

Anexo Cancer Colorectal Random Forest

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Random forest models- Cancer Colorectal

In this appendix we will analyse the results of running the Randomforest technique on the 4 different preprocessing on the data we have on the cancer colorectal disease. The procedure followed on the 4 preprocessed samples is the same as the one explained in the main report, so we will not repeat the explanation. In all the pre-processing of the data we have, we are going to divide into train set and test set to perform the validation of the model, in our case, the test partition corresponds to 20% of the total observations we have.

```
library(dbplyr)
library(knitr)
library(dplyr)
```

```
##
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:dbplyr':
##
##      ident, sql
```

```
## The following objects are masked from 'package:stats':
##
##      filter, lag
```

```
## The following objects are masked from 'package:base':
##
##      intersect, setdiff, setequal, union
```

```
library(caret)
```

```
## Loading required package: ggplot2
```

```
## Loading required package: lattice
```

```
library(clValid)
```

```
## Loading required package: cluster
```

```
library(stats)
library(vip)
```

```
##
## Attaching package: 'vip'
```

```
## The following object is masked from 'package:utils':
##
##      vi
```

```
library(randomForest)
```

```
## randomForest 4.7-1
```

```
## Type rfNews() to see new features/changes/bug fixes.
```

```
##
## Attaching package: 'randomForest'
```

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

```
## The following object is masked from 'package:dplyr':
##
##      combine
```

```
library(ROCR)
library(ropls)
```

```
## Loading required package: Biobase
```

```
## Loading required package: BiocGenerics
```

```
##
## Attaching package: 'BiocGenerics'
```

```
## The following object is masked from 'package:randomForest':
##
##      combine
```

```
## The following objects are masked from 'package:dplyr':
##
##      combine, intersect, setdiff, union
```

```
## The following objects are masked from 'package:stats':  
##  
##     IQR, mad, sd, var, xtabs
```

```
## The following objects are masked from 'package:base':  
##  
##     anyDuplicated, append, as.data.frame, basename, cbind, colnames,  
##     dirname, do.call, duplicated, eval, evalq, Filter, Find, get, grep,  
##     grepl, intersect, is.unsorted, lapply, Map, mapply, match, mget,  
##     order, paste, pmax, pmax.int, pmin, pmin.int, Position, rank,  
##     rbind, Reduce, rownames, sapply, setdiff, sort, table, tapply,  
##     union, unique, unsplit, which.max, which.min
```

```
## Welcome to Bioconductor  
##  
##     Vignettes contain introductory material; view with  
##     'browseVignettes()'. To cite Bioconductor, see  
##     'citation("Biobase")', and for packages 'citation("pkgname")'.
```

```
library(pROC)
```

```
## Type 'citation("pROC")' for a citation.
```

```
##  
## Attaching package: 'pROC'
```

```
## The following object is masked from 'package:BiocGenerics':  
##  
##     var
```

```
## The following objects are masked from 'package:stats':  
##  
##     cov, smooth, var
```

```
library(caret)
```

Data load

```
set.seed(100)  
load('DatosSinOutlier.RData')  
  
clr=as.data.frame(t(DatosFinal$CancerColorectal$S1_NORMAL$S1_CLR_CANCERCOL))  
a=Datos_sample$CancerColorectal$group
```

```
## Loading required package: phyloseq
```

```
##  
## Attaching package: 'phyloseq'
```

```
## The following object is masked from 'package:Biobase':  
##  
##      sampleNames
```

```
clr$disease=factor(a)  
colnames(clr)=sub(' ','',colnames(clr))  
  
tss=as.data.frame(t(DatosFinal$CancerColorectal$S1_NORMAL$S1_TSS_CANCERCOL))  
tss=log(as.data.frame(t(DatosFinal$CancerColorectal$S1_NORMAL$S1_TSS_CANCERCOL)) * 10  
e6 + 1)  
tss
```

##		OTU 7	OTU 9	OTU 11	OTU 19	OTU 21
##	SAMPLE 1	0.000000000	0.000000e+00	0.000000000	0.0042002413	0.0000000000
##	SAMPLE 2	0.152993805	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 3	0.000000000	0.000000e+00	0.000000000	0.0104572518	0.0191986631
##	SAMPLE 4	0.058847448	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 5	13.559120920	1.868406e-01	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 6	15.725463370	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 7	13.023596193	1.562663e-01	0.166056780	0.0000000000	0.0114158341
##	SAMPLE 8	0.378681013	0.000000e+00	0.000000000	0.0000000000	0.0018502617
##	SAMPLE 9	13.089590862	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 10	0.696456070	3.174659e-02	0.029970378	0.0000000000	0.0115310227
##	SAMPLE 11	0.005614638	0.000000e+00	0.003141477	0.0000000000	0.0000000000
##	SAMPLE 12	12.477546531	1.207645e+01	0.000000000	0.0150648529	0.0000000000
##	SAMPLE 13	12.480788921	0.000000e+00	0.542607400	0.0000000000	0.0154894099
##	SAMPLE 14	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 15	0.101378695	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 16	14.345248800	0.000000e+00	0.000000000	0.0045350639	0.0087003201
##	SAMPLE 17	0.003191514	2.671607e-03	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 18	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 19	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 20	0.000000000	2.768347e-03	0.000000000	0.0000000000	0.0356423696
##	SAMPLE 21	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 22	0.000000000	0.000000e+00	0.000000000	0.0050208042	0.0000000000
##	SAMPLE 23	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0045927013
##	SAMPLE 24	0.014195942	0.000000e+00	0.000000000	0.0129061274	0.0176135239
##	SAMPLE 25	10.893640883	0.000000e+00	0.000000000	0.0050118439	0.0000000000
##	SAMPLE 26	14.579138141	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 27	0.001883127	0.000000e+00	0.000000000	0.0000000000	0.0132871477
##	SAMPLE 28	0.132829637	0.000000e+00	0.000000000	0.0000000000	0.0098766640
##	SAMPLE 29	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0049869056
##	SAMPLE 30	0.001330873	0.000000e+00	0.000000000	0.0020652629	0.0255203716
##	SAMPLE 31	0.000000000	0.000000e+00	0.000000000	0.7870326485	0.0000000000
##	SAMPLE 32	0.451191391	3.599050e-01	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 33	13.640792800	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 34	0.000000000	0.000000e+00	0.000000000	0.0050959689	0.0000000000
##	SAMPLE 35	0.081218210	0.000000e+00	0.000000000	0.0000000000	0.0116069076
##	SAMPLE 36	13.673938561	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 37	13.004512578	2.366546e-01	0.382751671	0.0000000000	0.0000000000
##	SAMPLE 38	0.813495080	0.000000e+00	0.000000000	0.0000000000	0.0232387383
##	SAMPLE 39	14.640412266	0.000000e+00	0.018458180	0.0120423250	0.0020612775
##	SAMPLE 40	0.000000000	0.000000e+00	0.000000000	0.0211281633	0.0000000000
##	SAMPLE 41	0.000000000	0.000000e+00	0.000000000	0.0029240041	0.0023603880
##	SAMPLE 42	13.001100546	0.000000e+00	0.000000000	0.0262522788	0.0000000000
##	SAMPLE 43	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0222808361
##	SAMPLE 44	15.249384205	0.000000e+00	0.000000000	0.0000000000	0.0016587780
##	SAMPLE 45	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 46	14.326012080	0.000000e+00	0.000000000	0.0000000000	0.0049900045
##	SAMPLE 47	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 48	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0322679735
##	SAMPLE 49	0.266195556	7.661842e-02	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 50	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0023074137
##	SAMPLE 51	13.412278333	0.000000e+00	0.456665833	0.0000000000	0.0032808482
##	SAMPLE 52	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 53	0.000000000	0.000000e+00	0.000000000	0.0089584539	0.0000000000
##	SAMPLE 54	0.132319441	0.000000e+00	0.000000000	0.0156303542	0.0000000000

##	SAMPLE	55	0.665975070	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	56	0.000000000	1.405305e-02	0.015610000	0.000000000	0.000000000
##	SAMPLE	57	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	58	13.824562995	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	59	0.100282687	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	60	0.063336305	7.476436e-03	0.000000000	0.000000000	0.000000000
##	SAMPLE	61	12.986175829	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	62	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	63	0.000000000	0.000000e+00	0.000000000	0.000000000	0.0006417116
##	SAMPLE	64	0.000000000	0.000000e+00	0.000000000	0.000000000	0.0367682520
##	SAMPLE	65	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	66	12.588205959	0.000000e+00	0.000000000	0.000000000	0.0040749561
##	SAMPLE	67	12.124576257	0.000000e+00	0.259683322	0.000000000	0.000000000
##	SAMPLE	68	0.174679586	0.000000e+00	0.000000000	0.000000000	0.0044052757
##	SAMPLE	69	13.341289329	0.000000e+00	0.022404210	0.000000000	0.000000000
##	SAMPLE	70	14.186084162	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.012389736	1.452969e-02	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.112210204	0.000000e+00	0.000000000	0.000000000	0.0436470370
##	SAMPLE	73	11.480073494	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	74	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	75	0.805985510	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	76	13.739834350	0.000000e+00	0.000000000	0.0070981986	0.0121229564
##	SAMPLE	77	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	78	0.156100524	0.000000e+00	0.000000000	0.0136270355	0.0033003464
##	SAMPLE	79	13.027802690	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	80	12.938978255	4.094989e-01	0.000000000	0.0154365872	0.000000000
##	SAMPLE	81	0.003959915	2.599269e-03	0.000000000	0.000000000	0.0038963747
##	SAMPLE	82	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	83	12.352958437	0.000000e+00	0.258728424	0.0118281565	0.000000000
##	SAMPLE	84	11.924420363	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	85	0.000000000	0.000000e+00	0.000000000	0.000000000	0.0020562808
##	SAMPLE	86	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	87	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	12.326984167	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	89	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	90	0.021733538	8.854445e-04	0.000000000	0.000000000	0.0021451801
##	SAMPLE	91	13.044377420	0.000000e+00	0.000000000	0.0015474138	0.000000000
##	SAMPLE	92	10.243723448	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	93	0.001972210	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	94	0.010491645	9.626079e-03	0.000000000	0.0004680285	0.0003166315
##	SAMPLE	95	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	96	12.580771505	1.197686e+01	0.000000000	0.0022284421	0.000000000
##	SAMPLE	97	14.055005872	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.061414686	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	99	0.000000000	0.000000e+00	0.000000000	0.0007446404	0.0044855685
##	SAMPLE	100	14.603069891	0.000000e+00	0.000000000	0.000000000	0.0346908836
##	SAMPLE	101	13.404883833	0.000000e+00	0.000000000	0.000000000	0.0012975142
##	SAMPLE	102	11.916770537	0.000000e+00	0.018169079	0.000000000	0.000000000
##	SAMPLE	103	0.059933875	5.596808e-03	0.000000000	0.000000000	0.000000000
##	SAMPLE	104	0.000000000	6.152846e-03	0.001376814	0.000000000	0.000000000
##	SAMPLE	105	0.014162764	1.990755e-02	0.000000000	0.000000000	0.0041480229
##	SAMPLE	106	0.130641132	9.791082e-02	0.000000000	0.000000000	0.000000000
##	SAMPLE	107	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000
##	SAMPLE	108	14.367436968	0.000000e+00	0.000000000	0.000000000	0.0323626086
##	SAMPLE	109	0.183323832	2.394690e-02	0.000000000	0.000000000	0.000000000
##	SAMPLE	110	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000000

##	SAMPLE	111	12.702580227	0.000000e+00	0.010145763	0.0000000000	0.0000000000
##	SAMPLE	112	0.002045822	2.864289e-03	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	113	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	114	15.264134744	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	115	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	116	0.016241942	1.574724e-02	0.000000000	0.0176394289	0.0120148915
##	SAMPLE	117	13.573910849	0.000000e+00	0.000000000	0.0018550704	0.0030424106
##	SAMPLE	118	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	119	0.000000000	0.000000e+00	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	120	0.219156817	4.378825e-03	0.000000000	0.0000000000	0.1051903045
##	SAMPLE	121	0.001621086	5.187568e-02	0.000000000	0.0000000000	0.0064447556
##			OTU 23	OTU 26	OTU 30	OTU 32	OTU 36
##	SAMPLE	1	0.0000000000	0.0000000000	0.0212733390	0.000000e+00	0.000000e+00
##	SAMPLE	2	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	3	0.0000000000	0.0000000000	0.0000000000	8.519710e-04	1.231662e+01
##	SAMPLE	4	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	5	0.0000000000	0.0000000000	0.0489484026	0.000000e+00	0.000000e+00
##	SAMPLE	6	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	2.709053e-02
##	SAMPLE	7	0.0000000000	0.0000000000	0.0081309759	0.000000e+00	7.617222e-01
##	SAMPLE	8	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	9	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	10	0.0153047064	0.0000000000	0.0044336959	1.836379e-03	1.315759e+01
##	SAMPLE	11	0.0000000000	0.0000000000	0.0305663885	0.000000e+00	0.000000e+00
##	SAMPLE	12	0.0000000000	0.0000000000	0.0066576157	4.860463e-05	1.531704e-01
##	SAMPLE	13	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	2.035934e-02
##	SAMPLE	14	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	15	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	16	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.205628e+01
##	SAMPLE	17	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	2.249543e-02
##	SAMPLE	18	0.0000000000	0.0000000000	0.0518446232	0.000000e+00	0.000000e+00
##	SAMPLE	19	0.0000000000	0.0000000000	0.0034535791	0.000000e+00	0.000000e+00
##	SAMPLE	20	0.0000000000	0.0000000000	0.0455623781	0.000000e+00	1.265133e+01
##	SAMPLE	21	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.378376e+01
##	SAMPLE	22	0.0000000000	0.0000000000	0.0155347389	0.000000e+00	2.626857e-01
##	SAMPLE	23	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	24	0.0000000000	0.0000000000	0.0161206334	0.000000e+00	1.242222e+01
##	SAMPLE	25	0.0000000000	0.0000000000	0.0025581962	0.000000e+00	5.227861e-01
##	SAMPLE	26	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.603277e-01
##	SAMPLE	27	0.0000000000	0.0000000000	0.0015067848	0.000000e+00	2.792056e-04
##	SAMPLE	28	0.0000000000	0.0094427594	0.0088439613	0.000000e+00	4.672379e-03
##	SAMPLE	29	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	5.988820e-03
##	SAMPLE	30	0.0000000000	0.0000000000	0.0068130999	0.000000e+00	1.141442e-04
##	SAMPLE	31	0.0000000000	0.0000000000	0.0101614694	0.000000e+00	0.000000e+00
##	SAMPLE	32	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	4.301320e-02
##	SAMPLE	33	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	34	0.0000000000	0.0000000000	0.0044158451	0.000000e+00	0.000000e+00
##	SAMPLE	35	0.0000000000	0.0000000000	0.0044618884	0.000000e+00	1.281842e+01
##	SAMPLE	36	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	2.490901e-01
##	SAMPLE	37	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.923441e-01
##	SAMPLE	38	0.0000000000	0.0000000000	0.0771910808	0.000000e+00	0.000000e+00
##	SAMPLE	39	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	6.449662e-01
##	SAMPLE	40	0.0000000000	0.0000000000	0.0721367337	5.433939e-02	0.000000e+00
##	SAMPLE	41	0.0000000000	0.0000000000	0.0054435794	0.000000e+00	5.813511e-01
##	SAMPLE	42	0.0000000000	0.0000000000	0.1099950240	0.000000e+00	0.000000e+00
##	SAMPLE	43	0.0000000000	0.0000000000	0.0141337429	0.000000e+00	1.412809e+01
##	SAMPLE	44	0.0102016813	0.0000000000	0.0000000000	0.000000e+00	1.379907e+01

##	SAMPLE	45	0.0000000000	0.0000000000	0.0094861771	3.800769e-03	0.000000e+00
##	SAMPLE	46	0.0000000000	0.0000000000	0.0050045587	1.432431e-03	4.560463e-02
##	SAMPLE	47	0.0000000000	0.0000000000	0.0124549830	0.000000e+00	0.000000e+00
##	SAMPLE	48	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	49	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	9.993506e+00
##	SAMPLE	50	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.296563e+01
##	SAMPLE	51	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	52	0.0000000000	0.0000000000	0.0000000000	7.260638e-03	0.000000e+00
##	SAMPLE	53	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.220350e+01
##	SAMPLE	54	0.0000000000	0.0000000000	0.0142763182	0.000000e+00	2.261438e-02
##	SAMPLE	55	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	7.691351e-02
##	SAMPLE	56	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	57	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	3.299769e-01
##	SAMPLE	58	0.0000000000	0.0000000000	0.0000000000	2.350004e-03	1.309896e+01
##	SAMPLE	59	0.0000000000	0.0000000000	0.3087760034	0.000000e+00	0.000000e+00
##	SAMPLE	60	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	61	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	3.831757e-02
##	SAMPLE	62	0.0000000000	0.0000000000	0.0021881969	0.000000e+00	3.169495e-01
##	SAMPLE	63	0.0000000000	0.0000000000	0.0024932352	0.000000e+00	8.381033e-03
##	SAMPLE	64	0.0000000000	0.0000000000	0.0372872758	0.000000e+00	0.000000e+00
##	SAMPLE	65	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	66	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	67	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.748001e-02
##	SAMPLE	68	0.0000000000	0.0000000000	0.0019439270	2.372423e-03	6.575911e-02
##	SAMPLE	69	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	8.113834e-01
##	SAMPLE	70	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	71	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.401948e+01
##	SAMPLE	72	0.0000000000	0.0000000000	0.1352362439	0.000000e+00	2.908004e-02
##	SAMPLE	73	0.0003760806	0.0000000000	0.0037844351	0.000000e+00	6.206922e-02
##	SAMPLE	74	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	2.737277e-01
##	SAMPLE	75	0.1395349246	0.0250143106	0.0000000000	0.000000e+00	8.627123e-02
##	SAMPLE	76	0.0072879458	0.0000000000	0.0172421402	8.509770e-04	0.000000e+00
##	SAMPLE	77	0.0000000000	0.0000000000	0.0986974188	0.000000e+00	0.000000e+00
##	SAMPLE	78	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	79	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	80	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	81	0.0000000000	0.0000000000	0.0123498055	0.000000e+00	0.000000e+00
##	SAMPLE	82	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	83	0.0000000000	0.0000000000	0.0074366471	0.000000e+00	0.000000e+00
##	SAMPLE	84	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.213972e+01
##	SAMPLE	85	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.425262e-01
##	SAMPLE	86	0.0000000000	0.0000000000	0.0411226079	0.000000e+00	0.000000e+00
##	SAMPLE	87	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	7.186595e-03
##	SAMPLE	88	0.0000000000	0.0000000000	0.0076834125	0.000000e+00	6.109271e-03
##	SAMPLE	89	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.347588e-02
##	SAMPLE	90	0.0000000000	0.0000000000	0.0037777932	1.957660e-03	7.271773e-01
##	SAMPLE	91	0.0000000000	0.0000000000	0.0055741859	3.391622e-04	0.000000e+00
##	SAMPLE	92	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.001862e+00
##	SAMPLE	93	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	94	0.0000000000	0.0000000000	0.0004405035	6.606825e-04	5.008396e-01
##	SAMPLE	95	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	96	0.0000000000	0.0000000000	0.0216714913	0.000000e+00	7.081693e-01
##	SAMPLE	97	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	98	0.0000000000	0.0000000000	0.0024934417	0.000000e+00	0.000000e+00
##	SAMPLE	99	0.0000000000	0.0000000000	0.0000000000	9.405063e-04	0.000000e+00
##	SAMPLE	100	0.0735756713	0.0003547687	0.0064152899	0.000000e+00	1.467178e+01

##	SAMPLE	101	0.0000000000	0.0000000000	0.0007905045	0.000000e+00	0.000000e+00
##	SAMPLE	102	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.471645e-02
##	SAMPLE	103	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.168864e+01
##	SAMPLE	104	0.0000000000	0.0000000000	0.0072281557	0.000000e+00	2.217203e-01
##	SAMPLE	105	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.877265e-03
##	SAMPLE	106	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	7.963662e-01
##	SAMPLE	107	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	108	0.0000000000	0.0000000000	0.0000000000	4.844346e-03	2.069623e-01
##	SAMPLE	109	0.0000000000	0.0000000000	0.0310065420	1.122270e-03	0.000000e+00
##	SAMPLE	110	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.288880e+01
##	SAMPLE	111	0.0000000000	0.0000000000	0.0056366851	0.000000e+00	1.439734e+01
##	SAMPLE	112	0.0000000000	0.0000000000	0.0047540243	0.000000e+00	0.000000e+00
##	SAMPLE	113	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	114	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.811175e-01
##	SAMPLE	115	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	116	0.0000000000	0.0000000000	0.0022393149	7.706830e-03	3.094789e-02
##	SAMPLE	117	0.0731928721	0.0038608541	0.0009041821	2.320721e-04	9.577176e+00
##	SAMPLE	118	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	1.388242e+01
##	SAMPLE	119	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	120	0.0000000000	0.0000000000	0.0022605652	0.000000e+00	0.000000e+00
##	SAMPLE	121	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##			OTU 38	OTU 40	OTU 42	OTU 44	OTU 46
##	SAMPLE	1	0.0000000	0.000000e+00	0.000000e+00	1.425057e+01	0.0000000000
##	SAMPLE	2	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	3	0.5268067	1.265649e+01	0.000000e+00	4.006006e-02	0.010623376
##	SAMPLE	4	0.0000000	0.000000e+00	0.000000e+00	1.875881e-03	0.0000000000
##	SAMPLE	5	0.0000000	1.067447e-01	6.179259e-03	1.248790e+01	0.314134593
##	SAMPLE	6	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	7	0.0000000	1.243408e+01	7.599651e-01	7.019646e-01	0.011684375
##	SAMPLE	8	0.0000000	0.000000e+00	1.237290e+01	1.566981e-02	0.0000000000
##	SAMPLE	9	0.0000000	0.000000e+00	4.725685e-01	2.074441e-01	0.0000000000
##	SAMPLE	10	0.0000000	3.595395e-03	5.213742e-02	1.184574e+01	0.0000000000
##	SAMPLE	11	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	12	0.0000000	0.000000e+00	0.000000e+00	1.364263e+01	0.774015333
##	SAMPLE	13	0.0000000	0.000000e+00	0.000000e+00	1.274540e+01	0.009803258
##	SAMPLE	14	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	15	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	16	0.0000000	0.000000e+00	0.000000e+00	6.174206e-01	0.0000000000
##	SAMPLE	17	0.0000000	7.478635e-04	0.000000e+00	6.912268e-04	0.0000000000
##	SAMPLE	18	0.0000000	0.000000e+00	0.000000e+00	1.216351e-02	0.0000000000
##	SAMPLE	19	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	20	0.4300042	1.341219e+01	2.092391e-02	1.180559e+01	0.005951344
##	SAMPLE	21	0.0000000	1.285507e+01	0.000000e+00	1.180435e+01	0.0000000000
##	SAMPLE	22	0.0000000	4.139980e-01	4.499308e-03	3.355240e-01	0.0000000000
##	SAMPLE	23	0.0000000	0.000000e+00	0.000000e+00	1.414331e-03	0.0000000000
##	SAMPLE	24	0.0000000	1.231373e+01	4.810372e-03	1.223042e+01	0.368380351
##	SAMPLE	25	0.0000000	0.000000e+00	0.000000e+00	4.938589e-01	0.0000000000
##	SAMPLE	26	0.0000000	0.000000e+00	0.000000e+00	4.259047e-01	0.0000000000
##	SAMPLE	27	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	28	0.0000000	0.000000e+00	2.360509e-01	0.000000e+00	0.0000000000
##	SAMPLE	29	0.0000000	0.000000e+00	1.306533e+01	3.785872e-02	0.0000000000
##	SAMPLE	30	0.0000000	0.000000e+00	0.000000e+00	2.428322e-02	0.0000000000
##	SAMPLE	31	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	32	0.0000000	2.319249e-01	0.000000e+00	1.742192e-02	0.0000000000
##	SAMPLE	33	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	34	0.0000000	0.000000e+00	4.288234e-01	2.627004e-01	0.0000000000

##	SAMPLE	35	0.0000000	0.000000e+00	0.000000e+00	6.039601e-03	0.002715200
##	SAMPLE	36	0.0000000	0.000000e+00	0.000000e+00	1.257177e+01	0.000000000
##	SAMPLE	37	0.0000000	0.000000e+00	0.000000e+00	1.888241e-01	0.000000000
##	SAMPLE	38	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	39	0.0000000	0.000000e+00	0.000000e+00	5.252267e-01	0.000000000
##	SAMPLE	40	0.0000000	0.000000e+00	0.000000e+00	8.797887e-02	0.000000000
##	SAMPLE	41	0.0000000	1.210300e+01	0.000000e+00	4.715373e-01	0.000000000
##	SAMPLE	42	0.0000000	5.318566e-04	0.000000e+00	2.418935e-02	0.000000000
##	SAMPLE	43	0.0000000	0.000000e+00	0.000000e+00	9.079807e-02	12.498209290
##	SAMPLE	44	0.0000000	0.000000e+00	2.924347e-02	4.636354e-01	0.000000000
##	SAMPLE	45	0.0000000	1.214176e-02	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	46	0.0000000	0.000000e+00	0.000000e+00	1.659865e-01	0.000000000
##	SAMPLE	47	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	48	0.0000000	1.449041e+01	0.000000e+00	1.399010e+01	0.000000000
##	SAMPLE	49	0.0000000	1.286401e+01	0.000000e+00	4.754585e-01	0.406696464
##	SAMPLE	50	0.0000000	0.000000e+00	3.767942e-01	1.412032e+01	0.457457389
##	SAMPLE	51	0.0000000	0.000000e+00	2.464261e-01	1.079564e-01	0.000000000
##	SAMPLE	52	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	53	0.0000000	0.000000e+00	0.000000e+00	6.940220e-01	0.000000000
##	SAMPLE	54	0.0000000	0.000000e+00	0.000000e+00	2.120733e-01	0.000000000
##	SAMPLE	55	0.0000000	0.000000e+00	0.000000e+00	2.604023e-02	0.000000000
##	SAMPLE	56	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	57	0.0000000	1.166901e+01	4.327618e-01	1.232573e+01	0.130625992
##	SAMPLE	58	0.0000000	0.000000e+00	0.000000e+00	1.274347e+01	0.000000000
##	SAMPLE	59	0.0000000	0.000000e+00	0.000000e+00	2.982127e-01	0.000000000
##	SAMPLE	60	0.0000000	1.653232e-01	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	61	0.0000000	0.000000e+00	0.000000e+00	1.486154e-02	0.000000000
##	SAMPLE	62	0.0000000	0.000000e+00	0.000000e+00	7.814727e-02	0.000000000
##	SAMPLE	63	0.0000000	0.000000e+00	0.000000e+00	1.255633e+01	13.638805252
##	SAMPLE	64	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	65	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	66	0.0000000	0.000000e+00	0.000000e+00	2.394224e-04	0.000000000
##	SAMPLE	67	0.0000000	0.000000e+00	1.399850e-02	3.991720e-01	0.000000000
##	SAMPLE	68	0.0000000	4.829829e-04	1.200730e+01	7.907509e-01	0.000000000
##	SAMPLE	69	0.0000000	3.392160e-01	0.000000e+00	1.200729e+01	0.000000000
##	SAMPLE	70	0.0000000	1.186680e+01	0.000000e+00	1.287312e+01	0.000000000
##	SAMPLE	71	0.0000000	0.000000e+00	0.000000e+00	1.325519e+01	0.000000000
##	SAMPLE	72	0.0000000	1.996004e-02	0.000000e+00	2.300929e-02	0.000000000
##	SAMPLE	73	0.0000000	4.935665e-01	0.000000e+00	1.266664e-01	0.000000000
##	SAMPLE	74	0.0000000	0.000000e+00	0.000000e+00	1.829275e-01	0.000000000
##	SAMPLE	75	0.0000000	0.000000e+00	0.000000e+00	2.967429e-02	0.106544237
##	SAMPLE	76	0.0000000	0.000000e+00	0.000000e+00	1.248370e+01	0.793918070
##	SAMPLE	77	0.0000000	8.237851e-02	0.000000e+00	1.171831e+01	0.000000000
##	SAMPLE	78	0.0000000	0.000000e+00	0.000000e+00	1.322239e-02	0.000000000
##	SAMPLE	79	0.0000000	0.000000e+00	0.000000e+00	8.322014e-02	0.201813276
##	SAMPLE	80	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	81	0.0000000	0.000000e+00	0.000000e+00	9.497343e+00	0.000000000
##	SAMPLE	82	0.0000000	0.000000e+00	7.153469e-01	7.518031e-01	0.000000000
##	SAMPLE	83	0.0000000	0.000000e+00	0.000000e+00	2.421544e-01	0.000000000
##	SAMPLE	84	0.0000000	0.000000e+00	3.016445e-01	1.415936e+01	0.160614541
##	SAMPLE	85	0.0000000	1.342647e+01	0.000000e+00	1.619383e-02	0.000000000
##	SAMPLE	86	0.0000000	0.000000e+00	0.000000e+00	1.246675e+01	0.000000000
##	SAMPLE	87	0.0000000	1.494703e-04	1.518575e-03	1.881953e-01	0.000000000
##	SAMPLE	88	0.0000000	5.587042e-02	4.322118e-02	6.565127e-01	0.188305933
##	SAMPLE	89	0.0000000	0.000000e+00	0.000000e+00	4.940455e-01	0.000000000
##	SAMPLE	90	0.0000000	0.000000e+00	2.212143e-03	4.838036e-01	0.000000000

##	SAMPLE	91	0.0000000	0.000000e+00	0.000000e+00	1.333203e-02	0.014248475
##	SAMPLE	92	0.0000000	6.023551e-01	0.000000e+00	1.443930e-01	0.006213713
##	SAMPLE	93	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	94	0.0000000	0.000000e+00	8.213667e-03	5.444677e-02	0.000000000
##	SAMPLE	95	0.0000000	0.000000e+00	1.232741e+01	1.305010e+01	0.856678460
##	SAMPLE	96	0.0000000	8.264494e-01	9.144223e-04	4.071225e-01	0.119333425
##	SAMPLE	97	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	98	0.0000000	0.000000e+00	0.000000e+00	1.487754e-01	0.000000000
##	SAMPLE	99	0.0000000	6.026194e-01	1.777145e-02	1.265815e+01	0.000000000
##	SAMPLE	100	0.0000000	1.370781e+01	0.000000e+00	8.965596e-02	0.000000000
##	SAMPLE	101	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	102	0.0000000	0.000000e+00	0.000000e+00	1.239081e-02	0.000000000
##	SAMPLE	103	0.0000000	4.922370e-01	0.000000e+00	7.051334e-01	0.000000000
##	SAMPLE	104	0.2159483	0.000000e+00	0.000000e+00	2.396250e-01	0.075666465
##	SAMPLE	105	0.0000000	0.000000e+00	5.557460e-01	1.241726e+01	0.410108778
##	SAMPLE	106	0.0000000	1.215568e+01	0.000000e+00	2.804722e-01	0.000000000
##	SAMPLE	107	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	108	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	109	0.0000000	0.000000e+00	4.735509e-01	0.000000e+00	0.000000000
##	SAMPLE	110	0.0000000	0.000000e+00	0.000000e+00	5.139472e-01	0.000000000
##	SAMPLE	111	0.0000000	1.213261e+01	2.426703e-01	8.440234e-01	0.000000000
##	SAMPLE	112	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	113	0.0000000	0.000000e+00	0.000000e+00	1.351584e+01	0.000000000
##	SAMPLE	114	0.0000000	0.000000e+00	5.685663e-01	3.186705e-01	0.292153461
##	SAMPLE	115	0.0000000	7.115055e-01	0.000000e+00	2.720936e-01	13.252505706
##	SAMPLE	116	0.0000000	0.000000e+00	2.662147e-01	1.194892e+01	12.169984792
##	SAMPLE	117	0.0000000	0.000000e+00	1.195431e+01	1.190698e+01	0.000000000
##	SAMPLE	118	0.0000000	3.350937e-02	1.248721e+01	9.620556e+00	0.010131685
##	SAMPLE	119	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	120	0.0000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	121	0.0000000	0.000000e+00	0.000000e+00	1.285290e+01	0.000000000
##			OTU 49	OTU 54	OTU 57	OTU 59	OTU 62
##	SAMPLE	1	0.000000000	0.092557179	0.000000000	0.000000000	0.000000000
##	SAMPLE	2	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	3	0.000000000	0.000000000	0.0083207429	0.0016000741	0.822922504
##	SAMPLE	4	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	5	0.000000000	0.004608547	0.0031796749	0.0038747025	0.000000000
##	SAMPLE	6	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	7	0.001128900	0.103903696	0.0005003026	0.000000000	9.712723796
##	SAMPLE	8	0.000000000	0.008987863	0.0229989150	0.000000000	12.874471881
##	SAMPLE	9	0.000000000	0.000000000	0.000000000	0.000000000	0.024786737
##	SAMPLE	10	0.000000000	0.001014444	0.000000000	0.000000000	0.337474477
##	SAMPLE	11	0.000000000	0.161392898	0.0247905223	0.000000000	0.000000000
##	SAMPLE	12	0.000000000	0.023917378	0.000000000	0.000000000	0.719422060
##	SAMPLE	13	0.000000000	0.055426496	0.000000000	0.000000000	0.006242548
##	SAMPLE	14	0.000000000	0.000000000	0.000000000	0.000000000	0.111340380
##	SAMPLE	15	0.000000000	0.000000000	0.000000000	0.000000000	0.077066008
##	SAMPLE	16	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	17	0.000000000	0.000000000	0.000000000	0.0029541986	0.000000000
##	SAMPLE	18	0.000000000	0.000000000	0.0873661783	0.0207574141	0.387634937
##	SAMPLE	19	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	20	0.000000000	0.000000000	0.000000000	0.000000000	12.918791000
##	SAMPLE	21	0.003374123	0.101435984	0.000000000	0.000000000	0.489188581
##	SAMPLE	22	0.000000000	0.000000000	0.0072144303	0.000000000	12.199395590
##	SAMPLE	23	0.000000000	0.233395399	0.0083198742	0.0057000159	0.585680842
##	SAMPLE	24	0.000000000	0.000000000	0.1356100292	0.1031736315	12.226871303

##	SAMPLE	25	0.000000000	0.063118748	0.000000000	0.000000000	0.000000000
##	SAMPLE	26	0.000000000	0.004755260	0.0151082181	0.000000000	0.840244614
##	SAMPLE	27	0.000000000	0.000000000	0.0001256522	0.000000000	0.771669363
##	SAMPLE	28	0.000000000	0.000000000	0.000000000	0.000000000	0.637700824
##	SAMPLE	29	0.000000000	0.262179762	0.000000000	0.000000000	0.000000000
##	SAMPLE	30	0.000000000	0.000000000	0.0003297145	0.000000000	0.000000000
##	SAMPLE	31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	32	0.000000000	0.000000000	0.000000000	0.000000000	0.348799817
##	SAMPLE	33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	34	0.000000000	0.000000000	0.000000000	0.000000000	0.830319430
##	SAMPLE	35	0.000000000	0.025617744	0.0186895335	0.0072005354	12.267477410
##	SAMPLE	36	0.000000000	0.060323559	0.000000000	0.000000000	0.590218790
##	SAMPLE	37	0.000000000	0.000000000	0.000000000	0.000000000	0.614258564
##	SAMPLE	38	0.000000000	0.363193834	0.000000000	0.000000000	0.000000000
##	SAMPLE	39	0.000000000	0.005335849	0.000000000	0.000000000	0.417968129
##	SAMPLE	40	0.000000000	0.010637959	0.0224987300	0.0009131430	0.361742411
##	SAMPLE	41	0.000000000	0.045628569	0.0046896515	0.000000000	0.147037155
##	SAMPLE	42	0.000000000	0.000000000	0.0313490957	0.000000000	0.193614360
##	SAMPLE	43	0.000000000	0.394099977	0.000000000	0.000000000	0.000000000
##	SAMPLE	44	0.013687620	0.000000000	0.000000000	0.000000000	12.461296678
##	SAMPLE	45	0.000000000	0.109957606	0.000000000	0.000000000	0.174910018
##	SAMPLE	46	0.000000000	0.000000000	0.0281521236	0.0029211534	0.578439257
##	SAMPLE	47	0.000000000	0.000000000	0.000000000	0.000000000	0.032250768
##	SAMPLE	48	0.000000000	0.014688372	0.0086752131	0.0037904349	0.000000000
##	SAMPLE	49	0.000000000	0.006310912	0.000000000	0.000000000	0.000000000
##	SAMPLE	50	0.000000000	0.147628435	0.000000000	0.000000000	0.430109533
##	SAMPLE	51	0.000000000	0.003965382	0.0062892961	0.000000000	0.198311325
##	SAMPLE	52	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	53	0.000000000	0.100427510	0.0022879591	0.000000000	0.000000000
##	SAMPLE	54	0.000000000	0.092502000	0.0233720744	0.0005754527	0.638414904
##	SAMPLE	55	0.000000000	0.000000000	0.000000000	0.000000000	0.039235723
##	SAMPLE	56	0.000000000	0.000000000	0.000000000	0.000000000	0.485071409
##	SAMPLE	57	0.000000000	0.000000000	0.000000000	0.000000000	0.343417762
##	SAMPLE	58	0.000000000	0.019399378	0.000000000	0.0006870891	0.000000000
##	SAMPLE	59	0.000000000	0.466899834	0.000000000	0.000000000	0.548904433
##	SAMPLE	60	0.000000000	0.000000000	0.000000000	0.000000000	0.485301289
##	SAMPLE	61	0.000000000	0.000000000	0.000000000	0.000000000	0.309790034
##	SAMPLE	62	0.000000000	0.135290732	0.000000000	0.000000000	0.384791041
##	SAMPLE	63	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	64	0.000000000	0.055534022	0.000000000	0.000000000	0.000000000
##	SAMPLE	65	0.000000000	0.201767130	0.000000000	0.000000000	15.074168021
##	SAMPLE	66	0.000000000	0.123830568	0.000000000	0.000000000	0.809505314
##	SAMPLE	67	0.000000000	0.055549916	0.000000000	0.000000000	0.151310326
##	SAMPLE	68	0.000000000	0.089107306	0.000000000	0.000000000	0.000000000
##	SAMPLE	69	0.000000000	0.000000000	0.000000000	0.000000000	11.855520656
##	SAMPLE	70	0.000000000	0.262018562	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000000	0.099691980	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.000000000	0.010139481	0.0012315841	0.000000000	12.541695265
##	SAMPLE	73	0.000000000	0.000000000	0.000000000	0.000000000	12.345596735
##	SAMPLE	74	0.000000000	0.006819808	0.000000000	0.000000000	0.211767907
##	SAMPLE	75	0.198486224	0.000000000	0.1452992147	0.000000000	0.682063903
##	SAMPLE	76	0.000000000	0.285340860	0.0022387729	0.0035034582	12.098151925
##	SAMPLE	77	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	78	0.000000000	0.000000000	0.0039194980	0.000000000	11.786419565
##	SAMPLE	79	0.000000000	0.067790703	0.000000000	0.000000000	0.516973408
##	SAMPLE	80	0.000000000	0.092848526	0.000000000	0.000000000	0.000000000

