	8300	Ens001d	8	E06000012	418	0	98	98
##	8301	Ens0000	9	E06000012	207	13	0	13
##	8302	Ens0001	9	E06000012	2	0	0	0
##	8303	Ens0002	9	E06000012	5244	476	0	476
##	8304	Ens0003	9	E06000012	4	0	0	0
##	8305	Ens0004	9	E06000012	10	0	0	0
##	8306	Ens0005	9	E06000012	47	0	30	30
##	8307	Ens0006	9	E06000012	100	0	21	21
##	8308	Ens0007	9	E06000012	9	0	1	1
##	8309	Ens0008	9	E06000012	32	1	0	1
##	8310	Ens0009	9	E06000012	735	0	227	227
##	8311	Ens000a	9	E06000012	102	7	12	19
##	8312	Ens000b	9	E06000012	219	0	50	50
##	8313	Ens000c	9	E06000012	827	16	10	26
##	8314	Ens000d	9	E06000012	74	3	0	3
##	8315	Ens000e	9	E06000012	6550	3	1224	1227
##	8316	Ens000f	9	E06000012	625	50	0	50
##	8317	Ens000g	9	E06000012	11	0	0	0
##	8318	Ens000h	9	E06000012	640	0	214	214
##	8319	Ens000i	9	E06000012	63	6	1	7
##	8320	Ens000j	9	E06000012	3	0	0	0
##	8321	Ens000k	9	E06000012	16	0	0	0
##	8322	Ens000l	9	E06000012	24	0	4	4
##	8323	Ens000m	9	E06000012	769	28	0	28
##	8324	Ens000n	9	E06000012	24	1	0	1
##	8325	Ens000o	9	E06000012	106	0	34	34
##	8326	Ens000p	9	E06000012	584	0	270	270
##	8327	Ens000q	9	E06000012	5	0	0	0
##	8328	Ens000r	9	E06000012	1635	132	0	132

##	8329	Ens000s	9	E06000012	6454	280	333	613
##	8330	Ens000t	9	E06000012	1559	69	1	70
##	8331	Ens000u	9	E06000012	263	0	66	66
##	8332	Ens000v	9	E06000012	8	2	14	16
##	8333	Ens000w	9	E06000012	48	0	14	14
##	8334	Ens000x	9	E06000012	523	12	359	371
##	8335	Ens000y	9	E06000012	0	0	0	0
##	8336	Ens000z	9	E06000012	1	0	0	0
##	8337	Ens0010	9	E06000012	25	0	27	27
##	8338	Ens0011	9	E06000012	54	0	15	15
##	8339	Ens0012	9	E06000012	3	0	1	1
##	8340	Ens0013	9	E06000012	31	0	8	8
##	8341	Ens0014	9	E06000012	86	0	32	32
##	8342	Ens0015	9	E06000012	7380	1272	83	1355
##	8343	Ens0016	9	E06000012	6	0	0	0
##	8344	Ens0017	9	E06000012	116	0	24	24
##	8345	Ens0018	9	E06000012	141	1	20	21
##	8346	Ens0019	9	E06000012	13	0	0	0
##	8347	Ens001a	9	E06000012	23	1	0	1
##	8348	Ens001b	9	E06000012	1233	23	0	23
##	8349	Ens001c	9	E06000012	1	0	0	0
##	8350	Ens001d	9	E06000012	426	0	73	73
##	8351	Ens0000	10	E06000012	289	17	0	17
##	8352	Ens0001	10	E06000012	12	0	0	0
##	8353	Ens0002	10	E06000012	5199	456	0	456
##	8354	Ens0003	10	E06000012	11	1	1	2
##	8355	Ens0004	10	E06000012	8	0	0	0
##	8356	Ens0005	10	E06000012	50	0	29	29
##	8357	Ens0006	10	E06000012	109	0	25	25
##	8358	Ens0007	10	E06000012	6	0	1	1
##	8359	Ens0008	10	E06000012	31	1	0	1
##	8360	Ens0009	10	E06000012	676	0	236	236
##	8361	Ens000a	10	E06000012	106	4	15	19
##	8362	Ens000b	10	E06000012	134	0	17	17
##	8363	Ens000c	10	E06000012	807	13	2	15
##	8364	Ens000d	10	E06000012	73	3	0	3
##	8365	Ens000e	10	E06000012	6843	5	1167	1172
##	8366	Ens000f	10	E06000012	503	40	0	40
##	8367	Ens000g	10	E06000012	16	1	0	1
##	8368	Ens000h	10	E06000012	591	0	246	246
##	8369	Ens000i	10	E06000012	63	5	0	5
##	8370	Ens000j	10	E06000012	3	0	0	0
##	8371	Ens000k	10	E06000012	20	1	0	1
##	8372	Ens000l	10	E06000012	34	0	5	5
##	8373	Ens000m	10	E06000012	907	31	0	31
##	8374	Ens000n	10	E06000012	25	3	0	3
##	8375	Ens000o	10	E06000012	98	0	43	43
##	8376	Ens000p	10	E06000012	651	0	287	287
##	8377	Ens000q	10	E06000012	0	0	0	0
##	8378	Ens000r	10	E06000012	1591	132	0	132
##	8379	Ens000s	10	E06000012	7027	373	382	755
##	8380	Ens000t	10	E06000012	741	34	0	34
##	8381	Ens000u	10	E06000012	165	0	35	35
##	8382	Ens000v	10	E06000012	8	3	13	16
##	8383	Ens000w	10	E06000012	12	0	3	3
##	8384	Ens000x	10	E06000012	797	22	508	530
##	8385	Ens000y	10	E06000012	1	0	1	1
##	8386	Ens000z	10	E06000012	9	0	0	0
##	8387	Ens0010	10	E06000012	35	1	53	54
##	8388	Ens0011	10	E06000012	30	0	5	5
##	8389	Ens0012	10	E06000012	3	1	0	1
##	8390	Ens0013	10	E06000012	94	0	13	13
##	8391	Ens0014	10	E06000012	98	0	22	22
##	8392	Ens0015	10	E06000012	7345	1210	90	1300
##	8393	Ens0016	10	E06000012	6	0	0	0
##	8394	Ens0017	10	E06000012	91	0	15	15
##	8395	Ens0018	10	E06000012	137	2	10	12
##	8396	Ens0019	10	E06000012	56	9	0	9
##	8397	Ens001a	10	E06000012	20	0	0	0
##	8398	Ens001b	10	E06000012	1963	40	0	40

##	8399	Ens001c	10	E06000012	1	0	0	0
##	8400	Ens001d	10	E06000012	651	1	108	109
##	8401	Ens0000	1	E06000013	266	12	0	12
##	8402	Ens0001	1	E06000013	5	0	0	0
##	8403	Ens0002	1	E06000013	5987	624	1	625
##	8404	Ens0003	1	E06000013	14	0	0	0
##	8405	Ens0004	1	E06000013	9	0	0	0
##	8406	Ens0005	1	E06000013	84	0	53	53
##	8407	Ens0006	1	E06000013	131	0	33	33
##	8408	Ens0007	1	E06000013	11	0	3	3
##	8409	Ens0008	1	E06000013	50	1	0	1
##	8410	Ens0009	1	E06000013	984	0	289	289
##	8411	Ens000a	1	E06000013	171	7	26	33
##	8412	Ens000b	1	E06000013	155	0	27	27
##	8413	Ens000c	1	E06000013	994	19	3	22
##	8414	Ens000d	1	E06000013	64	5	0	5
##	8415	Ens000e	1	E06000013	7117	8	1276	1284
##	8416	Ens000f	1	E06000013	601	43	0	43
##	8417	Ens000g	1	E06000013	12	0	0	0
##	8418	Ens000h	1	E06000013	835	2	308	310
##	8419	Ens000i	1	E06000013	188	16	0	16
##	8420	Ens000j	1	E06000013	6	0	0	0
##	8421	Ens000k	1	E06000013	42	1	0	1
##	8422	Ens000l	1	E06000013	69	0	22	22
##	8423	Ens000m	1	E06000013	1192	36	0	36
##	8424	Ens000n	1	E06000013	62	8	0	8
##	8425	Ens000o	1	E06000013	221	0	87	87
##	8426	Ens000p	1	E06000013	644	0	255	255
##	8427	Ens000q	1	E06000013	1	0	0	0
##	8428	Ens000r	1	E06000013	2662	277	1	278
##	8429	Ens000s	1	E06000013	8099	474	446	920
##	8430	Ens000t	1	E06000013	1286	66	0	66
##	8431	Ens000u	1	E06000013	149	0	30	30
##	8432	Ens000v	1	E06000013	25	2	32	34
##	8433	Ens000w	1	E06000013	16	0	9	9
##	8434	Ens000x	1	E06000013	819	32	604	636
##	8435	Ens000y	1	E06000013	1	0	1	1
##	8436	Ens000z	1	E06000013	6	0	0	0
##	8437	Ens0010	1	E06000013	27	0	20	20
##	8438	Ens0011	1	E06000013	56	0	13	13
##	8439	Ens0012	1	E06000013	6	0	3	3
##	8440	Ens0013	1	E06000013	59	2	14	16
##	8441	Ens0014	1	E06000013	161	0	40	40
##	8442	Ens0015	1	E06000013	7926	1422	73	1495
##	8443	Ens0016	1	E06000013	10	2	0	2
##	8444	Ens0017	1	E06000013	125	0	26	26
##	8445	Ens0018	1	E06000013	212	2	23	25
##	8446	Ens0019	1	E06000013	21	1	0	1
##	8447	Ens001a	1	E06000013	69	2	0	2
##	8448	Ens001b	1	E06000013	1957	46	0	46
##	8449	Ens001c	1	E06000013	0	0	0	0
##	8450	Ens001d	1	E06000013	678	0	150	150
##	8451	Ens001e	1	E06000013	140	0	43	43
##	8452	Ens001f	1	E06000013	41	1	0	1
##	8453	Ens001g	1	E06000013	1738	0	686	686
##	8454	Ens001h	1	E06000013	1105	21	66	87
##	8455	Ens001i	1	E06000013	14	0	0	0
##	8456	Ens001j	1	E06000013	37	0	0	0
##	8457	Ens001k	1	E06000013	4	0	0	0
##	8458	Ens001l	1	E06000013	18	3	11	14
##	8459	Ens001m	1	E06000013	364	10	19	29
##	8460	Ens001n	1	E06000013	543	22	6	28
##	8461	Ens001o	1	E06000013	12	0	1	1
##	8462	Ens001p	1	E06000013	2399	251	0	251
##	8463	Ens001q	1	E06000013	600	20	0	20
##	8464	Ens001r	1	E06000013	718	28	2	30
##	8465	Ens001s	1	E06000013	100	0	18	18
##	8466	Ens001t	1	E06000013	3	0	0	0
##	8467	Ens001u	1	E06000013	23	5	0	5
##	8468	Ens001v	1	E06000013	1232	22	0	22

##	8469	Ens001w	1	E06000013	532	25	0	25
##	8470	Ens001x	1	E06000013	0	0	0	0
##	8471	Ens001y	1	E06000013	4297	624	0	624
##	8472	Ens001z	1	E06000013	5	1	0	1
##	8473	Ens0020	1	E06000013	88	8	0	8
##	8474	Ens0021	1	E06000013	238	9	69	78
##	8475	Ens0022	1	E06000013	180	3	0	3
##	8476	Ens0023	1	E06000013	5448	759	0	759
##	8477	Ens0024	1	E06000013	15	3	0	3
##	8478	Ens0025	1	E06000013	50	3	0	3
##	8479	Ens0026	1	E06000013	5584	0	1265	1265
##	8480	Ens0027	1	E06000013	15	0	2	2
##	8481	Ens0028	1	E06000013	3	0	0	0
##	8482	Ens0029	1	E06000013	1192	62	298	360
##	8483	Ens002a	1	E06000013	81	0	15	15
##	8484	Ens002b	1	E06000013	1733	31	0	31
##	8485	Ens002c	1	E06000013	229	0	73	73
##	8486	Ens002d	1	E06000013	29	1	0	1
##	8487	Ens002e	1	E06000013	308	0	111	111
##	8488	Ens002f	1	E06000013	84	0	49	49
##	8489	Ens002g	1	E06000013	1187	55	1	56
##	8490	Ens002h	1	E06000013	1484	0	290	290
##	8491	Ens002i	1	E06000013	3593	52	0	52
##	8492	Ens002j	1	E06000013	67	5	0	5
##	8493	Ens002k	1	E06000013	2	0	0	0
##	8494	Ens002l	1	E06000013	188	15	0	15
##	8495	Ens002m	1	E06000013	99	8	0	8
##	8496	Ens002n	1	E06000013	126	18	12	30
##	8497	Ens002o	1	E06000013	699	17	39	56
##	8498	Ens002p	1	E06000013	176	11	0	11
##	8499	Ens002q	1	E06000013	3	0	0	0
##	8500	Ens002r	1	E06000013	0	0	1	1
##	8501	Ens002s	1	E06000013	496	14	0	14
##	8502	Ens002t	1	E06000013	3384	430	0	430
##	8503	Ens002u	1	E06000013	72	4	0	4
##	8504	Ens002v	1	E06000013	18	2	0	2
##	8505	Ens002w	1	E06000013	3235	159	0	159
##	8506	Ens002x	1	E06000013	2041	124	0	124
##	8507	Ens002y	1	E06000013	342	16	66	82
##	8508	Ens002z	1	E06000013	2353	0	423	423
##	8509	Ens0030	1	E06000013	4431	0	511	511
##	8510	Ens0031	1	E06000013	39	0	6	6
##	8511	Ens0032	1	E06000013	689	40	2	42
##	8512	Ens0033	1	E06000013	5489	213	12	225
##	8513	Ens0034	1	E06000013	134	0	24	24
##	8514	Ens0035	1	E06000013	1202	98	7	105
##	8515	Ens0036	1	E06000013	53	0	6	6
##	8516	Ens0037	1	E06000013	44	5	0	5
##	8517	Ens0038	1	E06000013	2149	0	573	573
##	8518	Ens0039	1	E06000013	34	0	12	12
##	8519	Ens003a	1	E06000013	1892	192	0	192
##	8520	Ens003b	1	E06000013	6	0	0	0
##	8521	Ens003c	1	E06000013	19	0	3	3
##	8522	Ens003d	1	E06000013	83	7	0	7
##	8523	Ens003e	1	E06000013	6697	0	1167	1167
##	8524	Ens003f	1	E06000013	33	0	15	15
##	8525	Ens003g	1	E06000013	22	0	2	2
##	8526	Ens003h	1	E06000013	20	0	0	0
##	8527	Ens003i	1	E06000013	53	0	17	17
##	8528	Ens003j	1	E06000013	7	0	0	0
##	8529	Ens003k	1	E06000013	146	8	23	31
##	8530	Ens003l	1	E06000013	7	0	0	0
##	8531	Ens003m	1	E06000013	5	0	1	1
##	8532	Ens003n	1	E06000013	2	0	0	0
##	8533	Ens003o	1	E06000013	2	0	0	0
##	8534	Ens003p	1	E06000013	56	2	0	2
##	8535	Ens003q	1	E06000013	95	7	0	7
##	8536	Ens003r	1	E06000013	32	0	2	2
##	8537	Ens003s	1	E06000013	20	0	0	0
##	8538	Ens003t	1	E06000013	27	1	0	1

##	8539	Ens003u	1	E06000013	828	11	32	43
##	8540	Ens003v	1	E06000013	0	0	0	0
##	8541	Ens003w	1	E06000013	4098	88	690	778
##	8542	Ens003x	1	E06000013	9	0	0	0
##	8543	Ens003y	1	E06000013	656	18	8	26
##	8544	Ens003z	1	E06000013	464	23	0	23
##	8545	Ens0040	1	E06000013	23	0	2	2
##	8546	Ens0041	1	E06000013	75	7	0	7
##	8547	Ens0042	1	E06000013	3	0	0	0
##	8548	Ens0043	1	E06000013	25	0	2	2
##	8549	Ens0044	1	E06000013	5048	129	4	133
##	8550	Ens0045	1	E06000013	587	12	17	29
##	8551	Ens0046	1	E06000013	3170	275	0	275
##	8552	Ens0047	1	E06000013	293	0	97	97
##	8553	Ens0048	1	E06000013	950	39	0	39
##	8554	Ens0049	1	E06000013	1	0	0	0
##	8555	Ens004a	1	E06000013	556	0	174	174
##	8556	Ens004b	1	E06000013	28	0	7	7
##	8557	Ens004c	1	E06000013	3	2	0	2
##	8558	Ens004d	1	E06000013	1	0	0	0
##	8559	Ens004e	1	E06000013	1296	0	198	198
##	8560	Ens004f	1	E06000013	3	0	0	0
##	8561	Ens004g	1	E06000013	215	0	78	78
##	8562	Ens004h	1	E06000013	4150	0	348	348
##	8563	Ens004i	1	E06000013	133	0	47	47
##	8564	Ens004j	1	E06000013	5	0	0	0
##	8565	Ens004k	1	E06000013	8427	733	0	733
##	8566	Ens004l	1	E06000013	71	0	66	66
##	8567	Ens004m	1	E06000013	4	0	0	0
##	8568	Ens004n	1	E06000013	22	0	2	2
##	8569	Ens004o	1	E06000013	63	0	0	0
##	8570	Ens004p	1	E06000013	16	0	7	7
##	8571	Ens004q	1	E06000013	1484	19	9	28
##	8572	Ens004r	1	E06000013	45	3	0	3
##	8573	Ens004s	1	E06000013	7	0	2	2
##	8574	Ens004t	1	E06000013	73	4	0	4
##	8575	Ens004u	1	E06000013	96	6	0	6
##	8576	Ens004v	1	E06000013	552	32	9	41
##	8577	Ens004w	1	E06000013	34	0	6	6
##	8578	Ens004x	1	E06000013	1662	0	439	439
##	8579	Ens004y	1	E06000013	7	0	1	1
##	8580	Ens004z	1	E06000013	137	0	33	33
##	8581	Ens0050	1	E06000013	9	0	1	1
##	8582	Ens0051	1	E06000013	62	6	0	6
##	8583	Ens0052	1	E06000013	30	0	1	1
##	8584	Ens0053	1	E06000013	8013	698	57	755
##	8585	Ens0054	1	E06000013	8	0	6	6
##	8586	Ens0055	1	E06000013	326	11	0	11
##	8587	Ens0056	1	E06000013	3793	85	0	85
##	8588	Ens0057	1	E06000013	2607	142	1	143
##	8589	Ens0058	1	E06000013	1167	8	346	354
##	8590	Ens0059	1	E06000013	296	26	0	26
##	8591	Ens005a	1	E06000013	4506	0	1418	1418
##	8592	Ens005b	1	E06000013	556	0	146	146
##	8593	Ens005c	1	E06000013	16	0	0	0
##	8594	Ens005d	1	E06000013	20	1	0	1
##	8595	Ens005e	1	E06000013	394	2	131	133
##	8596	Ens005f	1	E06000013	740	0	64	64
##	8597	Ens005g	1	E06000013	149	0	5	5
##	8598	Ens005h	1	E06000013	6	0	5	5
##	8599	Ens005i	1	E06000013	7	2	0	2
##	8600	Ens005j	1	E06000013	617	25	2	27
##	8601	Ens005k	1	E06000013	205	11	0	11
##	8602	Ens005l	1	E06000013	4	0	0	0
##	8603	Ens005m	1	E06000013	77	0	9	9
##	8604	Ens005n	1	E06000013	383	4	0	4
##	8605	Ens005o	1	E06000013	1004	0	460	460
##	8606	Ens005p	1	E06000013	210	0	39	39
##	8607	Ens005q	1	E06000013	1	0	0	0
##	8608	Ens005r	1	E06000013	10	1	0	1