##	SAMPLE	81	0.000000000	0.001835479	0.0037692818	0.0000000000	0.413227370
##	SAMPLE	82	0.000000000	0.013971698	0.0000000000	0.0000000000	0.787843289
##	SAMPLE	83	0.000000000	0.171376167	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	84	0.000000000	0.103050482	0.0000000000	0.0000000000	0.584987854
##	SAMPLE	85	0.000000000	0.000000000	0.0000000000	0.0000000000	12.058054202
##	SAMPLE	86	0.000000000	0.147666017	0.0000000000	0.0000000000	0.123078688
##	SAMPLE	87	0.000000000	0.007211330	0.0000000000	0.0000000000	0.026320539
##	SAMPLE	88	0.000000000	0.031474709	0.0035506576	0.0000000000	0.000000000
##	SAMPLE	89	0.000000000	0.000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	90	0.000000000	0.000000000	0.0000000000	0.0000000000	12.191280776
##	SAMPLE	91	0.000000000	0.001002408	0.0367343625	0.0000000000	0.425466163
##	SAMPLE	92	0.000000000	0.014889799	0.0000000000	0.0000000000	13.133882286
##	SAMPLE	93	0.000000000	0.000000000	0.0007354399	0.0000000000	0.004465586
##	SAMPLE	94	0.000000000	0.095525271	0.0000000000	0.0000000000	12.726328981
##	SAMPLE	95	0.000000000	0.000000000	0.0000000000	0.0000000000	0.371184794
##	SAMPLE	96	0.000000000	0.023648461	0.0000000000	0.0000000000	0.629971349
##	SAMPLE	97	0.000000000	0.000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	98	0.000000000	0.000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	99	0.000000000	0.000000000	0.0028709957	0.0000000000	0.000000000
##	SAMPLE	100	0.000000000	0.007083720	0.0012105888	0.0003425374	0.632264246
##	SAMPLE	101	0.000000000	0.066603794	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	102	0.000000000	0.000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	103	0.000000000	0.083906591	0.0000000000	0.0000000000	0.562208843
##	SAMPLE	104	0.000000000	0.011073038	0.0000000000	0.0000000000	0.673714379
##	SAMPLE	105	0.000000000	0.071304739	0.0000000000	0.0000000000	0.328872070
##	SAMPLE	106	0.000000000	0.002611472	0.0000000000	0.0000000000	12.407583513
##	SAMPLE	107	0.000000000	0.000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	108	0.000000000	0.012019165	0.0000000000	0.0000000000	0.396217526
##	SAMPLE	109	0.000000000	0.007947731	0.0000000000	0.0000000000	0.859649850
##	SAMPLE	110	0.000000000	0.000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	111	0.000000000	0.004930301	0.0000000000	0.0000000000	0.645613792
##	SAMPLE	112	0.000000000	0.009329498	0.0000000000	0.0000000000	0.177232587
##	SAMPLE	113	0.000000000	0.000000000	0.0017152753	0.0000000000	0.000000000
##	SAMPLE	114	0.000000000	0.000000000	0.0000000000	0.0000000000	0.199839190
##	SAMPLE	115	0.000000000	0.000000000	0.0000000000	0.0000000000	10.544640051
##	SAMPLE	116	0.000000000	0.000000000	0.0006353668	0.0000000000	12.689179891
##	SAMPLE	117	0.002472663	0.091531176	0.0044061113	0.0000000000	11.987356316
##	SAMPLE	118	0.000000000	0.000000000	0.0000000000	0.0000000000	12.133492438
##	SAMPLE	119	0.000000000	0.000000000	0.0000000000	0.0000000000	0.061126074
##	SAMPLE	120	0.000000000	0.008623505	0.0000000000	0.0000000000	0.027585857
##	SAMPLE	121	0.000000000	0.030255118	0.0503169633	0.0000000000	12.655609943
##			OTU 64	OTU 66	OTU 69	OTU 71	OTU 73
##	SAMPLE	1	0.0106331016	0.143921677	0.0004557526	2.678365e-03	0.0040489145
##	SAMPLE	2	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	3	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0599966233
##	SAMPLE	4	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	5	0.0343116347	0.194296570	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	6	0.0000000000	0.444973241	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	7	0.0000000000	0.107389963	0.0268453904	3.952853e-02	0.0199035040
##	SAMPLE	8	0.0000000000	0.000000000	0.0000000000	7.457189e-03	0.0476045093
##	SAMPLE	9	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	10	0.0000000000	0.000000000	0.0041872097	1.671770e-02	0.0004826078
##	SAMPLE	11	0.0000000000	0.000000000	0.0000000000	4.890989e-03	0.0148290692
##	SAMPLE	12	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	13	0.0000000000	12.481205759	0.0145354770	3.879832e-02	0.0258853041
##	SAMPLE	14	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000

##	SAMPLE	15	0.1283883213	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	16	0.0444915725	0.746546005	0.000000000	2.793002e-01	0.0099886362
##	SAMPLE	17	0.0000000000	0.000000000	0.0554727918	2.590329e-02	0.0177070551
##	SAMPLE	18	0.0000000000	0.000000000	0.0260008285	1.022007e-02	0.0000000000
##	SAMPLE	19	0.0000000000	0.000000000	0.0154601151	6.346859e-03	0.0000000000
##	SAMPLE	20	0.0000000000	0.000000000	0.0119809094	0.000000e+00	0.0000000000
##	SAMPLE	21	0.0000000000	0.000000000	0.0148517912	7.901660e-02	0.2372259941
##	SAMPLE	22	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	23	0.0000000000	0.000000000	0.0043054195	3.556104e-02	0.1577591470
##	SAMPLE	24	0.0000000000	0.000000000	0.000000000	9.484781e-04	0.0000000000
##	SAMPLE	25	0.0000000000	0.000000000	0.000000000	3.254008e-03	0.0000000000
##	SAMPLE	26	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	27	0.0000000000	0.000000000	0.0246170746	4.597260e-02	0.0088822988
##	SAMPLE	28	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	29	0.0000000000	0.664403147	0.0092880332	2.039255e-02	0.0528773843
##	SAMPLE	30	0.0003043557	0.000000000	0.2905504147	3.737620e-01	0.2098364790
##	SAMPLE	31	0.0000000000	12.439209303	0.000000000	1.133923e+01	0.2042760113
##	SAMPLE	32	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	33	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	34	0.0000000000	0.000000000	0.0490531993	2.208573e-02	0.0113733254
##	SAMPLE	35	0.0000000000	0.000000000	0.0687942842	1.651162e-01	0.0291102638
##	SAMPLE	36	0.0000000000	0.211070884	0.0032357357	0.000000e+00	0.0000000000
##	SAMPLE	37	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	38	0.0000000000	0.000000000	0.0116020598	2.779046e-01	0.0811669760
##	SAMPLE	39	0.0000000000	0.000000000	0.000000000	2.025073e-02	0.0000000000
##	SAMPLE	40	0.0000000000	0.000000000	0.000000000	9.983271e-04	0.0000000000
##	SAMPLE	41	0.0000000000	0.000000000	0.000000000	5.009182e-03	0.0622511381
##	SAMPLE	42	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	43	0.0107141467	0.459351184	0.0046186050	2.366000e-01	0.1035163764
##	SAMPLE	44	0.0000000000	0.000000000	0.000000000	9.273034e-04	0.0000000000
##	SAMPLE	45	0.0000000000	0.000000000	0.0036580309	5.140960e-02	0.0000000000
##	SAMPLE	46	0.0000000000	0.789597718	0.000000000	0.000000e+00	0.0026440104
##	SAMPLE	47	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	48	0.0092039116	11.763292848	0.0016117396	1.525847e-01	0.0051686665
##	SAMPLE	49	0.0000000000	0.045597857	0.000000000	2.720972e-03	0.0000000000
##	SAMPLE	50	0.0000000000	0.000000000	0.0916958129	1.613666e-01	0.0247496566
##	SAMPLE	51	0.0000000000	0.000000000	0.000000000	7.668760e-04	0.0000000000
##	SAMPLE	52	0.0000000000	0.000000000	0.3416771846	1.187337e+01	0.0000000000
##	SAMPLE	53	0.0000000000	0.534683397	0.0358843697	4.432978e-02	0.0136498856
##	SAMPLE	54	0.0000000000	0.000000000	0.0039393279	1.263377e-01	0.0564214244
##	SAMPLE	55	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	56	0.0000000000	0.000000000	0.0458400412	4.229886e-02	0.0000000000
##	SAMPLE	57	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	58	0.0087972844	0.000000000	0.0005682036	6.171287e-02	0.0061800090
##	SAMPLE	59	0.0000000000	0.103330310	0.000000000	3.583582e-01	0.0000000000
##	SAMPLE	60	0.0000000000	0.000000000	0.000000000	4.238678e-03	0.0000000000
##	SAMPLE	61	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	62	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0317796966
##	SAMPLE	63	0.0000000000	0.000000000	0.0991683289	4.365243e-02	0.0000000000
##	SAMPLE	64	0.0031347389	0.135463966	0.4226957724	7.922896e-02	0.0000000000
##	SAMPLE	65	0.0000000000	0.000000000	0.0620974425	4.099031e-02	0.0459426683
##	SAMPLE	66	0.0000000000	0.000000000	0.0002646214	9.669767e-03	0.0299570525
##	SAMPLE	67	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	68	0.0000000000	0.058773553	0.0381652854	1.054165e-01	0.0000000000
##	SAMPLE	69	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	70	0.0000000000	0.000000000	0.1677023203	6.868021e-02	0.0000000000

##	SAMPLE	71	0.1851067717	0.000000000	0.0104481701	4.111149e-02	0.0146950530
##	SAMPLE	72	0.0000000000	0.000000000	0.0000000000	1.730669e-04	0.0000000000
##	SAMPLE	73	0.0000000000	0.050306074	0.0000000000	6.680651e-03	0.0000000000
##	SAMPLE	74	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	75	0.0000000000	0.000000000	0.0000000000	8.251311e-03	0.0127202239
##	SAMPLE	76	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0177031201
##	SAMPLE	77	0.0424834690	0.019347941	0.0000000000	7.875332e-03	0.0000000000
##	SAMPLE	78	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	79	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	80	0.0000000000	0.275275819	0.0000000000	1.789910e-01	0.0871496590
##	SAMPLE	81	0.0000000000	0.002968225	0.0000000000	4.974417e-04	0.0000000000
##	SAMPLE	82	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	83	0.0000000000	0.000000000	0.0216711964	7.633765e-02	0.0233386368
##	SAMPLE	84	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0047667713
##	SAMPLE	85	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	86	0.0000000000	0.119982996	0.0000000000	8.863070e-03	0.0352754871
##	SAMPLE	87	0.0000000000	0.000000000	0.0001245601	7.316446e-03	0.0000000000
##	SAMPLE	88	0.0000000000	0.798244650	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	89	0.0000000000	0.080482213	0.0000000000	8.644576e-02	0.0000000000
##	SAMPLE	90	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	91	0.0000000000	0.000000000	0.0000000000	1.952293e-03	0.0000000000
##	SAMPLE	92	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	93	0.0002022999	0.000000000	0.0000000000	3.488532e-03	0.0069405831
##	SAMPLE	94	0.0000000000	0.000000000	0.0007019607	6.194027e-04	0.0000000000
##	SAMPLE	95	0.0021640504	0.012544906	0.0872476158	1.312432e-01	0.0185663248
##	SAMPLE	96	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	97	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	98	0.0036560914	0.379935637	0.0010426169	5.416306e-02	0.0059948197
##	SAMPLE	99	0.0109696226	0.000000000	0.0360775138	4.328710e-02	0.0000000000
##	SAMPLE	100	0.0000000000	12.529905967	0.2272538339	1.464126e-01	0.0022732310
##	SAMPLE	101	0.0000000000	0.000000000	0.0000000000	3.640566e-03	0.0079824547
##	SAMPLE	102	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	103	0.0000000000	0.000000000	0.0000000000	2.316595e-02	0.0000000000
##	SAMPLE	104	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	105	0.0000000000	0.000000000	0.0000000000	3.963716e-03	0.0028713561
##	SAMPLE	106	0.0000000000	0.000000000	0.0000000000	3.462099e-03	0.0177166497
##	SAMPLE	107	0.0000000000	0.000000000	0.0039774458	2.443046e-04	0.0000000000
##	SAMPLE	108	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	109	0.0000000000	0.000000000	0.0000000000	9.844813e-03	0.0000000000
##	SAMPLE	110	0.0000000000	0.000000000	0.0017916458	5.945289e-03	0.0000000000
##	SAMPLE	111	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	112	0.0000000000	0.000000000	0.0000000000	1.640824e-04	0.0000000000
##	SAMPLE	113	0.0000000000	0.000000000	0.0000000000	2.572673e-01	0.0000000000
##	SAMPLE	114	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	115	0.0000000000	0.000000000	0.0023242456	2.863597e-02	0.0000000000
##	SAMPLE	116	0.0000000000	0.000000000	0.0000000000	6.394671e-02	0.0142958448
##	SAMPLE	117	0.0000000000	0.013559831	0.0000000000	2.201723e-04	0.0000000000
##	SAMPLE	118	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	119	0.0000000000	0.000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	120	0.0000000000	0.000000000	0.0079472930	1.160346e-02	0.0000000000
##	SAMPLE	121	0.0000000000	0.000000000	0.0028441663	3.981966e-03	0.0000000000
##			OTU 76	OTU 78	OTU 85	OTU 87	OTU 89
##	SAMPLE	1	0.0009872015	0.0000000000	0.000000000	5.906515e-01	1.904679e-01
##	SAMPLE	2	0.0000000000	0.0000000000	0.000000000	1.195201e+01	1.447153e-01
##	SAMPLE	3	0.0000000000	0.0000000000	0.000000000	6.894182e-01	1.187319e-01
##	SAMPLE	4	0.0000000000	0.0000000000	0.000000000	1.380469e+01	4.749657e-01

##	SAMPLE	5	0.0004276106	0.0557548055	0.00000000	4.068877e-01	0.000000e+00
##	SAMPLE	6	0.0000000000	0.0000000000	0.00000000	1.283360e+01	5.161660e-01
##	SAMPLE	7	0.0006646332	0.0000000000	0.00000000	0.000000e+00	1.214160e+01
##	SAMPLE	8	0.0000000000	0.0000000000	0.00000000	3.030584e-03	1.283317e+01
##	SAMPLE	9	0.0000000000	0.0000000000	0.00000000	1.204663e+01	5.855633e-02
##	SAMPLE	10	0.0011999019	0.0000000000	0.00000000	1.221737e+01	2.041518e-01
##	SAMPLE	11	0.0000000000	0.0000000000	0.00000000	3.736475e-01	1.397199e-01
##	SAMPLE	12	0.0274027822	0.0449685688	0.00000000	1.302999e+01	1.342990e+01
##	SAMPLE	13	0.0000000000	0.0000000000	0.00000000	6.641021e-01	1.183292e+01
##	SAMPLE	14	0.0000000000	0.0000000000	0.00000000	1.187725e+01	1.164700e-01
##	SAMPLE	15	0.0000000000	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	16	0.0318399740	0.0000000000	0.00000000	1.210487e+01	0.000000e+00
##	SAMPLE	17	0.0000000000	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	18	0.0000000000	0.0000000000	0.00000000	0.000000e+00	1.332202e+01
##	SAMPLE	19	0.0000000000	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	20	0.0006254108	0.0000000000	0.00000000	6.824464e-01	0.000000e+00
##	SAMPLE	21	0.0000000000	0.1233318488	0.00000000	1.391724e+01	2.782516e-01
##	SAMPLE	22	0.0086558141	0.0000000000	0.00000000	3.111857e-01	1.018724e-01
##	SAMPLE	23	0.0000000000	0.0000000000	0.00000000	1.261602e+01	1.351153e+01
##	SAMPLE	24	0.0002951785	0.0621211999	0.00000000	5.927391e-01	0.000000e+00
##	SAMPLE	25	0.0000000000	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	26	0.0091053628	0.0000000000	0.06937482	1.620253e-02	2.682547e-01
##	SAMPLE	27	0.0000000000	0.0008792337	0.00000000	6.818029e-01	1.296127e+01
##	SAMPLE	28	0.0041910782	0.0000000000	0.00000000	5.990952e-01	1.423714e+01
##	SAMPLE	29	0.0019311364	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	30	0.0000000000	0.0000000000	0.00000000	1.313852e+01	0.000000e+00
##	SAMPLE	31	0.0000000000	0.0000000000	0.00000000	2.313123e-03	1.233880e+01
##	SAMPLE	32	0.0025901117	0.0000000000	0.00000000	5.738289e-01	2.625546e-01
##	SAMPLE	33	0.0000000000	0.0000000000	0.00000000	4.382152e-01	1.232687e+01
##	SAMPLE	34	0.0000000000	0.0000000000	0.00000000	1.312546e+01	6.150766e-01
##	SAMPLE	35	0.0002861579	0.0000000000	0.00000000	5.023961e-01	0.000000e+00
##	SAMPLE	36	0.0000000000	0.0000000000	0.00000000	8.120629e-01	9.342277e-01
##	SAMPLE	37	0.0000000000	0.0000000000	0.00000000	6.010794e-01	4.346471e-02
##	SAMPLE	38	0.0000000000	0.0000000000	0.00000000	1.196850e+01	1.206244e+01
##	SAMPLE	39	0.0475688743	0.0000000000	0.00000000	7.847614e+00	5.016959e-01
##	SAMPLE	40	0.0009313974	0.0090337687	0.00000000	5.588268e-01	1.826953e-04
##	SAMPLE	41	0.0066690960	0.0000000000	0.00000000	1.212323e+01	6.194245e-01
##	SAMPLE	42	0.0000000000	0.0000000000	14.48991818	4.569795e-01	0.000000e+00
##	SAMPLE	43	0.0000000000	0.0000000000	0.00000000	3.548802e-01	1.876319e-02
##	SAMPLE	44	0.0131757434	0.0000000000	0.00000000	6.839530e-02	7.799351e-02
##	SAMPLE	45	0.0000000000	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	46	0.0047571083	0.0496352859	12.30992401	4.701070e-01	8.958138e-01
##	SAMPLE	47	0.0000000000	0.0000000000	0.00000000	1.381044e-01	3.347967e-01
##	SAMPLE	48	0.0322310794	0.0000000000	0.00000000	0.000000e+00	1.182064e+01
##	SAMPLE	49	0.0000000000	0.0000000000	0.00000000	1.344605e+01	1.190974e+01
##	SAMPLE	50	0.0000000000	0.0000000000	0.00000000	7.708866e-01	4.534067e-02
##	SAMPLE	51	0.0000000000	0.0000000000	0.00000000	1.837062e-01	8.274664e-02
##	SAMPLE	52	0.0000000000	0.0000000000	0.00000000	0.000000e+00	2.307909e-01
##	SAMPLE	53	0.0000000000	0.0000000000	0.80344663	4.632353e-01	4.936229e-01
##	SAMPLE	54	0.0000000000	0.0000000000	0.00000000	1.345816e+01	4.641311e-01
##	SAMPLE	55	0.0000000000	0.0000000000	0.00000000	1.738496e-01	2.497147e-01
##	SAMPLE	56	0.0029759067	0.0000000000	0.00000000	0.000000e+00	1.355857e+01
##	SAMPLE	57	0.0000000000	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	58	0.0007333185	0.0000000000	0.00000000	7.233414e-01	6.861131e-01
##	SAMPLE	59	0.0000000000	0.0000000000	0.00000000	5.111304e-01	4.886672e-01
##	SAMPLE	60	0.0000000000	0.0000000000	0.00000000	8.294549e-03	6.993150e-01

##	SAMPLE	61	0.0000000000	0.0000000000	0.00000000	1.031962e+01	3.144253e-03
##	SAMPLE	62	0.0000000000	0.0000000000	0.00000000	0.000000e+00	6.388336e-01
##	SAMPLE	63	0.0000000000	0.0000000000	0.00000000	1.184545e+01	0.000000e+00
##	SAMPLE	64	0.0000000000	0.0000000000	0.00000000	0.000000e+00	5.894175e-01
##	SAMPLE	65	0.0041188237	0.0000000000	0.00000000	1.372919e-02	0.000000e+00
##	SAMPLE	66	0.0000000000	0.0000000000	0.00000000	1.260551e+01	1.301334e+01
##	SAMPLE	67	0.0000000000	0.0000000000	0.00000000	4.711992e-01	1.441567e+01
##	SAMPLE	68	0.0000000000	0.0000000000	0.05546554	5.967227e-03	0.000000e+00
##	SAMPLE	69	0.0000000000	0.0000000000	0.00000000	1.315224e+01	5.523064e-01
##	SAMPLE	70	0.0000000000	0.0000000000	0.00000000	1.198724e+01	2.818688e-01
##	SAMPLE	71	0.0000000000	0.0000000000	0.00000000	1.175995e+01	8.570061e-02
##	SAMPLE	72	0.0000000000	0.0000000000	0.00000000	5.124379e-01	0.000000e+00
##	SAMPLE	73	0.0000000000	0.0000000000	0.00000000	7.847839e-01	6.496839e-01
##	SAMPLE	74	0.0000000000	0.0000000000	0.00000000	7.991200e-01	5.650367e-01
##	SAMPLE	75	0.0000000000	0.0000000000	0.00000000	1.232269e+01	2.184804e-02
##	SAMPLE	76	0.0041957587	0.0000000000	0.00000000	7.653447e-02	0.000000e+00
##	SAMPLE	77	0.0000000000	0.0000000000	0.00000000	0.000000e+00	1.726218e-02
##	SAMPLE	78	0.0041856153	0.0000000000	0.00000000	1.007021e-01	0.000000e+00
##	SAMPLE	79	0.0000000000	0.0000000000	0.00000000	7.936228e-01	1.243119e+01
##	SAMPLE	80	0.0000000000	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	81	0.0000000000	0.0486311972	0.00000000	1.417431e-01	8.799209e-04
##	SAMPLE	82	0.0000000000	0.0000000000	0.00000000	1.178256e+01	7.363880e-01
##	SAMPLE	83	0.0000000000	0.0000000000	0.00000000	1.222271e+01	1.253316e+01
##	SAMPLE	84	0.0000000000	0.0000000000	0.00000000	1.876210e-01	0.000000e+00
##	SAMPLE	85	0.0000000000	0.0000000000	0.00000000	1.320860e+01	0.000000e+00
##	SAMPLE	86	0.0000000000	0.1483359781	0.00000000	0.000000e+00	3.167395e-01
##	SAMPLE	87	0.0000000000	0.0000000000	0.00000000	0.000000e+00	1.377375e+01
##	SAMPLE	88	0.0060596513	0.0000000000	0.00000000	0.000000e+00	9.796795e-02
##	SAMPLE	89	0.0000000000	0.0000000000	0.00000000	4.497644e-03	0.000000e+00
##	SAMPLE	90	0.0000000000	0.0000000000	0.00000000	1.189950e+01	0.000000e+00
##	SAMPLE	91	0.0007297934	0.0000000000	0.00000000	1.383322e-01	7.837791e-01
##	SAMPLE	92	0.0000000000	0.0000000000	0.00000000	1.935324e-01	5.735150e-02
##	SAMPLE	93	0.0028773886	0.0000000000	0.00000000	3.432726e-04	0.000000e+00
##	SAMPLE	94	0.0013071782	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	95	0.0000000000	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	96	0.0071327276	0.0000000000	0.00000000	1.206866e+01	8.072496e-03
##	SAMPLE	97	0.0000000000	0.0000000000	0.00000000	0.000000e+00	9.359388e-02
##	SAMPLE	98	0.0000000000	0.0000000000	0.00000000	1.192066e+01	1.268602e+01
##	SAMPLE	99	0.0000000000	0.0000000000	0.00000000	0.000000e+00	1.248755e+01
##	SAMPLE	100	0.1419636773	0.0000000000	0.00000000	1.203651e+01	9.172473e-04
##	SAMPLE	101	0.0000000000	0.3029954651	0.00000000	7.436571e-01	1.374943e+01
##	SAMPLE	102	0.0000000000	0.0000000000	0.00000000	6.576273e-01	2.854003e-01
##	SAMPLE	103	0.0000000000	0.0000000000	0.00000000	3.004503e-01	0.000000e+00
##	SAMPLE	104	0.0052721872	0.0000000000	0.00000000	3.813046e-01	9.351951e-02
##	SAMPLE	105	0.0000000000	0.0000000000	0.00000000	1.280102e+01	0.000000e+00
##	SAMPLE	106	0.0000000000	0.0000000000	0.00000000	1.197252e+01	2.641082e-02
##	SAMPLE	107	0.0000000000	0.0000000000	0.00000000	2.910918e-01	1.355915e+01
##	SAMPLE	108	0.0035709424	0.0000000000	0.00000000	1.262612e+01	0.000000e+00
##	SAMPLE	109	0.0679472766	0.0589495154	0.00000000	1.324199e-01	0.000000e+00
##	SAMPLE	110	0.0000000000	0.2052909446	0.00000000	1.243895e-01	9.084073e-02
##	SAMPLE	111	0.0440515034	0.0000000000	0.00000000	6.774295e-01	0.000000e+00
##	SAMPLE	112	0.0000000000	0.0000000000	0.00000000	1.377043e+01	1.401471e-01
##	SAMPLE	113	0.0000000000	0.0000000000	0.00000000	1.287080e+01	0.000000e+00
##	SAMPLE	114	0.0000000000	0.0000000000	0.00000000	5.119570e-01	0.000000e+00
##	SAMPLE	115	0.0000000000	0.0000000000	0.00000000	5.988755e-01	1.891572e-02
##	SAMPLE	116	0.0000000000	0.0000000000	0.00000000	5.545243e-04	0.000000e+00

##	SAMPLE	117	0.0000000000	0.1511196753	0.00000000	3.503243e-01	0.000000e+00
##	SAMPLE	118	0.0000000000	0.0000000000	0.00000000	0.000000e+00	0.000000e+00
##	SAMPLE	119	0.0000000000	0.0000000000	0.00000000	6.342118e-02	0.000000e+00
##	SAMPLE	120	0.0000000000	0.0000000000	0.00000000	0.000000e+00	1.236636e+01
##	SAMPLE	121	0.0042811715	0.0000000000	0.00000000	0.000000e+00	1.897009e-03
##			OTU 91	OTU 93	OTU 95	OTU 97	OTU 99
##	SAMPLE	1	0.000000e+00	0.000000e+00	0.0000000000	2.433179e-01	0.000000e+00
##	SAMPLE	2	0.000000e+00	0.000000e+00	0.0000000000	2.131969e-01	0.000000e+00
##	SAMPLE	3	0.000000e+00	0.000000e+00	0.0000000000	2.266438e-01	0.000000e+00
##	SAMPLE	4	9.922635e+00	0.000000e+00	0.0000000000	1.282618e+01	0.000000e+00
##	SAMPLE	5	1.060584e-01	2.019284e-02	0.0000000000	1.840714e-03	1.196307e+01
##	SAMPLE	6	0.000000e+00	0.000000e+00	0.0000000000	1.282858e+01	0.000000e+00
##	SAMPLE	7	0.000000e+00	3.015116e-01	0.0000000000	1.206674e+01	0.000000e+00
##	SAMPLE	8	1.233970e+01	0.000000e+00	0.0000000000	1.092582e-03	1.400144e+01
##	SAMPLE	9	0.000000e+00	0.000000e+00	0.0000000000	6.051221e-01	1.025883e+01
##	SAMPLE	10	0.000000e+00	3.571962e-02	0.0000000000	2.858750e-01	1.328718e+01
##	SAMPLE	11	0.000000e+00	0.000000e+00	0.0000000000	1.262242e+01	0.000000e+00
##	SAMPLE	12	8.931073e-02	0.000000e+00	0.0000000000	7.899542e-02	0.000000e+00
##	SAMPLE	13	1.701314e-01	1.734379e-02	0.0000000000	1.960623e-03	0.000000e+00
##	SAMPLE	14	8.892495e-04	0.000000e+00	0.0000000000	1.235575e+01	4.621582e-01
##	SAMPLE	15	0.000000e+00	0.000000e+00	0.0000000000	6.087132e-02	0.000000e+00
##	SAMPLE	16	0.000000e+00	0.000000e+00	0.0000000000	7.181106e-03	1.812238e-01
##	SAMPLE	17	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	18	0.000000e+00	0.000000e+00	0.0000000000	1.402906e+01	0.000000e+00
##	SAMPLE	19	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	20	0.000000e+00	0.000000e+00	0.0000000000	5.540998e-01	3.105985e-03
##	SAMPLE	21	0.000000e+00	0.000000e+00	0.0000000000	1.720443e-01	0.000000e+00
##	SAMPLE	22	1.057797e-01	0.000000e+00	0.0000000000	3.143795e-01	3.799002e-01
##	SAMPLE	23	1.224736e+01	0.000000e+00	0.0000000000	1.245265e+01	0.000000e+00
##	SAMPLE	24	0.000000e+00	0.000000e+00	0.010154517	3.225367e-01	2.485210e-03
##	SAMPLE	25	0.000000e+00	0.000000e+00	0.0000000000	1.344273e+01	0.000000e+00
##	SAMPLE	26	0.000000e+00	0.000000e+00	0.0000000000	3.036536e-01	0.000000e+00
##	SAMPLE	27	8.023927e-03	0.000000e+00	0.0000000000	3.407046e-01	1.214059e+01
##	SAMPLE	28	0.000000e+00	0.000000e+00	0.0000000000	1.016769e+01	1.209590e+01
##	SAMPLE	29	0.000000e+00	0.000000e+00	0.0000000000	2.976899e-01	0.000000e+00
##	SAMPLE	30	0.000000e+00	0.000000e+00	0.0000000000	1.273891e+00	0.000000e+00
##	SAMPLE	31	0.000000e+00	0.000000e+00	0.0000000000	1.338961e+01	7.350818e-03
##	SAMPLE	32	6.072757e-02	0.000000e+00	0.0000000000	1.854586e-01	1.022354e-01
##	SAMPLE	33	9.715381e-02	9.478047e-03	0.0000000000	4.526424e-01	0.000000e+00
##	SAMPLE	34	1.061826e+01	0.000000e+00	14.052698511	1.281008e+01	0.000000e+00
##	SAMPLE	35	0.000000e+00	0.000000e+00	0.0000000000	9.722959e-02	0.000000e+00
##	SAMPLE	36	3.523607e-02	0.000000e+00	0.0000000000	1.229597e+01	1.236587e+01
##	SAMPLE	37	0.000000e+00	7.589007e-02	0.0000000000	1.151494e-01	6.016737e-02
##	SAMPLE	38	5.025742e-01	0.000000e+00	0.0000000000	3.044829e-02	4.351182e-01
##	SAMPLE	39	0.000000e+00	0.000000e+00	0.0000000000	5.164191e-01	2.193643e-03
##	SAMPLE	40	0.000000e+00	0.000000e+00	0.0000000000	1.021782e-01	4.667868e-02
##	SAMPLE	41	1.535353e-01	0.000000e+00	0.0000000000	1.304911e+01	0.000000e+00
##	SAMPLE	42	0.000000e+00	4.659947e-01	0.0000000000	4.840823e-01	0.000000e+00
##	SAMPLE	43	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	1.195361e+01
##	SAMPLE	44	7.077566e-04	0.000000e+00	0.0000000000	2.742838e-01	1.240542e+01
##	SAMPLE	45	0.000000e+00	0.000000e+00	0.0000000000	3.920341e-04	0.000000e+00
##	SAMPLE	46	0.000000e+00	1.574581e-02	0.0000000000	2.239560e-01	1.282829e+01
##	SAMPLE	47	9.193147e-02	6.170867e-01	0.0000000000	2.566943e-03	4.140993e-02
##	SAMPLE	48	0.000000e+00	1.877998e-03	0.0000000000	1.693870e-02	0.000000e+00
##	SAMPLE	49	4.768846e-02	0.000000e+00	0.0000000000	2.715850e-01	1.305181e+01
##	SAMPLE	50	0.000000e+00	0.000000e+00	0.0000000000	6.776348e-01	0.000000e+00

##	SAMPLE	51	4.237164e-02	0.000000e+00	0.000000000	1.258740e-03	1.701796e-01
##	SAMPLE	52	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	53	0.000000e+00	0.000000e+00	0.000000000	6.668142e-04	0.000000e+00
##	SAMPLE	54	0.000000e+00	3.053835e-04	0.000000000	1.272928e+01	0.000000e+00
##	SAMPLE	55	4.151243e-02	0.000000e+00	0.000000000	1.170837e+01	6.585920e-01
##	SAMPLE	56	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	57	0.000000e+00	0.000000e+00	0.000000000	1.483441e+01	2.308007e-02
##	SAMPLE	58	0.000000e+00	0.000000e+00	0.000000000	7.400945e-03	0.000000e+00
##	SAMPLE	59	1.324652e+01	0.000000e+00	0.000000000	1.234917e+01	9.680643e-02
##	SAMPLE	60	3.083447e-01	1.228913e+01	0.000000000	1.281571e+01	1.474719e-02
##	SAMPLE	61	0.000000e+00	0.000000e+00	0.426660372	1.834160e-01	2.018191e-02
##	SAMPLE	62	0.000000e+00	0.000000e+00	0.000000000	6.069214e-03	0.000000e+00
##	SAMPLE	63	0.000000e+00	0.000000e+00	0.000000000	1.243807e+01	0.000000e+00
##	SAMPLE	64	8.935357e-02	0.000000e+00	0.000000000	5.554645e-02	8.866855e-02
##	SAMPLE	65	0.000000e+00	0.000000e+00	0.000000000	1.025233e-02	0.000000e+00
##	SAMPLE	66	0.000000e+00	0.000000e+00	0.000000000	1.966627e-01	0.000000e+00
##	SAMPLE	67	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00	1.265705e+01
##	SAMPLE	68	0.000000e+00	0.000000e+00	0.000000000	9.523261e-04	0.000000e+00
##	SAMPLE	69	0.000000e+00	0.000000e+00	0.000000000	7.000426e-01	0.000000e+00
##	SAMPLE	70	2.019038e-01	0.000000e+00	0.000000000	1.252898e+01	0.000000e+00
##	SAMPLE	71	0.000000e+00	1.040699e-01	0.000000000	2.813855e-02	0.000000e+00
##	SAMPLE	72	0.000000e+00	3.800570e-03	0.019702123	1.522892e-01	5.344746e-02
##	SAMPLE	73	0.000000e+00	0.000000e+00	0.000000000	1.237337e+01	0.000000e+00
##	SAMPLE	74	3.954415e-02	0.000000e+00	10.688855356	1.255229e+01	0.000000e+00
##	SAMPLE	75	0.000000e+00	0.000000e+00	0.196139229	9.822682e-02	0.000000e+00
##	SAMPLE	76	0.000000e+00	0.000000e+00	0.089136920	1.012999e-01	0.000000e+00
##	SAMPLE	77	0.000000e+00	0.000000e+00	0.000000000	2.960084e-01	1.025287e+01
##	SAMPLE	78	3.015408e-03	1.437459e-02	0.004624863	5.200803e-01	5.094106e-04
##	SAMPLE	79	6.056421e-01	0.000000e+00	0.000000000	2.191828e-01	0.000000e+00
##	SAMPLE	80	5.986425e-04	0.000000e+00	0.677101401	6.062096e-01	1.390254e+01
##	SAMPLE	81	1.509677e-01	0.000000e+00	0.000000000	1.602384e-01	2.707446e-01
##	SAMPLE	82	4.650242e-03	0.000000e+00	0.000000000	2.186562e-01	0.000000e+00
##	SAMPLE	83	0.000000e+00	0.000000e+00	0.000000000	1.447603e+01	0.000000e+00
##	SAMPLE	84	4.692155e-02	0.000000e+00	0.000000000	1.187517e+01	0.000000e+00
##	SAMPLE	85	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	86	0.000000e+00	0.000000e+00	13.186353686	7.028849e-03	0.000000e+00
##	SAMPLE	87	0.000000e+00	0.000000e+00	0.000000000	4.551915e-01	4.483439e-04
##	SAMPLE	88	0.000000e+00	0.000000e+00	0.000000000	1.178733e+01	0.000000e+00
##	SAMPLE	89	1.237943e+01	0.000000e+00	0.000000000	1.363720e+01	0.000000e+00
##	SAMPLE	90	0.000000e+00	8.650553e+00	0.000000000	5.396660e-01	4.096981e-01
##	SAMPLE	91	1.192066e-01	0.000000e+00	0.000000000	7.296351e-01	0.000000e+00
##	SAMPLE	92	3.720537e-04	1.260948e+01	0.000000000	1.236161e+01	7.547998e-02
##	SAMPLE	93	0.000000e+00	0.000000e+00	0.000000000	2.608367e-03	0.000000e+00
##	SAMPLE	94	0.000000e+00	1.262773e+01	0.000000000	3.318267e-01	0.000000e+00
##	SAMPLE	95	0.000000e+00	1.431803e+01	0.000000000	1.302482e+01	0.000000e+00
##	SAMPLE	96	0.000000e+00	0.000000e+00	0.000000000	4.871341e-01	0.000000e+00
##	SAMPLE	97	0.000000e+00	9.780757e-02	0.000000000	6.624442e-02	1.190143e-01
##	SAMPLE	98	0.000000e+00	0.000000e+00	0.000000000	7.070528e-01	0.000000e+00
##	SAMPLE	99	0.000000e+00	0.000000e+00	0.000000000	3.467953e-01	0.000000e+00
##	SAMPLE	100	0.000000e+00	0.000000e+00	0.000000000	2.568272e-01	1.007581e-01
##	SAMPLE	101	4.526469e-01	0.000000e+00	0.000000000	1.289207e+01	0.000000e+00
##	SAMPLE	102	2.338563e-01	0.000000e+00	0.000000000	1.233201e+01	1.365948e+01
##	SAMPLE	103	0.000000e+00	0.000000e+00	0.000000000	1.247593e+01	0.000000e+00
##	SAMPLE	104	1.986139e-01	0.000000e+00	0.019325668	1.741935e-01	3.233002e-04
##	SAMPLE	105	0.000000e+00	0.000000e+00	0.000000000	2.221435e-02	0.000000e+00
##	SAMPLE	106	0.000000e+00	0.000000e+00	0.000000000	4.677905e-02	0.000000e+00

##	SAMPLE	107	0.000000e+00	0.000000e+00	0.000000000	1.418900e+01	0.000000e+00
##	SAMPLE	108	1.305323e-01	1.205771e+01	0.000000000	5.441000e-01	6.666409e-01
##	SAMPLE	109	0.000000e+00	0.000000e+00	0.000000000	5.259368e-02	0.000000e+00
##	SAMPLE	110	0.000000e+00	0.000000e+00	0.000000000	3.862621e-02	1.256038e+01
##	SAMPLE	111	0.000000e+00	0.000000e+00	0.154235764	9.755416e-02	3.332034e-03
##	SAMPLE	112	2.499219e-01	1.255305e+01	0.000000000	3.863669e-01	2.289314e-02
##	SAMPLE	113	1.360493e+01	0.000000e+00	0.000000000	0.000000e+00	7.683975e-04
##	SAMPLE	114	4.817736e-02	0.000000e+00	0.735883884	7.308429e-01	6.287418e-01
##	SAMPLE	115	0.000000e+00	0.000000e+00	0.000000000	1.433651e+01	0.000000e+00
##	SAMPLE	116	0.000000e+00	0.000000e+00	0.000000000	1.265417e+01	0.000000e+00
##	SAMPLE	117	0.000000e+00	0.000000e+00	0.000000000	1.847965e-01	1.597802e-01
##	SAMPLE	118	0.000000e+00	0.000000e+00	0.400951693	3.919357e-01	1.425999e-03
##	SAMPLE	119	0.000000e+00	0.000000e+00	0.000000000	1.170847e+01	0.000000e+00
##	SAMPLE	120	3.747201e-02	0.000000e+00	0.000000000	5.210659e-02	6.883679e-01
##	SAMPLE	121	0.000000e+00	0.000000e+00	0.000000000	3.424716e-01	0.000000e+00
##			OTU 101	OTU 103	OTU 105	OTU 107	OTU 109
##	SAMPLE	1	5.898009e-01	0.000000e+00	2.474433e-01	0.000000000	0.000000000
##	SAMPLE	2	5.025015e-03	9.338465e+00	0.000000e+00	0.000000000	13.127308568
##	SAMPLE	3	5.164327e-04	0.000000e+00	3.761709e-01	0.238820671	0.000000000
##	SAMPLE	4	0.000000e+00	0.000000e+00	5.237696e-01	12.038384946	13.629275413
##	SAMPLE	5	0.000000e+00	3.616366e-01	1.214327e-01	0.000000000	0.000000000
##	SAMPLE	6	0.000000e+00	0.000000e+00	2.848284e-02	0.000000000	0.391023121
##	SAMPLE	7	0.000000e+00	0.000000e+00	1.261800e-01	0.000000000	13.498997300
##	SAMPLE	8	2.744646e-01	4.987416e-01	0.000000e+00	0.044669339	13.723247938
##	SAMPLE	9	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	10	0.000000e+00	0.000000e+00	1.233446e+01	0.016401165	0.000000000
##	SAMPLE	11	0.000000e+00	0.000000e+00	2.273631e-01	0.000000000	0.000000000
##	SAMPLE	12	2.635126e-03	0.000000e+00	3.184240e-01	0.687291440	0.000000000
##	SAMPLE	13	2.990988e-03	4.993364e-01	4.587133e-01	0.000000000	0.004495988
##	SAMPLE	14	1.250539e+01	0.000000e+00	0.000000e+00	0.000000000	14.660093784
##	SAMPLE	15	0.000000e+00	0.000000e+00	0.000000e+00	12.298816105	13.412250755
##	SAMPLE	16	0.000000e+00	0.000000e+00	1.262401e+01	0.000000000	0.000000000
##	SAMPLE	17	0.000000e+00	0.000000e+00	1.323747e+01	12.012405104	0.000000000
##	SAMPLE	18	0.000000e+00	0.000000e+00	1.052242e+01	0.296261349	0.000000000
##	SAMPLE	19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.009887957
##	SAMPLE	20	2.579449e-03	0.000000e+00	1.205139e+01	0.000000000	0.000654090
##	SAMPLE	21	5.466054e-02	0.000000e+00	1.087397e-02	0.000000000	0.000000000
##	SAMPLE	22	9.681092e-04	6.589824e-02	0.000000e+00	0.000000000	0.637674722
##	SAMPLE	23	1.244826e+01	1.223405e+01	2.487815e-01	0.002319551	0.000000000
##	SAMPLE	24	1.779236e-01	0.000000e+00	1.614830e-02	0.000000000	0.631346948
##	SAMPLE	25	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	12.908440362
##	SAMPLE	26	8.143422e-03	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	27	7.355142e-01	0.000000e+00	3.088097e-01	0.003108740	0.084922066
##	SAMPLE	28	1.444367e-02	2.455149e-01	5.579538e-01	0.496498433	0.000000000
##	SAMPLE	29	0.000000e+00	0.000000e+00	1.221472e-01	0.000000000	0.000000000
##	SAMPLE	30	0.000000e+00	1.212111e+01	0.000000e+00	0.000000000	0.658209218
##	SAMPLE	31	0.000000e+00	1.316605e+01	1.251086e+01	0.000000000	0.036855113
##	SAMPLE	32	7.170747e-02	3.710040e-01	0.000000e+00	0.000000000	0.454799183
##	SAMPLE	33	4.795119e-01	3.177740e-01	0.000000e+00	0.000000000	12.425519028
##	SAMPLE	34	0.000000e+00	1.262378e+01	2.891597e-01	0.000000000	0.000000000
##	SAMPLE	35	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.629647657
##	SAMPLE	36	0.000000e+00	2.378323e-01	0.000000e+00	0.000000000	0.001609489
##	SAMPLE	37	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	12.667875114
##	SAMPLE	38	3.915240e-01	0.000000e+00	0.000000e+00	0.000000000	12.433185503
##	SAMPLE	39	3.039595e-02	0.000000e+00	1.228862e+01	12.517166179	0.192660918
##	SAMPLE	40	2.700239e-02	6.556094e-03	1.712236e-01	0.000000000	0.340894824