##	8609	Ens005s	1	E06000013	5	0	0	0
##	8610	Ens005t	1	E06000013	1441	4	3208	3212
##	8611	Ens005u	1	E06000013	99	8	0	8
##	8612	Ens005v	1	E06000013	108	1	63	64
##	8613	Ens005w	1	E06000013	894	0	485	485
##	8614	Ens005x	1	E06000013	31	1	3	4
##	8615	Ens005y	1	E06000013	740	62	0	62
##	8616	Ens005z	1	E06000013	142	0	32	32
##	8617	Ens0060	1	E06000013	186	3	0	3
##	8618	Ens0061	1	E06000013	4391	459	23	482
##	8619	Ens0062	1	E06000013	3005	0	794	794
##	8620	Ens0063	1	E06000013	64	1	0	1
##	8621	Ens0064	1	E06000013	2899	179	174	353
##	8622	Ens0065	1	E06000013	5	1	0	1
##	8623	Ens0066	1	E06000013	194	3	9	12
##	8624	Ens0067	1	E06000013	0	0	0	0
##	8625	Ens0068	1	E06000013	0	0	0	0
##	8626	Ens0069	1	E06000013	32	2	0	2
##	8627	Ens006a	1	E06000013	140	7	0	7
##	8628	Ens006b	1	E06000013	943	46	0	46
##	8629	Ens006c	1	E06000013	4364	913	17	930
##	8630	Ens006d	1	E06000013	1268	0	501	501
##	8631	Ens006e	1	E06000013	418	42	10	52
##	8632	Ens006f	1	E06000013	3395	0	641	641
##	8633	Ens006g	1	E06000013	6228	960	0	960
##	8634	Ens006h	1	E06000013	115	1	16	17
##	8635	Ens006i	1	E06000013	3105	82	1	83
##	8636	Ens006j	1	E06000013	6	0	0	0
##	8637	Ens006k	1	E06000013	418	15	0	15
##	8638	Ens006l	1	E06000013	195	3	40	43
##	8639	Ens006m	1	E06000013	5205	354	0	354
##	8640	Ens006n	1	E06000013	106	7	0	7
##	8641	Ens006o	1	E06000013	231	4	1	5
##	8642	Ens006p	1	E06000013	12	2	2	4
##	8643	Ens006q	1	E06000013	71	0	17	17
##	8644	Ens006r	1	E06000013	104	0	33	33
##	8645	Ens006s	1	E06000013	119	0	86	86
##	8646	Ens006t	1	E06000013	17	0	4	4
##	8647	Ens006u	1	E06000013	13	3	0	3
##	8648	Ens006v	1	E06000013	25	0	4	4
##	8649	Ens006w	1	E06000013	6	0	1	1
##	8650	Ens006x	1	E06000013	75	1	0	1
##	8651	Ens0000	2	E06000013	659	29	0	29
##	8652	Ens0001	2	E06000013	2	0	0	0
##	8653	Ens0002	2	E06000013	5961	657	0	657
##	8654	Ens0003	2	E06000013	59	0	0	0
##	8655	Ens0004	2	E06000013	17	0	0	0
##	8656	Ens0005	2	E06000013	79	0	45	45
##	8657	Ens0006	2	E06000013	139	0	36	36
##	8658	Ens0007	2	E06000013	7	0	2	2
##	8659	Ens0008	2	E06000013	71	4	0	4
##	8660	Ens0009	2	E06000013	953	0	258	258
##	8661	Ens000a	2	E06000013	214	12	27	39
##	8662	Ens000b	2	E06000013	211	0	32	32
##	8663	Ens000c	2	E06000013	1204	16	5	21
##	8664	Ens000d	2	E06000013	158	3	0	3
##	8665	Ens000e	2	E06000013	7270	4	1331	1335
##	8666	Ens000f	2	E06000013	841	84	0	84
##	8667	Ens000g	2	E06000013	22	1	0	1
##	8668	Ens000h	2	E06000013	891	2	305	307
##	8669	Ens000i	2	E06000013	177	15	1	16
##	8670	Ens000j	2	E06000013	4	0	0	0
##	8671	Ens000k	2	E06000013	26	1	0	1
##	8672	Ens000l	2	E06000013	115	0	23	23
##	8673	Ens000m	2	E06000013	1391	56	0	56
##	8674	Ens000n	2	E06000013	60	5	0	5
##	8675	Ens000o	2	E06000013	386	0	120	120
##	8676	Ens000p	2	E06000013	669	0	270	270
##	8677	Ens000q	2	E06000013	0	0	0	0
##	8678	Ens000r	2	E06000013	2331	224	0	224

##	8679	Ens000s	2	E06000013	7400	364	343	707
##	8680	Ens000t	2	E06000013	1248	54	0	54
##	8681	Ens000u	2	E06000013	97	0	29	29
##	8682	Ens000v	2	E06000013	25	2	42	44
##	8683	Ens000w	2	E06000013	31	0	3	3
##	8684	Ens000x	2	E06000013	1288	52	878	930
##	8685	Ens000y	2	E06000013	1	0	0	0
##	8686	Ens000z	2	E06000013	7	0	0	0
##	8687	Ens0010	2	E06000013	40	3	41	44
##	8688	Ens0011	2	E06000013	66	0	9	9
##	8689	Ens0012	2	E06000013	7	0	2	2
##	8690	Ens0013	2	E06000013	60	0	15	15
##	8691	Ens0014	2	E06000013	197	0	52	52
##	8692	Ens0015	2	E06000013	7797	1345	71	1416
##	8693	Ens0016	2	E06000013	9	1	0	1
##	8694	Ens0017	2	E06000013	357	0	53	53
##	8695	Ens0018	2	E06000013	252	2	25	27
##	8696	Ens0019	2	E06000013	120	7	0	7
##	8697	Ens001a	2	E06000013	38	1	0	1
##	8698	Ens001b	2	E06000013	1968	65	0	65
##	8699	Ens001c	2	E06000013	1	0	0	0
##	8700	Ens001d	2	E06000013	556	3	136	139
##	8701	Ens0000	3	E06000013	324	15	0	15
##	8702	Ens0001	3	E06000013	6	0	0	0
##	8703	Ens0002	3	E06000013	6223	688	0	688
##	8704	Ens0003	3	E06000013	12	0	0	0
##	8705	Ens0004	3	E06000013	8	0	0	0
##	8706	Ens0005	3	E06000013	84	0	51	51
##	8707	Ens0006	3	E06000013	169	0	34	34
##	8708	Ens0007	3	E06000013	10	0	1	1
##	8709	Ens0008	3	E06000013	75	3	0	3
##	8710	Ens0009	3	E06000013	966	0	311	311
##	8711	Ens000a	3	E06000013	198	12	24	36
##	8712	Ens000b	3	E06000013	372	0	54	54
##	8713	Ens000c	3	E06000013	959	10	4	14
##	8714	Ens000d	3	E06000013	80	3	0	3
##	8715	Ens000e	3	E06000013	6835	3	1274	1277
##	8716	Ens000f	3	E06000013	541	37	0	37
##	8717	Ens000g	3	E06000013	12	1	0	1
##	8718	Ens000h	3	E06000013	736	2	291	293
##	8719	Ens000i	3	E06000013	356	42	2	44
##	8720	Ens000j	3	E06000013	4	0	0	0
##	8721	Ens000k	3	E06000013	37	0	0	0
##	8722	Ens000l	3	E06000013	39	0	10	10
##	8723	Ens000m	3	E06000013	1286	48	0	48
##	8724	Ens000n	3	E06000013	35	1	0	1
##	8725	Ens000o	3	E06000013	123	0	40	40
##	8726	Ens000p	3	E06000013	730	0	273	273
##	8727	Ens000q	3	E06000013	1	0	0	0
##	8728	Ens000r	3	E06000013	2211	204	3	207
##	8729	Ens000s	3	E06000013	7275	338	344	682
##	8730	Ens000t	3	E06000013	928	56	0	56
##	8731	Ens000u	3	E06000013	278	0	71	71
##	8732	Ens000v	3	E06000013	28	1	30	31
##	8733	Ens000w	3	E06000013	22	0	5	5
##	8734	Ens000x	3	E06000013	2434	113	1720	1833
##	8735	Ens000y	3	E06000013	0	0	1	1
##	8736	Ens000z	3	E06000013	4	0	1	1
##	8737	Ens0010	3	E06000013	21	0	12	12
##	8738	Ens0011	3	E06000013	90	0	18	18
##	8739	Ens0012	3	E06000013	3	0	2	2
##	8740	Ens0013	3	E06000013	69	0	17	17
##	8741	Ens0014	3	E06000013	96	0	34	34
##	8742	Ens0015	3	E06000013	7985	1390	93	1483
##	8743	Ens0016	3	E06000013	14	4	0	4
##	8744	Ens0017	3	E06000013	105	0	21	21
##	8745	Ens0018	3	E06000013	198	0	25	25
##	8746	Ens0019	3	E06000013	33	0	0	0
##	8747	Ens001a	3	E06000013	32	0	0	0
##	8748	Ens001b	3	E06000013	2220	54	0	54

## 8749	Ens001c	3	E06000013	1	0	0	0
## 8750	Ens001d	3	E06000013	661	1	126	127
## 8751	Ens0000	4	E06000013	531	28	0	28
## 8752	Ens0001	4	E06000013	6	0	0	0
## 8753	Ens0002	4	E06000013	5842	624	0	624
## 8754	Ens0003	4	E06000013	14	0	1	1
## 8755	Ens0004	4	E06000013	9	1	0	1
## 8756	Ens0005	4	E06000013	110	0	83	83
## 8757	Ens0006	4	E06000013	161	0	34	34
## 8758	Ens0007	4	E06000013	13	0	0	0
## 8759	Ens0008	4	E06000013	48	2	0	2
## 8760	Ens0009	4	E06000013	979	0	341	341
## 8761	Ens000a	4	E06000013	141	13	19	32
## 8762	Ens000b	4	E06000013	310	0	52	52
## 8763	Ens000c	4	E06000013	1169	19	4	23
## 8764	Ens000d	4	E06000013	169	4	0	4
## 8765	Ens000e	4	E06000013	6530	7	1155	1162
## 8766	Ens000f	4	E06000013	748	68	0	68
## 8767	Ens000g	4	E06000013	5	1	0	1
## 8768	Ens000h	4	E06000013	754	1	264	265
## 8769	Ens000i	4	E06000013	298	22	1	23
## 8770	Ens000j	4	E06000013	3	1	0	1
## 8771	Ens000k	4	E06000013	54	2	0	2
## 8772	Ens000l	4	E06000013	38	0	13	13
## 8773	Ens000m	4	E06000013	1466	60	0	60
## 8774	Ens000n	4	E06000013	23	0	0	0
## 8775	Ens000o	4	E06000013	105	0	55	55
## 8776	Ens000p	4	E06000013	802	0	322	322
## 8777	Ens000q	4	E06000013	1	0	0	0
## 8778	Ens000r	4	E06000013	2604	250	3	253
## 8779	Ens000s	4	E06000013	7407	353	399	752
## 8780	Ens000t	4	E06000013	1152	42	0	42
## 8781	Ens000u	4	E06000013	256	0	41	41
## 8782	Ens000v	4	E06000013	23	4	26	30
## 8783	Ens000w	4	E06000013	26	0	5	5
## 8784	Ens000x	4	E06000013	1293	39	854	893
## 8785	Ens000y	4	E06000013	0	0	0	0
## 8786	Ens000z	4	E06000013	7	0	0	0
## 8787	Ens0010	4	E06000013	40	2	49	51
## 8788	Ens0011	4	E06000013	52	0	9	9
## 8789	Ens0012	4	E06000013	3	0	0	0
## 8790	Ens0013	4	E06000013	66	0	17	17
## 8791	Ens0014	4	E06000013	156	0	49	49
## 8792	Ens0015	4	E06000013	7893	1275	91	1366
## 8793	Ens0016	4	E06000013	12	0	0	0
## 8794	Ens0017	4	E06000013	160	0	44	44
## 8795	Ens0018	4	E06000013	251	4	24	28
## 8796	Ens0019	4	E06000013	24	7	0	7
## 8797	Ens001a	4	E06000013	28	1	0	1
## 8798	Ens001b	4	E06000013	1848	37	1	38
## 8799	Ens001c	4	E06000013	5	0	0	0
## 8800	Ens001d	4	E06000013	715	1	133	134
## 8801	Ens0000	5	E06000013	559	33	0	33
## 8802	Ens0001	5	E06000013	0	0	0	0
## 8803	Ens0002	5	E06000013	5876	562	0	562
## 8804	Ens0003	5	E06000013	17	0	0	0
## 8805	Ens0004	5	E06000013	9	0	0	0
## 8806	Ens0005	5	E06000013	68	0	54	54
## 8807	Ens0006	5	E06000013	164	0	38	38
## 8808	Ens0007	5	E06000013	10	0	0	0
## 8809	Ens0008	5	E06000013	54	2	0	2
## 8810	Ens0009	5	E06000013	903	0	280	280
## 8811	Ens000a	5	E06000013	137	10	20	30
## 8812	Ens000b	5	E06000013	133	0	27	27
## 8813	Ens000c	5	E06000013	937	10	5	15
## 8814	Ens000d	5	E06000013	114	1	0	1
## 8815	Ens000e	5	E06000013	6563	8	1233	1241
## 8816	Ens000f	5	E06000013	856	71	0	71
## 8817	Ens000g	5	E06000013	20	0	0	0
## 8818	Ens000h	5	E06000013	713	0	275	275



##	8819	Ens000i	5	E06000013	142	13	2	15
##	8820	Ens000j	5	E06000013	2	0	0	0
##	8821	Ens000k	5	E06000013	34	3	0	3
##	8822	Ens000l	5	E06000013	72	0	8	8
##	8823	Ens000m	5	E06000013	1338	50	1	51
##	8824	Ens000n	5	E06000013	18	2	0	2
##	8825	Ens000o	5	E06000013	147	0	63	63
##	8826	Ens000p	5	E06000013	636	0	262	262
##	8827	Ens000q	5	E06000013	0	0	0	0
##	8828	Ens000r	5	E06000013	3003	312	1	313
##	8829	Ens000s	5	E06000013	7429	372	348	720
##	8830	Ens000t	5	E06000013	1072	64	1	65
##	8831	Ens000u	5	E06000013	70	0	11	11
##	8832	Ens000v	5	E06000013	55	5	82	87
##	8833	Ens000w	5	E06000013	45	0	7	7
##	8834	Ens000x	5	E06000013	781	19	561	580
##	8835	Ens000y	5	E06000013	0	0	1	1
##	8836	Ens000z	5	E06000013	4	0	1	1
##	8837	Ens0010	5	E06000013	18	0	27	27
##	8838	Ens0011	5	E06000013	46	0	12	12
##	8839	Ens0012	5	E06000013	14	0	3	3
##	8840	Ens0013	5	E06000013	74	0	21	21
##	8841	Ens0014	5	E06000013	101	0	25	25
##	8842	Ens0015	5	E06000013	7865	1354	93	1447
##	8843	Ens0016	5	E06000013	10	1	0	1
##	8844	Ens0017	5	E06000013	125	0	17	17
##	8845	Ens0018	5	E06000013	143	2	14	16
##	8846	Ens0019	5	E06000013	28	0	0	0
##	8847	Ens001a	5	E06000013	64	3	0	3
##	8848	Ens001b	5	E06000013	1931	54	0	54
##	8849	Ens001c	5	E06000013	2	0	0	0
##	8850	Ens001d	5	E06000013	671	1	142	143
##	8851	Ens0000	6	E06000013	472	31	0	31
##	8852	Ens0001	6	E06000013	1	0	0	0
##	8853	Ens0002	6	E06000013	5469	479	0	479
##	8854	Ens0003	6	E06000013	17	0	0	0
##	8855	Ens0004	6	E06000013	12	0	0	0
##	8856	Ens0005	6	E06000013	114	0	65	65
##	8857	Ens0006	6	E06000013	177	0	47	47
##	8858	Ens0007	6	E06000013	9	0	3	3
##	8859	Ens0008	6	E06000013	62	5	0	5
##	8860	Ens0009	6	E06000013	971	0	300	300
##	8861	Ens000a	6	E06000013	162	16	28	44
##	8862	Ens000b	6	E06000013	260	0	43	43
##	8863	Ens000c	6	E06000013	1092	19	7	26
##	8864	Ens000d	6	E06000013	99	1	0	1
##	8865	Ens000e	6	E06000013	6864	2	1284	1286
##	8866	Ens000f	6	E06000013	579	44	1	45
##	8867	Ens000g	6	E06000013	24	0	0	0
##	8868	Ens000h	6	E06000013	1009	0	373	373
##	8869	Ens000i	6	E06000013	152	19	0	19
##	8870	Ens000j	6	E06000013	5	0	0	0
##	8871	Ens000k	6	E06000013	46	0	0	0
##	8872	Ens000l	6	E06000013	64	2	15	17
##	8873	Ens000m	6	E06000013	1022	41	1	42
##	8874	Ens000n	6	E06000013	32	3	0	3
##	8875	Ens000o	6	E06000013	142	0	50	50
##	8876	Ens000p	6	E06000013	944	0	387	387
##	8877	Ens000q	6	E06000013	0	0	0	0
##	8878	Ens000r	6	E06000013	1959	164	2	166
##	8879	Ens000s	6	E06000013	7602	394	342	736
##	8880	Ens000t	6	E06000013	1103	49	0	49
##	8881	Ens000u	6	E06000013	105	0	25	25
##	8882	Ens000v	6	E06000013	13	1	16	17
##	8883	Ens000w	6	E06000013	11	0	4	4
##	8884	Ens000x	6	E06000013	916	28	646	674
##	8885	Ens000y	6	E06000013	4	0	0	0
##	8886	Ens000z	6	E06000013	7	0	0	0
##	8887	Ens0010	6	E06000013	24	0	30	30
##	8888	Ens0011	6	E06000013	45	0	5	5