##	SAMPLE	41	0.000000e+00	0.000000e+00	3.129253e-02	0.010451055	0.000000000
##	SAMPLE	42	1.157485e-02	0.000000e+00	1.257046e+01	0.000000000	0.000000000
##	SAMPLE	43	0.000000e+00	0.000000e+00	1.296161e-01	0.000000000	0.000000000
##	SAMPLE	44	2.503790e-02	0.000000e+00	0.000000e+00	12.960480347	0.000000000
##	SAMPLE	45	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	46	0.000000e+00	0.000000e+00	6.854666e-01	0.000000000	11.935938912
##	SAMPLE	47	6.088695e-03	0.000000e+00	1.351994e+01	0.000000000	0.150017352
##	SAMPLE	48	0.000000e+00	0.000000e+00	1.364943e+01	0.000000000	0.000000000
##	SAMPLE	49	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	50	0.000000e+00	0.000000e+00	1.322864e+01	0.002073005	0.000000000
##	SAMPLE	51	3.235196e-03	2.556106e-01	1.028865e-01	0.030714074	0.317977004
##	SAMPLE	52	6.294899e-02	0.000000e+00	1.221354e-02	0.000000000	0.000000000
##	SAMPLE	53	0.000000e+00	0.000000e+00	1.387503e-01	0.160166599	0.000000000
##	SAMPLE	54	8.391917e-02	1.854355e-03	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	55	1.224529e+01	0.000000e+00	0.000000e+00	0.000000000	12.391834287
##	SAMPLE	56	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	57	0.000000e+00	1.420844e+01	1.209754e+01	0.000000000	0.000000000
##	SAMPLE	58	0.000000e+00	0.000000e+00	1.017713e-01	0.000000000	0.000000000
##	SAMPLE	59	1.582130e-02	2.434898e-01	0.000000e+00	12.543438073	0.692512913
##	SAMPLE	60	0.000000e+00	0.000000e+00	1.195565e+01	0.000000000	13.343030558
##	SAMPLE	61	2.847228e-02	1.154363e-01	0.000000e+00	0.000000000	0.024948848
##	SAMPLE	62	0.000000e+00	0.000000e+00	1.302526e+01	0.000000000	0.000000000
##	SAMPLE	63	9.577880e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	64	0.000000e+00	1.217459e+01	1.308762e+01	0.000000000	0.000000000
##	SAMPLE	65	0.000000e+00	0.000000e+00	4.907114e-02	0.000000000	0.000000000
##	SAMPLE	66	0.000000e+00	0.000000e+00	2.723244e-01	0.345815047	0.000000000
##	SAMPLE	67	0.000000e+00	0.000000e+00	1.669191e-01	0.000000000	0.000000000
##	SAMPLE	68	1.094760e+01	0.000000e+00	1.312897e+01	0.000000000	0.000000000
##	SAMPLE	69	0.000000e+00	3.957420e-02	4.555232e-01	9.510829155	12.823932902
##	SAMPLE	70	5.250364e-01	1.070537e-01	1.150166e-01	0.000000000	12.729068143
##	SAMPLE	71	0.000000e+00	0.000000e+00	4.489867e-01	0.000000000	11.841748391
##	SAMPLE	72	1.756967e-03	1.990575e-02	2.515850e-02	0.000000000	12.238002624
##	SAMPLE	73	7.393556e-01	4.334243e-01	1.256737e+01	0.000000000	0.000000000
##	SAMPLE	74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	75	7.252954e-02	2.445904e-01	1.426373e+01	0.000000000	0.000000000
##	SAMPLE	76	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.014351909
##	SAMPLE	77	0.000000e+00	0.000000e+00	3.832101e-01	0.000000000	0.000000000
##	SAMPLE	78	1.004476e+01	1.173810e+01	1.182045e+01	0.000000000	0.235846586
##	SAMPLE	79	0.000000e+00	0.000000e+00	4.395916e-02	0.000000000	13.431310978
##	SAMPLE	80	1.201585e+01	4.286629e-01	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	81	0.000000e+00	3.607205e-02	0.000000e+00	0.157103202	12.914078022
##	SAMPLE	82	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.014191131
##	SAMPLE	83	0.000000e+00	0.000000e+00	1.213682e+01	0.000000000	0.000000000
##	SAMPLE	84	1.120855e-01	0.000000e+00	0.000000e+00	0.000000000	0.147450947
##	SAMPLE	85	0.000000e+00	0.000000e+00	1.407531e+01	0.000000000	0.000000000
##	SAMPLE	86	7.144276e-04	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	87	1.327597e+01	1.262039e+01	1.331470e+01	0.000000000	0.000000000
##	SAMPLE	88	0.000000e+00	0.000000e+00	1.202921e-01	0.002978421	12.620024145
##	SAMPLE	89	2.875191e-02	0.000000e+00	0.000000e+00	0.000000000	12.551536354
##	SAMPLE	90	0.000000e+00	3.249717e-02	3.852055e-02	0.028878683	13.195499856
##	SAMPLE	91	3.345916e-02	8.901719e-01	8.108487e-04	0.000000000	0.766016021
##	SAMPLE	92	1.324810e-03	0.000000e+00	0.000000e+00	0.000000000	12.871907552
##	SAMPLE	93	0.000000e+00	0.000000e+00	7.629751e+00	0.000000000	0.000000000
##	SAMPLE	94	7.582254e-02	2.376000e-01	0.000000e+00	0.000000000	0.131934416
##	SAMPLE	95	0.000000e+00	0.000000e+00	1.001769e+00	0.000000000	0.000000000
##	SAMPLE	96	0.000000e+00	0.000000e+00	1.181932e-01	0.044296877	0.000000000

##	SAMPLE	97	0.000000e+00	9.809164e-02	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	98	1.306247e+01	0.000000e+00	1.206213e+01	0.000000000	0.000000000
##	SAMPLE	99	0.000000e+00	0.000000e+00	1.256986e+01	0.000000000	0.000000000
##	SAMPLE	100	1.412893e-01	1.284593e-01	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	101	0.000000e+00	0.000000e+00	1.188316e+01	0.000000000	0.000000000
##	SAMPLE	102	0.000000e+00	1.840202e-01	0.000000e+00	0.011200060	11.287370503
##	SAMPLE	103	0.000000e+00	0.000000e+00	3.762967e-01	0.000000000	0.000000000
##	SAMPLE	104	4.236770e-03	3.475381e-01	8.853125e-04	0.000000000	0.564301545
##	SAMPLE	105	7.826220e-04	4.269607e-04	3.067238e-01	0.000000000	0.000000000
##	SAMPLE	106	1.249273e-02	0.000000e+00	1.255100e+01	0.000000000	0.000000000
##	SAMPLE	107	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	108	4.425430e-03	1.739422e-01	0.000000e+00	0.000000000	0.692621039
##	SAMPLE	109	0.000000e+00	0.000000e+00	5.063860e-02	0.141528995	0.000000000
##	SAMPLE	110	0.000000e+00	3.313372e-02	1.549722e-01	12.900191498	14.744222735
##	SAMPLE	111	0.000000e+00	0.000000e+00	0.000000e+00	0.031840983	0.000000000
##	SAMPLE	112	1.993417e-03	1.253446e+01	5.628119e-01	0.000000000	13.842869913
##	SAMPLE	113	3.172467e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	114	9.864266e+00	0.000000e+00	0.000000e+00	0.000000000	0.378467333
##	SAMPLE	115	0.000000e+00	7.292672e-01	1.626619e-01	0.000000000	0.000000000
##	SAMPLE	116	0.000000e+00	0.000000e+00	8.656669e-02	0.000000000	0.000000000
##	SAMPLE	117	0.000000e+00	0.000000e+00	2.448361e-01	0.000000000	0.000000000
##	SAMPLE	118	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	119	0.000000e+00	7.116778e-01	0.000000e+00	0.411279020	0.000000000
##	SAMPLE	120	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	12.808230272
##	SAMPLE	121	1.395102e-02	0.000000e+00	2.536551e-01	0.000000000	0.001932994
##			OTU 111	OTU 113	OTU 115	OTU 117	OTU 119
##	SAMPLE	1	0.000000000	12.539627093	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	2	0.023549113	0.664187858	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	3	0.006051305	0.534267212	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	4	0.036456987	0.566392304	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	5	0.000000000	0.073848993	13.614008061	0.000000000	1.211052e+01
##	SAMPLE	6	0.306354253	12.004161270	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	7	0.000000000	0.843358916	0.000000000	12.087168145	0.000000e+00
##	SAMPLE	8	0.349967962	0.077825350	0.000000000	0.532914911	2.930472e-01
##	SAMPLE	9	0.001462007	12.312027848	0.000000000	0.000000000	1.446635e+01
##	SAMPLE	10	0.008307860	0.111293443	0.030414726	0.000000000	1.195494e+01
##	SAMPLE	11	0.000000000	0.550548138	0.000000000	0.601009424	0.000000e+00
##	SAMPLE	12	0.001068756	0.095943932	0.000000000	0.000000000	2.593566e-02
##	SAMPLE	13	0.025180488	0.073871489	0.000000000	0.000000000	1.183409e-02
##	SAMPLE	14	0.000000000	13.133597997	14.864007593	0.442444312	1.244690e+01
##	SAMPLE	15	11.960283003	12.549028809	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	16	0.000000000	0.026847762	0.081580648	0.000000000	2.551883e-04
##	SAMPLE	17	0.000000000	0.195033670	0.000000000	11.704422505	1.254193e+01
##	SAMPLE	18	0.000000000	0.930822205	0.818311322	13.081389505	1.455447e+01
##	SAMPLE	19	0.000000000	0.000000000	0.015882815	0.000000000	5.886862e-04
##	SAMPLE	20	0.000000000	0.062904675	0.000000000	0.000000000	1.169624e+01
##	SAMPLE	21	0.037465663	11.778275635	12.079936667	0.000000000	0.000000e+00
##	SAMPLE	22	0.000000000	12.212457331	0.000000000	0.007245958	5.982952e-02
##	SAMPLE	23	0.096652844	0.602882312	12.087639575	0.000000000	5.686353e-03
##	SAMPLE	24	0.000000000	0.523857231	0.190853770	0.071405256	7.767950e-01
##	SAMPLE	25	0.000000000	0.000000000	0.125839016	0.000000000	0.000000e+00
##	SAMPLE	26	0.210089675	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	27	0.040269044	0.042840676	0.728887712	0.613073700	1.419843e+01
##	SAMPLE	28	0.000000000	0.766399510	9.764847897	0.000000000	0.000000e+00
##	SAMPLE	29	0.000000000	0.000000000	0.032509430	0.000000000	0.000000e+00
##	SAMPLE	30	0.000000000	0.000405787	0.000000000	0.000000000	0.000000e+00

##	SAMPLE	31	0.000000000	0.697107912	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	32	0.027802438	0.109440295	0.475086445	0.000000000	4.915490e-03
##	SAMPLE	33	0.000000000	0.328129148	0.000000000	0.189789051	1.675233e-01
##	SAMPLE	34	0.000000000	12.853106214	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	35	0.000000000	0.248580486	0.002298872	0.057914851	6.004041e-03
##	SAMPLE	36	0.000000000	0.397765341	0.000000000	0.000000000	7.004593e-01
##	SAMPLE	37	0.000000000	0.123910230	12.130095976	0.000000000	3.922040e-01
##	SAMPLE	38	0.000000000	12.209843069	0.000000000	0.000000000	9.250538e-03
##	SAMPLE	39	13.278632764	0.067459798	0.000000000	13.217994540	2.751804e-02
##	SAMPLE	40	0.010746420	10.270287666	0.436036148	0.000000000	9.556881e-02
##	SAMPLE	41	0.000000000	0.346480812	0.000000000	0.354333474	1.226714e+01
##	SAMPLE	42	0.060220370	0.024974005	0.081587681	0.500356941	0.000000e+00
##	SAMPLE	43	0.000000000	0.266090630	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	44	0.161569230	0.636293417	0.000000000	0.000000000	8.197136e-02
##	SAMPLE	45	0.000000000	0.183746330	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	46	0.299116457	0.008331906	0.706664807	0.000000000	5.495204e-02
##	SAMPLE	47	12.299116104	0.048600960	0.000000000	0.000000000	1.335670e+01
##	SAMPLE	48	0.000000000	13.110169878	0.000000000	0.000000000	2.790344e-03
##	SAMPLE	49	0.000000000	0.528694634	0.000000000	0.000000000	3.071468e-04
##	SAMPLE	50	0.000000000	8.996973485	0.000000000	0.063827958	9.871367e+00
##	SAMPLE	51	0.000000000	0.035731559	0.000000000	0.075659137	1.127859e-01
##	SAMPLE	52	0.012168825	11.282488377	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	53	0.000000000	0.161891506	0.348709675	0.000000000	0.000000e+00
##	SAMPLE	54	0.000000000	13.226827946	0.019911837	0.000000000	6.366748e-02
##	SAMPLE	55	0.000000000	0.582277494	13.062986274	0.000000000	7.059091e-01
##	SAMPLE	56	0.000000000	13.670425661	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	57	0.000000000	13.783861414	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	58	0.000000000	12.497882494	0.000000000	0.661602278	1.308097e+01
##	SAMPLE	59	0.073950374	0.581365627	0.058752030	0.000000000	1.442842e-02
##	SAMPLE	60	0.027151307	12.244005713	13.886389452	0.000000000	2.344891e-02
##	SAMPLE	61	0.000000000	0.041781047	12.548092289	0.000000000	5.001333e-03
##	SAMPLE	62	0.091500435	12.060128464	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	63	0.000000000	8.517833341	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	64	0.000000000	0.642478300	12.969433503	0.000000000	8.141403e-04
##	SAMPLE	65	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	66	0.132522402	0.396764410	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	67	0.000000000	0.080270971	0.011692721	0.000000000	0.000000e+00
##	SAMPLE	68	12.457193819	0.024679913	0.000000000	0.000000000	3.009851e-02
##	SAMPLE	69	0.034076999	12.963858906	0.000000000	0.000000000	1.211461e+01
##	SAMPLE	70	0.000000000	0.647495542	0.000000000	0.757691117	1.006267e+01
##	SAMPLE	71	0.000000000	13.430153358	0.000000000	0.000000000	4.551260e-03
##	SAMPLE	72	0.000000000	0.030853827	0.856344795	0.000000000	1.730981e-02
##	SAMPLE	73	0.052635541	0.702472611	0.000000000	0.000000000	7.751802e-02
##	SAMPLE	74	0.000000000	0.389016709	0.000000000	0.000000000	1.367120e+01
##	SAMPLE	75	0.000000000	0.708690098	0.187103621	0.215629103	0.000000e+00
##	SAMPLE	76	0.000000000	0.034259180	0.246034658	0.000347425	3.033964e-02
##	SAMPLE	77	0.000000000	0.000000000	0.000000000	0.000000000	1.261456e+01
##	SAMPLE	78	0.000000000	0.070274043	0.000000000	0.421807335	5.741426e-01
##	SAMPLE	79	0.024335987	12.445609818	14.341947291	0.358451120	0.000000e+00
##	SAMPLE	80	0.000000000	0.682674852	0.000000000	0.000000000	1.344527e+01
##	SAMPLE	81	0.000000000	0.188518396	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	82	0.000000000	0.305639637	0.000000000	0.000000000	3.990290e-01
##	SAMPLE	83	0.103364755	12.223866611	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	84	0.000000000	0.117862078	12.864581716	0.000000000	3.799348e-01
##	SAMPLE	85	0.000000000	0.000000000	0.081650120	0.000000000	4.735333e-01
##	SAMPLE	86	0.000000000	0.004712003	12.557327228	0.000000000	0.000000e+00

##	SAMPLE 87	0.000000000	0.039063786	0.000000000	11.839843060	0.000000e+00
##	SAMPLE 88	0.000000000	10.225275499	0.000000000	0.000000000	1.258725e+01
##	SAMPLE 89	0.000000000	13.466125771	0.129042721	0.000000000	2.329392e-02
##	SAMPLE 90	0.000000000	0.246150613	0.000000000	0.000000000	1.278021e+01
##	SAMPLE 91	0.000000000	0.301524555	12.512306309	0.045256417	8.027270e-01
##	SAMPLE 92	0.000000000	0.451045502	0.000000000	0.035616846	1.185649e+00
##	SAMPLE 93	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 94	0.170913231	0.644984429	0.000000000	0.000000000	8.514057e-03
##	SAMPLE 95	0.004429943	0.974878622	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 96	0.000000000	0.042221883	0.014784416	0.000000000	2.168646e-01
##	SAMPLE 97	0.000000000	0.000000000	0.251571482	0.000000000	4.242233e-01
##	SAMPLE 98	0.041632922	0.281604995	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 99	0.000000000	12.510103512	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 100	0.000000000	0.102184139	0.000000000	0.052321228	1.345823e-04
##	SAMPLE 101	0.018129680	0.116961054	0.000000000	0.000000000	9.320214e-04
##	SAMPLE 102	0.000000000	0.002537504	0.000000000	0.419604493	3.555926e-03
##	SAMPLE 103	0.000000000	0.472690082	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 104	0.003270347	0.051444545	0.328376570	0.000000000	5.774009e-01
##	SAMPLE 105	0.000000000	13.168607010	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 106	0.000000000	0.002758395	0.360996491	0.000000000	0.000000e+00
##	SAMPLE 107	0.019752185	14.051646351	0.000000000	12.430460721	0.000000e+00
##	SAMPLE 108	0.014670585	0.036741037	0.452183817	0.000000000	3.022396e-03
##	SAMPLE 109	0.000000000	0.243313078	0.000000000	0.005260369	0.000000e+00
##	SAMPLE 110	0.219216617	0.063670293	0.000000000	0.000000000	1.276943e+01
##	SAMPLE 111	0.000000000	0.019716277	0.000000000	0.000000000	1.011764e-02
##	SAMPLE 112	0.000000000	0.119975859	0.465093306	12.077722626	1.289232e+01
##	SAMPLE 113	0.000000000	0.265695858	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 114	0.000000000	0.044491175	0.448395369	0.000000000	3.391252e-01
##	SAMPLE 115	0.001316506	11.861292706	0.000000000	0.000000000	1.973673e-01
##	SAMPLE 116	0.000000000	0.618066213	13.577712043	0.354462994	2.446241e-02
##	SAMPLE 117	0.000000000	0.016186633	0.000000000	0.009865965	6.478333e-02
##	SAMPLE 118	0.000000000	0.096911938	0.000000000	0.000000000	1.188609e+01
##	SAMPLE 119	0.000000000	0.480045502	0.000000000	0.000000000	1.183867e+01
##	SAMPLE 120	12.644330389	0.008594739	0.000000000	0.000000000	1.333128e+01
##	SAMPLE 121	0.250722664	0.255853463	0.000000000	0.000000000	0.000000e+00
##		OTU 121	OTU 123	OTU 126	OTU 128	OTU 132
##	SAMPLE 1	1.299824e-01	12.621090740	1.298425e+01	0.000000e+00	4.323397e-01
##	SAMPLE 2	4.011382e-01	12.398493913	1.280144e+01	0.000000e+00	0.000000e+00
##	SAMPLE 3	3.389066e-01	0.186157381	1.179294e+01	2.110979e-02	2.695965e-01
##	SAMPLE 4	1.196761e+01	14.263088168	1.380993e+01	2.583145e-02	0.000000e+00
##	SAMPLE 5	3.173400e-01	13.152482344	1.193143e+01	0.000000e+00	3.860682e-02
##	SAMPLE 6	6.329098e-01	12.435989230	0.000000e+00	1.760081e-02	9.774862e-02
##	SAMPLE 7	1.296681e+01	10.371023902	1.388815e+01	5.500731e-02	1.165429e-01
##	SAMPLE 8	6.349163e-01	0.302776114	1.361259e+01	2.471932e-02	4.109082e-01
##	SAMPLE 9	3.212101e-01	12.743500111	1.294045e+01	0.000000e+00	1.796969e-01
##	SAMPLE 10	1.844308e-01	12.528314859	7.266581e-01	1.611575e-01	4.911917e-01
##	SAMPLE 11	6.261767e-01	12.441822913	1.233242e+01	1.217608e-03	3.739215e-02
##	SAMPLE 12	2.743068e-01	14.078390247	4.709691e-01	2.310350e-02	6.992331e-01
##	SAMPLE 13	8.182649e-02	10.542061526	1.195986e+01	8.013568e-02	2.142666e-01
##	SAMPLE 14	0.000000e+00	0.406979317	6.367172e-02	2.525011e-02	8.707941e-02
##	SAMPLE 15	1.255289e+01	9.722647754	1.226525e+01	1.768785e-01	0.000000e+00
##	SAMPLE 16	1.573477e-01	0.567313932	1.317297e+01	3.878513e-02	3.244670e-01
##	SAMPLE 17	0.000000e+00	13.313398811	1.364810e+01	2.493618e-01	7.371812e-02
##	SAMPLE 18	1.263231e+01	12.702168164	5.448543e-04	2.759532e-01	0.000000e+00
##	SAMPLE 19	0.000000e+00	0.007175456	1.523057e-02	0.000000e+00	0.000000e+00
##	SAMPLE 20	1.338704e+01	0.346529676	4.004266e-01	7.296925e-03	9.357067e-02

##	SAMPLE	21	1.195725e+01	13.430209845	1.262773e+01	8.991541e-02	1.845733e-01
##	SAMPLE	22	4.653522e-02	0.831163703	1.299144e+01	1.611301e-02	4.821617e-02
##	SAMPLE	23	3.025642e-01	10.940977916	8.384393e-01	5.062426e-02	1.046795e-01
##	SAMPLE	24	9.047669e-02	12.359927807	5.928246e-01	1.895246e-02	1.599841e-01
##	SAMPLE	25	6.773129e-01	12.090821657	6.269048e-03	3.125799e-01	1.773353e-01
##	SAMPLE	26	0.000000e+00	0.511670483	1.247920e+01	1.144662e-01	1.081622e-01
##	SAMPLE	27	5.249955e-03	0.703261694	1.248739e+01	5.279038e-01	8.107028e-03
##	SAMPLE	28	3.769500e-01	10.800449208	1.237823e+01	1.192985e-01	4.410852e-02
##	SAMPLE	29	2.454206e-02	0.001799158	7.668335e-02	1.216594e-02	3.609904e-02
##	SAMPLE	30	1.336001e+01	14.920773692	1.093894e-01	3.324486e-01	0.000000e+00
##	SAMPLE	31	5.701845e-01	13.308842046	2.090931e-01	2.140789e-01	0.000000e+00
##	SAMPLE	32	1.950944e-01	0.561332072	4.660239e-01	1.265422e-03	4.736625e-01
##	SAMPLE	33	0.000000e+00	13.545456556	1.193580e+01	2.765161e-01	0.000000e+00
##	SAMPLE	34	0.000000e+00	0.515183385	1.367876e+01	1.280906e+01	0.000000e+00
##	SAMPLE	35	9.087972e-02	0.633484077	4.673942e-01	4.577726e-02	2.214797e-02
##	SAMPLE	36	1.295312e-01	12.896045546	8.623008e-01	8.556340e-02	3.255080e-03
##	SAMPLE	37	5.075357e-02	0.652892510	1.219375e+01	9.833018e-02	3.698089e-02
##	SAMPLE	38	1.575691e-01	13.045108677	7.201885e-01	3.304298e-01	0.000000e+00
##	SAMPLE	39	3.994283e-01	12.876043661	6.874858e-01	7.859834e-02	6.007562e-02
##	SAMPLE	40	1.547693e-01	0.056062617	8.623718e-02	0.000000e+00	0.000000e+00
##	SAMPLE	41	6.962612e-01	12.195155078	1.236551e+01	3.593715e-02	2.671011e-01
##	SAMPLE	42	7.311565e-01	0.183656114	3.500512e-01	1.499081e-01	0.000000e+00
##	SAMPLE	43	1.075666e-01	12.008783605	1.146124e-01	3.805765e-02	0.000000e+00
##	SAMPLE	44	2.614152e-01	0.159906116	7.462060e-01	2.235144e-01	0.000000e+00
##	SAMPLE	45	0.000000e+00	10.652737819	1.395951e+01	1.763776e-01	4.166740e-01
##	SAMPLE	46	3.675328e-01	0.462739692	1.220091e+01	1.401190e-01	5.587922e-02
##	SAMPLE	47	1.182398e+01	12.039077345	1.347500e+01	1.197442e+01	0.000000e+00
##	SAMPLE	48	0.000000e+00	13.978085543	7.694394e-01	0.000000e+00	0.000000e+00
##	SAMPLE	49	0.000000e+00	13.341958420	1.416709e+01	0.000000e+00	1.250182e+01
##	SAMPLE	50	6.732370e-02	12.029454728	1.256200e+01	1.850352e-01	1.995612e-01
##	SAMPLE	51	3.856697e-02	0.499941693	4.511314e-01	1.064311e-03	1.128335e-02
##	SAMPLE	52	1.308927e+01	0.030884177	1.393757e+01	3.751225e-01	0.000000e+00
##	SAMPLE	53	6.703607e-02	0.609170543	7.366102e-01	2.481051e-02	0.000000e+00
##	SAMPLE	54	1.023923e+01	12.014228909	1.373953e+01	5.365298e-02	0.000000e+00
##	SAMPLE	55	6.048593e-02	12.087544182	1.289436e+01	1.145070e-01	9.433200e-02
##	SAMPLE	56	0.000000e+00	0.228501840	1.369112e+01	7.202388e-01	0.000000e+00
##	SAMPLE	57	0.000000e+00	14.289998239	1.468718e+01	3.920649e-01	0.000000e+00
##	SAMPLE	58	6.731442e-01	14.130467987	1.041990e+01	3.291926e-01	1.190105e+01
##	SAMPLE	59	1.257493e+01	12.227347190	1.287467e+01	9.260360e-02	0.000000e+00
##	SAMPLE	60	1.222797e+01	11.894255627	1.307068e+01	0.000000e+00	8.100048e-02
##	SAMPLE	61	1.735834e-01	0.392465103	3.079746e-01	7.334983e-03	0.000000e+00
##	SAMPLE	62	1.213804e+01	13.126555759	1.336217e+01	0.000000e+00	1.581262e-01
##	SAMPLE	63	6.339601e-03	12.467522790	1.294330e+01	0.000000e+00	7.262779e-02
##	SAMPLE	64	1.301690e+01	12.773343671	1.388691e+01	0.000000e+00	0.000000e+00
##	SAMPLE	65	0.000000e+00	0.002457494	0.000000e+00	5.025598e-04	0.000000e+00
##	SAMPLE	66	5.200401e-01	12.668242450	1.252631e+01	0.000000e+00	1.606574e-01
##	SAMPLE	67	1.721011e-01	12.265681052	1.252819e+01	4.652979e-02	1.790712e-01
##	SAMPLE	68	7.395722e-01	0.044923781	1.402624e+01	2.031081e-01	1.425491e-01
##	SAMPLE	69	1.671531e-01	0.623737603	1.290548e+01	6.069003e-01	1.243128e+01
##	SAMPLE	70	1.510354e-01	0.282242192	4.525617e-01	0.000000e+00	4.225771e-01
##	SAMPLE	71	5.766145e-01	9.820331165	1.236851e+01	0.000000e+00	1.337665e-01
##	SAMPLE	72	6.351668e-02	0.601757250	3.760125e-01	8.348333e-02	6.995673e-03
##	SAMPLE	73	8.180582e-01	12.473682648	4.989435e-01	1.249416e-01	5.232145e-02
##	SAMPLE	74	1.202094e+01	12.299000392	1.329554e+01	0.000000e+00	0.000000e+00
##	SAMPLE	75	4.551861e-01	0.549117033	2.590436e-01	2.529843e-02	0.000000e+00
##	SAMPLE	76	2.332022e-02	0.066863560	3.091255e-02	0.000000e+00	8.162574e-04

##	SAMPLE	77	4.045472e-01	12.568534059	1.374496e+01	0.000000e+00	0.000000e+00
##	SAMPLE	78	2.559732e-01	0.556012302	1.196005e+01	5.466744e-04	2.902849e-02
##	SAMPLE	79	5.507425e-01	13.209625584	1.207498e+01	5.436208e-02	5.039140e-01
##	SAMPLE	80	3.366023e-01	0.656613772	1.471430e+01	4.820883e-02	0.000000e+00
##	SAMPLE	81	2.018239e-02	11.905759920	1.250808e+01	1.275706e-01	6.617051e-02
##	SAMPLE	82	7.169709e-02	0.554061348	1.332785e+01	1.048600e-01	1.717409e-01
##	SAMPLE	83	7.576754e-01	14.487027542	2.021643e-01	0.000000e+00	1.594238e-01
##	SAMPLE	84	0.000000e+00	12.242052266	1.689877e-01	7.041477e-04	7.102619e-02
##	SAMPLE	85	0.000000e+00	0.267092100	8.119531e-01	0.000000e+00	0.000000e+00
##	SAMPLE	86	6.205329e-01	0.102818285	1.309377e+01	0.000000e+00	5.469814e-01
##	SAMPLE	87	0.000000e+00	14.359694788	1.300055e+01	2.080904e-02	7.910176e-02
##	SAMPLE	88	0.000000e+00	11.956023767	1.196993e+01	2.189903e-02	3.076151e-01
##	SAMPLE	89	1.407306e+01	0.043368626	2.219231e-02	1.183019e+01	0.000000e+00
##	SAMPLE	90	1.387535e-02	0.338164469	1.287913e+01	7.421741e-02	8.140631e-03
##	SAMPLE	91	5.827172e-01	0.770878860	9.724544e+00	3.579562e-02	8.548413e-02
##	SAMPLE	92	5.764395e-01	0.628137434	1.052085e+00	1.677317e-01	2.470048e-01
##	SAMPLE	93	1.387467e+01	0.004148148	1.274605e+01	0.000000e+00	0.000000e+00
##	SAMPLE	94	5.786846e-01	0.834580417	9.671981e+00	2.717860e-02	2.159363e-03
##	SAMPLE	95	8.265616e-01	13.448639912	1.093249e+01	0.000000e+00	1.723944e-01
##	SAMPLE	96	1.179793e-01	0.532871222	3.848497e-01	7.610686e-03	7.530829e-01
##	SAMPLE	97	4.893334e-01	0.015531335	1.404677e+01	7.208003e-02	0.000000e+00
##	SAMPLE	98	2.857884e-01	14.491362569	1.346561e+01	1.820722e-01	0.000000e+00
##	SAMPLE	99	0.000000e+00	13.299066284	1.282486e+01	6.572338e-02	2.332790e-01
##	SAMPLE	100	5.137621e-04	0.558960626	0.000000e+00	2.578379e-03	1.047989e-01
##	SAMPLE	101	1.218022e+01	0.030272756	1.245190e+01	1.189743e-02	1.055240e-01
##	SAMPLE	102	3.843657e-02	13.386589761	1.415711e+01	3.906651e-02	0.000000e+00
##	SAMPLE	103	3.652689e-01	12.689871308	0.000000e+00	4.233005e-02	4.173272e-02
##	SAMPLE	104	1.368914e-01	0.302128724	2.475150e-01	0.000000e+00	4.884956e-01
##	SAMPLE	105	1.958968e-01	11.973940021	1.318041e+01	1.966331e-02	5.031544e-01
##	SAMPLE	106	2.227390e-01	0.184402846	3.471161e-01	7.496369e-02	2.317765e-01
##	SAMPLE	107	1.331182e+01	14.038151643	9.985577e-04	5.243076e-02	1.063093e-01
##	SAMPLE	108	6.312922e-01	13.852962389	1.299605e+01	1.534031e-02	2.929291e-01
##	SAMPLE	109	3.953060e-02	0.554632769	1.220531e-01	6.499421e-02	1.246627e+01
##	SAMPLE	110	1.299274e+01	11.495929076	1.296584e+01	7.683200e-02	6.450760e-01
##	SAMPLE	111	0.000000e+00	0.242347074	1.471506e-01	1.498444e-02	0.000000e+00
##	SAMPLE	112	3.505135e-01	0.676467957	1.376429e+01	1.641841e-01	3.512252e-01
##	SAMPLE	113	1.310525e+01	13.110306665	5.234035e-01	8.763512e-02	0.000000e+00
##	SAMPLE	114	4.590338e-02	13.931373009	1.339617e+01	8.224584e-02	1.636866e-02
##	SAMPLE	115	3.813900e-01	13.128974129	7.622008e-01	3.715889e-01	0.000000e+00
##	SAMPLE	116	4.256571e-01	12.425707123	1.233873e+01	0.000000e+00	0.000000e+00
##	SAMPLE	117	0.000000e+00	0.230609745	1.705868e-01	1.944879e-02	2.325868e-02
##	SAMPLE	118	0.000000e+00	0.162276210	1.220721e+01	7.147440e-02	1.264865e-02
##	SAMPLE	119	1.214700e+01	0.693057053	1.378511e+01	1.195328e+01	0.000000e+00
##	SAMPLE	120	1.324384e+01	12.675021541	6.009650e-01	2.405299e-03	0.000000e+00
##	SAMPLE	121	7.531502e-02	13.655112543	1.230707e+01	2.480692e-02	2.280396e-01
##			OTU 136	OTU 139	OTU 142	OTU 144	OTU 146
##	SAMPLE	1	0.000000000	0.1761352557	0.2910301	0.000000000	0.000000e+00
##	SAMPLE	2	0.230693366	0.1265564090	0.00000000	0.000000000	3.531260e-02
##	SAMPLE	3	0.329782784	0.0002453388	0.1907460	0.000000000	2.184566e-01
##	SAMPLE	4	12.838634122	0.0000000000	11.8333669	0.000000000	2.616516e-01
##	SAMPLE	5	12.211609610	0.0000000000	0.5649438	0.000000000	0.000000e+00
##	SAMPLE	6	0.818067237	0.2094478885	0.3114078	0.000000000	3.739311e-02
##	SAMPLE	7	11.871941523	0.7466094923	12.7226545	0.000000000	1.216995e+01
##	SAMPLE	8	0.380836331	0.0000000000	0.2584940	0.000000000	1.297113e+01
##	SAMPLE	9	0.737589207	0.0943948932	0.00000000	0.000000000	2.295958e-01
##	SAMPLE	10	13.016538631	0.0063419065	0.7453466	0.000000000	4.730880e-02

##	SAMPLE	11	0.332576036	0.0794960642	0.1275391	0.000000000	1.222252e-01
##	SAMPLE	12	12.240054423	0.0250150680	0.1681541	0.000000000	0.000000e+00
##	SAMPLE	13	12.885027397	0.0127268678	0.5553363	0.000000000	1.894139e-02
##	SAMPLE	14	12.183189795	0.0412583174	0.5576484	0.000000000	1.245384e+01
##	SAMPLE	15	0.000000000	0.0000000000	0.0000000	0.000000000	4.134814e-01
##	SAMPLE	16	13.124443154	0.0000000000	0.6030615	0.000000000	1.245313e+01
##	SAMPLE	17	0.000000000	0.0000000000	0.3297018	0.000000000	4.227697e-01
##	SAMPLE	18	0.243835758	0.0000000000	0.5165686	0.000000000	1.227360e-01
##	SAMPLE	19	0.000000000	0.0000000000	0.0000000	0.001795635	0.000000e+00
##	SAMPLE	20	13.012806128	0.0141562649	12.0732219	0.000000000	4.289657e-01
##	SAMPLE	21	0.035633470	0.0000000000	0.0000000	0.000000000	4.471504e-02
##	SAMPLE	22	0.080449442	0.0000000000	0.3048261	0.000000000	4.813775e-01
##	SAMPLE	23	13.156528322	0.1823915196	0.6009931	0.000000000	3.159951e-04
##	SAMPLE	24	0.654093616	0.0129893915	0.0000000	0.020041617	0.000000e+00
##	SAMPLE	25	0.000000000	0.0000000000	0.6536473	0.000000000	0.000000e+00
##	SAMPLE	26	0.286429144	0.0000000000	0.5133294	0.000000000	3.429225e-01
##	SAMPLE	27	0.087048832	0.0321492430	0.1950694	0.000000000	7.995202e-01
##	SAMPLE	28	0.284252556	0.0802234260	12.1005124	0.000000000	1.660441e-03
##	SAMPLE	29	0.198311564	0.0000000000	0.0000000	0.000000000	6.063923e-03
##	SAMPLE	30	12.877429835	0.0000000000	0.0000000	0.000000000	4.768147e-01
##	SAMPLE	31	0.000000000	0.0000000000	0.0000000	0.000000000	1.807658e-01
##	SAMPLE	32	0.485251535	0.0000000000	11.9988190	0.000000000	1.953203e-01
##	SAMPLE	33	0.389165681	0.0787926600	0.4317883	0.000000000	0.000000e+00
##	SAMPLE	34	0.640376301	0.2328570858	0.0000000	0.051181050	0.000000e+00
##	SAMPLE	35	0.048586981	0.0013585215	0.0000000	0.004681494	1.810532e-01
##	SAMPLE	36	12.674728581	0.0000000000	0.4547675	0.000000000	1.849744e-02
##	SAMPLE	37	12.016842016	0.0000000000	0.2744658	0.000000000	4.392854e-01
##	SAMPLE	38	12.010074665	0.0000000000	0.3976983	0.000000000	1.196111e+01
##	SAMPLE	39	0.334463376	0.0000000000	12.0841700	0.000000000	3.401330e-01
##	SAMPLE	40	0.105866608	0.0000000000	0.0000000	0.000000000	3.559673e-02
##	SAMPLE	41	12.764837295	0.0000000000	0.5229539	0.000000000	0.000000e+00
##	SAMPLE	42	11.763122288	0.0000000000	13.0637317	0.000000000	6.318646e-02
##	SAMPLE	43	0.474928053	0.0000000000	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	44	0.390988761	0.0000000000	0.5213869	0.000000000	1.392123e+01
##	SAMPLE	45	12.525005222	0.1172403759	0.2158668	0.000000000	0.000000e+00
##	SAMPLE	46	0.865025379	0.0000000000	0.8989441	0.046310124	4.338013e-02
##	SAMPLE	47	0.141282779	0.0513935230	0.0000000	0.033938898	5.003748e-01
##	SAMPLE	48	0.000000000	0.0000000000	0.0000000	0.000000000	5.449939e-02
##	SAMPLE	49	0.750112372	0.0244869538	9.7439995	0.000000000	4.605028e-01
##	SAMPLE	50	12.232642493	0.0000000000	0.7567866	0.000000000	5.306854e-01
##	SAMPLE	51	0.306438265	0.0000000000	0.3675893	0.000000000	1.094364e-02
##	SAMPLE	52	0.000000000	0.1287565025	12.6771444	0.000000000	9.572055e-03
##	SAMPLE	53	0.457429392	0.0020870295	0.1223149	0.000000000	0.000000e+00
##	SAMPLE	54	0.000000000	0.0000000000	0.0000000	0.000000000	3.561608e-01
##	SAMPLE	55	0.248271227	0.0000000000	0.0000000	0.068292945	1.238772e+01
##	SAMPLE	56	0.000000000	0.0000000000	13.5850603	0.000000000	0.000000e+00
##	SAMPLE	57	0.000000000	0.0000000000	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	58	0.000000000	0.0000000000	0.6788388	0.000000000	5.885025e-01
##	SAMPLE	59	0.591367146	0.0036754947	12.0039787	0.000000000	1.299748e+01
##	SAMPLE	60	0.006698953	0.1088286591	0.8406204	0.000000000	1.315725e+01
##	SAMPLE	61	0.094544812	0.0000000000	0.4170129	0.000000000	9.403256e-03
##	SAMPLE	62	11.893049969	0.0628305506	0.3527774	0.000000000	4.248421e-01
##	SAMPLE	63	0.409936804	0.0000000000	0.2350197	0.000000000	2.765927e-03
##	SAMPLE	64	0.572124256	0.0217395752	0.5887323	0.000000000	1.314163e+01
##	SAMPLE	65	0.000000000	0.0000000000	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	66	0.518450499	0.1124643494	0.4237961	0.000000000	3.748810e-01