##	8889	Ens0012	6	E06000013	10	1	4	5
##	8890	Ens0013	6	E06000013	103	0	25	25
##	8891	Ens0014	6	E06000013	111	0	32	32
##	8892	Ens0015	6	E06000013	8048	1463	81	1544
##	8893	Ens0016	6	E06000013	11	0	0	0
##	8894	Ens0017	6	E06000013	68	0	27	27
##	8895	Ens0018	6	E06000013	181	6	23	29
##	8896	Ens0019	6	E06000013	30	3	0	3
##	8897	Ens001a	6	E06000013	63	5	0	5
##	8898	Ens001b	6	E06000013	1622	34	0	34
##	8899	Ens001c	6	E06000013	13	3	0	3
##	8900	Ens001d	6	E06000013	706	1	129	130
##	8901	Ens0000	7	E06000013	738	38	0	38
##	8902	Ens0001	7	E06000013	5	0	0	0
##	8903	Ens0002	7	E06000013	5996	629	0	629
##	8904	Ens0003	7	E06000013	14	0	2	2
##	8905	Ens0004	7	E06000013	6	2	0	2
##	8906	Ens0005	7	E06000013	92	0	63	63
##	8907	Ens0006	7	E06000013	164	0	30	30
##	8908	Ens0007	7	E06000013	12	0	3	3
##	8909	Ens0008	7	E06000013	60	3	0	3
##	8910	Ens0009	7	E06000013	889	0	288	288
##	8911	Ens000a	7	E06000013	143	7	17	24
##	8912	Ens000b	7	E06000013	207	0	23	23
##	8913	Ens000c	7	E06000013	1020	14	6	20
##	8914	Ens000d	7	E06000013	123	3	1	4
##	8915	Ens000e	7	E06000013	7334	2	1368	1370
##	8916	Ens000f	7	E06000013	697	39	0	39
##	8917	Ens000g	7	E06000013	15	0	0	0
##	8918	Ens000h	7	E06000013	1078	1	427	428
##	8919	Ens000i	7	E06000013	92	13	1	14
##	8920	Ens000j	7	E06000013	7	0	0	0
##	8921	Ens000k	7	E06000013	20	1	0	1
##	8922	Ens000l	7	E06000013	23	0	9	9
##	8923	Ens000m	7	E06000013	1179	53	0	53
##	8924	Ens000n	7	E06000013	63	4	0	4
##	8925	Ens000o	7	E06000013	152	0	68	68
##	8926	Ens000p	7	E06000013	820	0	374	374
##	8927	Ens000q	7	E06000013	1	0	0	0
##	8928	Ens000r	7	E06000013	2363	216	1	217
##	8929	Ens000s	7	E06000013	7923	457	373	830
##	8930	Ens000t	7	E06000013	909	41	1	42
##	8931	Ens000u	7	E06000013	87	0	25	25
##	8932	Ens000v	7	E06000013	21	3	37	40
##	8933	Ens000w	7	E06000013	18	0	7	7
##	8934	Ens000x	7	E06000013	864	21	597	618
##	8935	Ens000y	7	E06000013	1	0	0	0
##	8936	Ens000z	7	E06000013	3	0	0	0
##	8937	Ens0010	7	E06000013	26	1	23	24
##	8938	Ens0011	7	E06000013	91	0	20	20
##	8939	Ens0012	7	E06000013	6	0	0	0
##	8940	Ens0013	7	E06000013	44	1	8	9
##	8941	Ens0014	7	E06000013	178	0	50	50
##	8942	Ens0015	7	E06000013	7755	1328	74	1402
##	8943	Ens0016	7	E06000013	16	2	0	2
##	8944	Ens0017	7	E06000013	93	0	16	16
##	8945	Ens0018	7	E06000013	161	1	10	11
##	8946	Ens0019	7	E06000013	41	4	0	4
##	8947	Ens001a	7	E06000013	36	3	0	3
##	8948	Ens001b	7	E06000013	1874	53	1	54
##	8949	Ens001c	7	E06000013	6	1	0	1
##	8950	Ens001d	7	E06000013	692	0	138	138
##	8951	Ens0000	8	E06000013	272	15	0	15
##	8952	Ens0001	8	E06000013	4	0	0	0
##	8953	Ens0002	8	E06000013	5987	649	0	649
##	8954	Ens0003	8	E06000013	19	0	0	0
##	8955	Ens0004	8	E06000013	9	1	0	1
##	8956	Ens0005	8	E06000013	93	0	44	44
##	8957	Ens0006	8	E06000013	150	0	22	22
##	8958	Ens0007	8	E06000013	12	0	0	0

##	8959	Ens0008	8	E06000013	87	3	0	3
##	8960	Ens0009	8	E06000013	772	0	231	231
##	8961	Ens000a	8	E06000013	216	14	28	42
##	8962	Ens000b	8	E06000013	328	0	55	55
##	8963	Ens000c	8	E06000013	893	17	4	21
##	8964	Ens000d	8	E06000013	111	1	0	1
##	8965	Ens000e	8	E06000013	7438	2	1414	1416
##	8966	Ens000f	8	E06000013	735	51	0	51
##	8967	Ens000g	8	E06000013	13	0	0	0
##	8968	Ens000h	8	E06000013	1111	2	370	372
##	8969	Ens000i	8	E06000013	179	13	2	15
##	8970	Ens000j	8	E06000013	4	0	0	0
##	8971	Ens000k	8	E06000013	44	1	0	1
##	8972	Ens000l	8	E06000013	104	0	25	25
##	8973	Ens000m	8	E06000013	1252	49	0	49
##	8974	Ens000n	8	E06000013	80	7	0	7
##	8975	Ens000o	8	E06000013	121	0	63	63
##	8976	Ens000p	8	E06000013	1180	0	506	506
##	8977	Ens000q	8	E06000013	2	0	0	0
##	8978	Ens000r	8	E06000013	2504	252	2	254
##	8979	Ens000s	8	E06000013	7816	409	387	796
##	8980	Ens000t	8	E06000013	1020	44	0	44
##	8981	Ens000u	8	E06000013	99	0	23	23
##	8982	Ens000v	8	E06000013	19	1	37	38
##	8983	Ens000w	8	E06000013	40	0	6	6
##	8984	Ens000x	8	E06000013	700	15	530	545
##	8985	Ens000y	8	E06000013	2	0	0	0
##	8986	Ens000z	8	E06000013	6	0	0	0
##	8987	Ens0010	8	E06000013	26	1	18	19
##	8988	Ens0011	8	E06000013	69	0	12	12
##	8989	Ens0012	8	E06000013	13	0	4	4
##	8990	Ens0013	8	E06000013	64	0	13	13
##	8991	Ens0014	8	E06000013	164	0	44	44
##	8992	Ens0015	8	E06000013	8027	1396	92	1488
##	8993	Ens0016	8	E06000013	8	2	0	2
##	8994	Ens0017	8	E06000013	146	0	25	25
##	8995	Ens0018	8	E06000013	151	1	19	20
##	8996	Ens0019	8	E06000013	47	1	0	1
##	8997	Ens001a	8	E06000013	37	1	0	1
##	8998	Ens001b	8	E06000013	1558	27	1	28
##	8999	Ens001c	8	E06000013	2	0	0	0
##	9000	Ens001d	8	E06000013	616	1	90	91
##	9001	Ens0000	9	E06000013	343	19	0	19
##	9002	Ens0001	9	E06000013	6	0	0	0
##	9003	Ens0002	9	E06000013	5911	619	0	619
##	9004	Ens0003	9	E06000013	15	0	0	0
##	9005	Ens0004	9	E06000013	13	0	0	0
##	9006	Ens0005	9	E06000013	92	0	48	48
##	9007	Ens0006	9	E06000013	163	0	29	29
##	9008	Ens0007	9	E06000013	18	0	3	3
##	9009	Ens0008	9	E06000013	48	2	0	2
##	9010	Ens0009	9	E06000013	959	0	347	347
##	9011	Ens000a	9	E06000013	233	22	33	55
##	9012	Ens000b	9	E06000013	305	0	44	44
##	9013	Ens000c	9	E06000013	1296	34	3	37
##	9014	Ens000d	9	E06000013	94	1	0	1
##	9015	Ens000e	9	E06000013	6821	7	1267	1274
##	9016	Ens000f	9	E06000013	1002	96	0	96
##	9017	Ens000g	9	E06000013	12	1	0	1
##	9018	Ens000h	9	E06000013	862	3	321	324
##	9019	Ens000i	9	E06000013	94	11	0	11
##	9020	Ens000j	9	E06000013	3	1	0	1
##	9021	Ens000k	9	E06000013	38	1	0	1
##	9022	Ens000l	9	E06000013	31	0	9	9
##	9023	Ens000m	9	E06000013	955	41	0	41
##	9024	Ens000n	9	E06000013	45	6	0	6
##	9025	Ens000o	9	E06000013	152	0	62	62
##	9026	Ens000p	9	E06000013	718	0	326	326
##	9027	Ens000q	9	E06000013	1	1	0	1
##	9028	Ens000r	9	E06000013	2193	198	3	201

##	9029	Ens000s	9	E06000013	7505	371	373	744
##	9030	Ens000t	9	E06000013	1860	105	0	105
##	9031	Ens000u	9	E06000013	189	0	43	43
##	9032	Ens000v	9	E06000013	12	1	27	28
##	9033	Ens000w	9	E06000013	40	0	8	8
##	9034	Ens000x	9	E06000013	732	23	523	546
##	9035	Ens000y	9	E06000013	1	0	0	0
##	9036	Ens000z	9	E06000013	3	0	2	2
##	9037	Ens0010	9	E06000013	28	1	28	29
##	9038	Ens0011	9	E06000013	71	0	19	19
##	9039	Ens0012	9	E06000013	1	0	1	1
##	9040	Ens0013	9	E06000013	97	0	23	23
##	9041	Ens0014	9	E06000013	127	0	31	31
##	9042	Ens0015	9	E06000013	7913	1396	89	1485
##	9043	Ens0016	9	E06000013	15	2	0	2
##	9044	Ens0017	9	E06000013	196	0	21	21
##	9045	Ens0018	9	E06000013	167	1	15	16
##	9046	Ens0019	9	E06000013	25	3	0	3
##	9047	Ens001a	9	E06000013	35	1	0	1
##	9048	Ens001b	9	E06000013	1593	31	0	31
##	9049	Ens001c	9	E06000013	4	1	0	1
##	9050	Ens001d	9	E06000013	623	0	103	103
##	9051	Ens0000	10	E06000013	353	14	0	14
##	9052	Ens0001	10	E06000013	4	0	0	0
##	9053	Ens0002	10	E06000013	5717	592	0	592
##	9054	Ens0003	10	E06000013	14	0	0	0
##	9055	Ens0004	10	E06000013	19	1	0	1
##	9056	Ens0005	10	E06000013	113	0	76	76
##	9057	Ens0006	10	E06000013	107	0	24	24
##	9058	Ens0007	10	E06000013	16	0	3	3
##	9059	Ens0008	10	E06000013	90	1	0	1
##	9060	Ens0009	10	E06000013	908	0	323	323
##	9061	Ens000a	10	E06000013	196	14	26	40
##	9062	Ens000b	10	E06000013	226	0	35	35
##	9063	Ens000c	10	E06000013	1285	20	3	23
##	9064	Ens000d	10	E06000013	73	0	0	0
##	9065	Ens000e	10	E06000013	7030	8	1296	1304
##	9066	Ens000f	10	E06000013	731	57	1	58
##	9067	Ens000g	10	E06000013	17	1	0	1
##	9068	Ens000h	10	E06000013	966	0	314	314
##	9069	Ens000i	10	E06000013	71	7	1	8
##	9070	Ens000j	10	E06000013	1	0	0	0
##	9071	Ens000k	10	E06000013	47	4	0	4
##	9072	Ens000l	10	E06000013	46	0	13	13
##	9073	Ens000m	10	E06000013	1180	41	1	42
##	9074	Ens000n	10	E06000013	58	5	0	5
##	9075	Ens000o	10	E06000013	123	0	55	55
##	9076	Ens000p	10	E06000013	768	0	313	313
##	9077	Ens000q	10	E06000013	0	0	0	0
##	9078	Ens000r	10	E06000013	1934	151	2	153
##	9079	Ens000s	10	E06000013	7756	420	427	847
##	9080	Ens000t	10	E06000013	1459	75	1	76
##	9081	Ens000u	10	E06000013	204	0	47	47
##	9082	Ens000v	10	E06000013	17	3	17	20
##	9083	Ens000w	10	E06000013	10	0	3	3
##	9084	Ens000x	10	E06000013	1492	53	987	1040
##	9085	Ens000y	10	E06000013	1	0	0	0
##	9086	Ens000z	10	E06000013	3	0	0	0
##	9087	Ens0010	10	E06000013	34	1	33	34
##	9088	Ens0011	10	E06000013	49	0	9	9
##	9089	Ens0012	10	E06000013	7	0	0	0
##	9090	Ens0013	10	E06000013	61	0	20	20
##	9091	Ens0014	10	E06000013	103	0	23	23
##	9092	Ens0015	10	E06000013	7723	1285	82	1367
##	9093	Ens0016	10	E06000013	4	0	0	0
##	9094	Ens0017	10	E06000013	243	0	38	38
##	9095	Ens0018	10	E06000013	169	2	12	14
##	9096	Ens0019	10	E06000013	216	23	0	23
##	9097	Ens001a	10	E06000013	28	0	0	0
##	9098	Ens001b	10	E06000013	2157	52	0	52

##	9099	Ens001c	10	E06000013	1	0	0	0
##	9100	Ens001d	10	E06000013	921	2	181	183
##	9101	Ens0000	1	E06000014	321	8	0	8
##	9102	Ens0001	1	E06000014	2	0	0	0
##	9103	Ens0002	1	E06000014	6608	638	0	638
##	9104	Ens0003	1	E06000014	13	0	1	1
##	9105	Ens0004	1	E06000014	22	0	0	0
##	9106	Ens0005	1	E06000014	96	0	66	66
##	9107	Ens0006	1	E06000014	148	0	38	38
##	9108	Ens0007	1	E06000014	15	0	1	1
##	9109	Ens0008	1	E06000014	90	5	0	5
##	9110	Ens0009	1	E06000014	844	0	297	297
##	9111	Ens000a	1	E06000014	155	9	19	28
##	9112	Ens000b	1	E06000014	189	0	29	29
##	9113	Ens000c	1	E06000014	952	12	1	13
##	9114	Ens000d	1	E06000014	73	0	0	0
##	9115	Ens000e	1	E06000014	7475	7	1371	1378
##	9116	Ens000f	1	E06000014	480	31	0	31
##	9117	Ens000g	1	E06000014	35	3	0	3
##	9118	Ens000h	1	E06000014	940	1	328	329
##	9119	Ens000i	1	E06000014	70	4	1	5
##	9120	Ens000j	1	E06000014	3	0	0	0
##	9121	Ens000k	1	E06000014	25	2	0	2
##	9122	Ens000l	1	E06000014	42	0	10	10
##	9123	Ens000m	1	E06000014	1422	50	0	50
##	9124	Ens000n	1	E06000014	88	8	0	8
##	9125	Ens000o	1	E06000014	141	0	42	42
##	9126	Ens000p	1	E06000014	675	0	265	265
##	9127	Ens000q	1	E06000014	0	0	0	0
##	9128	Ens000r	1	E06000014	2516	243	1	244
##	9129	Ens000s	1	E06000014	8703	428	439	867
##	9130	Ens000t	1	E06000014	879	38	1	39
##	9131	Ens000u	1	E06000014	181	0	34	34
##	9132	Ens000v	1	E06000014	25	5	36	41
##	9133	Ens000w	1	E06000014	28	0	7	7
##	9134	Ens000x	1	E06000014	738	17	491	508
##	9135	Ens000y	1	E06000014	0	0	0	0
##	9136	Ens000z	1	E06000014	8	0	1	1
##	9137	Ens0010	1	E06000014	28	2	30	32
##	9138	Ens0011	1	E06000014	107	0	16	16
##	9139	Ens0012	1	E06000014	7	0	1	1
##	9140	Ens0013	1	E06000014	100	0	35	35
##	9141	Ens0014	1	E06000014	103	0	35	35
##	9142	Ens0015	1	E06000014	9437	1672	94	1766
##	9143	Ens0016	1	E06000014	11	2	0	2
##	9144	Ens0017	1	E06000014	173	0	30	30
##	9145	Ens0018	1	E06000014	270	5	25	30
##	9146	Ens0019	1	E06000014	26	1	0	1
##	9147	Ens001a	1	E06000014	40	4	0	4
##	9148	Ens001b	1	E06000014	1943	50	0	50
##	9149	Ens001c	1	E06000014	7	0	0	0
##	9150	Ens001d	1	E06000014	585	2	101	103
##	9151	Ens001e	1	E06000014	140	0	57	57
##	9152	Ens001f	1	E06000014	22	0	0	0
##	9153	Ens001g	1	E06000014	1635	0	637	637
##	9154	Ens001h	1	E06000014	966	28	50	78
##	9155	Ens001i	1	E06000014	13	2	0	2
##	9156	Ens001j	1	E06000014	41	1	0	1
##	9157	Ens001k	1	E06000014	3	0	0	0
##	9158	Ens001l	1	E06000014	31	4	5	9
##	9159	Ens001m	1	E06000014	197	0	9	9
##	9160	Ens001n	1	E06000014	523	18	5	23
##	9161	Ens001o	1	E06000014	27	0	0	0
##	9162	Ens001p	1	E06000014	1911	187	0	187
##	9163	Ens001q	1	E06000014	376	17	0	17
##	9164	Ens001r	1	E06000014	723	31	0	31
##	9165	Ens001s	1	E06000014	107	0	31	31
##	9166	Ens001t	1	E06000014	2	0	1	1
##	9167	Ens001u	1	E06000014	39	4	0	4
##	9168	Ens001v	1	E06000014	807	22	0	22