##	SAMPLE	67	12.195737724	0.0000000000	0.5080952	0.0000000000	4.865050e-01
##	SAMPLE	68	12.643524093	0.2078830639	12.3867077	0.0000000000	2.473228e-02
##	SAMPLE	69	12.108660223	0.0000000000	12.6582651	0.0000000000	6.595721e-01
##	SAMPLE	70	13.529344379	0.2579224232	13.0499029	0.0000000000	2.642921e-01
##	SAMPLE	71	0.594565940	0.0000000000	0.4010568	0.0000000000	6.914638e-01
##	SAMPLE	72	0.186592937	0.0329058757	0.0000000	0.004724342	5.688567e-03
##	SAMPLE	73	12.351650572	0.1441953620	0.7141430	0.0000000000	1.082729e-03
##	SAMPLE	74	12.272383974	0.0292183758	0.6932455	0.0000000000	0.000000e+00
##	SAMPLE	75	0.001819321	0.0023826395	0.2999636	0.0000000000	4.157081e-02
##	SAMPLE	76	0.051948631	0.0000000000	0.0000000	0.0000000000	1.993671e-02
##	SAMPLE	77	0.000000000	0.0000000000	0.1307145	0.0000000000	1.154669e-01
##	SAMPLE	78	0.381277601	0.0494854814	0.2529379	0.0000000000	4.439289e-03
##	SAMPLE	79	12.460139380	0.0547157154	0.7098138	0.0000000000	4.393849e-01
##	SAMPLE	80	0.791836138	0.2252722525	0.6197778	0.0000000000	7.127825e-01
##	SAMPLE	81	10.613088208	0.0871680328	11.9492627	0.0000000000	1.238974e+01
##	SAMPLE	82	11.999212282	0.0491182185	0.3847588	0.0000000000	8.457913e-03
##	SAMPLE	83	0.000000000	0.0000000000	0.0000000	0.0000000000	4.846677e-01
##	SAMPLE	84	0.056841775	0.0000000000	0.0000000	0.0000000000	9.351620e-02
##	SAMPLE	85	0.000000000	0.0000000000	0.0000000	0.021005054	6.850584e-01
##	SAMPLE	86	12.288785450	0.0705368351	12.0112845	0.0000000000	8.552171e-01
##	SAMPLE	87	12.611630169	0.0853319187	0.7050685	0.0000000000	3.343523e-01
##	SAMPLE	88	12.510070543	0.0015463971	0.3445186	0.0000000000	6.851438e-01
##	SAMPLE	89	0.000000000	0.0000000000	0.0000000	0.0000000000	9.514314e-04
##	SAMPLE	90	0.789987425	0.0000000000	0.3193251	0.0000000000	1.529001e-01
##	SAMPLE	91	0.742155506	0.0190786194	0.6787177	0.0000000000	1.541577e-01
##	SAMPLE	92	1.004241716	0.0529054386	0.9979171	0.0000000000	2.207042e-03
##	SAMPLE	93	0.000000000	0.0926381779	12.8790259	0.0000000000	1.307011e+01
##	SAMPLE	94	0.516675939	0.2889990725	0.3067440	0.0000000000	1.187874e+01
##	SAMPLE	95	0.274575953	0.0000000000	0.6550307	0.0000000000	1.786776e-01
##	SAMPLE	96	0.209212196	0.0000000000	0.3238119	0.0000000000	1.305096e-01
##	SAMPLE	97	12.682751576	0.2228247201	0.6850489	0.0000000000	3.769150e-02
##	SAMPLE	98	12.254242034	0.0000000000	0.1243594	0.0000000000	0.000000e+00
##	SAMPLE	99	0.000000000	0.0138608978	0.5101013	0.0000000000	1.337434e+01
##	SAMPLE	100	12.416025624	0.0011617045	0.4400934	0.0000000000	1.503844e-03
##	SAMPLE	101	11.782225808	0.0888053292	11.7922649	0.0000000000	3.723111e-01
##	SAMPLE	102	12.333895375	0.0000000000	0.7540699	0.0000000000	4.888664e-01
##	SAMPLE	103	0.478655133	0.0000000000	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE	104	0.856929285	0.0000000000	0.1552109	0.0000000000	8.421648e-01
##	SAMPLE	105	0.838058783	0.0000000000	0.1284167	0.0000000000	3.770074e-02
##	SAMPLE	106	0.000000000	0.0000000000	13.0075781	0.0000000000	3.326884e-01
##	SAMPLE	107	0.000000000	0.0000000000	0.0000000	0.0000000000	1.443468e+01
##	SAMPLE	108	13.119954001	0.0470790532	0.6103767	0.0000000000	7.479685e-02
##	SAMPLE	109	0.188987460	0.0000000000	0.0000000	0.013594648	2.155321e-01
##	SAMPLE	110	0.008166771	0.0000000000	12.4450222	0.0000000000	1.380585e+01
##	SAMPLE	111	0.325209093	0.0000000000	0.3646290	0.0000000000	8.105106e-03
##	SAMPLE	112	0.066415651	0.2683697573	12.9809276	0.0000000000	1.286309e+01
##	SAMPLE	113	0.000000000	0.0000000000	0.0000000	0.0000000000	1.264297e+01
##	SAMPLE	114	0.000000000	0.0070143595	0.7717728	0.0000000000	0.000000e+00
##	SAMPLE	115	0.195829950	0.0000000000	0.0000000	0.034564638	6.547496e-01
##	SAMPLE	116	0.000000000	0.0000000000	0.1902411	0.0000000000	1.258793e+01
##	SAMPLE	117	0.224504585	0.0000000000	0.1734329	0.0000000000	3.118623e-01
##	SAMPLE	118	0.625663737	0.0000000000	0.0000000	0.0000000000	7.457316e-02
##	SAMPLE	119	0.475215287	0.0000000000	0.0000000	0.109268834	0.000000e+00
##	SAMPLE	120	0.796924066	0.2126337071	0.6039989	0.0000000000	1.288634e+01
##	SAMPLE	121	12.113777865	0.0192345626	0.4410229	0.0000000000	1.208440e+01
##			OTU 148	OTU 150	OTU 152	OTU 154	OTU 156

##	SAMPLE 1	0.000000e+00	0.792921490	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 2	0.000000e+00	9.470967397	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 3	6.241396e-02	0.660726543	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 4	2.208910e-01	12.486560199	0.001413842	0.000000e+00	0.000000000
##	SAMPLE 5	0.000000e+00	11.964608000	0.265479941	0.000000e+00	0.000000000
##	SAMPLE 6	1.274722e-02	0.272208428	0.137738923	0.000000e+00	0.000000000
##	SAMPLE 7	1.231002e-01	10.112210206	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 8	3.986095e-04	0.232669524	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 9	1.081993e-02	12.271819626	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 10	4.020867e-01	0.563649154	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 11	4.005694e-01	0.000000000	0.330657262	0.000000e+00	0.000000000
##	SAMPLE 12	0.000000e+00	13.303597875	0.000000000	3.189006e-03	0.000000000
##	SAMPLE 13	1.895145e-01	12.053966077	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 14	0.000000e+00	12.871977965	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 15	0.000000e+00	11.886634453	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 16	0.000000e+00	0.000000000	0.054922288	0.000000e+00	0.000000000
##	SAMPLE 17	5.714075e-01	0.000000000	12.323762417	0.000000e+00	0.000000000
##	SAMPLE 18	7.344764e-01	0.000000000	11.507592547	0.000000e+00	0.000000000
##	SAMPLE 19	0.000000e+00	0.000000000	0.001115757	0.000000e+00	0.000000000
##	SAMPLE 20	0.000000e+00	11.798115565	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 21	0.000000e+00	13.037722292	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 22	6.174209e-02	0.656430115	9.311400380	0.000000e+00	0.000000000
##	SAMPLE 23	6.775088e-01	13.266845019	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 24	0.000000e+00	12.668218804	0.000000000	5.762199e-04	0.000000000
##	SAMPLE 25	0.000000e+00	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 26	1.428751e-01	0.271534203	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 27	0.000000e+00	0.606045625	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 28	0.000000e+00	12.421581844	0.000000000	2.348606e-02	0.02115177
##	SAMPLE 29	2.933499e-02	0.000000000	0.037416056	0.000000e+00	0.000000000
##	SAMPLE 30	0.000000e+00	0.236570721	13.586162964	9.115752e-03	0.000000000
##	SAMPLE 31	0.000000e+00	11.972702231	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 32	2.433762e-01	0.516052141	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 33	0.000000e+00	0.366358263	0.156523630	0.000000e+00	0.000000000
##	SAMPLE 34	0.000000e+00	0.000000000	12.816400048	0.000000e+00	0.000000000
##	SAMPLE 35	0.000000e+00	0.225226407	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 36	0.000000e+00	0.304183401	0.385387669	0.000000e+00	0.000000000
##	SAMPLE 37	1.148503e-01	0.402224064	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 38	0.000000e+00	11.844043116	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 39	5.526196e-01	0.242524232	0.000000000	3.796615e-01	0.000000000
##	SAMPLE 40	0.000000e+00	0.294469845	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 41	4.355772e-01	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 42	0.000000e+00	0.582715830	0.052103116	2.389947e-02	0.000000000
##	SAMPLE 43	1.759209e-02	0.224113136	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 44	1.245323e+01	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 45	0.000000e+00	13.414944535	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 46	1.025931e-02	0.399988592	0.385221674	1.227272e+01	0.000000000
##	SAMPLE 47	1.867686e-02	0.550956632	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 48	0.000000e+00	12.652814961	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 49	7.267664e-02	12.507093815	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 50	1.819659e-02	0.000000000	0.405474706	0.000000e+00	0.000000000
##	SAMPLE 51	6.061700e-03	0.149126189	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 52	0.000000e+00	0.006878627	11.758377374	0.000000e+00	0.000000000
##	SAMPLE 53	4.803719e-02	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 54	3.295559e-03	0.000000000	11.947218549	0.000000e+00	0.000000000
##	SAMPLE 55	5.277411e-02	13.202622346	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 56	0.000000e+00	0.000000000	0.000000000	0.000000e+00	0.000000000

##	SAMPLE	57	0.000000e+00	0.000000000	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	58	0.000000e+00	10.226471528	0.382708815	0.000000e+00	0.00000000
##	SAMPLE	59	7.299791e-01	0.400348335	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	60	0.000000e+00	13.227254081	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	61	0.000000e+00	0.544125525	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	62	1.181352e-01	0.000000000	0.077150598	0.000000e+00	0.00000000
##	SAMPLE	63	0.000000e+00	0.000000000	0.430334845	0.000000e+00	0.00000000
##	SAMPLE	64	0.000000e+00	12.463260202	12.073025974	0.000000e+00	0.00000000
##	SAMPLE	65	0.000000e+00	0.000000000	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	66	1.731253e-01	0.693215427	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	67	6.044590e-02	0.010207624	0.070026550	0.000000e+00	0.00000000
##	SAMPLE	68	1.262729e+01	0.034347514	12.218048904	0.000000e+00	0.00000000
##	SAMPLE	69	0.000000e+00	13.476915099	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	70	1.085387e-01	11.874481649	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	71	4.726571e-02	12.403000779	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	72	0.000000e+00	0.302132777	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	73	0.000000e+00	12.204901605	0.000000000	9.583405e-03	0.00000000
##	SAMPLE	74	0.000000e+00	11.879430193	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	75	0.000000e+00	0.307155203	0.000000000	6.943159e-01	0.00000000
##	SAMPLE	76	0.000000e+00	0.063445108	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	77	0.000000e+00	0.000000000	0.190507411	0.000000e+00	0.00000000
##	SAMPLE	78	0.000000e+00	9.998208733	0.000000000	5.211953e-01	0.00000000
##	SAMPLE	79	0.000000e+00	12.085335525	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	80	0.000000e+00	12.855799313	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	81	0.000000e+00	0.644579881	0.000000000	8.900216e-02	0.00000000
##	SAMPLE	82	0.000000e+00	12.443631920	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	83	0.000000e+00	0.000000000	0.442735976	0.000000e+00	0.00000000
##	SAMPLE	84	4.658544e-02	0.196264073	0.107651985	0.000000e+00	0.00000000
##	SAMPLE	85	0.000000e+00	12.248094506	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	86	0.000000e+00	12.573456378	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	87	0.000000e+00	0.000000000	0.249195874	0.000000e+00	0.00000000
##	SAMPLE	88	3.252140e-03	11.933511901	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	89	0.000000e+00	13.250928083	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	90	0.000000e+00	0.282167857	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	91	0.000000e+00	0.532371700	0.321174509	0.000000e+00	0.00000000
##	SAMPLE	92	0.000000e+00	13.369094494	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	93	0.000000e+00	0.000000000	12.393414644	0.000000e+00	0.00000000
##	SAMPLE	94	3.547860e-02	11.344489632	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	95	0.000000e+00	0.049839068	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	96	0.000000e+00	12.698555385	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	97	2.128935e-02	11.810932655	13.120460123	0.000000e+00	0.00000000
##	SAMPLE	98	0.000000e+00	0.000000000	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	99	0.000000e+00	0.000000000	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	100	0.000000e+00	12.699133761	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	101	0.000000e+00	0.776279793	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	102	5.138359e-02	11.937113373	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	103	0.000000e+00	0.000000000	0.422922197	0.000000e+00	0.00000000
##	SAMPLE	104	0.000000e+00	0.393311216	0.028583841	0.000000e+00	0.00000000
##	SAMPLE	105	0.000000e+00	0.010718295	0.190951975	0.000000e+00	0.00000000
##	SAMPLE	106	0.000000e+00	12.560533593	0.000000000	2.208519e-02	0.00000000
##	SAMPLE	107	0.000000e+00	0.083965328	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	108	4.452494e-01	0.885086065	0.452961072	0.000000e+00	0.00000000
##	SAMPLE	109	5.734426e-02	0.280920320	0.000000000	2.677560e-01	0.00000000
##	SAMPLE	110	0.000000e+00	0.524461534	0.000000000	0.000000e+00	0.00000000
##	SAMPLE	111	0.000000e+00	0.240941703	0.012336589	0.000000e+00	0.00000000
##	SAMPLE	112	0.000000e+00	12.572995666	0.000000000	4.500068e-01	0.00000000

##	SAMPLE	113	3.871325e-02	0.000000000	10.096015669	0.000000e+00	0.000000000
##	SAMPLE	114	0.000000e+00	0.165919126	0.171118655	0.000000e+00	0.000000000
##	SAMPLE	115	0.000000e+00	0.226510736	0.106847618	0.000000e+00	0.000000000
##	SAMPLE	116	0.000000e+00	0.526243258	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	117	0.000000e+00	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	118	0.000000e+00	0.055078905	0.075907336	0.000000e+00	0.000000000
##	SAMPLE	119	5.707656e-02	0.052479006	11.289087693	0.000000e+00	0.000000000
##	SAMPLE	120	0.000000e+00	10.424126124	13.057703012	0.000000e+00	0.000000000
##	SAMPLE	121	0.000000e+00	0.312301347	0.000000000	0.000000e+00	0.000000000
##			OTU 158	OTU 160	OTU 164	OTU 166	OTU 168
##	SAMPLE	1	0.000000000	0.000000000	0.0008733434	0.000000000	0.000000e+00
##	SAMPLE	2	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	3	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	4	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	5	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	6	0.000000000	0.000000000	0.000000000	0.000000000	6.804150e-03
##	SAMPLE	7	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	8	0.000000000	0.000000000	0.000000000	0.000000000	1.652270e-01
##	SAMPLE	9	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	10	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	11	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	12	0.413506557	0.000000000	0.000000000	0.105062095	2.583625e-01
##	SAMPLE	13	0.000000000	0.000000000	0.000000000	0.000000000	1.742899e-04
##	SAMPLE	14	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	15	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	16	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	17	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	18	0.000000000	0.000000000	0.0024083219	0.000000000	0.000000e+00
##	SAMPLE	19	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	20	0.000000000	0.000000000	0.000000000	0.310463368	1.251591e-01
##	SAMPLE	21	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	22	0.000000000	0.000000000	0.000000000	0.037078555	5.366356e-02
##	SAMPLE	23	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	24	0.005481702	0.000000000	0.000000000	0.143313766	1.353215e-01
##	SAMPLE	25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	26	0.000000000	0.000000000	0.000000000	0.406922003	4.115018e-01
##	SAMPLE	27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	28	0.011685064	0.000000000	0.000000000	0.228012964	2.226706e-01
##	SAMPLE	29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	30	0.000000000	0.0009508041	0.000000000	0.031080969	4.853459e-02
##	SAMPLE	31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	32	0.000000000	0.000000000	0.000000000	0.157911166	4.473804e-01
##	SAMPLE	33	0.000000000	0.000000000	0.000000000	0.168533370	1.247959e-01
##	SAMPLE	34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	38	0.000000000	0.000000000	0.000000000	0.216765098	3.218219e-01
##	SAMPLE	39	0.000000000	0.0984952460	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	40	0.000000000	0.000000000	0.000000000	0.103475087	1.727415e-01
##	SAMPLE	41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	42	0.000000000	0.0024590119	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	44	0.000000000	0.000000000	0.000000000	0.347027431	3.424616e-01
##	SAMPLE	45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	46	0.565228388	0.2253114111	0.000000000	0.067567999	8.308036e-02

##	SAMPLE	47	0.000000000	0.000000000	0.000000000	0.121035775	1.209313e-01
##	SAMPLE	48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	49	0.008908893	0.000000000	0.000000000	0.305266181	1.123597e+01
##	SAMPLE	50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	51	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	52	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	53	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	54	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	55	0.000000000	0.000000000	0.000000000	0.133354606	1.177674e-01
##	SAMPLE	56	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	57	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	58	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	59	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	60	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	61	0.000000000	0.000000000	0.000000000	0.228896915	2.117883e-01
##	SAMPLE	62	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	63	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	64	0.000000000	0.000000000	0.000000000	0.078287977	1.579644e-01
##	SAMPLE	65	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	66	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	67	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	68	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	69	0.411906120	0.000000000	0.000000000	0.314795015	4.377717e-01
##	SAMPLE	70	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	71	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	72	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	73	0.003424629	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	74	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	75	0.000000000	0.0116408652	0.000000000	0.053845260	4.504098e-02
##	SAMPLE	76	0.000000000	0.000000000	0.000000000	0.010198636	1.141036e-02
##	SAMPLE	77	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	78	0.000000000	0.000000000	0.000000000	0.144982014	1.230322e-01
##	SAMPLE	79	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	80	0.000000000	0.000000000	0.000000000	0.782933054	3.368951e-01
##	SAMPLE	81	0.000000000	0.0022810944	0.000000000	0.002650168	2.804714e-02
##	SAMPLE	82	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	83	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	84	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	85	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	86	0.000000000	0.000000000	0.0026454854	0.000000000	3.721538e-01
##	SAMPLE	87	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	88	0.000000000	0.000000000	0.000000000	0.154695387	2.107502e-01
##	SAMPLE	89	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	90	0.000000000	0.000000000	0.000000000	0.267032872	3.019864e-01
##	SAMPLE	91	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	92	0.000000000	0.000000000	0.000000000	0.258600812	2.237083e-01
##	SAMPLE	93	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	94	0.000000000	0.000000000	0.000000000	0.152760755	1.543372e-01
##	SAMPLE	95	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	96	0.000000000	0.000000000	0.000000000	0.058974906	1.059038e-01
##	SAMPLE	97	0.000000000	0.000000000	0.000000000	0.293703788	2.368664e-01
##	SAMPLE	98	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	99	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	100	0.000000000	0.000000000	0.000000000	0.056920540	4.961782e-02
##	SAMPLE	101	0.000000000	0.000000000	0.000000000	0.231665650	2.539876e-01
##	SAMPLE	102	0.000000000	0.000000000	0.000000000	0.323171236	1.441491e-01

##	SAMPLE	103	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	104	0.000000000	0.000000000	0.000000000	0.355195643	9.261882e+00
##	SAMPLE	105	0.000000000	0.000000000	0.000000000	0.000000000	9.390730e-04
##	SAMPLE	106	0.172045245	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	107	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	108	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	109	0.006765506	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	110	0.000000000	0.000000000	0.000000000	0.011614541	5.548510e-02
##	SAMPLE	111	0.000000000	0.000000000	0.000000000	0.317753447	3.454200e-01
##	SAMPLE	112	0.181544523	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	113	0.000000000	0.000000000	0.000000000	0.803149126	1.159083e+01
##	SAMPLE	114	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	115	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	116	0.000000000	0.000000000	0.000000000	0.318821314	4.177857e-01
##	SAMPLE	117	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	118	0.000000000	0.000000000	0.000000000	0.102223712	3.139788e-01
##	SAMPLE	119	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	120	0.000000000	0.000000000	0.000000000	0.021754550	4.667311e-02
##	SAMPLE	121	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##			OTU 169	OTU 172	OTU 174	OTU 176	OTU 178
##	SAMPLE	1	0.000000000	0.007825229	0.000000e+00	0.0036704976	0.000000000
##	SAMPLE	2	0.000000000	0.000000000	1.564789e+01	0.000000000	0.000000000
##	SAMPLE	3	0.000000000	0.000000000	1.372179e+01	0.000000000	0.000000000
##	SAMPLE	4	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	5	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	6	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	7	0.000000000	0.000000000	5.158592e-01	0.000000000	0.000000000
##	SAMPLE	8	9.997727962	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	9	0.000000000	0.000000000	8.428414e-02	0.000000000	0.000000000
##	SAMPLE	10	0.000000000	0.009914612	0.000000e+00	0.0046431614	0.000000000
##	SAMPLE	11	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	12	0.015311058	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	13	0.000000000	0.000000000	6.561090e-02	0.000000000	0.000000000
##	SAMPLE	14	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	15	0.000000000	12.959743042	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	16	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	17	0.000000000	0.000000000	1.119328e-02	0.000000000	0.000000000
##	SAMPLE	18	0.000000000	0.000000000	5.118413e-04	0.000000000	0.000000000
##	SAMPLE	19	0.000000000	0.000000000	1.801758e-03	0.000000000	0.000000000
##	SAMPLE	20	0.050016315	0.000000000	1.338784e+01	0.000000000	0.000000000
##	SAMPLE	21	0.000000000	0.000000000	1.420292e+01	0.0007694853	0.000000000
##	SAMPLE	22	0.011979607	0.000000000	1.402862e+01	0.0075769409	0.803580472
##	SAMPLE	23	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	24	0.002527279	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	25	0.000000000	0.000000000	7.459486e-03	0.000000000	0.000000000
##	SAMPLE	26	0.023534947	0.000000000	1.353130e+01	0.000000000	0.560192851
##	SAMPLE	27	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	28	0.009038610	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	29	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	30	0.005262431	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	31	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	32	0.009686075	0.000000000	1.434860e+01	0.000000000	0.000000000
##	SAMPLE	33	0.010424477	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	34	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	35	0.000000000	0.000000000	1.358521e-03	0.000000000	0.000000000
##	SAMPLE	36	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000

##	SAMPLE	37	0.000000000	0.000000000	1.502066e+01	0.0000000000	0.000000000
##	SAMPLE	38	0.042109459	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	39	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	40	0.032252776	0.000000000	1.200609e+01	0.0000000000	0.000000000
##	SAMPLE	41	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	42	0.000000000	0.000000000	1.355969e+01	0.0000000000	0.000000000
##	SAMPLE	43	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	44	0.015383971	0.000000000	3.114063e-01	0.0000000000	0.000000000
##	SAMPLE	45	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	46	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	47	0.029678881	0.000000000	1.473103e+01	0.0000000000	0.000000000
##	SAMPLE	48	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	49	0.063944617	0.000000000	8.410907e-04	0.0000000000	0.000000000
##	SAMPLE	50	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	51	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	52	0.000000000	0.000000000	4.508924e-02	0.0000000000	0.000000000
##	SAMPLE	53	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	54	0.000000000	0.000000000	1.493621e-02	0.0000000000	0.000000000
##	SAMPLE	55	0.051195456	0.000000000	0.000000e+00	0.0000000000	0.287655803
##	SAMPLE	56	0.000000000	0.000000000	9.540233e-03	0.0000000000	0.000000000
##	SAMPLE	57	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	58	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	59	0.000000000	0.000000000	6.160553e-01	0.0000000000	0.000000000
##	SAMPLE	60	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	61	0.004602696	0.000000000	1.517679e+01	0.0000000000	12.037882052
##	SAMPLE	62	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	63	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	64	0.006651245	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	65	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	66	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	67	0.000000000	0.000000000	2.582491e-03	0.0000000000	0.000000000
##	SAMPLE	68	0.000000000	0.000000000	7.500105e-03	0.0000000000	0.000000000
##	SAMPLE	69	0.152122544	0.000000000	1.247550e+01	0.0000000000	0.000000000
##	SAMPLE	70	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	71	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	72	0.000000000	0.000000000	1.447862e+01	0.0000000000	0.000000000
##	SAMPLE	73	0.000000000	0.000000000	1.031808e+01	0.0000000000	0.000000000
##	SAMPLE	74	0.000000000	0.000000000	4.628743e-02	0.0000000000	0.000000000
##	SAMPLE	75	0.000000000	0.000000000	1.243167e+01	0.0624871727	0.000000000
##	SAMPLE	76	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	77	0.000000000	0.000000000	1.490666e-03	0.0000000000	0.000000000
##	SAMPLE	78	0.033052507	0.009966982	1.415415e+01	0.0000000000	0.001254422
##	SAMPLE	79	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	80	0.119041329	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	81	0.175597514	0.000000000	1.406627e+01	0.0000000000	0.000000000
##	SAMPLE	82	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	83	0.000000000	0.000144292	1.574084e-04	0.0000000000	0.000000000
##	SAMPLE	84	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.563923090
##	SAMPLE	85	0.000000000	0.000000000	1.085313e-01	0.0000000000	0.000000000
##	SAMPLE	86	10.259176121	0.000000000	4.441244e-02	0.0000000000	0.000000000
##	SAMPLE	87	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	88	0.012391024	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	89	0.000000000	0.000000000	2.192899e-01	0.0000000000	0.000000000
##	SAMPLE	90	0.002292492	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE	91	0.000000000	0.000000000	1.429589e+01	0.0000000000	13.506224326
##	SAMPLE	92	0.005358144	0.000000000	1.457917e+01	0.0000000000	0.000000000

##	SAMPLE 93	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 94	0.023607938	0.000000000	1.458734e+01	0.0000000000	0.006669331
##	SAMPLE 95	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 96	0.012504561	0.000000000	8.756856e-03	0.0000000000	0.000000000
##	SAMPLE 97	0.038125877	0.000000000	1.269689e+01	0.0000000000	0.000000000
##	SAMPLE 98	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 99	0.000000000	0.000000000	4.602654e-03	0.0000000000	0.000000000
##	SAMPLE 100	0.003285965	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 101	0.018813326	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 102	0.120903708	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 103	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 104	0.080490526	0.000000000	1.325130e+01	0.0000000000	0.000000000
##	SAMPLE 105	0.000000000	0.000000000	3.517521e-02	0.0000000000	0.000000000
##	SAMPLE 106	0.000000000	0.000000000	1.533046e+01	0.0000000000	12.446623984
##	SAMPLE 107	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 108	0.000000000	0.000000000	8.506730e-01	0.0000000000	0.000000000
##	SAMPLE 109	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 110	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 111	0.009147065	0.000000000	1.384650e+01	0.0000000000	0.000000000
##	SAMPLE 112	0.000000000	0.000000000	1.342170e+01	0.0000000000	0.000000000
##	SAMPLE 113	0.198451634	0.000000000	4.984628e-01	0.0000000000	0.000000000
##	SAMPLE 114	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 115	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 116	0.065987955	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 117	0.000000000	0.000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 118	0.005226321	0.000000000	1.533277e+01	0.0000000000	0.000000000
##	SAMPLE 119	0.000000000	0.000000000	0.000000e+00	0.0000000000	14.450544625
##	SAMPLE 120	0.000000000	0.000000000	1.293422e+01	0.0000000000	0.000000000
##	SAMPLE 121	0.000000000	0.000000000	1.446871e+01	0.0000000000	0.000000000
##		OTU 180	OTU 184	OTU 186	OTU 188	OTU 190
##	SAMPLE 1	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	1.392085e+01
##	SAMPLE 2	0.0000000000	3.971391e-02	0.000000e+00	3.226916e-03	1.165968e+01
##	SAMPLE 3	0.0000000000	0.000000e+00	1.173892e-01	7.385384e-03	3.609441e-03
##	SAMPLE 4	0.0000000000	4.472521e-03	0.000000e+00	2.694586e-01	1.251441e+01
##	SAMPLE 5	0.0000000000	4.641385e-02	3.363314e-03	1.266407e-01	1.273016e+01
##	SAMPLE 6	0.0000000000	2.219068e-01	1.642443e-01	1.463194e-01	3.487496e-01
##	SAMPLE 7	0.0000000000	5.504715e-01	2.865191e-01	4.379220e-01	1.326549e+01
##	SAMPLE 8	0.0000000000	2.443414e-01	1.018887e-01	1.741550e-02	1.215012e+01
##	SAMPLE 9	0.0000000000	1.215086e-01	0.000000e+00	3.035203e-01	1.286280e+01
##	SAMPLE 10	0.0009649829	1.205548e+01	3.719949e-02	3.103844e-01	1.251604e+01
##	SAMPLE 11	0.0000000000	7.036878e-03	6.602193e-03	0.000000e+00	1.214960e+01
##	SAMPLE 12	0.0000000000	2.056267e-01	7.184787e-02	1.277115e+01	1.279416e+01
##	SAMPLE 13	0.0000000000	1.959998e-02	0.000000e+00	7.537654e-03	1.206726e+01
##	SAMPLE 14	0.0000000000	2.191861e-01	0.000000e+00	5.264141e-01	1.279074e+01
##	SAMPLE 15	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE 16	0.0000000000	0.000000e+00	3.428566e-02	0.000000e+00	4.913638e-02
##	SAMPLE 17	0.0000000000	0.000000e+00	3.986646e-02	1.058779e-02	7.013521e-01
##	SAMPLE 18	0.0000000000	7.765773e-01	0.000000e+00	1.273357e+01	1.093002e+01
##	SAMPLE 19	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE 20	0.0000000000	1.186455e-01	1.838787e-01	1.225844e+01	0.000000e+00
##	SAMPLE 21	0.0000000000	8.529847e-02	0.000000e+00	3.297122e-01	3.552900e-02
##	SAMPLE 22	0.0000000000	6.849688e-01	7.187125e-02	1.287822e+01	3.648335e-01
##	SAMPLE 23	0.0000000000	1.021889e-01	1.059781e-01	8.567571e+00	1.307020e+01
##	SAMPLE 24	0.0000000000	2.264757e-01	0.000000e+00	1.488870e-02	4.258516e-01
##	SAMPLE 25	0.0000000000	1.576572e-01	0.000000e+00	5.830227e-01	1.223358e+01
##	SAMPLE 26	0.0000000000	2.163461e-01	2.958925e-02	1.975973e-01	2.045312e-01

##	SAMPLE	27	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	1.229815e+01
##	SAMPLE	28	0.0000000000	3.862933e-02	0.000000e+00	4.300943e-01	0.000000e+00
##	SAMPLE	29	0.0000000000	0.000000e+00	5.916888e-04	0.000000e+00	1.878051e-01
##	SAMPLE	30	0.0000000000	5.768654e-01	0.000000e+00	0.000000e+00	1.330622e+01
##	SAMPLE	31	0.0000000000	6.891436e-02	0.000000e+00	1.278926e+01	3.864198e-02
##	SAMPLE	32	0.0000000000	3.831125e-02	0.000000e+00	3.087768e-01	1.380681e+01
##	SAMPLE	33	0.0000000000	0.000000e+00	0.000000e+00	1.952351e-02	7.031744e-01
##	SAMPLE	34	0.0000000000	2.293705e-01	7.149724e-03	4.297026e-01	9.610734e-01
##	SAMPLE	35	0.0000000000	0.000000e+00	0.000000e+00	2.142456e-02	2.511348e-01
##	SAMPLE	36	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	5.813927e-01
##	SAMPLE	37	0.0000000000	3.440031e-03	0.000000e+00	2.967828e-02	1.245239e+01
##	SAMPLE	38	0.0000000000	5.203345e-02	0.000000e+00	4.597341e-01	1.223822e+01
##	SAMPLE	39	0.0000000000	2.427227e-02	2.480438e-02	1.796304e-01	5.520512e-01
##	SAMPLE	40	0.0000000000	5.878197e-03	0.000000e+00	1.144340e-03	3.420462e-01
##	SAMPLE	41	0.0000000000	3.250266e-01	5.609623e-03	0.000000e+00	1.265942e+01
##	SAMPLE	42	0.0000000000	0.000000e+00	2.459012e-03	0.000000e+00	1.186810e+01
##	SAMPLE	43	0.0000000000	5.716855e-02	0.000000e+00	0.000000e+00	2.656483e-01
##	SAMPLE	44	0.0000000000	5.403105e-01	1.297952e+01	0.000000e+00	0.000000e+00
##	SAMPLE	45	0.0000000000	0.000000e+00	1.840953e-02	0.000000e+00	1.293292e+01
##	SAMPLE	46	0.0000000000	1.274773e-01	7.971618e-02	2.631592e-02	1.292969e+01
##	SAMPLE	47	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	48	0.0000000000	4.698302e-04	0.000000e+00	1.611740e-03	1.312482e+01
##	SAMPLE	49	0.0000000000	0.000000e+00	2.058257e-01	6.437983e-01	1.366535e+01
##	SAMPLE	50	0.0000000000	1.206126e+01	8.678970e-02	5.506140e-01	1.307740e+01
##	SAMPLE	51	0.0000000000	2.791195e-02	0.000000e+00	6.880804e-03	2.365962e-01
##	SAMPLE	52	0.0000000000	1.082651e-02	1.243707e-02	2.767545e-02	1.354242e+01
##	SAMPLE	53	0.0000000000	0.000000e+00	1.469220e-02	0.000000e+00	4.066143e-01
##	SAMPLE	54	0.0000000000	8.175648e-02	1.548000e-02	4.664771e-02	8.364909e-02
##	SAMPLE	55	0.0000000000	0.000000e+00	1.804093e-01	0.000000e+00	5.942292e-01
##	SAMPLE	56	0.0000000000	3.284928e-01	4.824642e-01	1.333875e+01	1.187403e+01
##	SAMPLE	57	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	58	0.0000000000	0.000000e+00	6.046942e-02	5.408475e-01	1.295166e+01
##	SAMPLE	59	0.0000000000	9.459260e-02	0.000000e+00	3.090638e-01	5.360369e-01
##	SAMPLE	60	0.0000000000	9.330857e-02	3.617403e-02	2.066069e-01	1.265590e+01
##	SAMPLE	61	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	5.441025e-03
##	SAMPLE	62	0.0000000000	2.767690e-03	1.539655e-02	0.000000e+00	9.072925e-04
##	SAMPLE	63	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	64	0.0000000000	9.773994e-02	2.079079e-01	1.283371e+01	1.022437e+01
##	SAMPLE	65	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	66	0.0000000000	1.158373e-01	8.220012e-02	6.240435e-01	1.266108e+01
##	SAMPLE	67	0.0000000000	3.930598e-02	3.646867e-03	6.104248e-02	7.283135e-01
##	SAMPLE	68	0.0000000000	0.000000e+00	1.709201e-01	2.975409e-01	1.358626e+01
##	SAMPLE	69	0.0000000000	1.183427e+01	1.188607e+01	1.233609e+01	1.261971e+01
##	SAMPLE	70	0.0000000000	5.713540e-01	4.589564e-02	1.337392e+01	0.000000e+00
##	SAMPLE	71	0.0000000000	9.096892e-02	0.000000e+00	2.284947e-01	8.572692e-04
##	SAMPLE	72	0.0000000000	1.161999e-01	2.671009e-02	1.996854e-01	1.213869e+01
##	SAMPLE	73	0.0000000000	1.211511e+01	0.000000e+00	7.255987e-01	1.293729e+01
##	SAMPLE	74	0.0000000000	1.850560e-01	0.000000e+00	2.237018e-01	1.263136e+01
##	SAMPLE	75	0.0000000000	5.730755e-02	2.879004e-02	4.487729e-03	1.778789e-01
##	SAMPLE	76	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	3.365459e-02
##	SAMPLE	77	0.0000000000	7.668100e-03	3.324118e-03	3.342530e-01	0.000000e+00
##	SAMPLE	78	0.0000000000	0.000000e+00	0.000000e+00	2.982231e-04	5.981673e-02
##	SAMPLE	79	0.0000000000	2.141934e-01	2.351138e-04	1.555311e-01	1.285262e+01
##	SAMPLE	80	0.0000000000	1.277964e-02	7.940010e-02	3.261066e-01	1.338166e+01
##	SAMPLE	81	0.0000000000	0.000000e+00	7.828876e-02	0.000000e+00	1.280816e+01
##	SAMPLE	82	0.0000000000	1.193355e-02	0.000000e+00	3.857489e-02	7.661628e-01

##	SAMPLE	83	0.0000000000	6.415159e-01	5.860634e-02	1.125500e-01	1.107255e+01
##	SAMPLE	84	0.0000000000	0.000000e+00	9.901802e-02	0.000000e+00	1.952988e-01
##	SAMPLE	85	0.0000000000	5.452722e-03	0.000000e+00	2.935013e-01	4.108419e-02
##	SAMPLE	86	0.0000000000	0.000000e+00	0.000000e+00	6.544748e-01	4.733591e-02
##	SAMPLE	87	0.0000000000	1.945322e-01	7.098935e-02	1.293297e+01	1.320046e+01
##	SAMPLE	88	0.0000000000	6.194199e-02	4.619613e-03	5.681141e-01	1.396762e-02
##	SAMPLE	89	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00	1.208008e+01
##	SAMPLE	90	0.0000000000	5.688043e-03	3.924865e-03	0.000000e+00	4.755206e-01
##	SAMPLE	91	0.0000000000	2.739313e-02	0.000000e+00	2.323731e-02	4.107182e-01
##	SAMPLE	92	0.0000000000	0.000000e+00	0.000000e+00	1.227207e-01	1.285479e+01
##	SAMPLE	93	0.0051123585	2.819825e-04	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	94	0.0000000000	2.891023e-04	0.000000e+00	4.920436e-02	6.915061e-02
##	SAMPLE	95	0.0000000000	0.000000e+00	9.878271e-02	0.000000e+00	1.211270e+01
##	SAMPLE	96	0.0000000000	1.795332e-01	0.000000e+00	2.219811e-01	1.340222e+01
##	SAMPLE	97	0.0000000000	1.729093e-01	0.000000e+00	6.691273e-02	6.715856e-01
##	SAMPLE	98	0.0000000000	1.440371e-01	0.000000e+00	0.000000e+00	1.256459e+01
##	SAMPLE	99	0.0000000000	0.000000e+00	2.189693e-02	0.000000e+00	0.000000e+00
##	SAMPLE	100	0.0000000000	5.323814e-02	5.747520e-02	4.159775e-01	3.104635e-01
##	SAMPLE	101	0.0000000000	1.167838e-03	0.000000e+00	0.000000e+00	1.246030e+01
##	SAMPLE	102	0.0000000000	6.857709e-02	0.000000e+00	0.000000e+00	3.799261e-01
##	SAMPLE	103	0.0000000000	0.000000e+00	6.406504e-02	0.000000e+00	1.174201e+01
##	SAMPLE	104	0.0000000000	6.597429e-02	3.240889e-02	6.935101e-02	1.360774e+01
##	SAMPLE	105	0.0000000000	1.235382e+01	1.379858e-01	1.292975e+01	1.373616e+01
##	SAMPLE	106	0.0000000000	1.770459e-02	0.000000e+00	5.003064e-02	4.381066e-02
##	SAMPLE	107	0.0000000000	0.000000e+00	9.391043e-02	0.000000e+00	0.000000e+00
##	SAMPLE	108	0.0000000000	0.000000e+00	8.510417e-03	9.395840e-02	2.514547e-01
##	SAMPLE	109	0.0000000000	1.228574e+01	7.273620e-01	1.450614e+01	1.269738e+01
##	SAMPLE	110	0.0000000000	7.851116e-01	4.712049e-01	1.044272e+01	1.393370e+01
##	SAMPLE	111	0.0000000000	0.000000e+00	0.000000e+00	2.522937e-02	1.213630e+01
##	SAMPLE	112	0.0000000000	9.047108e-02	9.992572e-03	6.577597e-01	1.366101e+01
##	SAMPLE	113	0.0000000000	2.283708e-01	0.000000e+00	2.517397e-01	0.000000e+00
##	SAMPLE	114	0.0000000000	0.000000e+00	0.000000e+00	7.319262e-02	5.702935e-01
##	SAMPLE	115	0.0000000000	0.000000e+00	0.000000e+00	4.946870e-02	0.000000e+00
##	SAMPLE	116	0.0000000000	5.418915e-01	0.000000e+00	0.000000e+00	7.814872e-02
##	SAMPLE	117	0.0000000000	1.091434e-02	1.480373e-02	4.180805e-02	1.901251e-01
##	SAMPLE	118	0.0000000000	2.432440e-01	8.249908e-02	8.383323e-02	1.170123e+01
##	SAMPLE	119	0.0000000000	4.358396e-03	0.000000e+00	0.000000e+00	3.228074e-01
##	SAMPLE	120	0.0000000000	1.601754e-02	4.454554e-02	0.000000e+00	1.301607e+01
##	SAMPLE	121	0.0000000000	5.685524e-02	0.000000e+00	4.567415e-01	1.213857e+01
##			OTU 192	OTU 194	OTU 196	OTU 198	OTU 204
##	SAMPLE	1	0.0000000000	12.071975189	0.0000000	0.000000000	5.924379e-04
##	SAMPLE	2	0.0000000000	0.000000000	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	3	0.0005809681	0.383414222	0.0000000	0.000000000	1.031666e-02
##	SAMPLE	4	0.0632511082	11.884460658	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	5	0.0368579840	0.106650064	0.0000000	0.000000000	2.799172e-03
##	SAMPLE	6	0.0076104425	0.100615600	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	7	0.0093074022	0.446896902	0.3043631	0.000000000	0.000000e+00
##	SAMPLE	8	0.0754190640	0.517052231	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	9	0.0016033785	0.260512154	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	10	0.1022160687	0.341916051	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	11	0.0057557773	0.130792848	0.0000000	0.000000000	1.352875e-02
##	SAMPLE	12	0.0584199382	0.000000000	0.0000000	0.000000000	4.185217e-03
##	SAMPLE	13	0.0878874796	0.265694676	0.4114108	0.463655004	0.000000e+00
##	SAMPLE	14	0.0125808607	0.252554545	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	15	0.0000000000	0.013503071	0.0000000	0.022143526	0.000000e+00
##	SAMPLE	16	0.0000000000	0.012224196	0.0000000	0.284781846	2.876210e-03