##	9169	Ens001w	1	E06000014	393	17	0	17
##	9170	Ens001x	1	E06000014	4	0	0	0
##	9171	Ens001y	1	E06000014	4782	620	0	620
##	9172	Ens001z	1	E06000014	6	0	0	0
##	9173	Ens0020	1	E06000014	74	9	0	9
##	9174	Ens0021	1	E06000014	158	6	52	58
##	9175	Ens0022	1	E06000014	232	5	0	5
##	9176	Ens0023	1	E06000014	4336	531	0	531
##	9177	Ens0024	1	E06000014	8	2	0	2
##	9178	Ens0025	1	E06000014	35	1	0	1
##	9179	Ens0026	1	E06000014	5708	0	1322	1322
##	9180	Ens0027	1	E06000014	14	0	4	4
##	9181	Ens0028	1	E06000014	5	0	0	0
##	9182	Ens0029	1	E06000014	705	33	161	194
##	9183	Ens002a	1	E06000014	121	0	11	11
##	9184	Ens002b	1	E06000014	1440	34	0	34
##	9185	Ens002c	1	E06000014	128	0	57	57
##	9186	Ens002d	1	E06000014	26	1	0	1
##	9187	Ens002e	1	E06000014	277	0	136	136
##	9188	Ens002f	1	E06000014	88	0	53	53
##	9189	Ens002g	1	E06000014	1020	50	3	53
##	9190	Ens002h	1	E06000014	1543	0	286	286
##	9191	Ens002i	1	E06000014	2295	26	0	26
##	9192	Ens002j	1	E06000014	46	3	1	4
##	9193	Ens002k	1	E06000014	1	0	0	0
##	9194	Ens002l	1	E06000014	135	9	0	9
##	9195	Ens002m	1	E06000014	97	4	0	4
##	9196	Ens002n	1	E06000014	105	9	15	24
##	9197	Ens002o	1	E06000014	529	13	29	42
##	9198	Ens002p	1	E06000014	111	5	0	5
##	9199	Ens002q	1	E06000014	0	0	0	0
##	9200	Ens002r	1	E06000014	10	0	2	2
##	9201	Ens002s	1	E06000014	367	9	0	9
##	9202	Ens002t	1	E06000014	3505	392	2	394
##	9203	Ens002u	1	E06000014	99	4	0	4
##	9204	Ens002v	1	E06000014	25	4	0	4
##	9205	Ens002w	1	E06000014	3381	177	0	177
##	9206	Ens002x	1	E06000014	2082	119	0	119
##	9207	Ens002y	1	E06000014	265	8	49	57
##	9208	Ens002z	1	E06000014	2812	0	464	464
##	9209	Ens0030	1	E06000014	5474	0	661	661
##	9210	Ens0031	1	E06000014	52	0	7	7
##	9211	Ens0032	1	E06000014	1200	74	2	76
##	9212	Ens0033	1	E06000014	5795	185	16	201
##	9213	Ens0034	1	E06000014	139	0	23	23
##	9214	Ens0035	1	E06000014	1161	96	2	98
##	9215	Ens0036	1	E06000014	24	0	4	4
##	9216	Ens0037	1	E06000014	58	6	0	6
##	9217	Ens0038	1	E06000014	1776	1	461	462
##	9218	Ens0039	1	E06000014	41	0	6	6
##	9219	Ens003a	1	E06000014	1877	162	0	162
##	9220	Ens003b	1	E06000014	13	1	0	1
##	9221	Ens003c	1	E06000014	18	0	0	0
##	9222	Ens003d	1	E06000014	77	2	0	2
##	9223	Ens003e	1	E06000014	7902	0	1424	1424
##	9224	Ens003f	1	E06000014	42	0	13	13
##	9225	Ens003g	1	E06000014	29	0	2	2
##	9226	Ens003h	1	E06000014	17	0	0	0
##	9227	Ens003i	1	E06000014	27	0	11	11
##	9228	Ens003j	1	E06000014	9	0	0	0
##	9229	Ens003k	1	E06000014	98	0	18	18
##	9230	Ens003l	1	E06000014	7	0	0	0
##	9231	Ens003m	1	E06000014	1	0	1	1
##	9232	Ens003n	1	E06000014	5	0	1	1
##	9233	Ens003o	1	E06000014	5	0	0	0
##	9234	Ens003p	1	E06000014	72	1	0	1
##	9235	Ens003q	1	E06000014	39	2	0	2
##	9236	Ens003r	1	E06000014	27	4	1	5
##	9237	Ens003s	1	E06000014	6	0	0	0
##	9238	Ens003t	1	E06000014	21	0	0	0

##	9239	Ens003u	1	E06000014	1005	15	39	54
##	9240	Ens003v	1	E06000014	2	0	0	0
##	9241	Ens003w	1	E06000014	4682	94	756	850
##	9242	Ens003x	1	E06000014	22	0	0	0
##	9243	Ens003y	1	E06000014	772	20	4	24
##	9244	Ens003z	1	E06000014	526	15	0	15
##	9245	Ens0040	1	E06000014	37	0	8	8
##	9246	Ens0041	1	E06000014	92	7	0	7
##	9247	Ens0042	1	E06000014	1	0	0	0
##	9248	Ens0043	1	E06000014	26	0	3	3
##	9249	Ens0044	1	E06000014	4641	84	6	90
##	9250	Ens0045	1	E06000014	442	10	17	27
##	9251	Ens0046	1	E06000014	3496	324	1	325
##	9252	Ens0047	1	E06000014	240	0	87	87
##	9253	Ens0048	1	E06000014	581	30	0	30
##	9254	Ens0049	1	E06000014	1	0	0	0
##	9255	Ens004a	1	E06000014	672	0	174	174
##	9256	Ens004b	1	E06000014	14	0	6	6
##	9257	Ens004c	1	E06000014	0	0	0	0
##	9258	Ens004d	1	E06000014	4	0	0	0
##	9259	Ens004e	1	E06000014	967	0	164	164
##	9260	Ens004f	1	E06000014	4	0	0	0
##	9261	Ens004g	1	E06000014	205	0	58	58
##	9262	Ens004h	1	E06000014	4128	0	363	363
##	9263	Ens004i	1	E06000014	112	1	41	42
##	9264	Ens004j	1	E06000014	15	1	0	1
##	9265	Ens004k	1	E06000014	9565	806	0	806
##	9266	Ens004l	1	E06000014	53	0	37	37
##	9267	Ens004m	1	E06000014	8	0	0	0
##	9268	Ens004n	1	E06000014	16	0	1	1
##	9269	Ens004o	1	E06000014	79	1	0	1
##	9270	Ens004p	1	E06000014	11	0	2	2
##	9271	Ens004q	1	E06000014	799	9	7	16
##	9272	Ens004r	1	E06000014	22	2	0	2
##	9273	Ens004s	1	E06000014	7	0	8	8
##	9274	Ens004t	1	E06000014	24	3	0	3
##	9275	Ens004u	1	E06000014	120	4	0	4
##	9276	Ens004v	1	E06000014	696	34	4	38
##	9277	Ens004w	1	E06000014	16	0	9	9
##	9278	Ens004x	1	E06000014	1440	0	391	391
##	9279	Ens004y	1	E06000014	12	0	3	3
##	9280	Ens004z	1	E06000014	114	0	24	24
##	9281	Ens0050	1	E06000014	3	0	0	0
##	9282	Ens0051	1	E06000014	97	6	4	10
##	9283	Ens0052	1	E06000014	18	0	0	0
##	9284	Ens0053	1	E06000014	7983	612	57	669
##	9285	Ens0054	1	E06000014	14	0	2	2
##	9286	Ens0055	1	E06000014	345	12	1	13
##	9287	Ens0056	1	E06000014	4034	76	0	76
##	9288	Ens0057	1	E06000014	2451	140	2	142
##	9289	Ens0058	1	E06000014	813	4	233	237
##	9290	Ens0059	1	E06000014	325	18	1	19
##	9291	Ens005a	1	E06000014	4526	0	1464	1464
##	9292	Ens005b	1	E06000014	626	0	148	148
##	9293	Ens005c	1	E06000014	22	1	0	1
##	9294	Ens005d	1	E06000014	34	1	0	1
##	9295	Ens005e	1	E06000014	344	4	120	124
##	9296	Ens005f	1	E06000014	805	0	71	71
##	9297	Ens005g	1	E06000014	148	2	7	9
##	9298	Ens005h	1	E06000014	2	0	3	3
##	9299	Ens005i	1	E06000014	5	1	0	1
##	9300	Ens005j	1	E06000014	412	21	0	21
##	9301	Ens005k	1	E06000014	237	15	0	15
##	9302	Ens005l	1	E06000014	5	0	0	0
##	9303	Ens005m	1	E06000014	49	0	4	4
##	9304	Ens005n	1	E06000014	105	1	0	1
##	9305	Ens005o	1	E06000014	1043	0	530	530
##	9306	Ens005p	1	E06000014	207	0	41	41
##	9307	Ens005q	1	E06000014	5	0	0	0
##	9308	Ens005r	1	E06000014	23	1	0	1

##	9309	Ens005s	1	E06000014	1	0	0	0
##	9310	Ens005t	1	E06000014	2412	11	5474	5485
##	9311	Ens005u	1	E06000014	104	8	0	8
##	9312	Ens005v	1	E06000014	99	3	59	62
##	9313	Ens005w	1	E06000014	875	0	523	523
##	9314	Ens005x	1	E06000014	32	0	2	2
##	9315	Ens005y	1	E06000014	890	70	0	70
##	9316	Ens005z	1	E06000014	197	0	43	43
##	9317	Ens0060	1	E06000014	183	6	0	6
##	9318	Ens0061	1	E06000014	4330	435	21	456
##	9319	Ens0062	1	E06000014	2675	0	728	728
##	9320	Ens0063	1	E06000014	82	1	0	1
##	9321	Ens0064	1	E06000014	2873	155	161	316
##	9322	Ens0065	1	E06000014	4	0	0	0
##	9323	Ens0066	1	E06000014	187	6	19	25
##	9324	Ens0067	1	E06000014	1	1	0	1
##	9325	Ens0068	1	E06000014	2	0	0	0
##	9326	Ens0069	1	E06000014	13	0	0	0
##	9327	Ens006a	1	E06000014	167	1	0	1
##	9328	Ens006b	1	E06000014	1185	60	0	60
##	9329	Ens006c	1	E06000014	4846	953	15	968
##	9330	Ens006d	1	E06000014	1443	0	598	598
##	9331	Ens006e	1	E06000014	331	37	7	44
##	9332	Ens006f	1	E06000014	3359	0	619	619
##	9333	Ens006g	1	E06000014	6976	1058	0	1058
##	9334	Ens006h	1	E06000014	132	0	21	21
##	9335	Ens006i	1	E06000014	1972	37	0	37
##	9336	Ens006j	1	E06000014	0	0	1	1
##	9337	Ens006k	1	E06000014	563	19	0	19
##	9338	Ens006l	1	E06000014	209	2	53	55
##	9339	Ens006m	1	E06000014	5910	397	0	397
##	9340	Ens006n	1	E06000014	56	4	0	4
##	9341	Ens006o	1	E06000014	199	3	0	3
##	9342	Ens006p	1	E06000014	3	0	0	0
##	9343	Ens006q	1	E06000014	68	0	18	18
##	9344	Ens006r	1	E06000014	141	0	31	31
##	9345	Ens006s	1	E06000014	155	2	103	105
##	9346	Ens006t	1	E06000014	19	0	4	4
##	9347	Ens006u	1	E06000014	3	0	1	1
##	9348	Ens006v	1	E06000014	21	0	2	2
##	9349	Ens006w	1	E06000014	4	0	1	1
##	9350	Ens006x	1	E06000014	88	1	0	1
##	9351	Ens0000	2	E06000014	873	56	0	56
##	9352	Ens0001	2	E06000014	2	0	0	0
##	9353	Ens0002	2	E06000014	6488	584	0	584
##	9354	Ens0003	2	E06000014	33	1	0	1
##	9355	Ens0004	2	E06000014	11	0	0	0
##	9356	Ens0005	2	E06000014	66	0	47	47
##	9357	Ens0006	2	E06000014	129	0	22	22
##	9358	Ens0007	2	E06000014	8	0	2	2
##	9359	Ens0008	2	E06000014	35	0	0	0
##	9360	Ens0009	2	E06000014	970	0	323	323
##	9361	Ens000a	2	E06000014	119	7	22	29
##	9362	Ens000b	2	E06000014	138	0	24	24
##	9363	Ens000c	2	E06000014	830	11	4	15
##	9364	Ens000d	2	E06000014	80	4	0	4
##	9365	Ens000e	2	E06000014	7831	2	1463	1465
##	9366	Ens000f	2	E06000014	850	68	0	68
##	9367	Ens000g	2	E06000014	23	4	0	4
##	9368	Ens000h	2	E06000014	751	0	275	275
##	9369	Ens000i	2	E06000014	111	9	2	11
##	9370	Ens000j	2	E06000014	6	0	0	0
##	9371	Ens000k	2	E06000014	40	1	0	1
##	9372	Ens000l	2	E06000014	47	0	10	10
##	9373	Ens000m	2	E06000014	1488	56	0	56
##	9374	Ens000n	2	E06000014	53	9	0	9
##	9375	Ens000o	2	E06000014	186	0	91	91
##	9376	Ens000p	2	E06000014	606	0	236	236
##	9377	Ens000q	2	E06000014	3	0	0	0
##	9378	Ens000r	2	E06000014	1993	162	0	162



##	9379	Ens000s	2	E06000014	8128	363	378	741
##	9380	Ens000t	2	E06000014	910	50	0	50
##	9381	Ens000u	2	E06000014	90	0	22	22
##	9382	Ens000v	2	E06000014	21	1	27	28
##	9383	Ens000w	2	E06000014	23	0	9	9
##	9384	Ens000x	2	E06000014	706	25	452	477
##	9385	Ens000y	2	E06000014	1	0	0	0
##	9386	Ens000z	2	E06000014	7	0	0	0
##	9387	Ens0010	2	E06000014	41	2	26	28
##	9388	Ens0011	2	E06000014	84	0	8	8
##	9389	Ens0012	2	E06000014	4	0	0	0
##	9390	Ens0013	2	E06000014	58	1	17	18
##	9391	Ens0014	2	E06000014	132	0	31	31
##	9392	Ens0015	2	E06000014	8933	1417	105	1522
##	9393	Ens0016	2	E06000014	6	1	0	1
##	9394	Ens0017	2	E06000014	143	0	28	28
##	9395	Ens0018	2	E06000014	255	4	21	25
##	9396	Ens0019	2	E06000014	54	4	0	4
##	9397	Ens001a	2	E06000014	54	3	0	3
##	9398	Ens001b	2	E06000014	1387	31	0	31
##	9399	Ens001c	2	E06000014	0	0	0	0
##	9400	Ens001d	2	E06000014	657	1	120	121
##	9401	Ens0000	3	E06000014	388	23	0	23
##	9402	Ens0001	3	E06000014	1	0	0	0
##	9403	Ens0002	3	E06000014	6634	604	0	604
##	9404	Ens0003	3	E06000014	11	0	0	0
##	9405	Ens0004	3	E06000014	7	0	0	0
##	9406	Ens0005	3	E06000014	87	0	51	51
##	9407	Ens0006	3	E06000014	153	0	22	22
##	9408	Ens0007	3	E06000014	24	0	2	2
##	9409	Ens0008	3	E06000014	76	4	0	4
##	9410	Ens0009	3	E06000014	869	0	252	252
##	9411	Ens000a	3	E06000014	122	10	14	24
##	9412	Ens000b	3	E06000014	289	0	47	47
##	9413	Ens000c	3	E06000014	982	13	3	16
##	9414	Ens000d	3	E06000014	90	1	0	1
##	9415	Ens000e	3	E06000014	7783	4	1470	1474
##	9416	Ens000f	3	E06000014	634	43	0	43
##	9417	Ens000g	3	E06000014	31	1	0	1
##	9418	Ens000h	3	E06000014	803	0	279	279
##	9419	Ens000i	3	E06000014	165	14	0	14
##	9420	Ens000j	3	E06000014	3	0	0	0
##	9421	Ens000k	3	E06000014	38	3	0	3
##	9422	Ens000l	3	E06000014	75	0	21	21
##	9423	Ens000m	3	E06000014	937	32	0	32
##	9424	Ens000n	3	E06000014	32	1	0	1
##	9425	Ens000o	3	E06000014	132	0	45	45
##	9426	Ens000p	3	E06000014	1240	0	535	535
##	9427	Ens000q	3	E06000014	1	0	0	0
##	9428	Ens000r	3	E06000014	2306	213	2	215
##	9429	Ens000s	3	E06000014	8541	412	470	882
##	9430	Ens000t	3	E06000014	1185	62	1	63
##	9431	Ens000u	3	E06000014	123	0	23	23
##	9432	Ens000v	3	E06000014	30	3	43	46
##	9433	Ens000w	3	E06000014	19	0	4	4
##	9434	Ens000x	3	E06000014	1116	37	781	818
##	9435	Ens000y	3	E06000014	2	0	0	0
##	9436	Ens000z	3	E06000014	7	0	0	0
##	9437	Ens0010	3	E06000014	22	0	33	33
##	9438	Ens0011	3	E06000014	45	0	13	13
##	9439	Ens0012	3	E06000014	6	0	2	2
##	9440	Ens0013	3	E06000014	60	0	18	18
##	9441	Ens0014	3	E06000014	107	0	28	28
##	9442	Ens0015	3	E06000014	9161	1514	89	1603
##	9443	Ens0016	3	E06000014	7	0	0	0
##	9444	Ens0017	3	E06000014	112	0	25	25
##	9445	Ens0018	3	E06000014	129	3	3	6
##	9446	Ens0019	3	E06000014	49	3	0	3
##	9447	Ens001a	3	E06000014	61	2	0	2
##	9448	Ens001b	3	E06000014	1725	35	0	35