##	SAMPLE	17	0.0031915138	0.389896530	0.0000000	0.000000000	8.634278e-03
##	SAMPLE	18	0.0754611226	0.000000000	0.0000000	0.000000000	2.643520e-02
##	SAMPLE	19	0.0000000000	0.000000000	0.0000000	0.000000000	9.201404e-03
##	SAMPLE	20	0.1110625323	0.001915161	0.0000000	0.000000000	1.120933e-02
##	SAMPLE	21	0.0009377313	0.344300911	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	22	0.3199065761	0.749681456	0.0000000	0.000000000	7.127724e-03
##	SAMPLE	23	0.0000000000	0.385925946	0.2167073	0.000000000	2.484049e-03
##	SAMPLE	24	0.0222438703	0.104694084	0.0000000	0.000000000	5.146093e-03
##	SAMPLE	25	0.0009518886	0.050725421	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	26	0.0279783506	0.749118978	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	27	0.0055832380	0.272169687	0.0000000	0.000000000	5.812306e-03
##	SAMPLE	28	0.0158870344	0.096171651	0.0000000	0.000000000	1.208524e-04
##	SAMPLE	29	0.0001259206	0.016845075	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	30	0.0000000000	0.000000000	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	31	0.0000000000	0.000000000	0.0000000	12.856091135	0.000000e+00
##	SAMPLE	32	0.0197430171	0.580322423	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	33	0.0000000000	0.034918591	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	34	0.0000000000	0.004140425	0.0000000	0.000000000	1.745964e-02
##	SAMPLE	35	0.0000000000	0.037426798	0.0000000	0.000000000	2.481541e-02
##	SAMPLE	36	0.0000000000	0.077891165	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	37	0.0050207921	0.086989706	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	38	0.0275116318	0.202776494	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	39	0.0253793144	0.665569811	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	40	0.0000000000	0.044164461	0.0000000	0.000000000	8.025310e-03
##	SAMPLE	41	0.1258144328	0.039474425	0.0000000	0.000000000	5.718175e-03
##	SAMPLE	42	0.0164791319	0.130096345	0.0000000	0.000000000	4.936614e-03
##	SAMPLE	43	0.0000000000	0.000000000	0.0000000	0.000000000	1.441605e-03
##	SAMPLE	44	0.3479156942	0.292352288	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	45	0.0000000000	0.000000000	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	46	0.0951025130	0.396383680	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	47	0.0000000000	0.041997968	0.0000000	0.000000000	1.812704e-02
##	SAMPLE	48	0.0000000000	0.108827786	0.4438983	0.000000000	1.155132e-03
##	SAMPLE	49	0.0006809374	0.000000000	0.3918688	0.000000000	0.000000e+00
##	SAMPLE	50	0.0000000000	0.561511310	0.1261633	0.000000000	5.434121e-03
##	SAMPLE	51	0.0079946180	0.077260861	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	52	0.0000000000	1.022748088	0.0000000	0.000000000	1.113988e-02
##	SAMPLE	53	0.0000000000	0.000000000	0.0000000	0.000000000	1.497121e-02
##	SAMPLE	54	0.0009510800	0.317802566	0.0000000	0.000000000	5.914866e-03
##	SAMPLE	55	0.0053517319	0.083802400	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	56	0.0000000000	0.000000000	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	57	0.0000000000	0.000000000	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	58	0.0153985202	0.423949689	0.3836414	0.000000000	0.000000e+00
##	SAMPLE	59	0.0299433171	0.324384333	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	60	0.0000000000	0.194358634	0.0000000	0.000000000	3.313649e-03
##	SAMPLE	61	0.0031029457	0.085722205	0.0000000	0.004987590	0.000000e+00
##	SAMPLE	62	0.0161351838	0.152821890	0.0000000	0.031990709	1.762865e-02
##	SAMPLE	63	0.0000000000	0.000000000	0.0000000	0.001045541	3.251844e-03
##	SAMPLE	64	0.0000000000	0.545774122	0.0000000	0.000000000	4.809563e-03
##	SAMPLE	65	0.0000000000	0.000000000	0.0000000	0.000000000	1.236472e-02
##	SAMPLE	66	0.0166846192	0.310359343	0.1353333	0.000000000	5.667719e-03
##	SAMPLE	67	0.0000000000	0.173069709	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	68	0.0000000000	12.044672303	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	69	0.1619719090	12.088173819	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	70	0.0000000000	0.320503899	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	71	0.0124020123	0.330421597	0.0000000	0.000000000	2.693575e-03
##	SAMPLE	72	0.0000000000	0.001812255	0.0000000	0.000000000	2.805061e-02

##	SAMPLE	73	0.0765010643	0.266755174	0.2265363	0.000000000	3.019693e-03
##	SAMPLE	74	0.0000000000	0.000000000	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	75	0.0000000000	0.020154061	0.0000000	0.000000000	9.506089e-02
##	SAMPLE	76	0.0000000000	0.010594111	0.0000000	0.000000000	7.762156e-03
##	SAMPLE	77	0.0000000000	0.038902742	0.0000000	0.000000000	2.727620e-02
##	SAMPLE	78	0.0080086407	0.217368671	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	79	0.0495954379	0.555166398	0.0000000	0.000000000	7.397303e-04
##	SAMPLE	80	0.0023794359	0.232345017	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	81	0.0173025110	0.515549531	0.0000000	0.000000000	2.306552e-03
##	SAMPLE	82	0.0053145573	0.388756217	0.0000000	0.000000000	2.161290e-03
##	SAMPLE	83	0.0298916122	0.594164689	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	84	0.0000000000	0.056009588	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	85	0.0000000000	0.289348592	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	86	0.0006212704	0.001397316	0.0000000	11.912019280	6.087313e-03
##	SAMPLE	87	0.0003487293	0.475341812	0.1896390	0.000000000	0.000000e+00
##	SAMPLE	88	0.0477647999	0.266327896	0.0000000	0.000000000	5.365215e-04
##	SAMPLE	89	0.0000000000	0.000000000	0.2352418	0.000000000	0.000000e+00
##	SAMPLE	90	0.0077544806	0.103457053	0.0000000	0.000000000	5.788130e-03
##	SAMPLE	91	0.0335732575	0.174417885	0.0000000	0.000000000	4.723155e-03
##	SAMPLE	92	0.0756093750	0.243692863	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	93	0.0901538111	0.025268504	0.1797252	0.000000000	0.000000e+00
##	SAMPLE	94	0.0325107919	0.086398315	0.0000000	0.000000000	8.015633e-03
##	SAMPLE	95	0.0000000000	0.349711212	0.2027677	0.000000000	0.000000e+00
##	SAMPLE	96	0.0473630501	0.341613564	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	97	0.0000000000	0.014444918	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	98	0.0000000000	0.000000000	0.0000000	0.000000000	8.752266e-03
##	SAMPLE	99	0.0000000000	0.168529723	0.0000000	0.000000000	2.538643e-03
##	SAMPLE	100	0.0080673215	0.181752647	0.2251948	0.000000000	6.727302e-04
##	SAMPLE	101	0.0052152121	0.206714953	0.0000000	0.000000000	5.311317e-05
##	SAMPLE	102	0.0000000000	0.056421748	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	103	0.0184939587	0.184402642	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	104	0.0331435816	0.505905243	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	105	0.0453889289	0.693388553	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	106	0.0000000000	0.271239181	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	107	0.0000000000	0.057877348	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	108	0.0266576016	0.467645700	0.0000000	0.000000000	6.365467e-03
##	SAMPLE	109	0.1548786906	13.505030613	0.9792483	0.251794052	0.000000e+00
##	SAMPLE	110	0.3107499205	13.306488856	0.7983866	0.000000000	0.000000e+00
##	SAMPLE	111	0.0235800192	0.059733591	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	112	0.0336892961	11.980791538	0.0000000	0.000000000	2.504246e-03
##	SAMPLE	113	0.0000000000	0.000000000	0.0000000	0.000000000	7.829156e-03
##	SAMPLE	114	0.0033952599	0.034697613	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	115	0.0000000000	0.098079604	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	116	0.0000000000	0.000000000	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	117	0.0122320810	0.114253845	0.0000000	0.051458506	0.000000e+00
##	SAMPLE	118	0.0000000000	0.192853613	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	119	0.0000000000	0.011514159	0.0000000	0.000000000	9.673095e-03
##	SAMPLE	120	0.0357937621	0.372362699	0.0000000	0.000000000	0.000000e+00
##	SAMPLE	121	0.0361491466	9.480855422	0.0000000	0.000000000	1.038998e-03
##			OTU 207	OTU 211	OTU 213	OTU 215	OTU 217
##	SAMPLE	1	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	2	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	3	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	4	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	5	0.628299516	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	6	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000

## SAMPLE 7	0.000000000	0.0030550870	0.0822793057	0.024029750	0.000000000
## SAMPLE 8	0.040009444	0.1020396499	0.0000000000	0.0000000000	0.000000000
## SAMPLE 9	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 10	0.123794919	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 11	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 12	0.001401642	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 13	0.004367444	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 14	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 15	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 16	0.0000000000	0.0182926440	0.0000000000	0.0000000000	0.000000000
## SAMPLE 17	0.060649695	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 18	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 19	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 20	0.005209360	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 21	0.0000000000	0.0205357073	0.0000000000	0.0000000000	0.000000000
## SAMPLE 22	0.017174918	0.0000000000	0.0000000000	0.0000000000	0.71461343
## SAMPLE 23	0.0000000000	0.0028129626	0.0000000000	0.0000000000	0.000000000
## SAMPLE 24	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 25	0.039929349	0.0025254402	0.0000000000	0.0000000000	0.000000000
## SAMPLE 26	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 27	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 28	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 29	11.857269408	0.0001888749	0.0000000000	0.0000000000	0.000000000
## SAMPLE 30	0.255462857	0.0000000000	0.0105600659	0.0000000000	0.000000000
## SAMPLE 31	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 32	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 33	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 34	0.220365673	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 35	0.0000000000	0.0081827228	0.0000000000	0.0000000000	0.000000000
## SAMPLE 36	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 37	0.087297263	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 38	0.725263722	0.0376443860	0.0000000000	0.0000000000	0.000000000
## SAMPLE 39	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 40	0.027417275	0.0027976670	0.1556974699	0.0000000000	0.000000000
## SAMPLE 41	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 42	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 43	0.003954635	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 44	0.0000000000	0.0000000000	0.0000000000	0.010419154	0.18972999
## SAMPLE 45	0.044812495	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 46	0.005528369	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 47	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 48	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 49	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 50	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 51	0.0000000000	0.0000000000	0.0000000000	0.011441843	0.000000000
## SAMPLE 52	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 53	0.0000000000	0.0307106690	0.0000000000	0.0000000000	0.000000000
## SAMPLE 54	0.009435428	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 55	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 56	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 57	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 58	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 59	0.0000000000	0.0000000000	0.0107369077	0.0000000000	0.000000000
## SAMPLE 60	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
## SAMPLE 61	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.01476627
## SAMPLE 62	0.001330414	0.0163733356	0.0000000000	0.0000000000	0.000000000

##	SAMPLE	63	0.000000000	0.000000000	0.0001901797	0.000000000	0.000000000
##	SAMPLE	64	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	65	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	66	0.005467196	0.0079833559	0.000000000	0.000000000	0.000000000
##	SAMPLE	67	0.194049711	0.0461953266	0.000000000	0.000000000	0.000000000
##	SAMPLE	68	0.000000000	0.0270598763	0.0383461061	0.000000000	0.000000000
##	SAMPLE	69	0.000000000	0.0020209092	0.000000000	0.000000000	0.000000000
##	SAMPLE	70	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.549771077	0.1852707583	0.1504206664	0.000000000	0.000000000
##	SAMPLE	73	0.052321451	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	74	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	75	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	76	0.000000000	0.3353727032	0.000000000	0.000000000	0.000000000
##	SAMPLE	77	0.000000000	0.000000000	0.000000000	0.002372095	0.000000000
##	SAMPLE	78	13.911638826	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	79	0.081933847	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	80	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	81	13.148836486	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	82	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	83	0.152633740	0.0001967566	0.000000000	0.000000000	0.000000000
##	SAMPLE	84	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	85	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	86	0.351280682	0.000000000	0.0082006724	0.000000000	0.000000000
##	SAMPLE	87	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	0.003550658	0.000000000	0.000000000	0.366567615	0.000000000
##	SAMPLE	89	13.682673196	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	90	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	91	0.092096961	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	92	0.004640751	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	93	0.000000000	0.000000000	0.0077561115	0.000000000	0.000000000
##	SAMPLE	94	0.290647790	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	95	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	96	0.076076792	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	97	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.016379871	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	99	0.834492735	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	100	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	101	0.000000000	0.0728454889	0.000000000	0.000000000	0.000000000
##	SAMPLE	102	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	103	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	104	0.000000000	0.000000000	0.000000000	0.000000000	0.24834889
##	SAMPLE	105	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	106	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	107	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	108	0.000000000	0.1458004444	0.000000000	0.000000000	0.000000000
##	SAMPLE	109	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	110	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	111	0.571174125	0.0039546718	0.000000000	0.000000000	0.55029174
##	SAMPLE	112	0.000000000	0.000000000	0.0054854194	0.043616377	0.000000000
##	SAMPLE	113	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	114	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	115	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	116	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	117	0.000000000	0.0092293363	0.000000000	0.000000000	0.000000000
##	SAMPLE	118	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE 119	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 120	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 121	0.000000000	0.000000000	0.000000000	0.056207878	0.000000000
##		OTU 219	OTU 223	OTU 225	OTU 228	OTU 231
##	SAMPLE 1	0.000000000	0.000000000	0.000000000	0.000000000	0.000607624
##	SAMPLE 2	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 3	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 4	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 5	0.000000000	0.000000000	0.000000000	0.000000000	0.007172769
##	SAMPLE 6	0.000000000	0.000000000	0.000000000	0.000000000	0.212824784
##	SAMPLE 7	0.000000000	0.000000000	0.000000000	0.000000000	0.003040833
##	SAMPLE 8	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 9	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 10	0.000000000	0.000000000	0.000000000	0.000000000	0.685895842
##	SAMPLE 11	0.000000000	0.000000000	0.000000000	0.000000000	0.005626401
##	SAMPLE 12	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 13	0.019080744	0.000000000	0.0070505832	0.000000000	0.000000000
##	SAMPLE 14	0.000000000	0.000000000	0.000000000	0.000000000	0.057520529
##	SAMPLE 15	0.000000000	0.000000000	0.000000000	0.000000000	0.127970204
##	SAMPLE 16	0.024490532	0.000000000	0.000000000	0.000000000	0.019366045
##	SAMPLE 17	0.015198186	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 18	0.000000000	0.000000000	0.000000000	0.000000000	0.176593236
##	SAMPLE 19	0.000000000	0.000000000	0.000000000	0.000000000	0.041582560
##	SAMPLE 20	0.000000000	0.000000000	0.000000000	0.000000000	0.034911015
##	SAMPLE 21	0.000000000	0.000000000	0.000000000	0.000000000	0.019344880
##	SAMPLE 22	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 23	0.000000000	0.000000000	0.000000000	0.000000000	0.069426584
##	SAMPLE 24	0.000000000	0.000000000	0.0005481193	0.000000000	0.192838073
##	SAMPLE 25	0.447466972	0.000000000	0.000000000	0.000000000	0.040843996
##	SAMPLE 26	0.000000000	0.000000000	0.000000000	0.000000000	0.691253409
##	SAMPLE 27	0.000000000	0.000000000	0.0114806072	0.000000000	0.001102408
##	SAMPLE 28	0.000000000	0.000000000	0.0067753510	0.000000000	0.002625249
##	SAMPLE 29	0.000000000	0.000000000	0.0386949931	0.000000000	0.565344475
##	SAMPLE 30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 34	0.000000000	0.000000000	0.000000000	0.000000000	0.131064443
##	SAMPLE 35	0.000000000	0.000000000	0.000000000	0.000000000	0.069384115
##	SAMPLE 36	0.000000000	0.000000000	0.000000000	0.000000000	0.191697377
##	SAMPLE 37	0.000000000	0.000000000	0.000000000	0.000000000	0.088065742
##	SAMPLE 38	0.000000000	0.000000000	0.000000000	0.000000000	0.062988503
##	SAMPLE 39	0.000000000	0.000000000	0.000000000	0.000000000	0.098521958
##	SAMPLE 40	0.000000000	0.000000000	0.0011686737	0.000000000	0.540726652
##	SAMPLE 41	0.000000000	0.000000000	0.000000000	0.000000000	0.033903126
##	SAMPLE 42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 43	0.000000000	0.000000000	0.000000000	0.000000000	0.015207867
##	SAMPLE 44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 45	0.000000000	0.000000000	0.000000000	0.000000000	0.063088021
##	SAMPLE 46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 51	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 52	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE	53	0.007448038	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	54	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	55	0.000000000	0.000000000	0.000000000	0.000000000	0.022529487
##	SAMPLE	56	0.007431877	0.000000000	0.000000000	0.000000000	12.076542246
##	SAMPLE	57	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	58	0.000000000	0.000000000	0.000000000	0.000000000	0.001677252
##	SAMPLE	59	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	60	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	61	0.000000000	0.000000000	0.000000000	0.000000000	0.003639812
##	SAMPLE	62	0.000000000	0.000000000	0.000000000	0.000000000	0.117769537
##	SAMPLE	63	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	64	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	65	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	66	0.203173961	0.000000000	0.000000000	0.000000000	12.548973686
##	SAMPLE	67	0.000000000	0.009051022	0.000000000	0.000000000	0.572002403
##	SAMPLE	68	0.000000000	0.000000000	0.000000000	0.000000000	0.011089828
##	SAMPLE	69	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	70	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	73	0.000000000	0.000000000	0.0079577070	0.000000000	0.431344488
##	SAMPLE	74	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	75	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	76	0.000000000	0.000000000	0.000000000	0.000000000	0.026184679
##	SAMPLE	77	0.000000000	0.000000000	0.0435523353	0.000000000	11.997469438
##	SAMPLE	78	0.003201247	0.000000000	0.000000000	0.000000000	0.004278430
##	SAMPLE	79	0.000000000	0.000000000	0.000000000	0.000000000	0.206504736
##	SAMPLE	80	0.035336600	0.000000000	0.000000000	0.000000000	0.133748570
##	SAMPLE	81	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	82	0.000000000	0.000000000	0.000000000	0.000000000	0.509349826
##	SAMPLE	83	0.000000000	0.000000000	0.000000000	0.000000000	0.001690843
##	SAMPLE	84	0.000000000	0.000000000	0.000000000	0.000000000	0.071725787
##	SAMPLE	85	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	86	0.297771696	0.000000000	0.0429995857	0.000000000	0.082324925
##	SAMPLE	87	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	0.000000000	0.000000000	0.000000000	0.000000000	0.215947857
##	SAMPLE	89	0.000000000	0.000000000	0.000000000	0.000000000	11.657902574
##	SAMPLE	90	0.000000000	0.000000000	0.000000000	0.000000000	12.277445119
##	SAMPLE	91	0.000000000	0.000000000	0.000000000	0.02494343	0.146989546
##	SAMPLE	92	0.000000000	0.000000000	0.0003720537	0.000000000	0.015897504
##	SAMPLE	93	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	94	0.000000000	0.000000000	0.000000000	0.000000000	0.026843551
##	SAMPLE	95	0.000000000	0.000000000	0.0503987082	0.000000000	0.123117918
##	SAMPLE	96	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	97	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	99	0.025534229	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	100	0.000000000	0.000000000	0.000000000	0.000000000	0.058237350
##	SAMPLE	101	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	102	0.000000000	0.000000000	0.000000000	0.000000000	0.073663425
##	SAMPLE	103	0.000000000	0.000000000	0.000000000	0.000000000	0.603927156
##	SAMPLE	104	0.000000000	0.000000000	0.000000000	0.000000000	0.004852553
##	SAMPLE	105	0.000000000	0.000000000	0.000000000	0.000000000	0.001806221
##	SAMPLE	106	0.000000000	0.000000000	0.000000000	0.000000000	0.068186613
##	SAMPLE	107	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	108	0.000000000	0.000000000	0.0896907909	0.000000000	0.002199012

##	SAMPLE	109	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	110	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	111	0.078356582	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	112	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	113	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	114	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	115	0.000000000	0.000000000	0.000000000	0.000000000	0.054471330
##	SAMPLE	116	0.000000000	0.000000000	0.000000000	0.000000000	0.058026854
##	SAMPLE	117	0.000000000	0.000000000	0.0043942610	0.000000000	0.019845599
##	SAMPLE	118	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	119	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	120	0.000000000	0.000000000	0.000000000	0.000000000	12.060329708
##	SAMPLE	121	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##			OTU 234	OTU 236	OTU 238	OTU 240	OTU 242
##	SAMPLE	1	0.007659371	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	2	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	3	0.011925851	0.0924362612	0.0015613928	0.000000000	0.008768892
##	SAMPLE	4	0.086245477	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	5	0.118105445	0.1435868178	0.1377100620	0.000000000	0.057669718
##	SAMPLE	6	0.425744871	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	7	0.276484523	0.1173187853	0.0093357328	0.000000000	0.024950584
##	SAMPLE	8	0.009191776	0.0103634697	0.000000000	0.000000000	0.005527756
##	SAMPLE	9	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	10	0.015645956	0.0181408469	0.0139385435	0.000000000	0.014756026
##	SAMPLE	11	0.000000000	0.0850739303	0.0749410264	0.000000000	0.004072575
##	SAMPLE	12	0.000000000	0.0022195149	0.000000000	0.000000000	0.000000000
##	SAMPLE	13	0.007857966	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	14	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	15	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	16	0.059587717	0.0410506176	0.0050309747	0.000000000	0.004885856
##	SAMPLE	17	0.012750161	0.0247207029	0.0061701109	0.000000000	0.006676942
##	SAMPLE	18	0.172821172	0.000000000	0.0489237281	0.000000000	0.086260815
##	SAMPLE	19	0.000000000	0.0060176674	0.000000000	0.000000000	0.021001397
##	SAMPLE	20	0.000000000	0.000000000	0.000000000	0.000000000	0.046702373
##	SAMPLE	21	0.000000000	0.0090877083	0.000000000	0.000000000	0.000000000
##	SAMPLE	22	0.763865676	0.000000000	0.1002937443	0.000000000	0.000000000
##	SAMPLE	23	0.016665701	0.0211557608	0.0214651419	0.000000000	0.000000000
##	SAMPLE	24	0.767095773	0.0344333281	0.2923004233	0.000000000	0.025688913
##	SAMPLE	25	0.000000000	0.0151548910	0.000000000	0.000000000	0.003785773
##	SAMPLE	26	0.063079876	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	27	0.008896137	0.0413547581	0.0449786622	0.000000000	0.003484479
##	SAMPLE	28	0.067016398	0.0051684781	0.0052436232	0.000000000	0.004567114
##	SAMPLE	29	0.000000000	0.0024274711	0.000000000	0.006126505	0.000000000
##	SAMPLE	30	0.000000000	0.0128791588	0.000000000	0.000000000	0.001128187
##	SAMPLE	31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	34	0.000000000	0.0398084957	0.000000000	0.000000000	0.011598513
##	SAMPLE	35	0.008525669	0.1212514528	0.0083719492	0.000000000	0.102926330
##	SAMPLE	36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	37	0.000000000	0.0298411389	0.000000000	0.000000000	0.000000000
##	SAMPLE	38	0.000000000	0.0643386541	0.0032421680	0.000000000	0.074854280
##	SAMPLE	39	0.001178393	0.0011931142	0.0075324593	0.000000000	0.000000000
##	SAMPLE	40	0.155520237	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	41	0.000000000	0.0167227078	0.0141934404	0.000000000	0.006745641
##	SAMPLE	42	0.311018600	0.0679602162	0.2790296083	0.000000000	0.021286813

##	SAMPLE	43	0.010828322	0.0043122120	0.0017936818	0.000000000	0.034409333
##	SAMPLE	44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	45	0.000000000	0.0940511293	0.000000000	0.000000000	0.000000000
##	SAMPLE	46	0.242065954	0.000000000	0.0035918134	0.000000000	0.007838589
##	SAMPLE	47	0.042529171	0.0794430745	0.0319196512	0.000000000	0.000000000
##	SAMPLE	48	0.005345550	0.000000000	0.0331898833	0.000000000	0.000000000
##	SAMPLE	49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	50	0.006867445	0.0112519252	0.0241001016	0.000000000	0.021395459
##	SAMPLE	51	0.027600121	0.000000000	0.000000000	0.000000000	0.001864659
##	SAMPLE	52	0.008158910	0.0086526165	0.0017862228	0.000000000	0.099625534
##	SAMPLE	53	0.000000000	0.000000000	0.000000000	0.000000000	0.047173159
##	SAMPLE	54	0.000000000	0.0501955828	0.0021005614	0.000000000	0.020775143
##	SAMPLE	55	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	56	12.399617084	0.0768736503	0.0464059124	0.000000000	0.003792297
##	SAMPLE	57	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	58	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	59	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	60	0.000000000	0.0265306934	0.0480658590	0.000000000	0.011025904
##	SAMPLE	61	0.000000000	0.0243559067	0.000000000	0.000000000	0.011753969
##	SAMPLE	62	0.024862025	0.2707283700	0.1110121735	0.000000000	0.042415361
##	SAMPLE	63	0.044590806	0.000000000	0.0316606700	0.000000000	0.002054402
##	SAMPLE	64	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	65	0.000000000	0.000000000	0.0169989388	0.000000000	0.000000000
##	SAMPLE	66	0.006294096	0.0028064570	0.0112910351	0.000000000	0.007608211
##	SAMPLE	67	0.000000000	0.0759198576	0.0057058784	0.000000000	0.009232862
##	SAMPLE	68	0.085454853	0.0209284887	0.000000000	0.000000000	0.000000000
##	SAMPLE	69	0.058586021	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	70	0.033806816	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.398489114	0.0771711145	0.0239966108	0.000000000	0.360394831
##	SAMPLE	73	11.960240710	0.000000000	0.0350235495	0.000000000	0.026898418
##	SAMPLE	74	0.000000000	0.0359251232	0.000000000	0.000000000	0.012856487
##	SAMPLE	75	0.179919330	0.2470541205	0.000000000	0.000000000	0.008251311
##	SAMPLE	76	0.000000000	0.0824076526	0.0537614090	0.000000000	0.000000000
##	SAMPLE	77	0.000000000	0.7146254585	0.000000000	0.000000000	0.221747169
##	SAMPLE	78	0.000000000	0.0083044853	0.000000000	0.004080415	0.000000000
##	SAMPLE	79	0.000000000	0.0054074383	0.000000000	0.000000000	0.000000000
##	SAMPLE	80	0.000000000	0.0453266774	0.000000000	0.000000000	0.000000000
##	SAMPLE	81	0.042255159	0.0156082791	0.0047855725	0.000000000	0.003985330
##	SAMPLE	82	0.003788435	0.0194794986	0.000000000	0.000000000	0.000000000
##	SAMPLE	83	0.000000000	0.000000000	0.000000000	0.000000000	0.005533742
##	SAMPLE	84	0.000000000	0.1202175366	0.000000000	0.000000000	0.000000000
##	SAMPLE	85	0.788951410	0.0265326779	0.000000000	0.000000000	0.016662074
##	SAMPLE	86	0.117996712	0.2055760900	0.000000000	0.000000000	0.000000000
##	SAMPLE	87	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	0.002144361	0.000000000	0.0011101562	0.000000000	0.007324181
##	SAMPLE	89	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	90	0.000000000	0.0832362757	0.000000000	0.000000000	0.011795006
##	SAMPLE	91	0.024447011	0.0713021407	0.0575846689	0.000000000	0.004943319
##	SAMPLE	92	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	93	0.297823640	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	94	0.000302867	0.2352303921	0.0023379553	0.000000000	0.066294095
##	SAMPLE	95	0.001158305	0.0009623784	0.000000000	0.000000000	0.000000000
##	SAMPLE	96	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	97	0.014704284	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.002189411	0.0024934417	0.0001992355	0.000000000	0.027319890

##	SAMPLE 99	0.000000000	0.0299323259	0.0039780403	0.000000000	0.041922028
##	SAMPLE 100	11.815246350	0.000000000	0.0249525403	0.000000000	0.004516946
##	SAMPLE 101	0.013913206	0.0172135578	0.000000000	0.000000000	0.003134743
##	SAMPLE 102	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 103	0.000000000	0.0320260680	0.000000000	0.000000000	0.000000000
##	SAMPLE 104	0.000000000	0.0052861719	0.000000000	0.000000000	0.000000000
##	SAMPLE 105	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 106	0.041481401	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 107	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 108	0.046538417	0.000000000	0.0485758633	0.000000000	0.035476390
##	SAMPLE 109	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 110	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 111	0.058475175	0.0872988625	0.0530350909	0.000000000	0.005890861
##	SAMPLE 112	0.042031630	0.0078587659	0.0048977334	0.000000000	0.003355048
##	SAMPLE 113	0.000000000	0.000000000	0.0025973679	0.000000000	0.000000000
##	SAMPLE 114	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 115	0.008056377	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 116	0.015149863	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 117	0.071110965	0.0101016500	0.0097363139	0.000000000	0.000000000
##	SAMPLE 118	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 119	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 120	0.007659404	0.0044727054	0.000000000	0.000000000	0.030531022
##	SAMPLE 121	0.002040939	0.000000000	0.000000000	0.000000000	0.007673880
##		OTU 244	OTU 246	OTU 248	OTU 250	OTU 252
##	SAMPLE 1	0.000000e+00	0.0000000000	0.006512689	1.242686e-01	0.000000000
##	SAMPLE 2	0.000000e+00	0.0000000000	0.000000000	2.106405e-02	0.391321866
##	SAMPLE 3	0.000000e+00	0.0096262190	0.379525257	5.981889e-01	0.009178454
##	SAMPLE 4	0.000000e+00	0.0000000000	0.000000000	1.524808e-02	0.000000000
##	SAMPLE 5	0.000000e+00	0.0430034087	0.061637068	1.263533e+01	0.777232665
##	SAMPLE 6	0.000000e+00	0.0000000000	0.137313057	3.203703e-01	0.141312633
##	SAMPLE 7	0.000000e+00	0.0066691462	12.081005815	1.246353e+01	12.937431731
##	SAMPLE 8	0.000000e+00	0.0000000000	0.032144555	8.252589e-02	13.802820571
##	SAMPLE 9	0.000000e+00	0.0000000000	0.020611361	1.291800e-01	0.000000000
##	SAMPLE 10	0.000000e+00	0.0000000000	0.136433650	2.296295e-01	0.090492217
##	SAMPLE 11	0.000000e+00	0.0531063915	0.664690885	1.369982e+01	0.079288473
##	SAMPLE 12	0.000000e+00	0.0000000000	0.040070764	0.000000e+00	0.000000000
##	SAMPLE 13	0.000000e+00	0.0016255260	0.077080213	6.321138e-01	0.030980416
##	SAMPLE 14	0.000000e+00	0.0102805425	0.097976158	2.216747e-01	0.060455923
##	SAMPLE 15	0.000000e+00	0.0000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 16	0.000000e+00	0.0225437051	0.075671359	4.439164e-01	12.179879335
##	SAMPLE 17	0.000000e+00	0.0095666013	0.010139044	3.261577e-01	0.586553372
##	SAMPLE 18	0.000000e+00	0.1039207468	13.181133176	4.342130e-01	0.287751620
##	SAMPLE 19	0.000000e+00	0.0093776441	0.289078100	0.000000e+00	9.900792024
##	SAMPLE 20	0.000000e+00	0.0000000000	0.181114628	1.076566e-01	0.000000000
##	SAMPLE 21	0.000000e+00	0.0129301617	0.000000000	9.902046e-02	0.348146497
##	SAMPLE 22	0.000000e+00	0.0000000000	10.620214056	1.478666e+01	0.174540282
##	SAMPLE 23	0.000000e+00	0.0161925999	0.089378396	3.320281e-01	12.471187461
##	SAMPLE 24	0.000000e+00	0.0502131163	11.078010215	1.430611e+01	0.372902527
##	SAMPLE 25	0.000000e+00	0.0009190800	0.004276381	2.357188e-01	13.046584739
##	SAMPLE 26	0.000000e+00	0.0000000000	0.031854761	9.601585e-02	0.000000000
##	SAMPLE 27	0.000000e+00	0.0043050483	0.383463265	1.194436e+01	0.601296938
##	SAMPLE 28	0.000000e+00	0.0035740727	0.363113468	3.283244e-01	0.120892887
##	SAMPLE 29	0.000000e+00	0.0000000000	0.013384376	6.043338e-02	0.246133344
##	SAMPLE 30	0.000000e+00	0.0000000000	0.040893473	4.651477e-02	0.007115389
##	SAMPLE 31	0.000000e+00	0.0000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 32	0.000000e+00	0.0000000000	0.010290238	3.791472e-03	0.155916010

##	SAMPLE	33	0.000000e+00	0.0000000000	0.000000000	1.276606e-01	0.376495390
##	SAMPLE	34	0.000000e+00	0.0373506828	0.039401886	5.916450e-02	0.233333927
##	SAMPLE	35	0.000000e+00	0.0338710346	0.309833629	7.547478e-01	14.696229027
##	SAMPLE	36	0.000000e+00	0.0000000000	0.016972167	1.150198e-01	12.682284986
##	SAMPLE	37	0.000000e+00	0.0000000000	0.002912555	1.211128e-01	0.035512174
##	SAMPLE	38	0.000000e+00	0.0190770319	0.127986139	9.209813e-02	0.765921759
##	SAMPLE	39	0.000000e+00	0.0000000000	0.000000000	5.009867e-04	0.095900797
##	SAMPLE	40	0.000000e+00	0.0618731546	0.585265253	1.833738e-01	0.000000000
##	SAMPLE	41	0.000000e+00	0.0191448008	0.392333324	5.703900e-01	12.981328324
##	SAMPLE	42	0.000000e+00	0.0291404594	12.592060200	1.267923e+01	0.000000000
##	SAMPLE	43	0.000000e+00	0.0071427719	0.131101968	6.309446e-01	0.284870521
##	SAMPLE	44	0.000000e+00	0.0000000000	0.000000000	2.409695e-02	0.056756801
##	SAMPLE	45	0.000000e+00	0.0014015682	0.001476866	3.960517e-01	0.012603524
##	SAMPLE	46	0.000000e+00	0.1435840947	0.135978156	8.913961e-02	0.353847235
##	SAMPLE	47	0.000000e+00	0.0551271660	0.604031902	1.195979e+01	0.125299109
##	SAMPLE	48	0.000000e+00	0.0021188367	0.048733695	2.924768e-01	0.000000000
##	SAMPLE	49	0.000000e+00	0.0000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	50	1.711972e-01	0.0056612548	0.084465538	4.403373e-01	0.000000000
##	SAMPLE	51	0.000000e+00	0.0000000000	0.025347591	2.956427e-01	0.000000000
##	SAMPLE	52	0.000000e+00	0.0348478814	0.188139843	4.552455e-01	0.186056486
##	SAMPLE	53	0.000000e+00	0.0073605890	0.300201828	2.999688e-01	13.162022187
##	SAMPLE	54	1.202686e+01	0.0144500151	0.150209508	3.496483e-01	0.013928834
##	SAMPLE	55	0.000000e+00	0.0000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	56	0.000000e+00	0.0042667705	0.315661113	2.076495e-01	0.608572708
##	SAMPLE	57	0.000000e+00	0.0000000000	0.000000000	1.081997e-01	0.000000000
##	SAMPLE	58	0.000000e+00	0.0000000000	0.090014353	2.082300e-01	0.000000000
##	SAMPLE	59	0.000000e+00	0.0000000000	0.569878223	1.176242e+01	0.000000000
##	SAMPLE	60	0.000000e+00	0.0162754652	0.008486949	5.248087e-02	12.141497758
##	SAMPLE	61	0.000000e+00	0.0053036418	0.000000000	1.699774e-01	0.123818710
##	SAMPLE	62	0.000000e+00	0.0239289527	0.000000000	7.605199e-02	0.179096962
##	SAMPLE	63	0.000000e+00	0.0043650086	0.294709629	1.205058e+01	0.085544237
##	SAMPLE	64	0.000000e+00	0.0000000000	13.081701668	8.816350e-02	0.000000000
##	SAMPLE	65	0.000000e+00	0.0000000000	0.151414502	3.353230e-01	12.963475633
##	SAMPLE	66	0.000000e+00	0.0131460305	0.237845200	3.831972e-01	7.344298732
##	SAMPLE	67	0.000000e+00	0.0000000000	0.000000000	5.881132e-02	0.773294157
##	SAMPLE	68	0.000000e+00	0.0000000000	0.136116655	5.042565e-01	0.279256848
##	SAMPLE	69	0.000000e+00	0.0000000000	0.000000000	0.000000e+00	0.103333320
##	SAMPLE	70	0.000000e+00	0.0000000000	0.119976104	1.172936e+01	0.000000000
##	SAMPLE	71	0.000000e+00	0.0000000000	0.000000000	1.203352e-01	0.261330239
##	SAMPLE	72	0.000000e+00	0.2366105525	11.040151360	1.471162e+01	0.024469637
##	SAMPLE	73	0.000000e+00	0.1163800656	0.341446035	1.869196e-02	0.064230390
##	SAMPLE	74	0.000000e+00	0.0308458713	0.059189197	2.448629e-01	0.167164372
##	SAMPLE	75	0.000000e+00	0.0033812947	0.238684146	6.841056e-01	0.390250603
##	SAMPLE	76	0.000000e+00	0.0096309414	0.074665808	0.000000e+00	12.094642658
##	SAMPLE	77	0.000000e+00	0.0332506763	12.741270778	6.470702e-01	11.974574940
##	SAMPLE	78	8.895912e-03	0.0095362299	0.060308267	3.005129e-01	0.161930908
##	SAMPLE	79	4.010432e-04	0.0000000000	0.000000000	5.434952e-03	0.239951296
##	SAMPLE	80	0.000000e+00	0.0033270323	0.011004413	7.559321e-02	12.227717928
##	SAMPLE	81	0.000000e+00	0.0031335753	0.042071689	1.115410e-01	0.004493495
##	SAMPLE	82	0.000000e+00	0.0228325175	0.000000000	4.102241e-02	13.369409960
##	SAMPLE	83	0.000000e+00	0.0000000000	0.171199314	1.049606e-01	0.183929829
##	SAMPLE	84	0.000000e+00	0.0094760413	0.257804022	1.288886e+01	12.020111067
##	SAMPLE	85	0.000000e+00	0.0031726114	0.086947681	1.157555e-02	0.000000000
##	SAMPLE	86	0.000000e+00	0.0000000000	0.000000000	8.001677e-01	0.000000000
##	SAMPLE	87	0.000000e+00	0.0000000000	0.001033379	2.761590e-03	0.000000000
##	SAMPLE	88	0.000000e+00	0.0025054576	0.123826964	2.134104e-01	0.624173348

##	SAMPLE	89	0.000000e+00	0.0000000000	0.000000000	1.016722e-02	12.871804072
##	SAMPLE	90	0.000000e+00	0.1726428675	0.010202011	1.893636e-01	0.000000000
##	SAMPLE	91	0.000000e+00	0.0237703347	0.681437258	8.233574e-01	0.039814644
##	SAMPLE	92	0.000000e+00	0.0000000000	0.025420399	4.288310e-01	0.523301513
##	SAMPLE	93	0.000000e+00	0.0006006497	0.000000000	2.796689e-02	0.001274419
##	SAMPLE	94	0.000000e+00	0.0091009222	0.076741081	2.951780e-01	0.481095570
##	SAMPLE	95	0.000000e+00	0.0000000000	0.062380956	6.855225e-01	0.360673480
##	SAMPLE	96	0.000000e+00	0.0000000000	0.018084153	1.855691e-02	0.000000000
##	SAMPLE	97	7.252099e-01	0.0000000000	0.009007476	8.135368e-02	0.133100218
##	SAMPLE	98	1.050257e-01	0.0020958443	0.418007048	4.799636e-01	11.872594815
##	SAMPLE	99	0.000000e+00	0.0831677613	0.028980622	3.993998e-02	0.000000000
##	SAMPLE	100	0.000000e+00	0.0057950738	0.062073919	0.000000e+00	0.132400647
##	SAMPLE	101	0.000000e+00	0.0015685999	0.008977258	8.345573e-02	0.124670055
##	SAMPLE	102	0.000000e+00	0.0000000000	0.000000000	4.779426e-02	0.338580020
##	SAMPLE	103	0.000000e+00	0.0000000000	0.132278145	4.352074e-01	12.909594159
##	SAMPLE	104	0.000000e+00	0.0124347016	0.021818497	4.629681e-01	0.020648605
##	SAMPLE	105	0.000000e+00	0.0022182075	0.066960809	8.088213e-02	0.189298243
##	SAMPLE	106	0.000000e+00	0.0000000000	0.036001594	2.594441e-02	0.402823286
##	SAMPLE	107	0.000000e+00	0.0000000000	0.000000000	0.000000e+00	0.006429714
##	SAMPLE	108	0.000000e+00	0.0490691653	0.277006661	8.781482e-01	12.805099154
##	SAMPLE	109	0.000000e+00	0.0000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	110	0.000000e+00	0.0000000000	0.056390565	1.876514e-02	0.090506808
##	SAMPLE	111	0.000000e+00	0.0000000000	0.101655236	1.290653e-01	0.000000000
##	SAMPLE	112	0.000000e+00	0.0020720230	11.804882152	1.231691e+01	0.131287319
##	SAMPLE	113	3.552393e-01	0.0000000000	0.245254499	8.076917e-02	14.284020032
##	SAMPLE	114	0.000000e+00	0.0000000000	0.000000000	1.694787e-01	0.143917381
##	SAMPLE	115	0.000000e+00	0.0000000000	0.000000000	3.545048e-01	11.963027341
##	SAMPLE	116	0.000000e+00	0.0017895458	0.380193021	6.419998e-01	12.897870225
##	SAMPLE	117	0.000000e+00	0.0026388731	0.111116792	3.610329e-01	0.312968312
##	SAMPLE	118	0.000000e+00	0.0000000000	0.254547848	1.657450e-01	0.000000000
##	SAMPLE	119	0.000000e+00	0.0000000000	0.014464158	3.155222e-02	0.000000000
##	SAMPLE	120	0.000000e+00	0.0005511215	0.097890028	6.601689e-01	9.666068913
##	SAMPLE	121	0.000000e+00	0.0097587398	0.000000000	1.954103e-02	0.000000000
##			OTU 254	OTU 260	OTU 262	OTU 264	OTU 266
##	SAMPLE	1	0.004260766	1.011428e-02	1.154228e-02	0.0000000000	0.000000e+00
##	SAMPLE	2	0.000000000	0.000000e+00	1.222929e-02	0.0073178904	0.000000e+00
##	SAMPLE	3	0.052550066	2.188080e-02	3.486043e-02	0.0117088895	0.000000e+00
##	SAMPLE	4	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	5	0.022177011	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	6	0.000000000	0.000000e+00	1.428177e-02	0.0066264052	0.000000e+00
##	SAMPLE	7	0.191052353	1.762740e-01	5.393363e-01	0.0443683587	5.373443e-02
##	SAMPLE	8	0.009408388	2.549023e-01	1.143684e+01	0.0244558017	2.742495e-01
##	SAMPLE	9	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	10	0.022676527	0.000000e+00	7.469710e-02	0.0125705117	0.000000e+00
##	SAMPLE	11	0.012039752	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	12	0.000000000	5.803999e-02	4.071401e-01	0.0003054756	0.000000e+00
##	SAMPLE	13	0.021560490	9.163777e-03	1.920741e-02	0.0006066560	1.698842e-02
##	SAMPLE	14	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	15	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	16	0.051205386	0.000000e+00	2.024776e-02	0.0000000000	0.000000e+00
##	SAMPLE	17	0.025461363	1.642553e-02	1.169378e+01	0.0089938307	1.164592e-01
##	SAMPLE	18	12.298874355	7.992309e-02	8.670008e-02	0.1364747062	4.297418e-01
##	SAMPLE	19	0.002597420	0.000000e+00	5.798300e-01	0.0000000000	1.480231e+01
##	SAMPLE	20	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	21	0.000000000	3.398097e-03	5.610968e-01	0.0181644439	0.000000e+00
##	SAMPLE	22	12.664904536	9.958971e-02	1.564958e-01	0.1066649774	0.000000e+00

##	SAMPLE	23	0.020455937	9.368621e-03	2.100135e-01	0.0503368355	0.000000e+00
##	SAMPLE	24	0.381991537	6.324187e-04	1.609297e-02	0.0026815165	0.000000e+00
##	SAMPLE	25	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	26	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	27	0.040416556	7.515279e-02	1.193422e+01	0.0139345012	7.400454e-03
##	SAMPLE	28	0.042647437	2.246732e-02	2.818963e-01	0.2690502342	0.000000e+00
##	SAMPLE	29	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	30	0.000000000	4.517655e-01	1.202345e+01	0.0000000000	3.489037e-01
##	SAMPLE	31	0.000000000	3.250903e-01	1.264492e+01	0.0620179110	0.000000e+00
##	SAMPLE	32	0.000000000	0.000000e+00	3.349858e-02	0.0000000000	1.854570e-02
##	SAMPLE	33	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	34	0.000000000	1.368712e-02	1.995801e-01	0.0146816904	0.000000e+00
##	SAMPLE	35	0.041736568	0.000000e+00	1.192512e-02	0.0000000000	0.000000e+00
##	SAMPLE	36	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	37	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	38	0.000000000	0.000000e+00	6.355810e-03	0.0000000000	0.000000e+00
##	SAMPLE	39	0.000000000	3.051032e-02	1.994089e-01	0.0000000000	0.000000e+00
##	SAMPLE	40	0.038015301	2.032128e-03	1.284000e+01	0.0000000000	0.000000e+00
##	SAMPLE	41	0.020831751	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	42	0.037230948	0.000000e+00	1.261153e-03	0.0000000000	0.000000e+00
##	SAMPLE	43	0.000000000	0.000000e+00	1.543518e-02	0.0000000000	0.000000e+00
##	SAMPLE	44	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	45	0.000000000	2.687232e-02	5.902619e-01	0.0174614895	0.000000e+00
##	SAMPLE	46	0.000000000	3.363672e-04	4.698419e-01	0.0000000000	0.000000e+00
##	SAMPLE	47	0.021265616	0.000000e+00	4.493704e-03	0.0000000000	0.000000e+00
##	SAMPLE	48	0.030889671	7.802661e-01	1.070114e+01	0.4706224732	3.011232e-01
##	SAMPLE	49	0.000000000	1.802775e-02	2.877868e-02	0.0406086722	0.000000e+00
##	SAMPLE	50	0.000000000	0.000000e+00	6.262657e-04	0.0015909908	0.000000e+00
##	SAMPLE	51	0.021914445	0.000000e+00	2.401677e-03	0.0064827121	0.000000e+00
##	SAMPLE	52	0.077484064	1.275476e+01	1.467526e+01	0.0247434385	1.366732e+01
##	SAMPLE	53	0.015807761	6.373131e-03	5.714799e-02	0.0108401585	3.567937e-03
##	SAMPLE	54	0.053497099	3.517969e-02	9.716043e-02	0.0167746468	0.000000e+00
##	SAMPLE	55	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	56	0.055625414	0.000000e+00	4.567355e-02	0.0000000000	0.000000e+00
##	SAMPLE	57	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	58	0.032702156	3.061836e-03	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	59	0.000000000	3.468783e-02	1.051847e-01	0.1232199388	6.512151e-02
##	SAMPLE	60	0.000000000	0.000000e+00	9.607935e+00	0.0000000000	4.811215e-03
##	SAMPLE	61	0.018176520	0.000000e+00	2.248872e-03	0.0000000000	0.000000e+00
##	SAMPLE	62	0.036014857	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	63	0.122038946	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	64	0.000000000	3.414369e-02	1.191786e+01	0.0348036511	2.185432e-01
##	SAMPLE	65	0.166423209	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	66	0.011079172	1.575462e-02	5.374864e-01	0.0152458623	1.232514e-01
##	SAMPLE	67	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	68	0.056645510	2.160469e-01	1.193614e+01	0.0955434059	0.000000e+00
##	SAMPLE	69	0.000000000	1.223226e-02	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	70	0.075661297	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	71	0.000000000	4.036566e-02	6.464833e-02	0.0165183717	0.000000e+00
##	SAMPLE	72	13.313948496	0.000000e+00	0.000000e+00	0.0003184199	0.000000e+00
##	SAMPLE	73	0.086086097	2.524547e-03	1.011975e-02	0.0000000000	0.000000e+00
##	SAMPLE	74	0.000000000	0.000000e+00	1.802936e-01	0.0131344110	4.116669e-02
##	SAMPLE	75	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	76	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	77	0.000000000	0.000000e+00	1.104949e-02	0.0000000000	0.000000e+00
##	SAMPLE	78	0.012154799	0.000000e+00	1.562336e-02	0.0038080790	0.000000e+00

##	SAMPLE 79	0.000000000	4.003213e-03	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 80	0.052664748	8.206542e-03	8.331537e-01	0.0106180762	0.000000e+00
##	SAMPLE 81	0.006422169	3.324330e-03	7.269468e-04	0.0000000000	0.000000e+00
##	SAMPLE 82	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 83	0.014249518	5.424201e-02	1.854131e-01	0.0086338807	0.000000e+00
##	SAMPLE 84	0.054910038	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 85	0.000000000	0.000000e+00	1.988324e-02	0.0913488064	0.000000e+00
##	SAMPLE 86	0.000000000	1.049409e-02	0.000000e+00	0.0276121769	0.000000e+00
##	SAMPLE 87	0.000000000	7.416357e-02	1.204534e+01	0.0585902545	0.000000e+00
##	SAMPLE 88	0.043352646	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 89	0.000000000	0.000000e+00	0.000000e+00	0.0848438778	0.000000e+00
##	SAMPLE 90	0.005994946	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 91	0.000000000	8.810285e-03	2.217041e-02	0.0692124386	0.000000e+00
##	SAMPLE 92	0.000000000	0.000000e+00	0.000000e+00	0.0018356709	0.000000e+00
##	SAMPLE 93	0.000000000	0.000000e+00	1.837587e-03	0.0122478367	0.000000e+00
##	SAMPLE 94	0.012274938	0.000000e+00	1.650889e-03	0.0099328617	0.000000e+00
##	SAMPLE 95	0.007071438	4.553806e-02	2.455170e-02	0.0015500429	8.327686e-03
##	SAMPLE 96	0.000000000	2.058721e-02	8.649372e-02	0.0055059573	0.000000e+00
##	SAMPLE 97	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 98	0.034502014	1.932082e-03	1.555902e-01	0.0100063066	1.298415e-02
##	SAMPLE 99	0.000000000	1.798968e-02	7.325766e-02	0.0108791354	0.000000e+00
##	SAMPLE 100	0.000000000	8.297903e-03	7.471179e-02	0.0000000000	1.260847e-02
##	SAMPLE 101	0.000000000	5.781915e-04	1.238573e-03	0.0020752154	0.000000e+00
##	SAMPLE 102	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 103	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 104	0.000000000	0.000000e+00	4.658531e-02	0.0312104461	0.000000e+00
##	SAMPLE 105	0.000000000	8.885788e-03	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 106	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 107	0.000000000	7.483769e-02	1.384708e+01	0.0349044876	1.418463e-01
##	SAMPLE 108	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 109	0.000000000	6.851143e-02	4.749600e-02	0.0076269795	2.518536e-01
##	SAMPLE 110	0.000000000	3.521911e-01	7.924532e-01	0.0012005836	0.000000e+00
##	SAMPLE 111	0.007231277	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 112	0.000000000	2.097956e-02	5.371962e-02	0.0373507953	0.000000e+00
##	SAMPLE 113	0.000000000	7.250609e-03	1.289816e+01	0.0052772198	9.499340e-03
##	SAMPLE 114	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 115	0.000000000	0.000000e+00	2.606632e-02	0.0145570017	0.000000e+00
##	SAMPLE 116	0.000000000	4.471164e-02	9.087061e-02	0.0265013804	5.648816e-02
##	SAMPLE 117	0.023270305	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 118	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 119	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 120	0.033748093	5.887065e-03	1.644118e-01	0.0000000000	0.000000e+00
##	SAMPLE 121	0.000000000	0.000000e+00	0.000000e+00	0.0000000000	4.565715e-04
##		OTU 268	OTU 270	OTU 272	OTU 274	OTU 276
##	SAMPLE 1	1.475158e-02	12.396171705	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 2	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 3	2.083158e-02	0.307955630	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 4	2.325099e-02	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 5	2.581301e-02	0.031758785	0.000000000	0.010381852	0.000000e+00
##	SAMPLE 6	2.455611e-01	0.095298959	0.000000000	0.000000000	9.097242e-02
##	SAMPLE 7	1.949695e-02	0.018360535	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 8	2.663716e-02	0.030923308	0.000000000	0.002992117	0.000000e+00
##	SAMPLE 9	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 10	3.865335e-02	0.041566621	0.000000000	0.175259103	0.000000e+00
##	SAMPLE 11	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 12	3.521186e-03	0.012764013	0.001179731	0.000000000	0.000000e+00

##	SAMPLE	13	2.373154e-02	0.188413564	0.001174256	0.000000000	3.364234e-03
##	SAMPLE	14	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	15	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	16	1.001270e-02	0.028349226	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	17	1.480735e-02	0.068746183	0.000000000	0.502224096	0.000000e+00
##	SAMPLE	18	7.717492e-02	0.000000000	0.000000000	0.104367201	0.000000e+00
##	SAMPLE	19	1.405890e+01	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	20	6.247984e-03	0.001869332	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	21	3.380954e-02	0.063571707	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	22	8.081085e-03	0.030246608	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	23	9.300554e-03	0.128621607	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	24	2.234011e-02	0.107134639	0.000000000	0.184643395	0.000000e+00
##	SAMPLE	25	0.000000e+00	0.122532533	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	26	2.942462e-02	0.012432325	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	27	4.966620e-02	11.930142630	0.000000000	0.009753761	0.000000e+00
##	SAMPLE	28	1.870823e-02	0.015544981	0.000000000	0.014696779	0.000000e+00
##	SAMPLE	29	2.829384e-03	0.032728827	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	30	1.145647e+01	0.005287664	0.060807317	0.000000000	0.000000e+00
##	SAMPLE	31	3.265414e-02	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	32	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	33	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	34	4.739771e-03	0.032275085	0.000000000	0.001625740	0.000000e+00
##	SAMPLE	35	0.000000e+00	0.045583592	0.000000000	0.000000000	3.582984e-03
##	SAMPLE	36	0.000000e+00	0.007771356	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	37	0.000000e+00	0.011982314	0.000000000	0.016511921	0.000000e+00
##	SAMPLE	38	0.000000e+00	0.003360585	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	39	2.239772e-01	0.110232896	0.000000000	0.748324852	0.000000e+00
##	SAMPLE	40	3.963078e-03	0.010481271	0.000000000	0.046469403	1.315037e-01
##	SAMPLE	41	0.000000e+00	0.054132570	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	42	8.038600e-04	0.000000000	0.000000000	0.000000000	1.776830e-02
##	SAMPLE	43	7.562848e-03	0.541661481	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	44	9.103962e-02	0.354950743	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	45	8.813705e-03	0.080548664	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	46	1.643670e-02	0.015702611	0.000000000	0.065419275	0.000000e+00
##	SAMPLE	47	6.482450e-04	0.000000000	0.000000000	0.106727268	1.191879e+01
##	SAMPLE	48	1.218162e+01	0.175027104	0.000000000	0.101097383	0.000000e+00
##	SAMPLE	49	4.238297e-03	0.015492834	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	50	0.000000e+00	0.090206233	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	51	1.284454e-02	0.544495832	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	52	4.899714e-02	0.260318893	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	53	1.467980e-02	11.752920842	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	54	4.448146e-02	0.006335187	0.000000000	12.318960465	0.000000e+00
##	SAMPLE	55	0.000000e+00	0.043388797	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	56	1.171838e-01	0.016513295	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	57	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	58	7.584612e-03	0.064789959	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	59	9.470722e-02	0.024329349	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	60	0.000000e+00	0.118083042	0.003955737	0.086608076	0.000000e+00
##	SAMPLE	61	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	62	0.000000e+00	0.011001153	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	63	0.000000e+00	0.000000000	0.000000000	0.002837051	0.000000e+00
##	SAMPLE	64	2.270377e-01	0.055360029	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	65	0.000000e+00	0.023868265	0.000000000	0.004553478	0.000000e+00
##	SAMPLE	66	1.130350e-02	0.060823154	0.002303636	0.000000000	0.000000e+00
##	SAMPLE	67	0.000000e+00	0.149918360	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	68	3.548544e-01	0.113505326	0.003536469	0.000000000	0.000000e+00

##	SAMPLE 69	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 70	1.217307e-01	0.254305762	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 71	8.321042e-02	0.225443741	0.000000000	0.005132626	0.000000e+00
##	SAMPLE 72	0.000000e+00	0.011071114	0.000000000	0.005523338	2.272509e-02
##	SAMPLE 73	3.773664e-02	0.347863104	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 74	1.868450e-01	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 75	4.347305e-02	0.000000000	0.000000000	13.767481357	0.000000e+00
##	SAMPLE 76	0.000000e+00	0.257488767	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 77	2.119571e-02	0.048589749	0.000000000	0.000000000	1.296485e+01
##	SAMPLE 78	0.000000e+00	0.027880965	0.000000000	0.003609970	6.085401e-01
##	SAMPLE 79	4.870761e-03	0.128506624	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 80	1.951734e-02	0.010759750	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 81	0.000000e+00	0.038432030	0.000000000	0.000000000	7.242807e-01
##	SAMPLE 82	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 83	7.794072e-02	0.012709330	0.000000000	0.385667925	0.000000e+00
##	SAMPLE 84	0.000000e+00	0.331910437	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 85	5.277012e-02	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 86	2.792682e-03	0.037522672	0.000000000	0.006997993	4.866626e-03
##	SAMPLE 87	2.508219e-02	0.006147177	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 88	0.000000e+00	0.071120290	0.000000000	0.000000000	2.741968e-03
##	SAMPLE 89	1.166264e+01	0.175748636	0.112266030	0.000000000	0.000000e+00
##	SAMPLE 90	0.000000e+00	0.007248265	0.000000000	0.002587052	0.000000e+00
##	SAMPLE 91	6.849654e-02	0.028196414	0.000000000	0.000000000	9.263381e-03
##	SAMPLE 92	0.000000e+00	0.006537251	0.000000000	0.012182291	0.000000e+00
##	SAMPLE 93	1.298911e-03	0.110066759	0.000000000	0.001605012	0.000000e+00
##	SAMPLE 94	2.485778e-02	0.067478866	0.000000000	0.114159664	9.220822e-04
##	SAMPLE 95	1.353047e-02	0.054543845	0.000000000	0.026272620	0.000000e+00
##	SAMPLE 96	6.010906e-02	0.051502771	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 97	0.000000e+00	0.000000000	0.000000000	0.089660296	2.820796e-01
##	SAMPLE 98	4.697030e-02	0.057305801	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 99	6.037358e-02	0.049438089	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 100	4.456938e-02	0.137350919	0.002285439	0.000000000	1.957500e-04
##	SAMPLE 101	8.380495e-03	0.025325036	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 102	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 103	0.000000e+00	0.116447087	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 104	6.464959e-04	0.639002297	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 105	1.919889e-03	0.056697184	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 106	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 107	4.617975e-01	0.000000000	0.000000000	0.125639699	0.000000e+00
##	SAMPLE 108	8.767181e-03	0.011571243	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 109	0.000000e+00	0.153945615	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 110	6.444456e-01	11.542042858	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 111	3.124065e-04	0.009048548	0.000000000	0.009512901	4.047081e-02
##	SAMPLE 112	1.055745e-01	0.027182165	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 113	1.401959e-02	0.065851173	0.000000000	11.990717261	0.000000e+00
##	SAMPLE 114	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 115	4.042433e-03	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 116	3.545280e-02	0.019454380	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 117	0.000000e+00	0.377430742	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 118	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 119	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 120	1.334423e-02	0.008292650	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 121	0.000000e+00	0.021236659	0.000000000	0.000000000	0.000000e+00
##		OTU 278	OTU 280	OTU 284	OTU 287	OTU 289
##	SAMPLE 1	0.7832413	0.000000000	0.000000000	3.314655e-03	0.000000e+00
##	SAMPLE 2	12.4019725	0.000000000	0.000000000	0.000000e+00	0.000000e+00

##	SAMPLE 3	13.2410829	0.0423155995	0.0000000000	1.485017e-04	0.000000e+00
##	SAMPLE 4	0.0000000	0.0000000000	0.0748634614	1.822585e-02	0.000000e+00
##	SAMPLE 5	0.4856198	0.0000000000	0.0000000000	3.704269e-03	0.000000e+00
##	SAMPLE 6	0.0000000	0.4412172428	0.0107882754	1.229803e-01	0.000000e+00
##	SAMPLE 7	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 8	0.0000000	0.0766705786	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 9	13.6147402	0.0033453154	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 10	13.6163679	0.1010196416	0.0000000000	3.006911e-01	0.000000e+00
##	SAMPLE 11	13.1197880	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 12	0.0000000	0.0000000000	0.0000000000	1.779706e-02	0.000000e+00
##	SAMPLE 13	0.0000000	0.0096626075	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 14	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 15	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 16	12.7841328	0.3939028085	0.0140234342	2.381213e-01	0.000000e+00
##	SAMPLE 17	0.0000000	0.0180967585	0.0000000000	4.512669e-03	0.000000e+00
##	SAMPLE 18	0.0000000	0.7136525821	0.0000000000	1.304845e-01	0.000000e+00
##	SAMPLE 19	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 20	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 21	0.0000000	0.1016641777	0.0033381603	1.309044e-02	0.000000e+00
##	SAMPLE 22	0.0000000	0.0109749910	0.0000000000	4.048154e-04	0.000000e+00
##	SAMPLE 23	0.0000000	0.0247547975	0.0000000000	4.195957e-03	0.000000e+00
##	SAMPLE 24	0.0000000	0.0139741569	0.0000000000	3.155652e-02	0.000000e+00
##	SAMPLE 25	0.0000000	0.0000000000	0.0000000000	6.733977e-03	0.000000e+00
##	SAMPLE 26	0.0000000	0.0000000000	0.0276485283	3.772187e-01	0.000000e+00
##	SAMPLE 27	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 28	0.0000000	0.2274836247	0.0755556454	1.753617e-02	8.003748e-04
##	SAMPLE 29	14.0214501	0.0021887586	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 30	0.0000000	0.5881707275	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 31	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 32	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 33	14.1548636	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 34	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 35	0.0000000	0.0000000000	0.0000000000	2.536795e-03	6.845290e-03
##	SAMPLE 36	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 37	0.4413544	0.0000000000	0.0000000000	2.481362e-03	0.000000e+00
##	SAMPLE 38	0.0000000	0.0033079568	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 39	0.0000000	0.0000000000	0.0000000000	1.259749e+01	0.000000e+00
##	SAMPLE 40	0.0000000	0.0328305252	0.0000000000	2.634415e-02	0.000000e+00
##	SAMPLE 41	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 42	0.0000000	0.0000000000	0.0451500791	1.120042e+01	0.000000e+00
##	SAMPLE 43	0.0000000	0.0000000000	0.0000000000	1.697673e-03	0.000000e+00
##	SAMPLE 44	0.0000000	0.0000000000	0.0093555050	7.339933e-03	0.000000e+00
##	SAMPLE 45	0.0000000	0.0060143543	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 46	0.2524834	0.0000000000	0.0000000000	1.337669e-01	0.000000e+00
##	SAMPLE 47	0.0000000	0.3505727825	0.0000000000	3.610192e-02	0.000000e+00
##	SAMPLE 48	0.0000000	0.3357793756	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 49	0.0000000	0.0131492240	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 50	0.0000000	0.0000000000	0.0000000000	9.783678e-04	0.000000e+00
##	SAMPLE 51	0.0000000	0.0000000000	0.0000000000	8.125239e-03	0.000000e+00
##	SAMPLE 52	0.0000000	0.0170752869	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 53	0.0000000	0.0247245633	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 54	0.0000000	0.0706644107	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 55	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 56	0.0000000	0.3298471766	0.0000000000	4.949155e-03	0.000000e+00
##	SAMPLE 57	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE 58	0.0000000	0.0000000000	0.0000000000	6.088050e-03	0.000000e+00

##	SAMPLE	59	0.0000000	0.0945289070	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	60	0.0000000	0.0252747960	0.0000000000	2.355692e-04	0.000000e+00
##	SAMPLE	61	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	62	11.8688769	0.0000000000	0.0000000000	2.357250e-03	0.000000e+00
##	SAMPLE	63	0.0000000	0.0009267846	0.0000000000	1.176157e-03	0.000000e+00
##	SAMPLE	64	0.0000000	0.8329385764	0.0000000000	3.217959e-04	0.000000e+00
##	SAMPLE	65	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	66	0.0000000	0.1219135384	0.0000000000	1.334993e-03	0.000000e+00
##	SAMPLE	67	14.0712907	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	68	0.0000000	0.1718245464	0.0000000000	1.534511e-01	0.000000e+00
##	SAMPLE	69	0.0000000	0.0000000000	0.0000000000	1.166587e+01	0.000000e+00
##	SAMPLE	70	0.0000000	0.1375431537	0.0000000000	2.688699e-01	0.000000e+00
##	SAMPLE	71	0.0000000	0.0491253251	0.0000000000	3.044768e-04	0.000000e+00
##	SAMPLE	72	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	73	0.2333866	0.0025845781	0.0034396236	7.472468e-03	0.000000e+00
##	SAMPLE	74	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	75	0.0000000	0.0115868666	0.3006109816	1.236442e+01	1.283988e+01
##	SAMPLE	76	12.8883721	0.0000000000	0.0000000000	9.458849e-03	0.000000e+00
##	SAMPLE	77	11.7254251	0.0000000000	0.0005488237	2.681157e-02	1.605326e-02
##	SAMPLE	78	12.2150761	0.0000000000	0.0071699388	0.000000e+00	0.000000e+00
##	SAMPLE	79	12.8691267	0.0000000000	0.0000000000	2.065064e-02	0.000000e+00
##	SAMPLE	80	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	81	0.0000000	0.0035658997	0.0000000000	3.718440e-03	0.000000e+00
##	SAMPLE	82	0.0000000	0.0000000000	0.0000000000	3.178566e-03	0.000000e+00
##	SAMPLE	83	13.4207138	0.0000000000	0.0000000000	2.492185e-04	0.000000e+00
##	SAMPLE	84	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	85	0.0000000	0.0000000000	0.0000000000	3.260558e-01	0.000000e+00
##	SAMPLE	86	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	87	0.0000000	0.0166400765	0.0007720228	7.672224e-02	0.000000e+00
##	SAMPLE	88	0.0000000	0.0000000000	0.0000000000	1.711339e-02	0.000000e+00
##	SAMPLE	89	0.0000000	0.2155397349	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	90	8.6673256	0.0000000000	0.0000000000	2.138484e-03	0.000000e+00
##	SAMPLE	91	0.3261257	0.0106798081	0.0000000000	1.649964e-02	0.000000e+00
##	SAMPLE	92	0.0000000	0.0000000000	0.0000000000	1.800848e-03	0.000000e+00
##	SAMPLE	93	0.7713255	0.0339228738	0.0000000000	1.161458e+01	8.702119e-04
##	SAMPLE	94	0.0000000	0.0000000000	0.0000000000	2.816967e-02	0.000000e+00
##	SAMPLE	95	0.0000000	0.0482772043	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	96	0.5392657	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	97	0.0000000	0.0000000000	0.0000000000	6.184220e-03	0.000000e+00
##	SAMPLE	98	11.8542847	0.0000000000	0.0000000000	1.127037e-02	0.000000e+00
##	SAMPLE	99	0.0000000	0.0000000000	0.0000000000	1.049771e-02	0.000000e+00
##	SAMPLE	100	0.0000000	0.0040052366	0.0000000000	9.862025e-03	0.000000e+00
##	SAMPLE	101	12.5607691	0.0065646132	0.0000000000	1.985852e-01	0.000000e+00
##	SAMPLE	102	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	103	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	104	0.0000000	0.0150832390	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	105	12.1079250	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	106	0.6578459	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	107	0.0000000	0.5048377506	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	108	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	109	0.0000000	0.0107457202	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	110	0.0000000	0.4478388860	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	111	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	112	0.0000000	0.0798134465	0.0000000000	3.481832e-02	0.000000e+00
##	SAMPLE	113	0.0000000	0.0000000000	0.0000000000	1.049995e-03	0.000000e+00
##	SAMPLE	114	0.0000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00

##	SAMPLE 115	0.00000000	0.000000000000	0.000000000000	5.206667e-03	0.000000e+00
##	SAMPLE 116	0.00000000	0.3808328007	0.000000000000	0.000000e+00	0.000000e+00
##	SAMPLE 117	0.00000000	0.000000000000	0.000000000000	2.499215e-04	0.000000e+00
##	SAMPLE 118	0.00000000	0.000000000000	0.000000000000	0.000000e+00	0.000000e+00
##	SAMPLE 119	0.00000000	0.000000000000	0.000000000000	0.000000e+00	0.000000e+00
##	SAMPLE 120	0.00000000	0.000000000000	0.000000000000	0.000000e+00	0.000000e+00
##	SAMPLE 121	12.4330248	0.000000000000	0.000000000000	2.042815e-04	0.000000e+00
##		OTU 293	OTU 295	OTU 298	OTU 301	OTU 305
##	SAMPLE 1	0.0000000000	0.0320885434	3.038581e-04	0.0071616310	0.0000000000
##	SAMPLE 2	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 3	0.0000000000	0.000000000000	1.174498e-03	0.0158485520	0.004188316
##	SAMPLE 4	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 5	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 6	0.0000000000	0.000000000000	0.000000e+00	0.0061477038	0.001183074
##	SAMPLE 7	0.0000000000	0.0072938786	8.116794e-03	0.0052620697	0.001285987
##	SAMPLE 8	0.0000000000	0.2127421181	1.490986e-02	0.0024405967	0.0000000000
##	SAMPLE 9	0.0000000000	0.000000000000	7.429305e-03	0.000000000000	0.0000000000
##	SAMPLE 10	0.0000000000	0.000000000000	0.000000e+00	0.0002722690	0.0000000000
##	SAMPLE 11	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 12	10.083598288	0.0101829717	6.997205e-02	0.0101692249	0.0000000000
##	SAMPLE 13	0.0000000000	0.000000000000	1.341503e-02	0.0391708590	0.0000000000
##	SAMPLE 14	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 15	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 16	0.0000000000	0.000000000000	6.089220e-02	0.0225199399	0.0000000000
##	SAMPLE 17	0.0000000000	0.0228389515	3.665893e-02	0.000000000000	0.006181377
##	SAMPLE 18	0.0000000000	0.0485462162	2.441272e-03	0.0637070929	0.0000000000
##	SAMPLE 19	0.0000000000	0.0126658036	1.213456e+01	0.000000000000	0.0000000000
##	SAMPLE 20	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 21	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 22	0.0000000000	0.1098425495	1.919434e-03	0.000000000000	0.024871159
##	SAMPLE 23	0.0000000000	0.0469730878	8.619628e-03	0.0032102558	0.006574065
##	SAMPLE 24	0.0000000000	0.000000000000	0.000000e+00	0.0498654432	0.0000000000
##	SAMPLE 25	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 26	0.0000000000	0.000000000000	0.000000e+00	0.0106257693	0.186464587
##	SAMPLE 27	0.0000000000	0.0044162601	1.531046e-02	0.000000000000	0.0000000000
##	SAMPLE 28	0.0000000000	0.0111324295	0.000000e+00	0.000000000000	0.006610277
##	SAMPLE 29	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.007027246
##	SAMPLE 30	0.0000000000	0.1586466040	2.435750e-02	0.0040125821	0.0000000000
##	SAMPLE 31	0.0000000000	0.0179924403	1.194470e+01	0.000000000000	0.0000000000
##	SAMPLE 32	12.522517031	0.000000000000	3.061704e-03	0.0170770387	0.0000000000
##	SAMPLE 33	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 34	0.0000000000	0.0318654008	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 35	0.0000000000	0.000000000000	2.846010e-03	0.000000000000	0.0000000000
##	SAMPLE 36	0.792953032	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 37	0.463730215	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 38	0.187003026	0.000000000000	0.000000e+00	0.0017278287	0.0000000000
##	SAMPLE 39	0.0000000000	0.0369227831	0.000000e+00	0.0037512970	0.0000000000
##	SAMPLE 40	0.0000000000	0.0069190642	1.095633e-01	0.000000000000	0.0000000000
##	SAMPLE 41	12.139242299	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 42	0.0000000000	0.0019899187	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 43	0.0000000000	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 44	0.0000000000	0.000000000000	1.572049e-02	0.000000000000	0.0000000000
##	SAMPLE 45	0.0000000000	0.0027560568	6.224203e-03	0.0123801139	0.0000000000
##	SAMPLE 46	0.0000000000	0.000000000000	2.147878e-03	0.0365075559	0.010360653
##	SAMPLE 47	0.001555083	0.000000000000	0.000000e+00	0.000000000000	0.0000000000
##	SAMPLE 48	0.0000000000	0.5713907065	1.256505e+01	0.0109390984	0.0000000000

##	SAMPLE	49	0.000000000	0.0573704219	5.182135e-03	0.0150061308	0.000000000
##	SAMPLE	50	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	51	0.000000000	0.0032123691	0.000000e+00	0.0036231735	0.003429204
##	SAMPLE	52	0.000000000	0.6579682706	3.750292e-01	0.000000000	0.000000000
##	SAMPLE	53	0.000000000	0.0006793913	2.188426e-02	0.000000000	0.000000000
##	SAMPLE	54	0.000000000	0.0084807388	2.089019e-02	0.000000000	0.011667238
##	SAMPLE	55	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	56	0.000000000	0.000000000	1.070044e-01	0.0499823459	0.000000000
##	SAMPLE	57	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	58	0.000000000	0.000000000	5.575554e-03	0.0216008067	0.005352076
##	SAMPLE	59	0.000000000	0.000000000	0.000000e+00	0.0194666642	0.000000000
##	SAMPLE	60	0.000000000	0.000000000	1.424180e-02	0.000000000	0.000000000
##	SAMPLE	61	12.399471111	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	62	12.542592078	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	63	0.000000000	0.000000000	1.102486e-01	0.000000000	0.006115143
##	SAMPLE	64	0.000000000	0.0394364561	1.090412e-01	0.0124804239	0.000000000
##	SAMPLE	65	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	66	0.000000000	0.0073580367	5.511457e-02	0.0385306384	0.001448260
##	SAMPLE	67	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	68	0.030944551	0.2589557048	5.113976e-02	0.0069405440	0.000000000
##	SAMPLE	69	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	70	0.117982371	0.000000000	0.000000e+00	0.000000000	0.028352835
##	SAMPLE	71	0.000000000	0.0040933518	4.637868e-03	0.000000000	0.000000000
##	SAMPLE	72	0.000000000	0.000000000	0.000000e+00	0.000000000	0.016751693
##	SAMPLE	73	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	74	0.000000000	0.000000000	3.193730e-02	0.000000000	0.000000000
##	SAMPLE	75	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	76	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	77	0.000000000	0.000000000	1.409006e-02	0.0008231226	0.000000000
##	SAMPLE	78	0.000000000	0.000000000	3.498517e-03	0.000000000	0.000000000
##	SAMPLE	79	0.000000000	0.0015479684	0.000000e+00	0.0040445416	0.000000000
##	SAMPLE	80	0.000000000	0.0067206192	8.813197e-03	0.0054785039	0.000000000
##	SAMPLE	81	0.000000000	0.000000000	6.886996e-04	0.0045569972	0.000000000
##	SAMPLE	82	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	83	0.255837818	0.0037056319	5.612015e-03	0.0337546900	0.000000000
##	SAMPLE	84	14.045537501	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	85	0.000000000	0.000000000	9.362414e-02	0.000000000	0.000000000
##	SAMPLE	86	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	87	0.000000000	0.0160150689	0.000000e+00	0.0011951372	0.000000000
##	SAMPLE	88	0.000000000	0.000000000	2.356054e-03	0.000000000	0.015013213
##	SAMPLE	89	0.000000000	0.000000000	3.250825e-02	0.000000000	0.000000000
##	SAMPLE	90	0.000000000	0.000000000	0.000000e+00	0.000000000	0.007168313
##	SAMPLE	91	0.000000000	0.0029600997	2.090017e-02	0.0163545591	0.000000000
##	SAMPLE	92	0.000000000	0.000000000	5.288741e-03	0.0019517393	0.000000000
##	SAMPLE	93	0.000000000	0.000000000	1.494827e-03	0.0193928940	0.000000000
##	SAMPLE	94	0.000000000	0.000000000	5.107700e-02	0.000000000	0.000000000
##	SAMPLE	95	0.000000000	0.000000000	8.517019e-02	0.0024753594	0.000000000
##	SAMPLE	96	0.000000000	0.0063037244	5.287380e-02	0.0069892954	0.000000000
##	SAMPLE	97	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	98	0.000000000	0.000000000	1.538776e-02	0.0128221608	0.000000000
##	SAMPLE	99	0.000000000	0.0095078992	5.315026e-02	0.0281042535	0.000000000
##	SAMPLE	100	0.000000000	0.0001712834	2.700412e-03	0.0004770736	0.000000000
##	SAMPLE	101	0.000000000	0.000000000	0.000000e+00	0.0042284105	0.000000000
##	SAMPLE	102	0.667081562	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	103	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	104	0.000000000	0.0108227352	3.704653e-03	0.0010819423	0.000000000

##	SAMPLE	105	0.000000000	0.000000000	1.190059e-02	0.0019056812	0.000000000
##	SAMPLE	106	0.000000000	0.000000000	4.030819e-03	0.000000000	0.000000000
##	SAMPLE	107	0.000000000	0.0718304386	1.330631e-01	0.000000000	0.000000000
##	SAMPLE	108	0.000000000	0.000000000	2.182860e-03	0.0100019371	0.000000000
##	SAMPLE	109	0.000000000	0.000000000	4.346035e-03	0.0079646100	0.000000000
##	SAMPLE	110	0.000000000	0.0117177910	2.882956e-02	0.000000000	0.000000000
##	SAMPLE	111	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	112	0.000000000	0.0012070165	1.117461e-02	0.000000000	0.000000000
##	SAMPLE	113	0.000000000	0.0133118804	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	114	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	115	0.000000000	0.000000000	0.000000e+00	0.000000000	0.005169922
##	SAMPLE	116	0.000000000	0.0154229944	1.072385e-02	0.000000000	0.000000000
##	SAMPLE	117	0.000000000	0.000000000	0.000000e+00	0.0012727586	0.000000000
##	SAMPLE	118	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	119	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	120	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	121	0.000000000	0.000000000	0.000000e+00	0.0167794735	0.000000000
##			OTU 307	OTU 309	OTU 311	OTU 313	OTU 315
##	SAMPLE	1	0.682429061	1.071772e+01	13.238760570	1.125142e+01	0.000000e+00
##	SAMPLE	2	0.632188611	2.717840e-02	0.742072166	2.352227e-01	2.771103e-01
##	SAMPLE	3	12.924732994	6.761215e-01	0.565760087	1.434879e+01	6.666352e-02
##	SAMPLE	4	0.718264480	3.509990e-01	0.192251349	1.158276e+01	1.121094e-01
##	SAMPLE	5	0.720450121	1.289373e+01	0.513488446	1.418260e+01	1.182561e+01
##	SAMPLE	6	0.206675449	1.199500e+01	0.000000000	3.442721e-01	1.269137e+01
##	SAMPLE	7	12.594484524	1.054015e+01	0.532207246	2.755701e-03	5.503830e-03
##	SAMPLE	8	13.661624854	6.823967e-01	0.000000000	9.384077e-04	0.000000e+00
##	SAMPLE	9	13.098292188	4.001457e-01	0.001886061	1.435874e+01	1.337737e+01
##	SAMPLE	10	0.763340254	1.230676e+01	0.115426527	1.283339e+01	2.217775e-01
##	SAMPLE	11	11.932834401	1.226076e+01	0.321119321	1.377513e+01	1.247876e+01
##	SAMPLE	12	0.000000000	5.459055e-01	0.187785508	1.380565e+01	1.033099e+01
##	SAMPLE	13	9.536217209	1.296253e+01	0.611656109	1.433133e+01	1.182277e+01
##	SAMPLE	14	11.820295292	6.461307e-02	0.261366852	1.334583e+01	3.545795e-01
##	SAMPLE	15	0.071643565	1.467751e-02	0.264035618	1.185044e+01	0.000000e+00
##	SAMPLE	16	9.996245464	2.922635e-01	0.000000000	1.228131e-01	6.601751e-03
##	SAMPLE	17	12.976911128	1.586845e-04	0.000000000	1.480402e+01	0.000000e+00
##	SAMPLE	18	0.660675640	8.076279e-03	0.516144848	1.269049e+01	0.000000e+00
##	SAMPLE	19	0.000000000	0.000000e+00	0.000000000	3.759528e-01	0.000000e+00
##	SAMPLE	20	11.881352602	1.314594e+01	0.529386188	1.842415e-01	0.000000e+00
##	SAMPLE	21	12.311336858	1.252412e+01	9.697734100	1.056762e-01	1.092156e-02
##	SAMPLE	22	0.412758735	1.242213e+01	0.766001159	1.308222e+01	4.762364e-04
##	SAMPLE	23	13.823665841	1.223203e+01	0.419950657	1.230418e+01	1.455562e+01
##	SAMPLE	24	0.030772982	1.269883e+01	0.000000000	1.305397e-01	3.961297e-01
##	SAMPLE	25	13.432429871	1.278048e+01	0.586992720	1.466303e+01	5.985383e-01
##	SAMPLE	26	13.199900523	9.397243e-01	0.141191523	1.241533e+01	1.375936e+01
##	SAMPLE	27	0.000000000	8.065442e-01	0.373152890	1.378284e+01	4.427096e-02
##	SAMPLE	28	0.000000000	4.389675e-01	12.157169473	7.359938e-01	2.762621e-01
##	SAMPLE	29	12.164077951	1.336794e+01	0.324126772	1.400489e+01	2.890690e-01
##	SAMPLE	30	0.020314035	3.297145e-04	0.000000000	4.101007e-03	1.110593e-01
##	SAMPLE	31	0.002831359	0.000000e+00	0.000000000	1.346629e+01	7.745484e-02
##	SAMPLE	32	0.377185260	1.260121e-01	0.125675833	1.460778e-01	6.247559e-01
##	SAMPLE	33	14.181096500	1.739099e-01	0.054106724	1.375121e+01	2.321381e-01
##	SAMPLE	34	0.000000000	0.000000e+00	0.000000000	7.806851e-04	0.000000e+00
##	SAMPLE	35	0.151322563	1.391663e+01	0.058691072	1.286782e+01	7.390739e-04
##	SAMPLE	36	0.588593390	9.983417e-01	0.160138689	1.461544e+01	1.157115e-01
##	SAMPLE	37	9.763103410	3.361508e-01	0.078017214	1.439821e+01	1.187528e+01
##	SAMPLE	38	13.286699441	3.071566e-01	0.307564292	1.418210e+01	2.428648e-01