##	9449	Ens001c	3	E06000014	2	1	0	1
##	9450	Ens001d	3	E06000014	629	2	99	101
##	9451	Ens0000	4	E06000014	434	28	0	28
##	9452	Ens0001	4	E06000014	3	0	0	0
##	9453	Ens0002	4	E06000014	6566	613	0	613
##	9454	Ens0003	4	E06000014	14	2	1	3
##	9455	Ens0004	4	E06000014	3	1	0	1
##	9456	Ens0005	4	E06000014	77	0	44	44
##	9457	Ens0006	4	E06000014	206	0	35	35
##	9458	Ens0007	4	E06000014	11	0	2	2
##	9459	Ens0008	4	E06000014	61	1	0	1
##	9460	Ens0009	4	E06000014	804	0	263	263
##	9461	Ens000a	4	E06000014	154	12	25	37
##	9462	Ens000b	4	E06000014	144	0	29	29
##	9463	Ens000c	4	E06000014	1296	22	4	26
##	9464	Ens000d	4	E06000014	66	2	0	2
##	9465	Ens000e	4	E06000014	6956	4	1374	1378
##	9466	Ens000f	4	E06000014	676	46	0	46
##	9467	Ens000g	4	E06000014	23	1	0	1
##	9468	Ens000h	4	E06000014	748	0	249	249
##	9469	Ens000i	4	E06000014	150	19	1	20
##	9470	Ens000j	4	E06000014	6	0	0	0
##	9471	Ens000k	4	E06000014	75	3	0	3
##	9472	Ens000l	4	E06000014	79	0	10	10
##	9473	Ens000m	4	E06000014	1082	29	0	29
##	9474	Ens000n	4	E06000014	47	6	0	6
##	9475	Ens000o	4	E06000014	154	0	68	68
##	9476	Ens000p	4	E06000014	720	0	341	341
##	9477	Ens000q	4	E06000014	1	1	1	2
##	9478	Ens000r	4	E06000014	2319	213	2	215
##	9479	Ens000s	4	E06000014	7866	353	398	751
##	9480	Ens000t	4	E06000014	1243	65	0	65
##	9481	Ens000u	4	E06000014	140	0	30	30
##	9482	Ens000v	4	E06000014	16	3	25	28
##	9483	Ens000w	4	E06000014	31	0	4	4
##	9484	Ens000x	4	E06000014	880	27	589	616
##	9485	Ens000y	4	E06000014	1	0	0	0
##	9486	Ens000z	4	E06000014	4	0	1	1
##	9487	Ens0010	4	E06000014	27	0	31	31
##	9488	Ens0011	4	E06000014	40	0	6	6
##	9489	Ens0012	4	E06000014	6	0	1	1
##	9490	Ens0013	4	E06000014	66	0	13	13
##	9491	Ens0014	4	E06000014	163	0	43	43
##	9492	Ens0015	4	E06000014	9367	1557	94	1651
##	9493	Ens0016	4	E06000014	12	1	0	1
##	9494	Ens0017	4	E06000014	141	0	37	37
##	9495	Ens0018	4	E06000014	195	3	22	25
##	9496	Ens0019	4	E06000014	39	5	0	5
##	9497	Ens001a	4	E06000014	34	3	0	3
##	9498	Ens001b	4	E06000014	1444	38	1	39
##	9499	Ens001c	4	E06000014	2	0	0	0
##	9500	Ens001d	4	E06000014	880	1	151	152
##	9501	Ens0000	5	E06000014	457	19	0	19
##	9502	Ens0001	5	E06000014	5	0	0	0
##	9503	Ens0002	5	E06000014	6149	524	0	524
##	9504	Ens0003	5	E06000014	16	1	0	1
##	9505	Ens0004	5	E06000014	9	1	0	1
##	9506	Ens0005	5	E06000014	68	0	46	46
##	9507	Ens0006	5	E06000014	139	0	32	32
##	9508	Ens0007	5	E06000014	25	0	3	3
##	9509	Ens0008	5	E06000014	49	1	0	1
##	9510	Ens0009	5	E06000014	804	0	264	264
##	9511	Ens000a	5	E06000014	143	5	18	23
##	9512	Ens000b	5	E06000014	147	0	28	28
##	9513	Ens000c	5	E06000014	1047	13	4	17
##	9514	Ens000d	5	E06000014	81	2	0	2
##	9515	Ens000e	5	E06000014	7188	1	1350	1351
##	9516	Ens000f	5	E06000014	657	44	0	44
##	9517	Ens000g	5	E06000014	14	0	0	0
##	9518	Ens000h	5	E06000014	879	0	270	270

##	9519	Ens000i	5	E06000014	193	21	0	21
##	9520	Ens000j	5	E06000014	4	0	0	0
##	9521	Ens000k	5	E06000014	28	2	0	2
##	9522	Ens000l	5	E06000014	31	0	3	3
##	9523	Ens000m	5	E06000014	1296	55	0	55
##	9524	Ens000n	5	E06000014	35	3	0	3
##	9525	Ens000o	5	E06000014	177	0	69	69
##	9526	Ens000p	5	E06000014	677	0	286	286
##	9527	Ens000q	5	E06000014	1	0	1	1
##	9528	Ens000r	5	E06000014	2527	228	3	231
##	9529	Ens000s	5	E06000014	8247	399	416	815
##	9530	Ens000t	5	E06000014	967	42	0	42
##	9531	Ens000u	5	E06000014	113	0	24	24
##	9532	Ens000v	5	E06000014	19	2	28	30
##	9533	Ens000w	5	E06000014	13	0	3	3
##	9534	Ens000x	5	E06000014	1029	29	757	786
##	9535	Ens000y	5	E06000014	2	0	0	0
##	9536	Ens000z	5	E06000014	2	0	0	0
##	9537	Ens0010	5	E06000014	43	3	37	40
##	9538	Ens0011	5	E06000014	55	0	6	6
##	9539	Ens0012	5	E06000014	7	1	0	1
##	9540	Ens0013	5	E06000014	60	1	16	17
##	9541	Ens0014	5	E06000014	138	0	25	25
##	9542	Ens0015	5	E06000014	9034	1370	104	1474
##	9543	Ens0016	5	E06000014	11	1	0	1
##	9544	Ens0017	5	E06000014	102	0	21	21
##	9545	Ens0018	5	E06000014	236	5	26	31
##	9546	Ens0019	5	E06000014	24	7	0	7
##	9547	Ens001a	5	E06000014	39	1	0	1
##	9548	Ens001b	5	E06000014	2046	60	1	61
##	9549	Ens001c	5	E06000014	3	0	0	0
##	9550	Ens001d	5	E06000014	890	0	173	173
##	9551	Ens0000	6	E06000014	336	21	0	21
##	9552	Ens0001	6	E06000014	6	0	0	0
##	9553	Ens0002	6	E06000014	6232	532	0	532
##	9554	Ens0003	6	E06000014	11	0	0	0
##	9555	Ens0004	6	E06000014	14	0	0	0
##	9556	Ens0005	6	E06000014	76	0	47	47
##	9557	Ens0006	6	E06000014	131	0	24	24
##	9558	Ens0007	6	E06000014	10	0	2	2
##	9559	Ens0008	6	E06000014	49	0	0	0
##	9560	Ens0009	6	E06000014	809	0	265	265
##	9561	Ens000a	6	E06000014	131	6	22	28
##	9562	Ens000b	6	E06000014	141	0	24	24
##	9563	Ens000c	6	E06000014	1447	29	8	37
##	9564	Ens000d	6	E06000014	117	4	0	4
##	9565	Ens000e	6	E06000014	7702	2	1446	1448
##	9566	Ens000f	6	E06000014	796	62	0	62
##	9567	Ens000g	6	E06000014	14	1	0	1
##	9568	Ens000h	6	E06000014	915	0	296	296
##	9569	Ens000i	6	E06000014	102	14	0	14
##	9570	Ens000j	6	E06000014	2	0	0	0
##	9571	Ens000k	6	E06000014	22	0	0	0
##	9572	Ens000l	6	E06000014	83	0	18	18
##	9573	Ens000m	6	E06000014	878	35	0	35
##	9574	Ens000n	6	E06000014	47	10	0	10
##	9575	Ens000o	6	E06000014	191	0	59	59
##	9576	Ens000p	6	E06000014	779	0	339	339
##	9577	Ens000q	6	E06000014	3	0	1	1
##	9578	Ens000r	6	E06000014	1846	152	1	153
##	9579	Ens000s	6	E06000014	8386	379	439	818
##	9580	Ens000t	6	E06000014	998	58	0	58
##	9581	Ens000u	6	E06000014	233	0	35	35
##	9582	Ens000v	6	E06000014	23	1	32	33
##	9583	Ens000w	6	E06000014	21	0	6	6
##	9584	Ens000x	6	E06000014	978	34	676	710
##	9585	Ens000y	6	E06000014	0	0	0	0
##	9586	Ens000z	6	E06000014	1	0	0	0
##	9587	Ens0010	6	E06000014	27	1	25	26
##	9588	Ens0011	6	E06000014	45	0	11	11

##	9589	Ens0012	6	E06000014	7	0	0	0
##	9590	Ens0013	6	E06000014	58	0	11	11
##	9591	Ens0014	6	E06000014	106	0	30	30
##	9592	Ens0015	6	E06000014	9146	1549	80	1629
##	9593	Ens0016	6	E06000014	18	1	0	1
##	9594	Ens0017	6	E06000014	156	0	25	25
##	9595	Ens0018	6	E06000014	142	0	10	10
##	9596	Ens0019	6	E06000014	56	9	0	9
##	9597	Ens001a	6	E06000014	47	3	0	3
##	9598	Ens001b	6	E06000014	1506	29	0	29
##	9599	Ens001c	6	E06000014	5	0	0	0
##	9600	Ens001d	6	E06000014	579	1	103	104
##	9601	Ens0000	7	E06000014	382	18	0	18
##	9602	Ens0001	7	E06000014	0	0	0	0
##	9603	Ens0002	7	E06000014	6074	550	0	550
##	9604	Ens0003	7	E06000014	5	0	1	1
##	9605	Ens0004	7	E06000014	11	0	0	0
##	9606	Ens0005	7	E06000014	51	0	36	36
##	9607	Ens0006	7	E06000014	115	0	21	21
##	9608	Ens0007	7	E06000014	15	0	0	0
##	9609	Ens0008	7	E06000014	59	2	0	2
##	9610	Ens0009	7	E06000014	839	0	275	275
##	9611	Ens000a	7	E06000014	149	11	21	32
##	9612	Ens000b	7	E06000014	148	0	28	28
##	9613	Ens000c	7	E06000014	1145	16	5	21
##	9614	Ens000d	7	E06000014	113	3	0	3
##	9615	Ens000e	7	E06000014	7433	3	1359	1362
##	9616	Ens000f	7	E06000014	819	65	0	65
##	9617	Ens000g	7	E06000014	16	0	0	0
##	9618	Ens000h	7	E06000014	772	0	272	272
##	9619	Ens000i	7	E06000014	114	6	0	6
##	9620	Ens000j	7	E06000014	4	1	0	1
##	9621	Ens000k	7	E06000014	50	4	0	4
##	9622	Ens000l	7	E06000014	83	0	8	8
##	9623	Ens000m	7	E06000014	1059	40	0	40
##	9624	Ens000n	7	E06000014	74	8	0	8
##	9625	Ens000o	7	E06000014	133	0	43	43
##	9626	Ens000p	7	E06000014	1366	0	608	608
##	9627	Ens000q	7	E06000014	3	0	0	0
##	9628	Ens000r	7	E06000014	3550	383	0	383
##	9629	Ens000s	7	E06000014	8774	426	427	853
##	9630	Ens000t	7	E06000014	1349	81	1	82
##	9631	Ens000u	7	E06000014	132	0	32	32
##	9632	Ens000v	7	E06000014	21	0	33	33
##	9633	Ens000w	7	E06000014	21	0	7	7
##	9634	Ens000x	7	E06000014	775	30	546	576
##	9635	Ens000y	7	E06000014	1	0	0	0
##	9636	Ens000z	7	E06000014	3	0	0	0
##	9637	Ens0010	7	E06000014	21	0	20	20
##	9638	Ens0011	7	E06000014	33	0	5	5
##	9639	Ens0012	7	E06000014	1	0	2	2
##	9640	Ens0013	7	E06000014	53	0	15	15
##	9641	Ens0014	7	E06000014	171	0	52	52
##	9642	Ens0015	7	E06000014	9001	1403	92	1495
##	9643	Ens0016	7	E06000014	8	2	0	2
##	9644	Ens0017	7	E06000014	145	0	24	24
##	9645	Ens0018	7	E06000014	183	4	18	22
##	9646	Ens0019	7	E06000014	36	3	0	3
##	9647	Ens001a	7	E06000014	48	4	0	4
##	9648	Ens001b	7	E06000014	1929	48	1	49
##	9649	Ens001c	7	E06000014	4	1	0	1
##	9650	Ens001d	7	E06000014	684	0	121	121
##	9651	Ens0000	8	E06000014	277	15	0	15
##	9652	Ens0001	8	E06000014	1	0	0	0
##	9653	Ens0002	8	E06000014	6546	608	0	608
##	9654	Ens0003	8	E06000014	18	1	0	1
##	9655	Ens0004	8	E06000014	11	0	0	0
##	9656	Ens0005	8	E06000014	88	0	55	55
##	9657	Ens0006	8	E06000014	101	0	33	33
##	9658	Ens0007	8	E06000014	12	0	2	2

##	9659	Ens0008	8	E06000014	82	5	0	5
##	9660	Ens0009	8	E06000014	876	0	301	301
##	9661	Ens000a	8	E06000014	159	8	22	30
##	9662	Ens000b	8	E06000014	145	0	22	22
##	9663	Ens000c	8	E06000014	972	13	4	17
##	9664	Ens000d	8	E06000014	88	1	1	2
##	9665	Ens000e	8	E06000014	7904	6	1468	1474
##	9666	Ens000f	8	E06000014	683	54	0	54
##	9667	Ens000g	8	E06000014	13	0	0	0
##	9668	Ens000h	8	E06000014	799	0	278	278
##	9669	Ens000i	8	E06000014	149	11	0	11
##	9670	Ens000j	8	E06000014	1	0	0	0
##	9671	Ens000k	8	E06000014	57	1	0	1
##	9672	Ens000l	8	E06000014	182	0	48	48
##	9673	Ens000m	8	E06000014	1848	84	0	84
##	9674	Ens000n	8	E06000014	53	8	0	8
##	9675	Ens000o	8	E06000014	133	0	59	59
##	9676	Ens000p	8	E06000014	705	0	332	332
##	9677	Ens000q	8	E06000014	0	0	0	0
##	9678	Ens000r	8	E06000014	3079	298	1	299
##	9679	Ens000s	8	E06000014	9314	461	473	934
##	9680	Ens000t	8	E06000014	961	53	1	54
##	9681	Ens000u	8	E06000014	143	0	26	26
##	9682	Ens000v	8	E06000014	29	3	26	29
##	9683	Ens000w	8	E06000014	29	0	3	3
##	9684	Ens000x	8	E06000014	602	21	424	445
##	9685	Ens000y	8	E06000014	5	0	0	0
##	9686	Ens000z	8	E06000014	11	0	1	1
##	9687	Ens0010	8	E06000014	47	0	39	39
##	9688	Ens0011	8	E06000014	108	0	12	12
##	9689	Ens0012	8	E06000014	8	1	2	3
##	9690	Ens0013	8	E06000014	59	0	18	18
##	9691	Ens0014	8	E06000014	80	0	20	20
##	9692	Ens0015	8	E06000014	9193	1451	111	1562
##	9693	Ens0016	8	E06000014	16	3	0	3
##	9694	Ens0017	8	E06000014	153	0	22	22
##	9695	Ens0018	8	E06000014	173	4	18	22
##	9696	Ens0019	8	E06000014	21	1	0	1
##	9697	Ens001a	8	E06000014	70	2	0	2
##	9698	Ens001b	8	E06000014	2077	62	1	63
##	9699	Ens001c	8	E06000014	0	0	0	0
##	9700	Ens001d	8	E06000014	642	2	110	112
##	9701	Ens0000	9	E06000014	402	23	0	23
##	9702	Ens0001	9	E06000014	1	0	0	0
##	9703	Ens0002	9	E06000014	6441	594	0	594
##	9704	Ens0003	9	E06000014	13	0	0	0
##	9705	Ens0004	9	E06000014	16	0	0	0
##	9706	Ens0005	9	E06000014	82	0	62	62
##	9707	Ens0006	9	E06000014	166	0	40	40
##	9708	Ens0007	9	E06000014	15	0	0	0
##	9709	Ens0008	9	E06000014	53	1	0	1
##	9710	Ens0009	9	E06000014	1036	0	330	330
##	9711	Ens000a	9	E06000014	193	6	37	43
##	9712	Ens000b	9	E06000014	153	0	20	20
##	9713	Ens000c	9	E06000014	887	20	4	24
##	9714	Ens000d	9	E06000014	86	1	0	1
##	9715	Ens000e	9	E06000014	7323	3	1370	1373
##	9716	Ens000f	9	E06000014	846	66	0	66
##	9717	Ens000g	9	E06000014	17	1	0	1
##	9718	Ens000h	9	E06000014	838	1	310	311
##	9719	Ens000i	9	E06000014	100	7	0	7
##	9720	Ens000j	9	E06000014	6	0	0	0
##	9721	Ens000k	9	E06000014	51	7	0	7
##	9722	Ens000l	9	E06000014	71	0	19	19
##	9723	Ens000m	9	E06000014	993	32	1	33
##	9724	Ens000n	9	E06000014	28	5	0	5
##	9725	Ens000o	9	E06000014	144	0	53	53
##	9726	Ens000p	9	E06000014	1005	0	435	435
##	9727	Ens000q	9	E06000014	0	0	0	0
##	9728	Ens000r	9	E06000014	2166	172	1	173