##	SAMPLE	39	12.244028551	1.282983e-01	0.000000000	1.958528e-01	3.014228e-01
##	SAMPLE	40	0.016669788	2.028105e-02	0.000000000	1.260625e+01	0.000000e+00
##	SAMPLE	41	8.619810370	1.240519e+01	0.349736111	1.433209e+01	1.026039e-02
##	SAMPLE	42	0.001903483	5.538905e-01	0.390560267	8.655830e-02	0.000000e+00
##	SAMPLE	43	0.000000000	1.430363e+01	12.985168894	1.252221e+01	0.000000e+00
##	SAMPLE	44	0.105248103	1.593338e-01	0.000000000	8.944465e-02	1.251558e-01
##	SAMPLE	45	11.497222558	4.531635e-01	0.391525093	1.508157e+01	0.000000e+00
##	SAMPLE	46	12.626170499	3.321431e-01	0.445266548	5.572008e-03	1.251898e+01
##	SAMPLE	47	0.541493030	1.764642e-02	0.141405612	3.291119e-01	4.896522e-01
##	SAMPLE	48	0.000000000	2.098738e-01	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	49	13.299035440	5.802601e-02	0.002014764	1.236337e+01	1.356171e+01
##	SAMPLE	50	0.035803579	9.680054e+00	0.083061233	1.441815e+01	0.000000e+00
##	SAMPLE	51	12.519678423	1.235096e-01	0.104063551	7.858299e-03	4.885281e-01
##	SAMPLE	52	0.000000000	5.709219e-03	0.000000000	1.936416e-02	0.000000e+00
##	SAMPLE	53	13.978557123	1.308104e+01	12.008581264	1.294781e+01	1.307096e+01
##	SAMPLE	54	12.327580179	6.039407e-01	0.120965603	5.764803e-01	9.791698e-02
##	SAMPLE	55	13.531276520	6.181702e-01	0.680352735	1.373042e+01	6.376258e-01
##	SAMPLE	56	0.000000000	6.413973e-02	0.001323719	3.864449e-02	1.396784e+01
##	SAMPLE	57	0.000000000	3.023296e-01	0.000000000	1.062060e+01	0.000000e+00
##	SAMPLE	58	0.573971017	1.326130e+01	11.862509501	1.236986e+01	1.285095e+01
##	SAMPLE	59	0.164704386	6.581007e-01	0.722808001	1.229511e+01	1.317419e+01
##	SAMPLE	60	0.000000000	1.540245e-02	0.376409831	6.672444e-01	4.621926e-01
##	SAMPLE	61	13.634895117	1.204658e+01	0.458983250	1.365070e+01	2.691382e-02
##	SAMPLE	62	13.124321217	1.347927e+01	0.669319464	1.434790e+01	7.885715e-01
##	SAMPLE	63	12.826199884	1.285005e+01	0.694317661	1.410188e+01	0.000000e+00
##	SAMPLE	64	0.000000000	4.738609e-02	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	65	0.000000000	1.894201e-01	0.000000000	6.141067e-01	3.143457e-03
##	SAMPLE	66	0.619217554	1.286412e+01	0.572465912	1.408807e+01	1.365856e+01
##	SAMPLE	67	13.022312841	6.039244e-01	0.126130067	1.295692e+01	1.208358e+01
##	SAMPLE	68	0.013542035	1.275089e+01	0.000000000	1.393272e+01	8.773152e-02
##	SAMPLE	69	0.468130592	5.610503e-01	0.126922481	7.544210e-01	1.370169e+01
##	SAMPLE	70	0.116790667	7.678096e-01	0.374371225	1.303067e+01	2.087569e-01
##	SAMPLE	71	0.020423023	7.771485e-01	0.675133120	1.492566e+01	0.000000e+00
##	SAMPLE	72	0.000332262	1.029467e-01	0.113138036	1.199103e+01	6.558066e-02
##	SAMPLE	73	12.710125459	8.081091e-01	0.293956796	1.318036e+01	1.892248e-01
##	SAMPLE	74	12.406373644	9.609389e+00	0.613896141	1.432017e+01	0.000000e+00
##	SAMPLE	75	13.394965973	2.240770e-01	0.158533342	1.348566e+01	0.000000e+00
##	SAMPLE	76	10.447486356	1.401298e+01	0.791015593	3.450659e-01	3.963522e-01
##	SAMPLE	77	0.000000000	1.807936e-01	0.578527397	1.439975e+01	0.000000e+00
##	SAMPLE	78	12.352485914	9.773747e+00	0.506333216	1.397137e+01	9.326940e-03
##	SAMPLE	79	11.873518111	5.784100e-01	0.614547108	4.628012e-01	1.259503e+01
##	SAMPLE	80	12.334824872	1.548877e-01	0.480778569	3.972502e-02	3.789797e-01
##	SAMPLE	81	13.016042421	6.895260e-01	0.253259869	7.783627e-01	2.339506e-01
##	SAMPLE	82	12.315250759	1.257469e+01	0.598511660	1.374865e+01	1.187168e+01
##	SAMPLE	83	12.578609026	1.823351e-01	9.736084504	1.390782e+01	1.205857e+01
##	SAMPLE	84	13.558599251	1.239432e+01	0.293125118	1.194944e+01	7.091295e-01
##	SAMPLE	85	0.000000000	1.125053e-01	0.000000000	3.515236e-02	0.000000e+00
##	SAMPLE	86	13.448975100	1.288860e+01	12.030727134	1.056049e+01	8.839205e-01
##	SAMPLE	87	0.331664782	7.211330e-03	0.753412956	1.414995e+01	7.932042e-02
##	SAMPLE	88	0.178853420	7.665118e-01	0.150516857	1.434677e+01	9.191833e-02
##	SAMPLE	89	0.000000000	3.881131e-02	0.000000000	3.934613e-01	0.000000e+00
##	SAMPLE	90	13.109020856	7.468248e-01	0.362771911	1.248721e+01	6.123888e-01
##	SAMPLE	91	14.004682314	3.919994e-01	0.090144655	5.677679e-02	4.116763e-01
##	SAMPLE	92	12.885492578	1.260229e+01	0.251427872	1.187424e+00	1.817921e-01
##	SAMPLE	93	0.051266421	1.206885e+01	12.021930474	1.388402e+01	1.806912e-02
##	SAMPLE	94	0.603598239	1.243995e+01	0.306510982	1.279099e+01	1.347421e-01

##	SAMPLE	95	13.065874930	6.810658e-01	0.820300720	0.000000e+00	7.047290e-02
##	SAMPLE	96	13.392478035	7.616603e-02	0.288396277	1.299519e+01	2.515210e-02
##	SAMPLE	97	14.210275552	6.265962e-01	0.156498251	1.346686e+01	1.348189e+01
##	SAMPLE	98	0.000000000	1.301184e+01	0.000000000	1.448709e+01	4.976217e-02
##	SAMPLE	99	13.612947124	1.331781e+01	0.000000000	6.668904e-03	0.000000e+00
##	SAMPLE	100	0.000000000	1.383542e+01	0.000000000	1.577145e-03	1.590498e-04
##	SAMPLE	101	11.846546864	1.234182e+01	0.342633040	1.104084e-01	1.191428e+01
##	SAMPLE	102	10.669248863	4.039268e-01	0.037061936	1.344485e+01	6.530674e-02
##	SAMPLE	103	11.868542922	1.293761e+01	0.229313747	1.420690e+01	6.982361e-01
##	SAMPLE	104	13.593981040	5.515387e-01	0.276666956	1.290570e+01	3.675861e-01
##	SAMPLE	105	0.820310614	4.073938e-02	0.080842745	1.198035e+01	1.321271e+01
##	SAMPLE	106	0.361928711	5.279331e-01	0.390305032	1.362780e+01	1.883562e-01
##	SAMPLE	107	0.000000000	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	108	0.844396268	2.371536e-01	0.472723445	6.921270e-01	1.001387e+01
##	SAMPLE	109	0.000000000	0.000000e+00	0.000000000	8.335357e-01	1.007657e+01
##	SAMPLE	110	0.015787650	0.000000e+00	0.000000000	1.145965e-02	1.306691e+01
##	SAMPLE	111	13.920613702	1.253674e+01	0.167320483	1.241312e+01	1.053306e-01
##	SAMPLE	112	12.695696061	3.683216e-02	0.471102440	1.278306e-02	0.000000e+00
##	SAMPLE	113	0.000000000	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	114	12.472593823	1.228092e+01	0.000000000	4.585806e-01	1.220622e+01
##	SAMPLE	115	0.000000000	1.357291e+01	0.140528877	1.538408e+01	0.000000e+00
##	SAMPLE	116	0.000000000	1.209153e+01	0.001858754	1.634008e-01	1.051025e-03
##	SAMPLE	117	12.174005030	1.275728e+01	0.508419048	1.316621e+01	1.328812e+01
##	SAMPLE	118	0.721646305	1.250182e-01	0.249525850	1.334565e+01	0.000000e+00
##	SAMPLE	119	11.002759814	8.032108e-01	0.135181385	1.412847e+01	0.000000e+00
##	SAMPLE	120	0.000000000	1.428642e-01	13.310100231	4.126026e-03	0.000000e+00
##	SAMPLE	121	11.283857932	1.295342e+01	0.030360050	1.762999e-02	4.901764e-01
##			OTU 317	OTU 321	OTU 324	OTU 326	OTU 328
##	SAMPLE	1	6.983064e-01	1.247551e+01	0.0065428816	8.538393e-02	12.604441890
##	SAMPLE	2	1.249352e+01	1.018602e-01	0.0000000000	0.000000e+00	0.301569229
##	SAMPLE	3	0.000000e+00	3.063313e-01	0.0000000000	4.101495e-02	11.713009926
##	SAMPLE	4	1.182841e+01	1.669050e-01	0.0000000000	6.111390e-02	12.508917872
##	SAMPLE	5	5.751319e-01	2.406464e-01	0.0000000000	1.259912e-01	12.853415303
##	SAMPLE	6	4.472993e-01	1.204027e-02	0.0000000000	4.749948e-01	0.167066861
##	SAMPLE	7	5.853202e-01	4.183483e-02	0.0000000000	1.871944e-01	12.546280917
##	SAMPLE	8	0.000000e+00	5.911384e-03	0.0000000000	7.622079e-01	13.055244985
##	SAMPLE	9	2.446285e-01	1.598893e-02	0.0000000000	5.146487e-01	0.366654437
##	SAMPLE	10	2.336941e-01	1.517581e-01	0.0000000000	1.372864e-01	0.397979880
##	SAMPLE	11	9.803714e-02	9.256366e-02	0.0000000000	0.000000e+00	11.520820410
##	SAMPLE	12	0.000000e+00	2.455049e-03	0.0000000000	1.041011e-03	0.614301891
##	SAMPLE	13	6.217674e-01	3.346832e-02	0.1044002282	6.046488e-01	13.133893308
##	SAMPLE	14	1.270829e-01	2.631253e-03	0.0000000000	3.705769e-02	0.140423123
##	SAMPLE	15	1.495232e-01	0.000000e+00	0.4612666364	0.000000e+00	0.270418147
##	SAMPLE	16	3.569392e-02	2.371390e-01	0.0886793941	0.000000e+00	7.226606682
##	SAMPLE	17	3.360990e-03	2.460880e-01	0.0000000000	1.169307e+01	0.172461477
##	SAMPLE	18	0.000000e+00	0.000000e+00	0.0000000000	3.901089e-01	0.256770993
##	SAMPLE	19	0.000000e+00	0.000000e+00	0.0000000000	1.334915e+01	0.000000000
##	SAMPLE	20	1.515375e-01	1.923629e-02	0.0000000000	0.000000e+00	11.354281128
##	SAMPLE	21	0.000000e+00	1.228958e-01	0.0000000000	0.000000e+00	11.818177423
##	SAMPLE	22	8.863504e-02	1.202667e-02	0.0000000000	0.000000e+00	0.648645622
##	SAMPLE	23	1.250957e+01	1.361569e-01	0.0111231520	1.512127e-01	0.336258442
##	SAMPLE	24	1.268423e+01	5.612799e-01	0.2727364030	5.955252e-01	13.375023592
##	SAMPLE	25	1.225055e+01	1.012298e-01	0.0103237681	5.681461e-03	0.704831035
##	SAMPLE	26	0.000000e+00	3.039373e-02	0.0000000000	0.000000e+00	12.584181421
##	SAMPLE	27	1.214606e+01	2.061763e-02	0.2361115273	1.217527e+01	13.484718002
##	SAMPLE	28	8.531352e-02	3.714321e-01	0.0000000000	4.582153e-03	11.397027089

##	SAMPLE	29	3.381074e-01	1.321166e-01	0.0014848532	5.791033e-04	12.187535425
##	SAMPLE	30	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.001799425
##	SAMPLE	31	0.000000e+00	0.000000e+00	0.0000000000	1.269736e+01	0.0000000000
##	SAMPLE	32	7.977339e-03	6.479662e-02	0.0000000000	1.476716e-01	0.225845430
##	SAMPLE	33	5.886828e-01	0.000000e+00	0.0000000000	0.000000e+00	0.290973937
##	SAMPLE	34	1.242681e+01	0.000000e+00	0.0000000000	1.048519e+01	0.450946437
##	SAMPLE	35	2.329742e-01	4.651743e-02	0.2835002884	1.216112e+01	0.737763152
##	SAMPLE	36	5.254161e-01	5.175441e-02	0.0000000000	4.826541e-02	0.860956181
##	SAMPLE	37	4.806166e-01	1.738748e-02	0.0000000000	0.000000e+00	0.468620986
##	SAMPLE	38	4.543261e-02	1.067518e-02	0.0000000000	6.237747e-03	11.161268132
##	SAMPLE	39	9.691798e-02	4.376005e-02	0.0000000000	0.000000e+00	0.577265015
##	SAMPLE	40	4.787756e-03	0.000000e+00	0.0000000000	2.061505e-01	0.101055813
##	SAMPLE	41	9.731507e+00	9.360252e-02	0.0000000000	0.000000e+00	12.246661526
##	SAMPLE	42	4.281766e-02	4.188080e-02	0.0000000000	8.537283e-03	12.204723091
##	SAMPLE	43	1.203504e+01	1.234731e+01	0.0166340357	1.116665e+01	12.421449612
##	SAMPLE	44	0.000000e+00	1.356720e-02	0.0000000000	3.330394e-01	0.045494609
##	SAMPLE	45	3.185041e-01	1.934378e-01	0.0000000000	2.406424e-02	0.495937249
##	SAMPLE	46	9.210843e-04	5.985853e-01	0.0000000000	0.000000e+00	11.322611147
##	SAMPLE	47	1.210285e+01	0.000000e+00	0.0000000000	1.196304e+01	0.124966202
##	SAMPLE	48	0.000000e+00	0.000000e+00	0.1234270207	1.240845e+01	0.164017114
##	SAMPLE	49	8.811250e-04	1.297785e-02	0.0000000000	0.000000e+00	0.340855870
##	SAMPLE	50	6.695296e-01	7.278725e-02	0.0000000000	6.527321e-01	11.124228681
##	SAMPLE	51	3.062107e-01	7.260771e-02	0.0000000000	0.000000e+00	11.051290342
##	SAMPLE	52	0.000000e+00	1.677592e-01	0.0390788995	1.206056e-01	0.998789652
##	SAMPLE	53	7.729077e-01	2.013411e-01	0.0000000000	3.412222e-01	13.099910255
##	SAMPLE	54	1.193614e+01	6.858253e-02	0.0236818768	1.185753e+01	12.424719724
##	SAMPLE	55	1.291672e+01	4.437822e-01	0.0000000000	7.346762e-02	0.554400013
##	SAMPLE	56	0.000000e+00	6.805512e-02	0.0000000000	1.237945e+01	0.349724496
##	SAMPLE	57	0.000000e+00	5.806426e-02	0.0000000000	6.240050e-01	0.330371764
##	SAMPLE	58	2.562790e-01	1.185305e+01	0.0000000000	0.000000e+00	0.554362487
##	SAMPLE	59	1.206172e-01	1.246828e+01	0.1712261170	2.026275e-02	14.054792359
##	SAMPLE	60	1.321946e-01	3.900520e-03	0.0000000000	1.252661e+01	0.413759005
##	SAMPLE	61	9.960873e-02	7.419548e-02	0.0000000000	5.115944e-01	0.832307869
##	SAMPLE	62	4.535021e-01	1.221639e+01	0.0000000000	0.000000e+00	11.786128463
##	SAMPLE	63	1.366113e-03	2.197452e-01	0.0000000000	1.921928e-01	11.057836206
##	SAMPLE	64	0.000000e+00	3.321648e-02	0.0000000000	1.354069e+01	12.364428686
##	SAMPLE	65	0.000000e+00	6.612105e-04	0.0000000000	1.238032e+01	13.971639085
##	SAMPLE	66	1.180305e+01	3.042171e-02	0.0000000000	7.882807e-02	0.579387965
##	SAMPLE	67	1.209745e+01	3.178722e-02	0.0000000000	0.000000e+00	0.664693224
##	SAMPLE	68	0.000000e+00	2.722966e-02	0.2274531599	0.000000e+00	0.541695748
##	SAMPLE	69	1.033922e-01	4.542805e-02	0.0000000000	2.230269e-01	0.750750012
##	SAMPLE	70	0.000000e+00	1.217440e+01	0.0000000000	0.000000e+00	0.764841521
##	SAMPLE	71	1.235336e+01	2.770085e-01	0.1014230054	4.340803e-01	0.434096417
##	SAMPLE	72	1.200411e+01	2.914729e-02	0.0020057367	0.000000e+00	11.600913744
##	SAMPLE	73	1.246939e+01	6.842560e-01	0.0000000000	1.521558e-02	12.356175173
##	SAMPLE	74	1.179182e+01	8.129252e-02	0.0000000000	3.162703e-01	0.658808156
##	SAMPLE	75	0.000000e+00	0.000000e+00	0.0000000000	5.377624e-02	0.246627321
##	SAMPLE	76	9.457733e-01	1.112814e+01	0.0625315435	1.823213e-02	13.492777768
##	SAMPLE	77	1.236710e+01	0.000000e+00	0.0000000000	1.419325e+01	0.314433730
##	SAMPLE	78	1.187546e+01	5.964112e-02	0.0000000000	3.795698e-03	0.788677036
##	SAMPLE	79	1.311557e+01	3.084820e-01	0.0003042544	0.000000e+00	0.854439859
##	SAMPLE	80	3.001322e-01	1.807418e-01	0.0325430739	1.900534e-01	0.629251839
##	SAMPLE	81	4.479582e-02	2.418787e-02	0.0000000000	2.185641e-02	0.411330876
##	SAMPLE	82	6.690551e-01	9.835967e-02	0.0000000000	0.000000e+00	12.418732962
##	SAMPLE	83	5.066943e-02	4.464070e-01	0.0212474803	1.184707e+01	0.805457812
##	SAMPLE	84	9.638837e-03	1.065076e-01	0.0000000000	1.472382e-01	12.181459089

##	SAMPLE	85	0.000000e+00	0.000000e+00	0.0000000000	1.296837e+01	12.929079860
##	SAMPLE	86	1.357682e+01	2.050700e-01	0.0124754180	0.000000e+00	0.590619224
##	SAMPLE	87	3.334870e-01	9.212825e-03	0.0000000000	8.849521e-02	0.303263343
##	SAMPLE	88	1.252037e+01	2.131180e-01	0.0000000000	0.000000e+00	0.783485187
##	SAMPLE	89	1.039463e-02	0.000000e+00	0.0000000000	0.000000e+00	0.023646600
##	SAMPLE	90	2.949009e-01	1.050050e-01	0.0000000000	0.000000e+00	0.735207532
##	SAMPLE	91	4.090737e-01	7.220815e-02	0.0000000000	0.000000e+00	0.560062361
##	SAMPLE	92	1.074682e+00	6.260838e-02	0.0026246704	6.441997e-02	0.579323411
##	SAMPLE	93	3.899783e-01	1.020827e-01	0.0000000000	4.343506e-03	12.347227076
##	SAMPLE	94	1.262685e+01	6.894501e-02	0.0000000000	2.172770e-01	0.641818894
##	SAMPLE	95	1.340872e+01	8.839277e-01	0.1852918740	4.291097e-02	0.116569851
##	SAMPLE	96	0.000000e+00	0.000000e+00	0.0000000000	2.641432e-01	0.628619812
##	SAMPLE	97	7.061138e-01	0.000000e+00	0.0000000000	0.000000e+00	11.933440733
##	SAMPLE	98	0.000000e+00	3.056270e-01	0.0104587683	6.665798e-01	0.050865602
##	SAMPLE	99	1.230997e+01	7.166532e-02	0.0000000000	1.228982e+01	13.330025186
##	SAMPLE	100	0.000000e+00	2.532243e-02	0.0000000000	0.000000e+00	12.684359542
##	SAMPLE	101	3.395448e-01	2.241286e-01	0.0000000000	2.039878e-03	11.546213573
##	SAMPLE	102	2.292121e-01	6.829580e-02	0.0000000000	0.000000e+00	0.483203657
##	SAMPLE	103	4.235304e-01	1.539438e-01	0.1533501842	1.161870e-02	12.331941715
##	SAMPLE	104	5.286674e-01	9.110652e-03	0.0000000000	5.034416e-03	0.401756956
##	SAMPLE	105	3.300291e-01	1.309554e-02	0.0000000000	2.445438e-03	0.072814711
##	SAMPLE	106	2.027029e-02	0.000000e+00	0.0000000000	4.844840e-01	0.531106836
##	SAMPLE	107	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	11.616037055
##	SAMPLE	108	1.508802e-01	0.000000e+00	0.0000000000	0.000000e+00	11.618942688
##	SAMPLE	109	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	110	0.000000e+00	3.319834e-03	0.0000000000	6.553714e-01	0.112263192
##	SAMPLE	111	1.265350e+01	3.698428e-01	0.0000000000	0.000000e+00	0.863418450
##	SAMPLE	112	2.755909e-01	1.870161e-02	0.0000000000	0.000000e+00	0.646792150
##	SAMPLE	113	0.000000e+00	0.000000e+00	0.0000000000	1.305776e+01	0.396204076
##	SAMPLE	114	1.238929e+01	2.356902e-01	0.0000000000	0.000000e+00	11.865070387
##	SAMPLE	115	7.420401e-01	1.987207e-01	0.0000000000	1.119023e-02	12.052178186
##	SAMPLE	116	5.807225e-03	5.847383e-02	0.0089158754	0.000000e+00	11.319570070
##	SAMPLE	117	2.136137e-02	6.556394e-02	0.0000000000	0.000000e+00	11.807637775
##	SAMPLE	118	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.236363806
##	SAMPLE	119	1.284033e+01	1.192228e+01	0.0000000000	0.000000e+00	10.009064816
##	SAMPLE	120	0.000000e+00	4.083400e-02	0.0000000000	1.307677e+01	13.481877953
##	SAMPLE	121	0.000000e+00	2.774022e-01	0.0000000000	0.000000e+00	12.227232344
##			OTU 330	OTU 333	OTU 335	OTU 337	OTU 339
##	SAMPLE	1	0.53640242	0.000000e+00	0.036801054	6.423562e-01	1.371633e+01
##	SAMPLE	2	12.40959407	0.000000e+00	0.000000000	1.919176e-01	1.191420e+01
##	SAMPLE	3	13.15155968	0.000000e+00	0.000000000	2.619834e-01	7.074156e-01
##	SAMPLE	4	13.66584974	5.029493e-01	0.000000000	7.166384e-01	1.280132e+01
##	SAMPLE	5	12.29858731	0.000000e+00	0.000000000	5.799995e-01	6.886067e-01
##	SAMPLE	6	12.66111191	8.147643e-02	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	7	12.61532059	0.000000e+00	0.003803159	2.793433e-01	1.302613e+01
##	SAMPLE	8	13.10039797	2.308689e-02	0.000000000	8.037679e-01	0.000000e+00
##	SAMPLE	9	12.51477519	6.095708e-02	0.000000000	4.555261e-02	0.000000e+00
##	SAMPLE	10	0.50158179	0.000000e+00	0.000000000	4.396251e-01	1.173067e+01
##	SAMPLE	11	12.22235751	1.299729e+01	0.000000000	4.487890e-01	1.205647e+01
##	SAMPLE	12	13.07934018	4.410521e-02	0.000000000	2.462176e-01	6.999300e-01
##	SAMPLE	13	12.23843528	9.035832e-03	0.000000000	2.178036e-01	1.267105e+01
##	SAMPLE	14	11.79979725	0.000000e+00	0.000000000	9.682762e-02	5.603483e-01
##	SAMPLE	15	12.56251496	0.000000e+00	0.000000000	2.066494e-01	6.830651e-01
##	SAMPLE	16	0.55080412	0.000000e+00	0.000000000	5.403524e-01	0.000000e+00
##	SAMPLE	17	12.48311731	2.072249e-03	0.000000000	0.000000e+00	1.812038e-03
##	SAMPLE	18	0.82334065	0.000000e+00	0.000000000	2.284194e-02	3.396750e-01

##	SAMPLE	19	12.91160640	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	20	13.39561962	2.737804e-02	0.000000000	9.629535e-02	1.173065e+01
##	SAMPLE	21	12.08589531	0.000000e+00	0.000000000	5.286996e-01	6.160278e-01
##	SAMPLE	22	0.25532034	0.000000e+00	0.079526006	7.713283e-02	1.813183e-01
##	SAMPLE	23	13.19202063	0.000000e+00	0.000000000	1.672201e-01	2.895030e-01
##	SAMPLE	24	0.33978891	0.000000e+00	0.000000000	7.651093e-01	0.000000e+00
##	SAMPLE	25	12.24272144	0.000000e+00	0.000000000	5.456713e-01	9.431330e-01
##	SAMPLE	26	12.27265615	1.337263e+01	0.000000000	4.871916e-01	1.947637e-01
##	SAMPLE	27	0.85956840	0.000000e+00	0.000000000	0.000000e+00	1.206035e+01
##	SAMPLE	28	0.55980260	5.463440e-02	0.000000000	8.064511e-01	1.259867e+01
##	SAMPLE	29	11.31469906	0.000000e+00	0.000000000	4.372748e-01	5.536208e-01
##	SAMPLE	30	0.18668125	0.000000e+00	0.000000000	4.818537e-04	0.000000e+00
##	SAMPLE	31	12.47523682	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	32	11.98177300	5.135182e-02	0.000000000	2.870668e-01	5.199237e-01
##	SAMPLE	33	0.34289131	8.411243e-02	0.000000000	7.096550e-02	4.423542e-01
##	SAMPLE	34	12.64686560	0.000000e+00	0.000000000	0.000000e+00	3.720885e-01
##	SAMPLE	35	13.74019922	0.000000e+00	0.000000000	1.690892e-02	1.392332e+01
##	SAMPLE	36	0.81223091	1.334148e+01	0.000000000	6.160818e-01	1.254322e+01
##	SAMPLE	37	11.81237854	9.666588e+00	0.000000000	7.578239e-02	1.193795e+01
##	SAMPLE	38	0.70024239	1.437060e+01	0.000000000	6.317144e-01	1.238168e+01
##	SAMPLE	39	12.59149129	0.000000e+00	0.000000000	2.972930e-01	4.927497e-02
##	SAMPLE	40	12.98692864	9.323437e-03	0.000000000	0.000000e+00	1.605747e-01
##	SAMPLE	41	0.70025428	1.513734e+01	0.000000000	5.486872e-01	7.145302e-01
##	SAMPLE	42	12.17181092	1.284349e+01	0.000000000	4.318324e-01	7.967804e-01
##	SAMPLE	43	13.29839487	0.000000e+00	0.000000000	3.943930e-02	5.174831e-01
##	SAMPLE	44	12.54946834	1.010501e-02	0.000000000	1.225783e-01	8.679561e-02
##	SAMPLE	45	0.73490690	0.000000e+00	0.000000000	2.411747e-01	8.689763e-01
##	SAMPLE	46	12.90045163	1.469985e+01	0.000000000	1.447744e-01	1.256882e+01
##	SAMPLE	47	13.52351120	0.000000e+00	0.000000000	2.672399e-01	6.254733e-01
##	SAMPLE	48	0.55319369	0.000000e+00	0.000000000	0.000000e+00	1.340613e+01
##	SAMPLE	49	12.18230456	0.000000e+00	0.000000000	1.440883e-01	1.027845e-01
##	SAMPLE	50	13.50365624	0.000000e+00	0.000000000	9.996127e-02	1.216175e+01
##	SAMPLE	51	0.63215524	1.407530e+01	0.000000000	4.951293e-02	3.044641e-01
##	SAMPLE	52	12.32890844	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	53	12.11340665	0.000000e+00	0.000000000	5.152890e-01	0.000000e+00
##	SAMPLE	54	13.49865591	8.375900e-03	0.000000000	6.920491e-01	1.223794e+01
##	SAMPLE	55	12.71091930	1.335041e+01	0.000000000	3.522286e-01	1.216169e+01
##	SAMPLE	56	0.43543823	0.000000e+00	0.000000000	7.835459e-03	2.282984e-01
##	SAMPLE	57	0.00000000	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	58	11.82111107	3.061836e-03	0.000000000	0.000000e+00	7.108430e-01
##	SAMPLE	59	0.75503918	0.000000e+00	0.000000000	4.804657e-01	1.254010e+01
##	SAMPLE	60	14.38309431	2.720526e-02	0.000000000	4.669389e-01	1.351953e+01
##	SAMPLE	61	12.46686077	1.224877e+01	0.000000000	4.571836e-01	1.255352e+01
##	SAMPLE	62	12.32821542	0.000000e+00	0.000000000	4.569644e-01	1.241272e+01
##	SAMPLE	63	11.86122925	0.000000e+00	0.000000000	0.000000e+00	1.217460e+01
##	SAMPLE	64	13.01712096	0.000000e+00	0.000000000	0.000000e+00	1.130932e+01
##	SAMPLE	65	14.58442244	0.000000e+00	0.000000000	3.301921e-01	8.852187e+00
##	SAMPLE	66	13.71621071	0.000000e+00	0.000000000	0.000000e+00	7.875300e-01
##	SAMPLE	67	0.86351845	1.277297e+01	0.000000000	2.495441e-01	6.185904e-01
##	SAMPLE	68	12.76587607	2.148244e-01	0.000000000	6.380758e-01	6.707466e-04
##	SAMPLE	69	12.58685016	6.452586e-03	0.000000000	1.207084e+01	6.998741e-01
##	SAMPLE	70	13.12986139	0.000000e+00	0.000000000	5.640108e-01	1.173693e+01
##	SAMPLE	71	13.03474105	0.000000e+00	0.000000000	4.639087e-01	1.257945e+01
##	SAMPLE	72	13.02231768	0.000000e+00	0.000000000	3.225684e-01	1.209888e+01
##	SAMPLE	73	13.67566878	2.434495e-03	0.000000000	9.122144e-01	1.239642e+01
##	SAMPLE	74	13.01984460	1.071509e-02	0.000000000	4.504819e-01	6.799748e-01

##	SAMPLE	75	12.91032632	0.000000e+00	0.000000000	2.308509e-01	3.118455e-01
##	SAMPLE	76	13.26210843	0.000000e+00	0.000000000	1.031240e+01	8.184601e+00
##	SAMPLE	77	0.69752565	0.000000e+00	0.000000000	1.512676e-01	0.000000e+00
##	SAMPLE	78	12.13023272	6.772221e-02	0.000000000	4.487388e-01	1.211277e+01
##	SAMPLE	79	12.39251297	3.774498e-02	0.000000000	3.278818e-01	1.199205e+01
##	SAMPLE	80	13.07009544	0.000000e+00	0.000000000	2.352096e-01	6.168457e-01
##	SAMPLE	81	12.08162498	1.491229e+01	0.000000000	2.051789e-01	5.381039e-01
##	SAMPLE	82	13.18784826	0.000000e+00	0.000000000	3.191368e-01	1.185722e+01
##	SAMPLE	83	0.26330584	1.254944e+01	0.000000000	0.000000e+00	7.527747e-01
##	SAMPLE	84	9.65682057	0.000000e+00	0.000000000	2.564605e-01	1.168579e+01
##	SAMPLE	85	14.43783690	0.000000e+00	0.000000000	5.171792e-01	1.195514e+01
##	SAMPLE	86	0.84059061	0.000000e+00	0.000000000	5.232813e-01	1.305531e+01
##	SAMPLE	87	13.34526280	0.000000e+00	0.000000000	6.615075e-02	2.978586e-01
##	SAMPLE	88	11.99477567	3.600402e-03	0.000000000	5.250694e-01	1.238558e+01
##	SAMPLE	89	0.02982507	0.000000e+00	0.000000000	0.000000e+00	4.285513e-02
##	SAMPLE	90	12.32746766	1.387295e+01	0.000000000	5.742085e-01	1.185171e+01
##	SAMPLE	91	10.57356972	4.414845e-03	0.000000000	2.861113e-01	5.145462e-01
##	SAMPLE	92	1.12007129	3.032857e-02	0.000000000	4.712249e-01	1.269918e+01
##	SAMPLE	93	12.65168527	1.226109e-04	0.000000000	2.762353e-01	1.059808e+01
##	SAMPLE	94	12.22603262	7.313520e-01	0.000000000	2.499653e-01	1.280822e+01
##	SAMPLE	95	13.33255014	0.000000e+00	0.000000000	0.000000e+00	1.343382e+01
##	SAMPLE	96	13.40324459	0.000000e+00	0.000000000	4.572070e-01	5.472830e-01
##	SAMPLE	97	11.73893041	0.000000e+00	0.000000000	1.239753e-01	7.505372e-01
##	SAMPLE	98	12.82164022	0.000000e+00	0.000000000	2.005606e-01	0.000000e+00
##	SAMPLE	99	12.02888097	1.580068e-03	0.000000000	0.000000e+00	1.197675e+01
##	SAMPLE	100	0.48368730	0.000000e+00	0.001033372	5.756761e-02	4.660012e-01
##	SAMPLE	101	12.76425779	0.000000e+00	0.000000000	1.922897e-01	5.509527e-01
##	SAMPLE	102	0.38975704	1.538014e+01	0.000000000	4.202191e-02	5.760116e-01
##	SAMPLE	103	12.93903506	0.000000e+00	0.000000000	1.761758e-01	1.222920e+01
##	SAMPLE	104	0.80349667	1.320478e+01	0.000000000	2.893473e-01	8.407648e-01
##	SAMPLE	105	0.38377902	0.000000e+00	0.000000000	1.073130e-01	4.397141e-01
##	SAMPLE	106	12.49188788	0.000000e+00	0.000000000	1.878374e-01	1.211226e+01
##	SAMPLE	107	10.49029759	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	108	13.61609009	0.000000e+00	0.000000000	3.755066e-01	4.233050e-01
##	SAMPLE	109	0.12615572	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	110	13.88605599	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	111	12.15458188	1.030405e+01	0.000000000	2.609756e-01	1.293341e+01
##	SAMPLE	112	12.80291544	0.000000e+00	0.000000000	1.661539e-01	2.903500e-01
##	SAMPLE	113	13.33427365	0.000000e+00	0.000000000	0.000000e+00	1.115716e+01
##	SAMPLE	114	0.47980157	0.000000e+00	0.000000000	3.011465e-01	1.275550e+01
##	SAMPLE	115	0.55837199	0.000000e+00	0.000000000	3.236841e-01	0.000000e+00
##	SAMPLE	116	13.22057539	0.000000e+00	0.000000000	0.000000e+00	1.321858e+01
##	SAMPLE	117	12.53907613	1.452588e+01	0.000000000	1.796083e-01	1.214399e+01
##	SAMPLE	118	12.17304338	0.000000e+00	0.000000000	8.134208e-02	1.171659e+01
##	SAMPLE	119	12.28183455	0.000000e+00	0.000000000	2.366314e-01	1.230221e+01
##	SAMPLE	120	12.58067242	0.000000e+00	0.016074643	4.116487e-01	1.323486e+01
##	SAMPLE	121	12.31124214	3.724819e-04	0.000000000	4.835590e-01	1.212400e+01
##			OTU 341	OTU 343	OTU 346	OTU 348	OTU 350
##	SAMPLE	1	0.000000000	0.00000000	0.241696385	0.526049093	0.000000000
##	SAMPLE	2	0.000000000	0.00000000	0.105938590	0.095265418	0.06776601
##	SAMPLE	3	0.000000000	0.00000000	12.231484387	12.576588858	0.000000000
##	SAMPLE	4	0.000000000	0.00000000	11.800101805	12.554462455	0.000000000
##	SAMPLE	5	0.00403200	0.6286505	0.814070003	12.322181171	0.000000000
##	SAMPLE	6	0.000000000	0.00000000	0.000000000	0.188977664	0.06958095
##	SAMPLE	7	0.000000000	0.00000000	0.406712255	0.359799191	0.000000000
##	SAMPLE	8	0.000000000	0.00000000	11.849415940	0.000000000	0.000000000

##	SAMPLE 9	0.00000000	0.00000000	0.159219952	0.629861397	0.00000000
##	SAMPLE 10	0.00000000	0.00000000	0.448327271	11.998766044	0.00000000
##	SAMPLE 11	0.00000000	0.00000000	0.707523880	12.099724235	0.00000000
##	SAMPLE 12	0.00000000	0.2970576	0.283312410	0.269715048	0.00000000
##	SAMPLE 13	0.00000000	0.00000000	0.003968853	13.119761759	0.00000000
##	SAMPLE 14	0.00000000	0.00000000	0.130942626	0.030120485	0.00000000
##	SAMPLE 15	0.00000000	0.00000000	0.191075623	0.268082030	0.00000000
##	SAMPLE 16	0.00000000	0.00000000	0.164311781	12.320994685	0.00000000
##	SAMPLE 17	0.00000000	0.00000000	0.000000000	0.004377246	0.00952169
##	SAMPLE 18	0.00000000	0.9064240	0.134397747	0.192794558	0.00000000
##	SAMPLE 19	0.00000000	0.00000000	0.000000000	0.000000000	0.00000000
##	SAMPLE 20	0.00000000	0.3808463	11.819201003	12.891021810	0.00000000
##	SAMPLE 21	0.00000000	0.00000000	0.327322061	0.107708621	0.00000000
##	SAMPLE 22	0.00000000	0.00000000	12.086162454	0.609357317	0.00000000
##	SAMPLE 23	0.00000000	0.00000000	0.700543725	0.209857506	0.00000000
##	SAMPLE 24	0.00000000	0.00000000	0.000000000	0.304266382	0.04264402
##	SAMPLE 25	0.00000000	9.7272743	0.795418888	13.401608658	0.00000000
##	SAMPLE 26	0.00000000	0.6591158	0.563694359	0.741967589	0.00000000
##	SAMPLE 27	0.00000000	0.00000000	12.352463182	11.677895253	0.00000000
##	SAMPLE 28	0.00000000	0.3413595	12.257488484	13.948851851	0.00000000
##	SAMPLE 29	0.00000000	0.00000000	11.266923112	8.359953072	0.00000000
##	SAMPLE 30	0.00000000	0.00000000	0.000000000	0.000000000	0.00000000
##	SAMPLE 31	0.00000000	0.00000000	0.000000000	0.000000000	0.00000000
##	SAMPLE 32	0.00000000	0.00000000	0.199377919	0.561897581	0.00000000
##	SAMPLE 33	0.00000000	0.00000000	0.373325196	0.435165465	0.00000000
##	SAMPLE 34	0.00000000	0.00000000	12.116253733	12.465600605	0.00000000
##	SAMPLE 35	0.00000000	0.2240166	0.571858480	0.275203265	0.00000000
##	SAMPLE 36	0.00000000	0.00000000	0.609973822	13.436122150	0.00000000
##	SAMPLE 37	0.00000000	0.00000000	0.239360528	11.977399138	0.00000000
##	SAMPLE 38	0.00000000	12.7123429	0.252366366	10.420000448	0.00000000
##	SAMPLE 39	0.06108829	12.5114159	0.179581171	0.610948623	0.00000000
##	SAMPLE 40	0.00000000	0.00000000	0.356767231	0.214314019	0.00000000
##	SAMPLE 41	0.00000000	0.4735390	0.440896942	12.182947002	0.00000000
##	SAMPLE 42	0.00000000	0.00000000	0.702883716	0.362750836	0.00000000
##	SAMPLE 43	0.00000000	0.00000000	0.699832970	0.370981507	0.25889561
##	SAMPLE 44	0.00000000	12.5047774	0.190860259	0.486190785	0.00000000
##	SAMPLE 45	0.00000000	0.00000000	0.201126441	0.863464883	0.00000000
##	SAMPLE 46	0.00000000	0.3355685	0.804095919	0.295160840	0.00000000
##	SAMPLE 47	0.00000000	0.00000000	0.189357110	0.208825107	0.00000000
##	SAMPLE 48	0.00000000	0.00000000	0.000000000	0.000000000	0.03857526
##	SAMPLE 49	0.00000000	0.00000000	0.010284677	0.522559440	0.00000000
##	SAMPLE 50	0.00000000	0.00000000	0.771888375	0.441697599	0.00000000
##	SAMPLE 51	12.86292736	0.00000000	0.186247103	0.284427885	0.00000000
##	SAMPLE 52	0.00000000	0.00000000	1.092021459	0.545892770	0.19731299
##	SAMPLE 53	0.00000000	0.00000000	12.376162029	0.537356340	0.00000000
##	SAMPLE 54	0.00000000	0.00000000	12.215194737	9.731139609	0.00000000
##	SAMPLE 55	0.00000000	14.5221918	11.971660411	12.174747044	0.00000000
##	SAMPLE 56	0.00000000	12.1321315	0.051186373	0.321120388	0.00000000
##	SAMPLE 57	0.00000000	0.00000000	0.242192746	0.171759434	0.00000000
##	SAMPLE 58	0.00000000	12.9878088	0.355046778	12.346167156	0.00000000
##	SAMPLE 59	0.00000000	0.00000000	13.378388801	13.403447226	0.00000000
##	SAMPLE 60	0.00000000	0.00000000	0.096547693	13.543862411	0.00000000
##	SAMPLE 61	0.00000000	0.00000000	11.889010541	12.753284051	0.00000000
##	SAMPLE 62	0.00000000	0.7688792	11.997766583	11.896651617	0.00000000
##	SAMPLE 63	0.00000000	0.00000000	11.907228944	0.579847730	0.00000000
##	SAMPLE 64	0.00000000	0.00000000	0.000000000	0.000000000	0.02407630