##	9729	Ens000s	9	E06000014	8670	447	432	879
##	9730	Ens000t	9	E06000014	1465	67	1	68
##	9731	Ens000u	9	E06000014	320	0	85	85
##	9732	Ens000v	9	E06000014	17	1	29	30
##	9733	Ens000w	9	E06000014	21	0	4	4
##	9734	Ens000x	9	E06000014	986	29	732	761
##	9735	Ens000y	9	E06000014	0	0	1	1
##	9736	Ens000z	9	E06000014	4	0	0	0
##	9737	Ens0010	9	E06000014	44	2	53	55
##	9738	Ens0011	9	E06000014	51	0	4	4
##	9739	Ens0012	9	E06000014	7	0	0	0
##	9740	Ens0013	9	E06000014	59	0	11	11
##	9741	Ens0014	9	E06000014	119	0	36	36
##	9742	Ens0015	9	E06000014	9102	1485	89	1574
##	9743	Ens0016	9	E06000014	6	1	0	1
##	9744	Ens0017	9	E06000014	229	0	47	47
##	9745	Ens0018	9	E06000014	154	2	19	21
##	9746	Ens0019	9	E06000014	22	4	0	4
##	9747	Ens001a	9	E06000014	40	1	0	1
##	9748	Ens001b	9	E06000014	1774	31	0	31
##	9749	Ens001c	9	E06000014	1	0	0	0
##	9750	Ens001d	9	E06000014	611	2	101	103
##	9751	Ens0000	10	E06000014	368	19	0	19
##	9752	Ens0001	10	E06000014	9	0	0	0
##	9753	Ens0002	10	E06000014	6102	535	0	535
##	9754	Ens0003	10	E06000014	13	0	0	0
##	9755	Ens0004	10	E06000014	50	5	0	5
##	9756	Ens0005	10	E06000014	89	0	50	50
##	9757	Ens0006	10	E06000014	155	0	26	26
##	9758	Ens0007	10	E06000014	3	0	2	2
##	9759	Ens0008	10	E06000014	87	1	0	1
##	9760	Ens0009	10	E06000014	839	0	267	267
##	9761	Ens000a	10	E06000014	133	7	15	22
##	9762	Ens000b	10	E06000014	157	0	41	41
##	9763	Ens000c	10	E06000014	986	22	1	23
##	9764	Ens000d	10	E06000014	137	2	0	2
##	9765	Ens000e	10	E06000014	7495	6	1400	1406
##	9766	Ens000f	10	E06000014	814	73	0	73
##	9767	Ens000g	10	E06000014	29	2	0	2
##	9768	Ens000h	10	E06000014	802	0	299	299
##	9769	Ens000i	10	E06000014	153	9	1	10
##	9770	Ens000j	10	E06000014	2	0	0	0
##	9771	Ens000k	10	E06000014	51	4	0	4
##	9772	Ens000l	10	E06000014	114	0	28	28
##	9773	Ens000m	10	E06000014	1174	35	0	35
##	9774	Ens000n	10	E06000014	49	5	0	5
##	9775	Ens000o	10	E06000014	171	0	55	55
##	9776	Ens000p	10	E06000014	763	0	318	318
##	9777	Ens000q	10	E06000014	1	0	0	0
##	9778	Ens000r	10	E06000014	2175	204	2	206
##	9779	Ens000s	10	E06000014	8356	423	414	837
##	9780	Ens000t	10	E06000014	881	35	2	37
##	9781	Ens000u	10	E06000014	177	0	35	35
##	9782	Ens000v	10	E06000014	17	0	23	23
##	9783	Ens000w	10	E06000014	20	0	4	4
##	9784	Ens000x	10	E06000014	903	25	619	644
##	9785	Ens000y	10	E06000014	1	0	1	1
##	9786	Ens000z	10	E06000014	5	0	0	0
##	9787	Ens0010	10	E06000014	24	0	29	29
##	9788	Ens0011	10	E06000014	52	0	11	11
##	9789	Ens0012	10	E06000014	3	0	2	2
##	9790	Ens0013	10	E06000014	56	0	8	8
##	9791	Ens0014	10	E06000014	91	0	33	33
##	9792	Ens0015	10	E06000014	8943	1404	94	1498
##	9793	Ens0016	10	E06000014	9	0	0	0
##	9794	Ens0017	10	E06000014	109	0	11	11
##	9795	Ens0018	10	E06000014	177	1	21	22
##	9796	Ens0019	10	E06000014	47	3	0	3
##	9797	Ens001a	10	E06000014	39	2	0	2
##	9798	Ens001b	10	E06000014	1714	25	0	25

##	9799	Ens001c	10	E06000014	2	0	0	0
##	9800	Ens001d	10	E06000014	578	1	112	113
##	9801	Ens0000	1	E06000015	2154	143	0	143
##	9802	Ens0001	1	E06000015	22	1	0	1
##	9803	Ens0002	1	E06000015	10698	1536	0	1536
##	9804	Ens0003	1	E06000015	99	2	0	2
##	9805	Ens0004	1	E06000015	89	3	0	3
##	9806	Ens0005	1	E06000015	930	0	599	599
##	9807	Ens0006	1	E06000015	1036	0	240	240
##	9808	Ens0007	1	E06000015	99	0	8	8
##	9809	Ens0008	1	E06000015	468	20	1	21
##	9810	Ens0009	1	E06000015	3783	0	1231	1231
##	9811	Ens000a	1	E06000015	1228	98	202	300
##	9812	Ens000b	1	E06000015	1608	0	252	252
##	9813	Ens000c	1	E06000015	4689	106	22	128
##	9814	Ens000d	1	E06000015	790	17	2	19
##	9815	Ens000e	1	E06000015	12007	9	2211	2220
##	9816	Ens000f	1	E06000015	3413	357	0	357
##	9817	Ens000g	1	E06000015	175	12	0	12
##	9818	Ens000h	1	E06000015	3272	2	1123	1125
##	9819	Ens000i	1	E06000015	1343	164	9	173
##	9820	Ens000j	1	E06000015	36	5	0	5
##	9821	Ens000k	1	E06000015	309	14	0	14
##	9822	Ens000l	1	E06000015	493	0	88	88
##	9823	Ens000m	1	E06000015	4332	211	0	211
##	9824	Ens000n	1	E06000015	305	28	0	28
##	9825	Ens000o	1	E06000015	1466	0	547	547
##	9826	Ens000p	1	E06000015	3160	0	1341	1341
##	9827	Ens000q	1	E06000015	8	0	0	0
##	9828	Ens000r	1	E06000015	6505	935	3	938
##	9829	Ens000s	1	E06000015	14167	1040	679	1719
##	9830	Ens000t	1	E06000015	7176	539	2	541
##	9831	Ens000u	1	E06000015	846	0	174	174
##	9832	Ens000v	1	E06000015	185	11	239	250
##	9833	Ens000w	1	E06000015	143	0	33	33
##	9834	Ens000x	1	E06000015	4419	212	3092	3304
##	9835	Ens000y	1	E06000015	11	0	1	1
##	9836	Ens000z	1	E06000015	70	0	6	6
##	9837	Ens0010	1	E06000015	144	6	143	149
##	9838	Ens0011	1	E06000015	377	0	58	58
##	9839	Ens0012	1	E06000015	56	0	9	9
##	9840	Ens0013	1	E06000015	436	2	94	96
##	9841	Ens0014	1	E06000015	1287	0	363	363
##	9842	Ens0015	1	E06000015	12290	2477	125	2602
##	9843	Ens0016	1	E06000015	84	8	0	8
##	9844	Ens0017	1	E06000015	1331	0	247	247
##	9845	Ens0018	1	E06000015	1224	36	126	162
##	9846	Ens0019	1	E06000015	244	14	0	14
##	9847	Ens001a	1	E06000015	304	22	0	22
##	9848	Ens001b	1	E06000015	6299	213	1	214
##	9849	Ens001c	1	E06000015	23	2	0	2
##	9850	Ens001d	1	E06000015	3342	8	670	678
##	9851	Ens001e	1	E06000015	1175	0	413	413
##	9852	Ens001f	1	E06000015	244	11	0	11
##	9853	Ens001g	1	E06000015	5583	0	2270	2270
##	9854	Ens001h	1	E06000015	4166	109	213	322
##	9855	Ens001i	1	E06000015	76	4	0	4
##	9856	Ens001j	1	E06000015	193	4	0	4
##	9857	Ens001k	1	E06000015	25	5	0	5
##	9858	Ens001l	1	E06000015	131	11	20	31
##	9859	Ens001m	1	E06000015	1351	21	62	83
##	9860	Ens001n	1	E06000015	3026	187	27	214
##	9861	Ens001o	1	E06000015	115	0	24	24
##	9862	Ens001p	1	E06000015	6545	935	0	935
##	9863	Ens001q	1	E06000015	2926	100	0	100
##	9864	Ens001r	1	E06000015	3794	239	2	241
##	9865	Ens001s	1	E06000015	730	0	135	135
##	9866	Ens001t	1	E06000015	19	0	8	8
##	9867	Ens001u	1	E06000015	268	31	0	31
##	9868	Ens001v	1	E06000015	4408	170	0	170

##	9869	Ens001w	1	E06000015	2865	153	0	153
##	9870	Ens001x	1	E06000015	16	5	0	5
##	9871	Ens001y	1	E06000015	10558	1998	0	1998
##	9872	Ens001z	1	E06000015	48	5	0	5
##	9873	Ens0020	1	E06000015	660	72	5	77
##	9874	Ens0021	1	E06000015	1481	55	431	486
##	9875	Ens0022	1	E06000015	1472	43	0	43
##	9876	Ens0023	1	E06000015	11350	2058	0	2058
##	9877	Ens0024	1	E06000015	74	5	0	5
##	9878	Ens0025	1	E06000015	400	30	0	30
##	9879	Ens0026	1	E06000015	10363	0	2490	2490
##	9880	Ens0027	1	E06000015	108	0	19	19
##	9881	Ens0028	1	E06000015	31	2	0	2
##	9882	Ens0029	1	E06000015	2983	183	712	895
##	9883	Ens002a	1	E06000015	1985	0	266	266
##	9884	Ens002b	1	E06000015	4396	156	0	156
##	9885	Ens002c	1	E06000015	1148	0	426	426
##	9886	Ens002d	1	E06000015	388	5	0	5
##	9887	Ens002e	1	E06000015	1913	2	822	824
##	9888	Ens002f	1	E06000015	699	1	413	414
##	9889	Ens002g	1	E06000015	4099	238	0	238
##	9890	Ens002h	1	E06000015	4114	0	833	833
##	9891	Ens002i	1	E06000015	7056	117	0	117
##	9892	Ens002j	1	E06000015	576	21	15	36
##	9893	Ens002k	1	E06000015	17	2	0	2
##	9894	Ens002l	1	E06000015	1156	96	0	96
##	9895	Ens002m	1	E06000015	1035	46	0	46
##	9896	Ens002n	1	E06000015	916	113	99	212
##	9897	Ens002o	1	E06000015	3412	91	206	297
##	9898	Ens002p	1	E06000015	1096	67	0	67
##	9899	Ens002q	1	E06000015	12	0	0	0
##	9900	Ens002r	1	E06000015	23	0	1	1
##	9901	Ens002s	1	E06000015	2194	60	0	60
##	9902	Ens002t	1	E06000015	7629	1447	2	1449
##	9903	Ens002u	1	E06000015	802	33	0	33
##	9904	Ens002v	1	E06000015	112	7	0	7
##	9905	Ens002w	1	E06000015	11684	951	0	951
##	9906	Ens002x	1	E06000015	9323	746	0	746
##	9907	Ens002y	1	E06000015	2927	153	616	769
##	9908	Ens002z	1	E06000015	7267	0	1188	1188
##	9909	Ens0030	1	E06000015	11264	0	1380	1380
##	9910	Ens0031	1	E06000015	541	0	89	89
##	9911	Ens0032	1	E06000015	2943	200	6	206
##	9912	Ens0033	1	E06000015	9784	511	20	531
##	9913	Ens0034	1	E06000015	799	0	140	140
##	9914	Ens0035	1	E06000015	5149	469	19	488
##	9915	Ens0036	1	E06000015	259	0	25	25
##	9916	Ens0037	1	E06000015	397	40	0	40
##	9917	Ens0038	1	E06000015	8023	0	2240	2240
##	9918	Ens0039	1	E06000015	349	0	83	83
##	9919	Ens003a	1	E06000015	4846	612	0	612
##	9920	Ens003b	1	E06000015	96	4	0	4
##	9921	Ens003c	1	E06000015	192	1	21	22
##	9922	Ens003d	1	E06000015	557	12	0	12
##	9923	Ens003e	1	E06000015	14917	0	2705	2705
##	9924	Ens003f	1	E06000015	370	0	120	120
##	9925	Ens003g	1	E06000015	156	0	28	28
##	9926	Ens003h	1	E06000015	187	3	0	3
##	9927	Ens003i	1	E06000015	322	0	116	116
##	9928	Ens003j	1	E06000015	49	0	12	12
##	9929	Ens003k	1	E06000015	964	39	193	232
##	9930	Ens003l	1	E06000015	39	5	1	6
##	9931	Ens003m	1	E06000015	18	0	4	4
##	9932	Ens003n	1	E06000015	44	0	5	5
##	9933	Ens003o	1	E06000015	35	1	0	1
##	9934	Ens003p	1	E06000015	485	29	1	30
##	9935	Ens003q	1	E06000015	430	15	0	15
##	9936	Ens003r	1	E06000015	655	22	50	72
##	9937	Ens003s	1	E06000015	55	2	0	2
##	9938	Ens003t	1	E06000015	168	8	0	8



##	9939	Ens003u	1	E06000015	4737	94	185	279
##	9940	Ens003v	1	E06000015	17	3	0	3
##	9941	Ens003w	1	E06000015	10406	372	1712	2084
##	9942	Ens003x	1	E06000015	63	3	0	3
##	9943	Ens003y	1	E06000015	3647	136	30	166
##	9944	Ens003z	1	E06000015	2946	202	0	202
##	9945	Ens0040	1	E06000015	316	1	70	71
##	9946	Ens0041	1	E06000015	441	35	0	35
##	9947	Ens0042	1	E06000015	24	1	0	1
##	9948	Ens0043	1	E06000015	385	0	96	96
##	9949	Ens0044	1	E06000015	11736	351	6	357
##	9950	Ens0045	1	E06000015	3052	115	117	232
##	9951	Ens0046	1	E06000015	9599	1451	2	1453
##	9952	Ens0047	1	E06000015	2005	0	647	647
##	9953	Ens0048	1	E06000015	2040	99	0	99
##	9954	Ens0049	1	E06000015	18	0	0	0
##	9955	Ens004a	1	E06000015	2863	0	825	825
##	9956	Ens004b	1	E06000015	172	0	56	56
##	9957	Ens004c	1	E06000015	38	7	0	7
##	9958	Ens004d	1	E06000015	41	2	0	2
##	9959	Ens004e	1	E06000015	5011	0	835	835
##	9960	Ens004f	1	E06000015	52	0	7	7
##	9961	Ens004g	1	E06000015	2284	0	809	809
##	9962	Ens004h	1	E06000015	6599	0	577	577
##	9963	Ens004i	1	E06000015	744	4	294	298
##	9964	Ens004j	1	E06000015	51	2	0	2
##	9965	Ens004k	1	E06000015	13416	1576	0	1576
##	9966	Ens004l	1	E06000015	587	0	480	480
##	9967	Ens004m	1	E06000015	49	1	0	1
##	9968	Ens004n	1	E06000015	204	1	15	16
##	9969	Ens004o	1	E06000015	579	19	0	19
##	9970	Ens004p	1	E06000015	117	0	29	29
##	9971	Ens004q	1	E06000015	4441	89	26	115
##	9972	Ens004r	1	E06000015	139	10	0	10
##	9973	Ens004s	1	E06000015	84	0	37	37
##	9974	Ens004t	1	E06000015	320	30	0	30
##	9975	Ens004u	1	E06000015	621	23	0	23
##	9976	Ens004v	1	E06000015	2314	174	24	198
##	9977	Ens004w	1	E06000015	153	0	42	42
##	9978	Ens004x	1	E06000015	5541	0	1467	1467
##	9979	Ens004y	1	E06000015	95	0	27	27
##	9980	Ens004z	1	E06000015	942	7	287	294
##	9981	Ens0050	1	E06000015	41	0	10	10
##	9982	Ens0051	1	E06000015	602	36	16	52
##	9983	Ens0052	1	E06000015	156	4	1	5
##	9984	Ens0053	1	E06000015	16278	1964	104	2068
##	9985	Ens0054	1	E06000015	68	0	20	20
##	9986	Ens0055	1	E06000015	2840	97	5	102
##	9987	Ens0056	1	E06000015	9348	289	0	289
##	9988	Ens0057	1	E06000015	9701	723	4	727
##	9989	Ens0058	1	E06000015	5414	27	1428	1455
##	9990	Ens0059	1	E06000015	1402	108	0	108
##	9991	Ens005a	1	E06000015	11707	0	3667	3667
##	9992	Ens005b	1	E06000015	2973	0	640	640
##	9993	Ens005c	1	E06000015	183	11	0	11
##	9994	Ens005d	1	E06000015	205	11	0	11
##	9995	Ens005e	1	E06000015	2080	20	644	664
##	9996	Ens005f	1	E06000015	3896	0	380	380
##	9997	Ens005g	1	E06000015	1279	6	83	89
##	9998	Ens005h	1	E06000015	56	0	12	12
##	9999	Ens005i	1	E06000015	32	1	0	1
##		LAD19NM		region	week			
##	1	Hartlepool	E12000001		12			
##	2	Hartlepool	E12000001		12			
##	3	Hartlepool	E12000001		12			
##	4	Hartlepool	E12000001		12			
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## 6301	Kingston upon Hull, City of	E12000003	12
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## 6307	Kingston upon Hull, City of	E12000003	12
## 6308	Kingston upon Hull, City of	E12000003	12

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## 7639	East Riding of Yorkshire	E12000003	12
## 7640	East Riding of Yorkshire	E12000003	12
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## 7707	North East Lincolnshire	E12000003	12
## 7708	North East Lincolnshire	E12000003	12

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##	8339	North East Lincolnshire	E12000003	12
##	8340	North East Lincolnshire	E12000003	12
##	8341	North East Lincolnshire	E12000003	12
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## 9993 Derby E12000004 12
## 9994 Derby E12000004 12
## 9995 Derby E12000004 12
## 9996 Derby E12000004 12
## 9997 Derby E12000004 12
## 9998 Derby E12000004 12
## 9999 Derby E12000004 12
## [ reached 'max' / getOption("max.print") -- omitted 1651101 rows ]
```



```
#地区选择1
temp_region1 <- subset(covid_outputs,
                        replicate==1 & week==12&region=="E12000001")
totals<- aggregate(deaths ~ output, data = temp_region1,FUN = mean)

deaths<-round(totals[,2])
totalout_1<-data.frame(totals,deaths)
#drop(totalout['deaths'])
totalout_1<-subset(totalout_1,select = -deaths)
colnames(totalout_1)[2]='deaths'

#地区选择2
temp_region2 <- subset(covid_outputs,
                        replicate==1 & week==12&region=="E12000002")
totals<- aggregate(deaths ~ output, data = temp_region2,FUN = mean)

deaths<-round(totals[,2])
totalout_2<-data.frame(totals,deaths)
#drop(totalout['deaths'])
totalout_2<-subset(totalout_2,select = -deaths)
colnames(totalout_2)[2]='deaths'

#地区选择3
temp_region3 <- subset(covid_outputs,
                        replicate==1 & week==12&region=="E12000003")

totals<- aggregate(deaths ~ output, data = temp_region3,FUN = mean)

deaths<-round(totals[,2])
totalout_3<-data.frame(totals,deaths)
#drop(totalout['deaths'])
totalout_3<-subset(totalout_3,select = -deaths)
colnames(totalout_3)[2]='deaths'

#地区选择4
temp_region4 <- subset(covid_outputs,
                        replicate==1 & week==12&region=="E12000004")

totals<- aggregate(deaths ~ output, data = temp_region4,FUN = mean)

deaths<-round(totals[,2])
totalout_4<-data.frame(totals,deaths)
#drop(totalout['deaths'])
totalout_4<-subset(totalout_4,select = -deaths)
colnames(totalout_4)[2]='deaths'

#地区选择5
temp_region5 <- subset(covid_outputs,
                        replicate==1 & week==12&region=="E12000005")

totals<- aggregate(deaths ~ output, data = temp_region5,FUN = mean)

deaths<-round(totals[,2])
totalout_5<-data.frame(totals,deaths)
#drop(totalout['deaths'])
totalout_5<-subset(totalout_5,select = -deaths)
colnames(totalout_5)[2]='deaths'

#地区选择6
temp_region6 <- subset(covid_outputs,
                        replicate==1 & week==12&region=="E12000006")

totals<- aggregate(deaths ~ output, data = temp_region6,FUN = mean)

deaths<-round(totals[,2])
totalout_6<-data.frame(totals,deaths)
```

```
#drop(totalout['deaths'])
totalout_6<-subset(totalout_6,select = -deaths)
colnames(totalout_6)[2]='deaths'

#地区选择7
temp_region7 <- subset(covid_outputs,
                        replicate==1 & week==12&region=="E12000007")

totals<- aggregate(deaths ~ output, data = temp_region7,FUN = mean)

deaths<-round(totals[,2])
totalout_7<-data.frame(totals,deaths)
#drop(totalout['deaths'])
totalout_7<-subset(totalout_7,select = -deaths)
colnames(totalout_7)[2]='deaths'

#地区选择8
temp_region8 <- subset(covid_outputs,
                        replicate==1 & week==12&region=="E12000008")

totals<- aggregate(deaths ~ output, data = temp_region8,FUN = mean)

deaths<-round(totals[,2])
totalout_8<-data.frame(totals,deaths)
#drop(totalout['deaths'])
totalout_8<-subset(totalout_8,select = -deaths)
colnames(totalout_8)[2]='deaths'

#地区选择9
temp_region9 <- subset(covid_outputs,
                        replicate==1 & week==12&region=="E12000009")

totals<- aggregate(deaths ~ output, data = temp_region9,FUN = mean)

deaths<-round(totals[,2])
totalout_9<-data.frame(totals,deaths)
#drop(totalout['deaths'])
totalout_9<-subset(totalout_9,select = -deaths)
colnames(totalout_9)[2]='deaths'

totalout_1
```

##	output	deaths
## 1	Ens0000	13
## 2	Ens0001	0
## 3	Ens0002	535
## 4	Ens0003	0
## 5	Ens0004	0
## 6	Ens0005	64
## 7	Ens0006	22
## 8	Ens0007	2
## 9	Ens0008	2
## 10	Ens0009	199
## 11	Ens000a	21
## 12	Ens000b	16
## 13	Ens000c	12
## 14	Ens000d	3
## 15	Ens000e	1374
## 16	Ens000f	24
## 17	Ens000g	0
## 18	Ens000h	237
## 19	Ens000i	14
## 20	Ens000j	0
## 21	Ens000k	1
## 22	Ens000l	10
## 23	Ens000m	25
## 24	Ens000n	7
## 25	Ens000o	46
## 26	Ens000p	157
## 27	Ens000q	0
## 28	Ens000r	204
## 29	Ens000s	980
## 30	Ens000t	34
## 31	Ens000u	39
## 32	Ens000v	28
## 33	Ens000w	4
## 34	Ens000x	456
## 35	Ens000y	0
## 36	Ens000z	0
## 37	Ens0010	21
## 38	Ens0011	6
## 39	Ens0012	1
## 40	Ens0013	12
## 41	Ens0014	20
## 42	Ens0015	1581
## 43	Ens0016	1
## 44	Ens0017	28
## 45	Ens0018	22
## 46	Ens0019	2
## 47	Ens001a	1
## 48	Ens001b	28
## 49	Ens001c	0
## 50	Ens001d	107
## 51	Ens001e	31
## 52	Ens001f	0
## 53	Ens001g	436
## 54	Ens001h	68
## 55	Ens001i	0
## 56	Ens001j	0
## 57	Ens001k	1
## 58	Ens001l	4
## 59	Ens001m	10
## 60	Ens001n	21
## 61	Ens001o	3
## 62	Ens001p	114
## 63	Ens001q	7
## 64	Ens001r	20
## 65	Ens001s	12
## 66	Ens001t	0
## 67	Ens001u	1
## 68	Ens001v	19

##	69	Ens001w	11
##	70	Ens001x	0
##	71	Ens001y	517
##	72	Ens001z	0
##	73	Ens0020	4
##	74	Ens0021	40
##	75	Ens0022	3
##	76	Ens0023	433
##	77	Ens0024	1
##	78	Ens0025	1
##	79	Ens0026	1240
##	80	Ens0027	3
##	81	Ens0028	0
##	82	Ens0029	147
##	83	Ens002a	14
##	84	Ens002b	22
##	85	Ens002c	31
##	86	Ens002d	1
##	87	Ens002e	101
##	88	Ens002f	31
##	89	Ens002g	35
##	90	Ens002h	212
##	91	Ens002i	21
##	92	Ens002j	2
##	93	Ens002k	0
##	94	Ens002l	7
##	95	Ens002m	5
##	96	Ens002n	20
##	97	Ens002o	24
##	98	Ens002p	7
##	99	Ens002q	0
##	100	Ens002r	0
##	101	Ens002s	8
##	102	Ens002t	292
##	103	Ens002u	3
##	104	Ens002v	1
##	105	Ens002w	233
##	106	Ens002x	86
##	107	Ens002y	48
##	108	Ens002z	366
##	109	Ens0030	409
##	110	Ens0031	7
##	111	Ens0032	19
##	112	Ens0033	196
##	113	Ens0034	11
##	114	Ens0035	71
##	115	Ens0036	5
##	116	Ens0037	4
##	117	Ens0038	381
##	118	Ens0039	8
##	119	Ens003a	111
##	120	Ens003b	0
##	121	Ens003c	2
##	122	Ens003d	0
##	123	Ens003e	1100
##	124	Ens003f	10
##	125	Ens003g	1
##	126	Ens003h	0
##	127	Ens003i	12
##	128	Ens003j	2
##	129	Ens003k	14
##	130	Ens003l	0
##	131	Ens003m	1
##	132	Ens003n	1
##	133	Ens003o	0
##	134	Ens003p	3
##	135	Ens003q	1
##	136	Ens003r	3
##	137	Ens003s	0
##	138	Ens003t	0

##	139	Ens003u	55
##	140	Ens003v	0
##	141	Ens003w	714
##	142	Ens003x	0
##	143	Ens003y	16
##	144	Ens003z	24
##	145	Ens0040	4
##	146	Ens0041	5
##	147	Ens0042	1
##	148	Ens0043	4
##	149	Ens0044	83
##	150	Ens0045	26
##	151	Ens0046	290
##	152	Ens0047	57
##	153	Ens0048	18
##	154	Ens0049	0
##	155	Ens004a	69
##	156	Ens004b	6
##	157	Ens004c	0
##	158	Ens004d	0
##	159	Ens004e	130
##	160	Ens004f	1
##	161	Ens004g	72
##	162	Ens004h	338
##	163	Ens004i	22
##	164	Ens004j	0
##	165	Ens004k	805
##	166	Ens004l	39
##	167	Ens004m	0
##	168	Ens004n	2
##	169	Ens004o	0
##	170	Ens004p	5
##	171	Ens004q	8
##	172	Ens004r	1
##	173	Ens004s	3
##	174	Ens004t	3
##	175	Ens004u	4
##	176	Ens004v	20
##	177	Ens004w	2
##	178	Ens004x	314
##	179	Ens004y	4
##	180	Ens004z	24
##	181	Ens0050	0
##	182	Ens0051	3
##	183	Ens0052	0
##	184	Ens0053	545
##	185	Ens0054	2
##	186	Ens0055	9
##	187	Ens0056	74
##	188	Ens0057	106
##	189	Ens0058	184
##	190	Ens0059	9
##	191	Ens005a	1100
##	192	Ens005b	81
##	193	Ens005c	1
##	194	Ens005d	1
##	195	Ens005e	127
##	196	Ens005f	64
##	197	Ens005g	8
##	198	Ens005h	1
##	199	Ens005i	0
##	200	Ens005j	11
##	201	Ens005k	9
##	202	Ens005l	0
##	203	Ens005m	2
##	204	Ens005n	0
##	205	Ens005o	476
##	206	Ens005p	23
##	207	Ens005q	0
##	208	Ens005r	2

##	209	Ens005s	1
##	210	Ens005t	2750
##	211	Ens005u	3
##	212	Ens005v	41
##	213	Ens005w	301
##	214	Ens005x	2
##	215	Ens005y	40
##	216	Ens005z	78
##	217	Ens0060	2
##	218	Ens0061	315
##	219	Ens0062	599
##	220	Ens0063	3
##	221	Ens0064	217
##	222	Ens0065	0
##	223	Ens0066	15
##	224	Ens0067	0
##	225	Ens0068	0
##	226	Ens0069	0
##	227	Ens006a	3
##	228	Ens006b	40
##	229	Ens006c	1080
##	230	Ens006d	320
##	231	Ens006e	58
##	232	Ens006f	451
##	233	Ens006g	686
##	234	Ens006h	19
##	235	Ens006i	22
##	236	Ens006j	0
##	237	Ens006k	9
##	238	Ens006l	41
##	239	Ens006m	390
##	240	Ens006n	9
##	241	Ens006o	3
##	242	Ens006p	1
##	243	Ens006q	17
##	244	Ens006r	35
##	245	Ens006s	63
##	246	Ens006t	5
##	247	Ens006u	0
##	248	Ens006v	2
##	249	Ens006w	2
##	250	Ens006x	1

```
#直接对9个地区建立模型预测，并输出各个预测效果
df_names <- c("totalout_1", "totalout_2", "totalout_3", "totalout_4", "totalout_5", "totalout_6", "totalout_7", "totalout_8", "totalout_9")
i=1
rmse<-0
mse<-0
r2<-0
for(df in df_names){
  #针对数据集的梳理
  train_df <- merge(train_data,get(df), by = "output")
  test_df <- merge(test_data, get(df), by = "output")
  test_used<-test_df[, (2:16)]
  #head(p)
  test_true<-test_df[, 18]
  train_used<-train_df[, c(2:16,18)]
  #循环建模
  model <- gausspr(deaths~.,data=train_used)
  preddata<-predict(model,newdata = test_used)

  #
  #1. RMSE
  rmse<-data.frame(rmse, RMSE(preddata, test_true))
  #2.
  mse<-data.frame(mse, mean((preddata - test_true)^2))

  #
  r2<-data.frame(r2, R2(preddata, test_true))

  #
}
```

```
## Using automatic sigma estimation (sigest) for RBF or laplace kernel
## Using automatic sigma estimation (sigest) for RBF or laplace kernel
## Using automatic sigma estimation (sigest) for RBF or laplace kernel
## Using automatic sigma estimation (sigest) for RBF or laplace kernel
## Using automatic sigma estimation (sigest) for RBF or laplace kernel
## Using automatic sigma estimation (sigest) for RBF or laplace kernel
## Using automatic sigma estimation (sigest) for RBF or laplace kernel
## Using automatic sigma estimation (sigest) for RBF or laplace kernel
## Using automatic sigma estimation (sigest) for RBF or laplace kernel
```

```
rmse<-t(rmse)
mse<-t(mse)
r2<-t(r2)
result<-data.frame(rmse,mse,r2)
colnames(result)[1]='rmse'
colnames(result)[2]='mse'
colnames(result)[3]='r2'
result<-result[-1,]
rownames(result)[1]='E12000001'
rownames(result)[2]='E12000002'
rownames(result)[3]='E12000003'
rownames(result)[4]='E12000004'
rownames(result)[5]='E12000005'
rownames(result)[6]='E12000006'
rownames(result)[7]='E12000007'
rownames(result)[8]='E12000008'
rownames(result)[9]='E12000009'
print(result)
```

```
##          rmse          mse          r2
## E12000001 232.2504  53940.23 0.3824226
## E12000002 304.3266  92614.69 0.3407381
## E12000003 377.8273 142753.48 0.3452018
## E12000004 284.7914  81106.13 0.3723804
## E12000005 402.4263 161946.95 0.3624288
## E12000006 312.6992  97780.81 0.3587392
## E12000007 615.1000 378348.03 0.3572427
## E12000008 291.7887  85140.63 0.3496697
## E12000009 284.5476  80967.33 0.3562923
```

```
rmse<-0
mse<-0
r2<-0
LADname<-unique(covid_outputs$LAD19CD)
for (name in LADname){
  temp_LAD <- subset(covid_outputs,
                     replicate==1 & week==12&LAD19CD==name)
  totals<- aggregate(deaths ~ output, data = temp_LAD, FUN = mean)

  deaths<-round(totals[,2])
  totaloutname<-data.frame(totals,deaths)
  colnames(totaloutname)[2]='deaths'

  train_df <- merge(train_data,totaloutname, by = "output")
  test_df <- merge(test_data,totaloutname, by = "output")
  test_used<-test_df[, (2:16)]
  #head(p)
  test_true<-test_df[,18]
  train_used<-train_df[, c(2:16,18)]
  model <- gausspr(deaths~.,data=train_used)
  preddata<-predict(model,newdata = test_used)

  #
  #1. RMSE
  rmse<-data.frame(rmse, RMSE(preddata, test_true))
  #2.
  mse<-data.frame(mse, mean((preddata - test_true)^2))
  #
  r2<-data.frame(r2, R2(preddata, test_true))
}
```



[illegible]

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[illegible]

```
rmse<-t(rmse)
mse<-t(mse)
r2<-t(r2)
result<-data.frame(rmse,mse,r2)
result<-result[-1,]
for(i in 1:length(LADname)){
  rownames(result)[i]=LADname[i]
}
print(result)
```

##		rmse	mse	r2
##	E06000001	96.65317	9.341834e+03	0.3671630
##	E06000002	144.27132	2.081421e+04	0.3714239
##	E06000003	138.91636	1.929775e+04	0.3650099
##	E06000004	195.85903	3.836076e+04	0.3669413
##	E06000005	112.50478	1.265733e+04	0.3767121
##	E06000006	200.58129	4.023285e+04	0.3465782
##	E06000007	353.41486	1.249021e+05	0.3242107
##	E06000008	236.12853	5.575668e+04	0.3336741
##	E06000009	185.05221	3.424432e+04	0.3504783
##	E06000010	314.88605	9.915323e+04	0.3483852
##	E06000011	434.46484	1.887597e+05	0.3383819
##	E06000012	216.55292	4.689517e+04	0.4185890
##	E06000013	254.37030	6.470425e+04	0.4069007
##	E06000014	288.09319	8.299769e+04	0.2620172
##	E06000015	666.94410	4.448144e+05	0.3468623
##	E06000016	786.36983	6.183775e+05	0.3594631
##	E06000017	85.79856	7.361392e+03	0.3408504
##	E06000018	967.33192	9.357310e+05	0.3973214
##	E06000019	288.65027	8.331898e+04	0.3742571
##	E06000020	339.73560	1.154203e+05	0.3571848
##	E06000021	466.67153	2.177823e+05	0.3676438
##	E06000022	316.44471	1.001373e+05	0.3418460
##	E06000023	746.07193	5.566233e+05	0.3402583
##	E06000024	369.27570	1.363645e+05	0.3495465
##	E06000025	465.22682	2.164360e+05	0.3417934
##	E06000026	316.06771	9.989880e+04	0.3661357
##	E06000027	150.28009	2.258410e+04	0.4149780
##	E06000030	463.63086	2.149536e+05	0.3403199
##	E06000031	374.25984	1.400704e+05	0.3622138
##	E06000032	547.69539	2.999702e+05	0.3637234
##	E06000033	476.53328	2.270840e+05	0.3661402
##	E06000034	421.57451	1.777251e+05	0.3615311
##	E06000035	578.60166	3.347799e+05	0.3479146
##	E06000036	313.18533	9.808505e+04	0.3475462
##	E06000037	417.65907	1.744391e+05	0.3290869
##	E06000038	444.21085	1.973233e+05	0.3456173
##	E06000039	374.89021	1.405427e+05	0.3704096
##	E06000040	394.35528	1.555161e+05	0.3709496
##	E06000041	448.62283	2.012624e+05	0.3656768
##	E06000042	786.92920	6.192576e+05	0.3987719
##	E06000043	526.77967	2.774968e+05	0.2983662
##	E06000044	378.85848	1.435337e+05	0.3218102
##	E06000045	440.14560	1.937281e+05	0.3348517
##	E06000046	218.19611	4.760954e+04	0.3486236
##	E06000047	544.89778	2.969136e+05	0.3901181
##	E06000049	675.77865	4.566768e+05	0.3396099
##	E06000050	551.73295	3.044093e+05	0.3247814
##	E06000051	564.47759	3.186350e+05	0.3477165
##	E06000052	686.47255	4.712446e+05	0.2875970
##	E06000053	3.23883	1.049002e+01	0.1633125
##	E06000054	989.13153	9.783812e+05	0.3584663
##	E06000055	429.79619	1.847248e+05	0.3483293
##	E06000056	689.88032	4.759349e+05	0.3682526
##	E06000057	354.73704	1.258384e+05	0.3822528
##	E06000058	671.20097	4.505107e+05	0.3286806
##	E06000059	606.32015	3.676241e+05	0.3381744
##	E07000004	567.52638	3.220862e+05	0.4081547
##	E07000005	282.31510	7.970182e+04	0.3793154
##	E07000006	190.24404	3.619279e+04	0.3453372
##	E07000007	510.59177	2.607040e+05	0.4047725
##	E07000008	267.98589	7.181643e+04	0.3489239
##	E07000009	173.43696	3.008038e+04	0.3598574
##	E07000010	177.95668	3.166858e+04	0.3563751
##	E07000011	379.55432	1.440615e+05	0.3345921
##	E07000012	327.21304	1.070684e+05	0.3378674
##	E07000026	106.30145	1.130000e+04	0.3555319
##	E07000027	74.89272	5.608920e+03	0.3292589
##	E07000028	141.89527	2.013427e+04	0.3757724

##	E07000029	80.64626	6.503820e+03	0.2626549
##	E07000030	70.80934	5.013963e+03	0.3488181
##	E07000031	132.52300	1.756235e+04	0.3893788
##	E07000032	332.63441	1.106457e+05	0.3687988
##	E07000033	202.27200	4.091396e+04	0.3489925
##	E07000034	246.23622	6.063227e+04	0.3541160
##	E07000035	174.84192	3.056970e+04	0.3443528
##	E07000036	329.29432	1.084347e+05	0.3742494
##	E07000037	173.92442	3.024970e+04	0.3396354
##	E07000038	226.09462	5.111878e+04	0.3679456
##	E07000039	229.82108	5.281773e+04	0.3709892
##	E07000040	173.61275	3.014139e+04	0.3123367
##	E07000041	145.15119	2.106887e+04	0.3402679
##	E07000042	102.09698	1.042379e+04	0.3503948
##	E07000043	116.56318	1.358698e+04	0.4206797
##	E07000044	105.56701	1.114439e+04	0.3854659
##	E07000045	150.56686	2.267038e+04	0.3760062
##	E07000046	79.62582	6.340272e+03	0.3705441
##	E07000047	71.05381	5.048644e+03	0.3054370
##	E07000061	171.87311	2.954037e+04	0.3261103
##	E07000062	165.63003	2.743331e+04	0.3201412
##	E07000063	189.82394	3.603313e+04	0.2933105
##	E07000064	169.08437	2.858952e+04	0.3480215
##	E07000065	292.06559	8.530231e+04	0.3173877
##	E07000066	485.88097	2.360803e+05	0.3770270
##	E07000067	429.90169	1.848155e+05	0.3963314
##	E07000068	204.57344	4.185029e+04	0.3761343
##	E07000069	251.42651	6.321529e+04	0.3597633
##	E07000070	534.63928	2.858392e+05	0.4104335
##	E07000071	492.78473	2.428368e+05	0.3658342
##	E07000072	317.82054	1.010099e+05	0.3623036
##	E07000073	212.79342	4.528104e+04	0.3846531
##	E07000074	194.61055	3.787327e+04	0.3720281
##	E07000075	227.68650	5.184114e+04	0.3681066
##	E07000076	385.40375	1.485360e+05	0.3583861
##	E07000077	217.43759	4.727911e+04	0.3481069
##	E07000078	236.94879	5.614473e+04	0.3578382
##	E07000079	208.89595	4.363752e+04	0.3890674
##	E07000080	144.30579	2.082416e+04	0.3442688
##	E07000081	236.55876	5.596005e+04	0.3426776
##	E07000082	229.44699	5.264592e+04	0.3376689
##	E07000083	162.76738	2.649322e+04	0.3482456
##	E07000084	402.79610	1.622447e+05	0.3456315
##	E07000085	245.95815	6.049541e+04	0.3304823
##	E07000086	245.47011	6.025558e+04	0.3213735
##	E07000087	219.06862	4.799106e+04	0.3198359
##	E07000088	154.21915	2.378355e+04	0.3134121
##	E07000089	224.24605	5.028629e+04	0.3546173
##	E07000090	224.31787	5.031851e+04	0.3169503
##	E07000091	324.19434	1.051020e+05	0.3218761
##	E07000092	230.38156	5.307566e+04	0.3382305
##	E07000093	235.03085	5.523950e+04	0.3400996
##	E07000094	236.57571	5.596806e+04	0.3186748
##	E07000095	232.93246	5.425753e+04	0.3549096
##	E07000096	404.02256	1.632342e+05	0.3717859
##	E07000098	259.48327	6.733157e+04	0.3873184
##	E07000099	313.54270	9.830903e+04	0.3409936
##	E07000102	235.22655	5.533153e+04	0.3653803
##	E07000103	238.74043	5.699699e+04	0.3720292
##	E07000105	280.06073	7.843401e+04	0.3590204
##	E07000106	300.47183	9.028332e+04	0.3569409
##	E07000107	230.67437	5.321066e+04	0.3578188
##	E07000108	213.46129	4.556572e+04	0.3376878
##	E07000109	240.68711	5.793028e+04	0.3347787
##	E07000110	339.76249	1.154385e+05	0.3489271
##	E07000111	262.31346	6.880835e+04	0.3520901
##	E07000112	234.95000	5.520150e+04	0.3177264
##	E07000113	297.26305	8.836532e+04	0.3215048
##	E07000114	254.72281	6.488371e+04	0.3471223
##	E07000115	271.53302	7.373018e+04	0.3458376



##	E07000116	248.75864	6.188086e+04	0.3461966
##	E07000117	131.72341	1.735106e+04	0.3523652
##	E07000118	176.57665	3.117931e+04	0.3334436
##	E07000119	109.44732	1.197872e+04	0.3195116
##	E07000120	122.10872	1.491054e+04	0.3511689
##	E07000121	193.25582	3.734781e+04	0.3584653
##	E07000122	134.46887	1.808188e+04	0.3429456
##	E07000123	210.78834	4.443173e+04	0.3336005
##	E07000124	84.73749	7.180443e+03	0.3364617
##	E07000125	123.74962	1.531397e+04	0.3377129
##	E07000126	167.01710	2.789471e+04	0.3187777
##	E07000127	165.46030	2.737711e+04	0.3151960
##	E07000128	146.61261	2.149526e+04	0.3348633
##	E07000129	228.67376	5.229169e+04	0.3631583
##	E07000130	417.20792	1.740624e+05	0.3528563
##	E07000131	205.05271	4.204661e+04	0.3550722
##	E07000132	240.46818	5.782495e+04	0.3798632
##	E07000133	136.71867	1.869199e+04	0.3542461
##	E07000134	233.59282	5.456561e+04	0.3564079
##	E07000135	132.60137	1.758312e+04	0.3581300
##	E07000136	119.58336	1.430018e+04	0.3963154
##	E07000137	230.54538	5.315117e+04	0.4202062
##	E07000138	199.02910	3.961258e+04	0.4021681
##	E07000139	223.28733	4.985723e+04	0.3993635
##	E07000140	165.49761	2.738946e+04	0.3856298
##	E07000141	302.97239	9.179227e+04	0.3667515
##	E07000142	173.33595	3.004535e+04	0.4003011
##	E07000143	241.46824	5.830691e+04	0.3605540
##	E07000144	223.77737	5.007631e+04	0.3380505
##	E07000145	166.61043	2.775904e+04	0.3307404
##	E07000146	254.12655	6.458030e+04	0.3684131
##	E07000147	173.95929	3.026183e+04	0.3376756
##	E07000148	241.58477	5.836320e+04	0.3419552
##	E07000149	228.72326	5.231433e+04	0.3602870
##	E07000150	140.53270	1.974944e+04	0.3316370
##	E07000151	200.51303	4.020547e+04	0.3444627
##	E07000152	216.96770	4.707498e+04	0.3333843
##	E07000153	227.37751	5.170053e+04	0.3361377
##	E07000154	565.90345	3.202467e+05	0.3369458
##	E07000155	236.76920	5.605965e+04	0.3820722
##	E07000156	195.56201	3.824450e+04	0.3432218
##	E07000163	75.91774	5.763504e+03	0.3266914
##	E07000164	111.91278	1.252447e+04	0.3421747
##	E07000165	221.30608	4.897638e+04	0.3193897
##	E07000166	74.00159	5.476235e+03	0.3458232
##	E07000167	69.46455	4.825324e+03	0.2945720
##	E07000168	122.10872	1.491054e+04	0.3878637
##	E07000169	123.15819	1.516794e+04	0.3241096
##	E07000170	366.50835	1.343284e+05	0.3758607
##	E07000171	271.49030	7.370698e+04	0.3695145
##	E07000172	337.51204	1.139144e+05	0.3893321
##	E07000173	369.63076	1.366269e+05	0.4181215
##	E07000174	309.73017	9.593278e+04	0.3674535
##	E07000175	333.77154	1.114034e+05	0.3779729
##	E07000176	346.91858	1.203525e+05	0.3852135
##	E07000177	393.51886	1.548571e+05	0.3623337
##	E07000178	413.08819	1.706419e+05	0.3589703
##	E07000179	377.33745	1.423836e+05	0.3614354
##	E07000180	321.18158	1.031576e+05	0.3375684
##	E07000181	281.00379	7.896313e+04	0.3318300
##	E07000187	182.21698	3.320303e+04	0.3677121
##	E07000188	169.37818	2.868897e+04	0.3837161
##	E07000189	243.23126	5.916145e+04	0.3504465
##	E07000192	218.19786	4.761031e+04	0.3658517
##	E07000193	261.30337	6.827945e+04	0.3522155
##	E07000194	221.83092	4.920896e+04	0.3786003
##	E07000195	230.48943	5.312538e+04	0.3784868
##	E07000196	261.92988	6.860726e+04	0.3830970
##	E07000197	263.76395	6.957142e+04	0.3770190
##	E07000198	182.66929	3.336807e+04	0.3616979

##	E07000199	180.81253	3.269317e+04	0.3481757
##	E07000200	217.01058	4.709359e+04	0.3659825
##	E07000202	300.20544	9.012331e+04	0.3541112
##	E07000203	215.63351	4.649781e+04	0.3430501
##	E07000207	317.74638	1.009628e+05	0.3458834
##	E07000208	176.23934	3.106031e+04	0.3609184
##	E07000209	328.80827	1.081149e+05	0.3355549
##	E07000210	197.01942	3.881665e+04	0.3606291
##	E07000211	326.20419	1.064092e+05	0.3493124
##	E07000212	202.00440	4.080578e+04	0.3506036
##	E07000213	246.28041	6.065404e+04	0.3350577
##	E07000214	218.46331	4.772622e+04	0.3453695
##	E07000215	191.78212	3.678038e+04	0.3261402
##	E07000216	285.92989	8.175590e+04	0.3386287
##	E07000217	239.79453	5.750141e+04	0.3314509
##	E07000218	144.93171	2.100520e+04	0.3463020
##	E07000219	311.44630	9.699880e+04	0.3650922
##	E07000220	229.55628	5.269609e+04	0.3504018
##	E07000221	270.48342	7.316128e+04	0.3473572
##	E07000222	303.13135	9.188862e+04	0.3486763
##	E07000223	115.35301	1.330632e+04	0.2970649
##	E07000224	265.98622	7.074867e+04	0.3137346
##	E07000225	220.15518	4.846830e+04	0.3149427
##	E07000226	226.47990	5.129315e+04	0.3256367
##	E07000227	280.87486	7.889069e+04	0.3020291
##	E07000228	302.30341	9.138735e+04	0.3179701
##	E07000229	194.65778	3.789165e+04	0.2838418
##	E07000234	199.55875	3.982369e+04	0.3548963
##	E07000235	140.49687	1.973937e+04	0.3684985
##	E07000236	172.47259	2.974680e+04	0.3604264
##	E07000237	190.87206	3.643214e+04	0.3459071
##	E07000238	239.81122	5.750942e+04	0.3499306
##	E07000239	203.30560	4.133317e+04	0.3673445
##	E07000240	365.70144	1.337375e+05	0.3671071
##	E07000241	279.81732	7.829773e+04	0.3606820
##	E07000242	354.10414	1.253897e+05	0.3469226
##	E07000243	207.64231	4.311533e+04	0.3477651
##	E07000244	484.42435	2.346670e+05	0.3341607
##	E07000245	379.21968	1.438076e+05	0.3325318
##	E07000246	210.38265	4.426086e+04	0.4028498
##	E08000001	517.30984	2.676095e+05	0.3274195
##	E08000002	367.03662	1.347159e+05	0.3514616
##	E08000003	1007.78896	1.015639e+06	0.3362479
##	E08000004	522.39898	2.729007e+05	0.3560094
##	E08000005	463.63503	2.149574e+05	0.3544922
##	E08000006	455.00595	2.070304e+05	0.3386121
##	E08000007	543.66822	2.955751e+05	0.3441027
##	E08000008	454.52829	2.065960e+05	0.3462870
##	E08000009	440.30035	1.938644e+05	0.3466771
##	E08000010	539.36545	2.909151e+05	0.3309814
##	E08000011	217.48493	4.729969e+04	0.3232898
##	E08000012	694.15655	4.818533e+05	0.3054325
##	E08000013	277.17359	7.682520e+04	0.3310561
##	E08000014	399.70196	1.597617e+05	0.2966813
##	E08000015	483.21869	2.335003e+05	0.2903000
##	E08000016	408.87796	1.671812e+05	0.3270226
##	E08000017	553.48735	3.063482e+05	0.3502133
##	E08000018	494.31609	2.443484e+05	0.3539422
##	E08000019	1117.25227	1.248253e+06	0.3425160
##	E08000021	317.46404	1.007834e+05	0.3752411
##	E08000022	229.31580	5.258574e+04	0.3692280
##	E08000023	164.09794	2.692813e+04	0.3809590
##	E08000024	290.49889	8.438960e+04	0.3924653
##	E08000025	2343.18852	5.490532e+06	0.3608793
##	E08000026	718.35614	5.160355e+05	0.3531741
##	E08000027	764.03144	5.837440e+05	0.3703180
##	E08000028	709.55484	5.034681e+05	0.3684221
##	E08000029	451.25893	2.036346e+05	0.3440235
##	E08000030	631.69163	3.990343e+05	0.3708961
##	E08000031	632.93659	4.006087e+05	0.3796389

##	E08000032	707.44816	5.004829e+05	0.3377579
##	E08000033	298.91064	8.934757e+04	0.3463847
##	E08000034	605.74029	3.669213e+05	0.3429216
##	E08000035	1051.10287	1.104817e+06	0.3372039
##	E08000036	479.97602	2.303770e+05	0.3217438
##	E08000037	214.27685	4.591457e+04	0.3771265
##	E09000001	30.73126	9.444102e+02	0.3458530
##	E09000002	480.11904	2.305143e+05	0.3785779
##	E09000003	902.91346	8.152527e+05	0.3602421
##	E09000004	560.50444	3.141652e+05	0.3640854
##	E09000005	790.95803	6.256146e+05	0.3624966
##	E09000006	731.05212	5.344372e+05	0.3590651
##	E09000007	549.51058	3.019619e+05	0.3405705
##	E09000008	876.62681	7.684746e+05	0.3360675
##	E09000009	879.72320	7.739129e+05	0.3569500
##	E09000010	793.46930	6.295935e+05	0.3560928
##	E09000011	617.90922	3.818118e+05	0.3517108
##	E09000012	606.34153	3.676501e+05	0.3547990
##	E09000013	458.06597	2.098244e+05	0.3573086
##	E09000014	633.88640	4.018120e+05	0.3501746
##	E09000015	609.37081	3.713328e+05	0.3678707
##	E09000016	617.29222	3.810497e+05	0.3631145
##	E09000017	729.94453	5.328190e+05	0.3589807
##	E09000018	662.33636	4.386895e+05	0.3555989
##	E09000019	500.02248	2.500225e+05	0.3602462
##	E09000020	381.22908	1.453356e+05	0.3628866
##	E09000021	384.33187	1.477110e+05	0.3584039
##	E09000022	742.24155	5.509225e+05	0.3452524
##	E09000023	665.68577	4.431375e+05	0.3478834
##	E09000024	491.36898	2.414435e+05	0.3648830
##	E09000025	775.20127	6.009370e+05	0.3565680
##	E09000026	699.97378	4.899633e+05	0.3645221
##	E09000027	459.13798	2.108077e+05	0.3624606
##	E09000028	698.91744	4.884856e+05	0.3543757
##	E09000029	449.48173	2.020338e+05	0.3494722
##	E09000030	626.30565	3.922588e+05	0.3570062
##	E09000031	656.13903	4.305184e+05	0.3521362
##	E09000032	749.17607	5.612648e+05	0.3466027
##	E09000033	525.72190	2.763835e+05	0.3539686
##	W06000001	78.91908	6.228222e+03	0.3883375
##	W06000002	167.87289	2.818131e+04	0.3313460
##	W06000003	146.76264	2.153927e+04	0.3443411
##	W06000004	126.52269	1.600799e+04	0.3357805
##	W06000005	233.32078	5.443858e+04	0.3086659
##	W06000006	207.47211	4.304467e+04	0.3171654
##	W06000008	112.31982	1.261574e+04	0.3363519
##	W06000009	156.57655	2.451622e+04	0.3200801
##	W06000010	252.76125	6.388825e+04	0.3031276
##	W06000011	308.68795	9.528825e+04	0.3572504
##	W06000012	186.69065	3.485340e+04	0.3267306
##	W06000013	185.53290	3.442246e+04	0.3189343
##	W06000014	181.22088	3.284101e+04	0.3013920
##	W06000015	500.59885	2.505992e+05	0.2917910
##	W06000016	331.45294	1.098611e+05	0.2960076
##	W06000018	248.57186	6.178797e+04	0.3010983
##	W06000019	95.40410	9.101942e+03	0.2678898
##	W06000020	124.27871	1.544520e+04	0.3223351
##	W06000021	129.67874	1.681657e+04	0.3470995
##	W06000022	200.58241	4.023330e+04	0.3209971
##	W06000023	197.42732	3.897754e+04	0.3317390
##	W06000024	79.65145	6.344354e+03	0.2658023

head(result)

##	rmse	mse	r2
## E06000001	96.65317	9341.834	0.3671630
## E06000002	144.27132	20814.213	0.3714239
## E06000003	138.91636	19297.755	0.3650099
## E06000004	195.85903	38360.758	0.3669413
## E06000005	112.50478	12657.326	0.3767121
## E06000006	200.58129	40232.855	0.3465782

```
print(result['E06000012',])
```

##	rmse	mse	r2
## E06000012	216.5529	46895.17	0.418589