##	SAMPLE	65	0.00000000	0.00000000	13.455186436	0.834558136	0.00000000
##	SAMPLE	66	0.00000000	0.00000000	12.438271043	12.530918736	0.00000000
##	SAMPLE	67	0.00000000	0.00000000	0.408895276	0.524530553	0.00000000
##	SAMPLE	68	0.00000000	0.00000000	0.000000000	0.011700128	0.07364413
##	SAMPLE	69	0.00000000	12.8710169	0.655643521	13.005623510	0.00000000
##	SAMPLE	70	0.00000000	0.00000000	0.122029989	12.883594038	0.00000000
##	SAMPLE	71	0.00000000	0.00000000	0.738670711	12.969133043	0.00000000
##	SAMPLE	72	0.00000000	0.00000000	0.837370918	12.938383437	0.00000000
##	SAMPLE	73	0.00000000	0.00000000	0.679294945	0.468803266	0.00000000
##	SAMPLE	74	0.00000000	13.9996958	12.061044644	0.628739586	0.00000000
##	SAMPLE	75	0.00000000	0.00000000	0.628452072	0.181105108	0.00000000
##	SAMPLE	76	0.00000000	1.0013600	12.630174959	13.226816323	0.00000000
##	SAMPLE	77	0.00000000	0.00000000	0.205127136	0.545402398	0.00000000
##	SAMPLE	78	0.00000000	0.00000000	12.160654965	13.248645102	0.00000000
##	SAMPLE	79	0.00000000	0.00000000	12.087728314	12.483247792	0.00000000
##	SAMPLE	80	0.00000000	0.00000000	11.904517425	0.663570181	0.00000000
##	SAMPLE	81	0.00000000	0.00000000	0.406614202	0.418773675	0.00000000
##	SAMPLE	82	0.00000000	14.0971881	0.789719697	12.598461472	0.00000000
##	SAMPLE	83	0.00000000	0.00000000	0.000000000	0.835725741	0.00000000
##	SAMPLE	84	0.00000000	10.0728009	0.270021628	0.249312981	0.00000000
##	SAMPLE	85	0.00000000	0.00000000	10.442159453	13.109484579	0.00000000
##	SAMPLE	86	0.00000000	0.9302729	0.729260643	13.706134874	0.00000000
##	SAMPLE	87	0.00000000	0.00000000	0.105105723	0.394075129	0.00000000
##	SAMPLE	88	0.00000000	13.4237985	0.567661451	12.817738970	0.00000000
##	SAMPLE	89	0.00000000	0.00000000	0.003571386	0.039400521	0.03502051
##	SAMPLE	90	0.01551537	0.2961793	0.850174855	12.701814184	0.00000000
##	SAMPLE	91	0.00000000	0.5548173	13.334726166	12.978326535	0.00000000
##	SAMPLE	92	0.00000000	13.9441874	0.985216057	12.751234540	0.00000000
##	SAMPLE	93	0.00000000	0.00000000	0.722848458	13.550444965	0.00000000
##	SAMPLE	94	0.00000000	12.9953242	11.634012257	13.058424793	0.00000000
##	SAMPLE	95	0.00000000	0.00000000	12.316758479	0.000000000	0.00000000
##	SAMPLE	96	0.00000000	0.00000000	0.496673101	0.514868805	0.00000000
##	SAMPLE	97	0.00000000	12.5916758	0.407288176	11.830890714	0.00000000
##	SAMPLE	98	0.00000000	0.00000000	0.530439685	12.492237835	0.00000000
##	SAMPLE	99	0.00000000	0.00000000	0.547664131	0.000000000	0.00000000
##	SAMPLE	100	0.00000000	0.00000000	0.008516299	0.152886297	0.00000000
##	SAMPLE	101	0.00000000	0.00000000	0.623071378	0.440176797	0.00000000
##	SAMPLE	102	0.00000000	0.00000000	0.204926076	0.321776716	0.00000000
##	SAMPLE	103	0.00000000	0.00000000	11.867944520	13.367674060	0.00000000
##	SAMPLE	104	0.00000000	14.3809945	0.277796372	0.545405389	0.00000000
##	SAMPLE	105	0.00000000	0.00000000	0.106788577	0.136831884	0.00000000
##	SAMPLE	106	0.00000000	0.00000000	11.722063660	12.620847402	0.00000000
##	SAMPLE	107	0.00000000	0.00000000	0.000000000	0.000000000	0.00000000
##	SAMPLE	108	0.00000000	0.00000000	0.623625849	0.850901146	0.00000000
##	SAMPLE	109	0.00000000	0.00000000	0.000000000	0.027685699	0.00000000
##	SAMPLE	110	0.00000000	0.00000000	0.039011396	0.000000000	0.01873096
##	SAMPLE	111	0.00000000	0.00000000	0.743092702	13.156253191	0.00000000
##	SAMPLE	112	0.00000000	0.00000000	0.237421170	0.228519281	0.00000000
##	SAMPLE	113	0.00000000	0.00000000	0.000000000	0.000000000	0.10733911
##	SAMPLE	114	0.00000000	12.7902949	0.710078133	8.052860329	12.15630473
##	SAMPLE	115	0.00000000	0.00000000	0.643388331	12.059974030	10.19543339
##	SAMPLE	116	0.00000000	0.00000000	0.614890917	0.015275057	0.00000000
##	SAMPLE	117	0.01596409	14.1006499	0.596983931	12.149683955	0.00000000
##	SAMPLE	118	0.00000000	0.00000000	0.510963108	0.311879132	0.00000000
##	SAMPLE	119	0.00000000	13.0382768	11.901757242	0.464265752	0.00000000
##	SAMPLE	120	0.00000000	13.8574935	0.000000000	11.593384473	0.00000000

##	SAMPLE 121	0.00000000	12.8164682	0.457053519	12.450757710	0.00000000
##		OTU 352	OTU 354	OTU 356	OTU 358	OTU 360
##	SAMPLE 1	0.014062597	0.000000e+00	0.040047231	0.019248239	1.074585e-02
##	SAMPLE 2	0.000000000	2.269965e-02	0.000000000	0.291136211	0.000000e+00
##	SAMPLE 3	0.227899024	1.480570e-02	0.185589028	0.028203367	4.648014e-04
##	SAMPLE 4	0.384528147	0.000000e+00	0.476814249	0.188414537	0.000000e+00
##	SAMPLE 5	0.816905473	0.000000e+00	0.017752338	0.004909791	3.323966e-03
##	SAMPLE 6	0.582633217	0.000000e+00	0.082161338	0.000000000	1.541252e-01
##	SAMPLE 7	0.294506871	4.372531e-02	0.032369947	0.008953203	1.090682e-02
##	SAMPLE 8	0.000000000	3.032036e-01	0.130930343	0.006243742	9.535785e-03
##	SAMPLE 9	12.098655683	0.000000e+00	0.126989743	0.000000000	0.000000e+00
##	SAMPLE 10	0.045536387	0.000000e+00	0.000000000	0.099653742	4.135287e-02
##	SAMPLE 11	15.064286576	0.000000e+00	0.089648037	0.008046497	0.000000e+00
##	SAMPLE 12	0.000000000	0.000000e+00	0.000000000	0.045234068	4.332311e-01
##	SAMPLE 13	0.353959631	1.636623e-02	0.189973704	0.012561127	5.672048e-02
##	SAMPLE 14	0.000000000	0.000000e+00	0.019830488	0.522687994	0.000000e+00
##	SAMPLE 15	0.000000000	0.000000e+00	0.000000000	0.017663858	0.000000e+00
##	SAMPLE 16	12.069382778	0.000000e+00	0.003336606	0.049136383	0.000000e+00
##	SAMPLE 17	12.176198692	3.455864e-02	0.000000000	0.000000000	4.166210e-02
##	SAMPLE 18	0.196207176	2.403575e-02	0.000000000	0.104099352	0.000000e+00
##	SAMPLE 19	0.000000000	0.000000e+00	13.536276451	0.000000000	0.000000e+00
##	SAMPLE 20	0.000000000	0.000000e+00	0.000000000	0.488257792	0.000000e+00
##	SAMPLE 21	0.082134767	3.291379e-02	0.337775615	0.005995906	1.266754e-01
##	SAMPLE 22	0.000000000	0.000000e+00	0.000000000	0.615751188	0.000000e+00
##	SAMPLE 23	0.000000000	6.683370e-02	0.000000000	0.377520757	1.125903e-02
##	SAMPLE 24	0.142119298	0.000000e+00	0.000000000	0.217931570	7.221647e-02
##	SAMPLE 25	0.430807946	0.000000e+00	0.000000000	0.090593338	0.000000e+00
##	SAMPLE 26	0.131905466	0.000000e+00	0.000000000	0.023663753	0.000000e+00
##	SAMPLE 27	0.810655521	2.380832e-01	0.172883350	0.835756085	0.000000e+00
##	SAMPLE 28	0.000000000	0.000000e+00	0.000000000	0.075863775	6.295061e-03
##	SAMPLE 29	0.181260782	0.000000e+00	0.381143947	0.001396830	0.000000e+00
##	SAMPLE 30	0.000000000	0.000000e+00	0.000000000	0.000000000	1.758851e-02
##	SAMPLE 31	0.000000000	2.926970e-01	0.041736421	0.000000000	2.657159e-01
##	SAMPLE 32	0.000000000	0.000000e+00	0.008824511	0.620401165	1.568684e-01
##	SAMPLE 33	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 34	0.000000000	1.255259e-01	0.000000000	0.681556898	0.000000e+00
##	SAMPLE 35	12.753145587	3.044568e-01	0.371826716	0.000000000	8.347119e-05
##	SAMPLE 36	0.723945534	0.000000e+00	0.020495834	12.839069067	0.000000e+00
##	SAMPLE 37	0.089046173	0.000000e+00	0.007854758	0.001599089	0.000000e+00
##	SAMPLE 38	0.041527087	0.000000e+00	0.137925520	0.307603115	0.000000e+00
##	SAMPLE 39	0.055735891	0.000000e+00	0.000000000	0.522984039	1.926852e-01
##	SAMPLE 40	0.000000000	8.204920e-02	0.000000000	0.191975976	2.092906e-03
##	SAMPLE 41	0.000000000	0.000000e+00	0.000000000	0.137378077	0.000000e+00
##	SAMPLE 42	0.035118898	0.000000e+00	0.001298222	11.996080627	1.059600e-02
##	SAMPLE 43	0.793393166	0.000000e+00	11.887281682	0.000000000	6.097625e-02
##	SAMPLE 44	0.000000000	0.000000e+00	0.074826983	0.002073043	2.241292e-01
##	SAMPLE 45	0.090516937	9.217242e-03	0.000000000	0.023784476	1.657557e-03
##	SAMPLE 46	0.000000000	0.000000e+00	0.000000000	0.288606244	6.734999e-03
##	SAMPLE 47	0.446946787	0.000000e+00	0.000000000	0.081629510	0.000000e+00
##	SAMPLE 48	0.011077281	0.000000e+00	0.000000000	0.000000000	4.265231e-01
##	SAMPLE 49	0.708526580	0.000000e+00	0.000000000	0.000000000	3.786002e-03
##	SAMPLE 50	0.000000000	0.000000e+00	0.003179454	0.464117533	0.000000e+00
##	SAMPLE 51	12.810334150	0.000000e+00	0.000000000	0.126349288	2.557084e-02
##	SAMPLE 52	0.391671982	1.317903e+01	0.312552912	1.124585189	1.274476e+01
##	SAMPLE 53	12.341822115	1.153189e-01	0.079202108	0.220340810	6.423152e-03
##	SAMPLE 54	0.000000000	1.362758e-02	0.008259400	0.476513107	0.000000e+00

##	SAMPLE	55	0.000000000	0.000000e+00	0.000000000	0.287036432	0.000000e+00
##	SAMPLE	56	0.000000000	0.000000e+00	0.000000000	0.000000000	1.146038e-02
##	SAMPLE	57	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	58	0.000000000	0.000000e+00	0.000000000	0.060083635	0.000000e+00
##	SAMPLE	59	0.112230144	0.000000e+00	0.000000000	0.000000000	9.854607e-02
##	SAMPLE	60	0.100453426	6.084466e-01	0.000000000	0.024842294	9.393958e-02
##	SAMPLE	61	0.120065136	0.000000e+00	0.000000000	0.726285014	0.000000e+00
##	SAMPLE	62	0.000000000	0.000000e+00	0.000000000	0.072557589	0.000000e+00
##	SAMPLE	63	0.005429644	2.493527e-02	0.260461512	0.000000000	0.000000e+00
##	SAMPLE	64	0.000000000	0.000000e+00	13.009929242	0.228272174	1.557240e-01
##	SAMPLE	65	0.000000000	4.780215e-01	12.754461261	0.021268657	2.758358e-01
##	SAMPLE	66	0.505497309	2.274189e-01	0.011390720	0.001926354	1.274793e-02
##	SAMPLE	67	0.000000000	0.000000e+00	0.000000000	0.112090821	0.000000e+00
##	SAMPLE	68	0.000000000	9.192667e-02	0.000000000	0.025255808	2.466476e-01
##	SAMPLE	69	0.303499538	0.000000e+00	0.001186964	0.039222883	1.870913e-02
##	SAMPLE	70	0.000000000	0.000000e+00	0.000000000	0.000000000	1.061625e-02
##	SAMPLE	71	12.157659404	2.408424e-03	0.538003501	0.020179429	7.398399e-02
##	SAMPLE	72	0.228346919	0.000000e+00	0.030786696	0.052804083	0.000000e+00
##	SAMPLE	73	0.178886123	0.000000e+00	0.004144112	0.568228244	7.981280e-02
##	SAMPLE	74	0.425590873	0.000000e+00	0.278399887	0.251215300	0.000000e+00
##	SAMPLE	75	0.485684519	0.000000e+00	0.000000000	0.179097582	1.298532e+01
##	SAMPLE	76	14.387725873	0.000000e+00	0.403782000	0.607446099	6.131654e-03
##	SAMPLE	77	0.000000000	0.000000e+00	0.030603616	0.325612586	7.157972e-04
##	SAMPLE	78	0.045396547	0.000000e+00	0.000000000	0.228822631	0.000000e+00
##	SAMPLE	79	0.562357178	0.000000e+00	0.000000000	0.097374133	1.238548e-02
##	SAMPLE	80	0.126444931	8.673197e-02	0.132654709	0.219122013	1.956840e-02
##	SAMPLE	81	0.739194819	1.466105e-03	0.000000000	0.302015775	0.000000e+00
##	SAMPLE	82	12.330148096	5.560488e-03	0.017719815	0.177782705	2.777944e-03
##	SAMPLE	83	0.022928448	0.000000e+00	0.577037146	0.043209404	1.180586e-04
##	SAMPLE	84	0.000000000	0.000000e+00	0.000000000	0.016348490	0.000000e+00
##	SAMPLE	85	0.000000000	0.000000e+00	12.373406189	0.033623453	0.000000e+00
##	SAMPLE	86	12.022388806	1.656389e-02	0.017159683	0.005886543	3.350284e-03
##	SAMPLE	87	0.032477344	1.287186e-02	0.013904315	0.558090368	2.347733e-02
##	SAMPLE	88	12.671987162	0.000000e+00	0.206226328	0.174596666	1.747130e-04
##	SAMPLE	89	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	90	12.110678139	0.000000e+00	0.000000000	0.132994642	0.000000e+00
##	SAMPLE	91	0.147269624	0.000000e+00	0.554173489	0.032088935	7.215509e-03
##	SAMPLE	92	1.053359008	0.000000e+00	0.032131977	0.012664672	3.366690e-03
##	SAMPLE	93	0.075423649	4.575445e-03	0.033199588	0.001249926	0.000000e+00
##	SAMPLE	94	0.000000000	7.762913e-03	0.005725156	0.056647965	0.000000e+00
##	SAMPLE	95	10.856969957	1.477864e-02	0.008875694	0.008928711	0.000000e+00
##	SAMPLE	96	0.000000000	0.000000e+00	0.255640511	0.819797202	0.000000e+00
##	SAMPLE	97	0.000000000	0.000000e+00	0.000000000	0.036471840	8.728581e-02
##	SAMPLE	98	9.963773173	7.849925e-04	0.204246335	0.013585593	1.559549e-02
##	SAMPLE	99	12.576897135	2.503744e-01	0.026794621	0.000000000	0.000000e+00
##	SAMPLE	100	12.429497917	0.000000e+00	0.000000000	0.001919142	6.331506e-02
##	SAMPLE	101	14.526552517	0.000000e+00	0.009912641	0.176911876	1.839612e-03
##	SAMPLE	102	0.033015350	0.000000e+00	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	103	14.661067036	0.000000e+00	0.000000000	0.060976407	0.000000e+00
##	SAMPLE	104	0.034067987	5.829823e-02	0.000000000	0.111348730	5.230232e-03
##	SAMPLE	105	0.000000000	0.000000e+00	0.000000000	0.052018960	0.000000e+00
##	SAMPLE	106	0.000000000	0.000000e+00	0.107206748	0.135080508	0.000000e+00
##	SAMPLE	107	0.000000000	0.000000e+00	0.000000000	0.122128294	1.469277e-02
##	SAMPLE	108	0.000000000	0.000000e+00	0.015164952	0.876929981	3.054306e-02
##	SAMPLE	109	0.014207073	0.000000e+00	0.000000000	0.000000000	1.600024e-02
##	SAMPLE	110	0.000000000	0.000000e+00	0.984600627	0.000000000	8.011341e-03

##	SAMPLE	111	0.000000000	0.000000e+00	0.001872977	0.142899976	0.000000e+00
##	SAMPLE	112	0.080128533	1.442774e-02	0.000000000	0.000000000	9.654589e-03
##	SAMPLE	113	0.000000000	2.060535e-03	0.000000000	0.004359222	3.287884e-02
##	SAMPLE	114	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	115	0.000000000	5.454128e-02	0.003220526	0.000000000	0.000000e+00
##	SAMPLE	116	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	117	12.167698655	0.000000e+00	0.099945869	0.071166391	2.282675e-03
##	SAMPLE	118	0.000000000	0.000000e+00	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	119	0.181438618	0.000000e+00	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	120	0.000000000	1.107221e+01	0.842171423	0.105294769	4.425412e-02
##	SAMPLE	121	0.010603359	0.000000e+00	0.000000000	0.039562691	0.000000e+00
##			OTU 362	OTU 364	OTU 366	OTU 368	OTU 370
##	SAMPLE	1	0.001852100	12.161556573	0.0274276436	0.56629114	0.0000000000
##	SAMPLE	2	0.000000000	0.113060951	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	3	0.000000000	0.158064433	0.0076801807	0.000000000	0.0000000000
##	SAMPLE	4	0.000000000	0.022475558	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	5	0.000000000	0.083725319	0.0155002440	0.000000000	0.0000000000
##	SAMPLE	6	0.000000000	0.036623752	0.0144310208	0.000000000	0.0000000000
##	SAMPLE	7	0.000000000	0.043218794	0.0279026912	0.000000000	0.0000000000
##	SAMPLE	8	0.000000000	0.092400723	0.0202930252	0.000000000	0.0000000000
##	SAMPLE	9	0.000000000	0.112408047	0.0082253816	0.000000000	0.0000000000
##	SAMPLE	10	0.000000000	0.072178349	0.0047170799	0.000000000	0.0000000000
##	SAMPLE	11	0.000000000	0.183246498	0.1124001979	0.000000000	0.0000000000
##	SAMPLE	12	0.000000000	0.000000000	0.0917716677	0.000000000	0.0000000000
##	SAMPLE	13	0.000000000	0.316781860	0.0526620151	0.000000000	0.0000000000
##	SAMPLE	14	0.000000000	0.031370306	0.0536905090	0.000000000	0.0000000000
##	SAMPLE	15	0.000000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	16	0.000000000	0.097482545	0.0984962893	0.000000000	0.0000000000
##	SAMPLE	17	0.000000000	0.514977589	0.0049526661	0.000000000	0.0000000000
##	SAMPLE	18	0.000000000	0.243641615	0.0101383326	0.000000000	0.0104815952
##	SAMPLE	19	0.000000000	0.000000000	0.0002575929	0.000000000	0.0000000000
##	SAMPLE	20	0.000000000	0.441976753	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	21	0.000000000	0.032948702	0.0041769510	0.000000000	0.0000000000
##	SAMPLE	22	0.000000000	0.034918873	0.0055104473	0.08704984	0.0000000000
##	SAMPLE	23	0.000000000	0.322638057	0.0124947090	0.000000000	0.0000000000
##	SAMPLE	24	0.000000000	0.242609321	0.1691424764	11.95735349	0.0000000000
##	SAMPLE	25	0.000000000	0.408708196	0.0114606947	0.000000000	0.0000000000
##	SAMPLE	26	0.000000000	0.039146187	0.0259059951	0.000000000	0.0000000000
##	SAMPLE	27	0.006013565	0.198750167	0.0273786689	0.000000000	0.0000000000
##	SAMPLE	28	0.000000000	0.452501515	0.0107439086	0.000000000	0.0000000000
##	SAMPLE	29	0.000000000	0.245611407	0.0001511028	0.000000000	0.0000000000
##	SAMPLE	30	0.000000000	0.000000000	0.0097690916	0.000000000	0.0000000000
##	SAMPLE	31	0.000000000	0.000000000	0.0000000000	0.12652737	0.0000000000
##	SAMPLE	32	0.000000000	0.004186542	0.2156301204	0.000000000	0.0000000000
##	SAMPLE	33	0.000000000	0.005196106	0.0000000000	9.44028952	0.0000000000
##	SAMPLE	34	0.000000000	0.012000507	0.0104237641	0.000000000	0.0000000000
##	SAMPLE	35	0.004200673	0.395245968	0.0073544357	0.000000000	0.0019299788
##	SAMPLE	36	0.000000000	0.081099560	0.0298069087	0.000000000	0.0000000000
##	SAMPLE	37	0.000000000	0.008520408	0.0038386700	0.000000000	0.0000000000
##	SAMPLE	38	0.000000000	0.029795024	0.0031500563	0.000000000	0.0000000000
##	SAMPLE	39	0.000000000	0.212900805	0.0214920721	0.000000000	0.0000000000
##	SAMPLE	40	0.000000000	0.001959188	0.0429866578	0.000000000	0.0000000000
##	SAMPLE	41	0.000000000	0.625908552	0.0074215336	0.000000000	0.0000000000
##	SAMPLE	42	0.000000000	0.049657389	0.0147495198	0.02248513	0.0004576611
##	SAMPLE	43	0.000000000	13.627252679	0.0048228149	0.000000000	0.0000000000
##	SAMPLE	44	0.000000000	0.006024292	0.0097545059	0.000000000	0.0000000000

##	SAMPLE	45	0.000000000	0.025167831	0.0267401758	0.000000000	0.0000000000
##	SAMPLE	46	0.000000000	0.073782826	0.0164942550	0.000000000	0.0000000000
##	SAMPLE	47	0.000000000	0.002790355	0.1121485971	0.000000000	0.0000000000
##	SAMPLE	48	0.000000000	0.000000000	0.0608775931	0.01974451	0.1737041741
##	SAMPLE	49	0.000000000	0.018263837	0.0168727288	0.000000000	0.0000000000
##	SAMPLE	50	0.000000000	12.455176120	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	51	0.000000000	0.119341661	0.0063348091	0.000000000	0.0000000000
##	SAMPLE	52	0.000000000	13.365875523	0.0625664180	0.000000000	0.0000000000
##	SAMPLE	53	0.000000000	0.442389453	0.0735235486	0.000000000	0.0000000000
##	SAMPLE	54	0.000000000	0.047768271	0.0161390904	0.000000000	0.0000000000
##	SAMPLE	55	0.000000000	0.110386189	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	56	0.000000000	0.103689396	0.1681054645	0.000000000	0.0000000000
##	SAMPLE	57	0.000000000	0.049798232	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	58	0.000000000	0.110862986	0.0275848638	0.000000000	0.0000000000
##	SAMPLE	59	0.000000000	0.295965739	0.1129932438	0.49418313	0.0072124341
##	SAMPLE	60	0.000000000	0.024477225	0.1937308496	0.000000000	0.1029696186
##	SAMPLE	61	0.000000000	0.087571424	0.0050425624	0.000000000	0.0000000000
##	SAMPLE	62	0.000000000	0.345941597	0.0263602050	0.000000000	0.0000000000
##	SAMPLE	63	0.000000000	0.280335641	0.0000000000	0.11213122	0.0000000000
##	SAMPLE	64	0.000000000	0.047448729	0.1016636655	0.000000000	0.0000000000
##	SAMPLE	65	0.000000000	0.117427433	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	66	0.000000000	0.043164272	0.0431039184	0.000000000	0.0000000000
##	SAMPLE	67	0.000000000	0.062971088	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	68	0.000000000	0.601366646	0.0861076165	0.000000000	0.0000000000
##	SAMPLE	69	0.000000000	0.011574522	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	70	0.000000000	12.205197227	0.0024599252	0.000000000	0.0000000000
##	SAMPLE	71	0.000000000	0.175224780	0.0240213019	0.000000000	0.0000000000
##	SAMPLE	72	0.000000000	0.016860619	0.0226032625	0.000000000	0.0000000000
##	SAMPLE	73	0.000000000	0.025168609	0.0107451292	0.000000000	0.0000000000
##	SAMPLE	74	0.000000000	0.240541199	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	75	0.000000000	0.007908109	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	76	0.000000000	0.382842479	0.0212302577	0.000000000	0.0000000000
##	SAMPLE	77	0.000000000	0.078678867	0.0052017038	0.000000000	0.0000000000
##	SAMPLE	78	0.000000000	0.021247918	0.0137251075	0.28317407	0.0000000000
##	SAMPLE	79	0.000000000	0.040830342	0.3715672697	0.000000000	0.0000000000
##	SAMPLE	80	0.000000000	0.374522895	0.0259562861	0.000000000	0.0000000000
##	SAMPLE	81	0.000000000	0.026103831	0.1175255143	0.000000000	0.0000000000
##	SAMPLE	82	0.000000000	0.553130257	0.0146054836	0.000000000	0.0000000000
##	SAMPLE	83	0.000000000	0.383184957	0.0492967632	0.000000000	0.0001442920
##	SAMPLE	84	0.000000000	0.197575315	0.0121007939	0.000000000	0.0000000000
##	SAMPLE	85	0.000000000	0.000000000	0.1282227272	0.000000000	0.0000000000
##	SAMPLE	86	0.000000000	0.156606418	0.0178466981	0.53015339	0.0000000000
##	SAMPLE	87	0.000000000	0.003556310	0.0745798707	0.000000000	0.0000000000
##	SAMPLE	88	0.000000000	0.095271141	0.0191356950	0.000000000	0.0000000000
##	SAMPLE	89	0.000000000	0.000000000	0.0724750899	0.000000000	0.0000000000
##	SAMPLE	90	0.000000000	0.044225410	0.0029216728	0.000000000	0.0000000000
##	SAMPLE	91	0.000000000	0.043986964	0.1189185850	0.000000000	0.0000000000
##	SAMPLE	92	0.000000000	1.009255810	0.0326948751	0.000000000	0.0000000000
##	SAMPLE	93	0.000000000	0.112600813	0.0524539196	0.000000000	0.0001226109
##	SAMPLE	94	0.000000000	0.026038982	0.0335898044	0.000000000	0.0000000000
##	SAMPLE	95	0.000000000	0.706009065	0.0868717097	0.000000000	0.0000000000
##	SAMPLE	96	0.000000000	0.002788779	0.1020343765	0.000000000	0.0000000000
##	SAMPLE	97	0.000000000	0.000000000	0.0026782763	0.28361912	0.0000000000
##	SAMPLE	98	0.000000000	0.400468767	0.0337317253	0.000000000	0.0000000000
##	SAMPLE	99	0.000000000	0.156175180	0.0012407595	0.000000000	0.0023496092
##	SAMPLE	100	0.000000000	0.014298557	0.0153835367	0.000000000	0.0000000000

##	SAMPLE	101	0.000000000	0.084692792	0.0050273249	0.000000000	0.0000000000
##	SAMPLE	102	0.000000000	0.046594956	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	103	0.000000000	0.047745004	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	104	0.000000000	0.045940999	0.0769690439	0.35789247	0.0000000000
##	SAMPLE	105	0.000000000	0.011112549	0.0282384582	0.000000000	0.0000000000
##	SAMPLE	106	0.000000000	0.005875405	0.0075582147	0.000000000	0.0000000000
##	SAMPLE	107	0.000000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	108	0.000000000	0.014303639	0.0770623656	0.000000000	0.0000000000
##	SAMPLE	109	0.000000000	0.000000000	0.1010683676	0.09381439	0.0000000000
##	SAMPLE	110	0.000000000	0.023605984	0.1172304841	0.000000000	0.0000000000
##	SAMPLE	111	0.000000000	0.110532368	0.0092596445	0.000000000	0.0000000000
##	SAMPLE	112	0.000000000	0.042069392	0.0486432451	0.000000000	0.0000000000
##	SAMPLE	113	0.000000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	114	0.000000000	0.292642486	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	115	0.000000000	0.118999472	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	116	0.000000000	0.020756844	0.0076666943	0.08090220	0.0000000000
##	SAMPLE	117	0.000000000	0.033854389	0.0232470477	0.000000000	0.0000000000
##	SAMPLE	118	0.000000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE	119	0.000000000	0.587221072	0.0000000000	12.60134720	0.0000000000
##	SAMPLE	120	0.000000000	0.219541263	0.0032443428	0.03850552	0.0000000000
##	SAMPLE	121	0.000000000	0.151227778	0.0028801166	0.21551443	0.0000000000
##			OTU 373	OTU 375	OTU 377	OTU 379	OTU 382
##	SAMPLE	1	12.102401732	0.000000000	0.291245869	0.000000000	3.854974e-02
##	SAMPLE	2	0.000000000	13.442019551	13.061638034	0.000000000	0.000000e+00
##	SAMPLE	3	0.629372025	12.106555203	13.047447844	0.000000000	9.221842e-02
##	SAMPLE	4	0.027993894	0.000000000	0.306126011	0.000000000	5.038405e-03
##	SAMPLE	5	0.624557419	0.000000000	12.291139381	0.000000000	1.001706e-01
##	SAMPLE	6	0.035535034	0.041336685	0.406597923	0.000000000	5.401841e-03
##	SAMPLE	7	12.571827396	0.608632484	12.691849577	0.000000000	3.096394e-02
##	SAMPLE	8	0.000000000	13.734794239	12.101826443	0.000000000	3.106670e-02
##	SAMPLE	9	0.062665213	0.511130393	0.428424227	0.243921535	1.905315e-01
##	SAMPLE	10	0.266237246	0.551473022	0.568995634	0.000000000	1.940417e-02
##	SAMPLE	11	0.125110104	12.236223761	0.093199648	0.000000000	1.836578e-02
##	SAMPLE	12	0.351621688	0.000000000	0.409890677	0.000000000	2.330877e-01
##	SAMPLE	13	0.059364282	0.012930818	0.260135874	0.003975283	2.981024e-01
##	SAMPLE	14	0.030651573	12.384064290	0.756490181	0.000000000	1.544481e-01
##	SAMPLE	15	0.000000000	0.000000000	0.747559950	0.000000000	3.020682e-01
##	SAMPLE	16	0.065740482	0.026327044	0.347697199	0.000000000	1.185799e-01
##	SAMPLE	17	0.062419090	0.000000000	0.000000000	0.000000000	8.786458e-02
##	SAMPLE	18	0.000000000	0.000000000	11.108100171	0.000000000	1.533478e-01
##	SAMPLE	19	0.000000000	0.000000000	0.000000000	0.001618054	9.630282e+00
##	SAMPLE	20	12.981631883	0.001387997	0.098939853	0.000000000	2.389843e-02
##	SAMPLE	21	0.387338312	0.000000000	0.063571707	0.000000000	2.403513e-02
##	SAMPLE	22	12.448223743	0.457587856	0.368014565	0.000000000	5.579819e-02
##	SAMPLE	23	0.062338000	0.399693489	0.856485997	0.000000000	1.005562e-01
##	SAMPLE	24	0.753655982	0.008664377	0.029818274	0.063276535	7.066543e-02
##	SAMPLE	25	0.202671889	13.639691217	12.429271069	0.409749655	5.994587e-02
##	SAMPLE	26	0.496947409	0.060192483	0.518559001	0.000000000	9.112602e-02
##	SAMPLE	27	0.023362999	13.250001670	13.205867667	0.000000000	6.499934e-02
##	SAMPLE	28	14.035828888	0.011953803	0.557772205	0.000000000	5.581706e-03
##	SAMPLE	29	0.337541517	0.259540986	0.221373572	0.000000000	6.923669e-04
##	SAMPLE	30	0.000000000	0.000000000	0.034652506	0.000000000	3.686079e-01
##	SAMPLE	31	0.000000000	12.424277657	0.139368168	0.000000000	3.514605e-01
##	SAMPLE	32	0.463589409	0.469473705	0.702347607	0.060727573	9.860454e+00
##	SAMPLE	33	0.060234327	0.012007743	11.785752388	0.000000000	0.000000e+00
##	SAMPLE	34	0.000000000	12.595492837	0.130250611	0.000000000	1.000463e-01

##	SAMPLE	35	0.008466549	0.547927190	0.214121646	0.000000000	2.738985e-03
##	SAMPLE	36	0.251583146	0.120213114	13.075196370	0.000000000	3.396127e-02
##	SAMPLE	37	0.011944056	12.287768664	12.348411554	0.000000000	7.160413e-02
##	SAMPLE	38	12.108010181	13.209921131	12.464519645	0.000000000	1.678199e-02
##	SAMPLE	39	0.019094615	0.000000000	12.037049898	0.000000000	1.332298e-02
##	SAMPLE	40	0.011998898	0.154706647	14.528579803	0.000000000	2.462832e-02
##	SAMPLE	41	0.110292608	0.153876671	11.999074295	0.000000000	7.944450e-02
##	SAMPLE	42	0.007911477	0.059171411	13.228754322	0.000000000	2.367597e-02
##	SAMPLE	43	0.000000000	0.355644299	10.108950496	0.000000000	1.009230e-02
##	SAMPLE	44	0.020049111	0.000000000	0.042012650	0.000000000	2.793510e-01
##	SAMPLE	45	0.261106787	0.405074152	13.024048598	12.341008957	3.005601e-01
##	SAMPLE	46	0.104870160	12.019838812	12.413015118	0.000000000	5.835212e-02
##	SAMPLE	47	0.043432697	0.019798704	13.470498581	0.000000000	8.249662e-04
##	SAMPLE	48	0.000000000	0.000000000	0.000000000	0.040851784	1.155862e+01
##	SAMPLE	49	0.546537378	0.285234047	0.237930588	0.000000000	1.882337e-01
##	SAMPLE	50	0.009353050	13.581700302	12.825604533	0.000000000	2.097379e-02
##	SAMPLE	51	0.005139406	0.011690853	0.076073074	0.121179328	1.390245e-03
##	SAMPLE	52	0.000000000	0.000000000	0.000000000	10.257650298	2.686225e-01
##	SAMPLE	53	0.319167722	0.474801782	12.520720741	0.000000000	1.454760e-01
##	SAMPLE	54	0.077156073	0.006603633	14.449386421	0.000000000	2.743776e-02
##	SAMPLE	55	0.000000000	11.908513846	0.404749730	0.000000000	5.926368e-03
##	SAMPLE	56	0.000000000	0.014385246	0.134518496	0.000000000	0.000000e+00
##	SAMPLE	57	0.000000000	0.000000000	0.569995098	0.000000000	0.000000e+00
##	SAMPLE	58	0.814065265	12.111054103	8.446829056	0.000000000	5.511742e-02
##	SAMPLE	59	0.482438109	0.000000000	0.423678831	11.753740751	1.558841e-01
##	SAMPLE	60	0.194267345	0.006836605	0.643526989	0.000000000	2.906257e-01
##	SAMPLE	61	0.172154154	0.789855443	0.555245715	0.000000000	1.350657e-02
##	SAMPLE	62	0.026230530	13.589226750	13.130116829	0.000000000	1.530716e-02
##	SAMPLE	63	0.000000000	13.050988618	12.400029097	0.000000000	5.470896e-02
##	SAMPLE	64	0.348752637	0.000000000	0.000000000	0.000000000	2.680887e-01
##	SAMPLE	65	0.000000000	0.057973925	0.000000000	0.043152856	0.000000e+00
##	SAMPLE	66	0.133327887	13.385046912	10.095904863	0.000000000	3.253311e-01
##	SAMPLE	67	0.029003692	0.699838667	0.691317858	0.000000000	3.661571e-02
##	SAMPLE	68	0.001930534	0.000000000	14.231506819	0.000000000	3.244083e-01
##	SAMPLE	69	0.208045478	0.000000000	12.340555942	0.000000000	2.554790e-03
##	SAMPLE	70	0.000000000	0.115737349	0.002604438	0.000000000	0.000000e+00
##	SAMPLE	71	0.064764836	12.075335275	0.510715533	0.000000000	7.642814e-02
##	SAMPLE	72	0.121964918	0.000000000	12.091689982	0.046228464	4.996303e-02
##	SAMPLE	73	0.104619046	0.364804516	0.717239620	0.000000000	1.024349e-01
##	SAMPLE	74	0.091666719	0.000000000	11.957137470	0.000000000	4.504774e-02
##	SAMPLE	75	0.949386084	0.414904262	0.035227213	0.000000000	4.394369e-02
##	SAMPLE	76	0.155791508	0.000000000	0.972446133	0.000000000	9.450244e-03
##	SAMPLE	77	0.015806605	14.555625836	13.036531647	0.000000000	1.378725e-01
##	SAMPLE	78	0.009117607	0.204232993	11.767667638	0.000000000	9.761269e-02
##	SAMPLE	79	0.702523181	0.352703221	0.221590654	0.000000000	3.506417e-02
##	SAMPLE	80	0.414082488	0.000000000	0.386172041	0.000000000	7.350895e-02
##	SAMPLE	81	0.091613203	0.004544297	0.727164213	0.000000000	1.151917e-01
##	SAMPLE	82	0.092324196	0.484406393	0.070499519	0.242439469	3.634195e-02
##	SAMPLE	83	0.493035466	0.217479209	0.795104174	0.000000000	1.402144e-01
##	SAMPLE	84	0.079920422	0.020152600	0.084731820	0.000000000	3.520895e-02
##	SAMPLE	85	11.986677986	0.004351745	14.096246849	0.000000000	7.029875e-02
##	SAMPLE	86	0.285889064	0.436737060	0.843382009	0.000000000	5.705379e-02
##	SAMPLE	87	0.035631749	0.066150752	0.719549524	0.000000000	0.000000e+00
##	SAMPLE	88	0.037347155	13.334603081	0.464444922	0.000000000	2.048443e-01
##	SAMPLE	89	0.000000000	12.526367969	0.032804760	0.000000000	4.273446e-01
##	SAMPLE	90	0.135295063	0.147529436	12.447574795	0.000000000	1.032157e-02

##	SAMPLE	91	0.214913441	0.099254145	0.121847585	11.990495150	2.491361e-01
##	SAMPLE	92	0.096078341	0.044576589	0.443655579	0.000000000	1.639191e-01
##	SAMPLE	93	0.006745732	12.051186721	0.584128229	0.000000000	2.236499e-02
##	SAMPLE	94	0.595220761	12.090378773	13.069735935	0.000000000	3.540321e-01
##	SAMPLE	95	0.263389711	12.788257756	0.819059537	0.000000000	3.030404e-01
##	SAMPLE	96	0.074081673	0.577121484	12.638044355	0.000000000	1.723723e-01
##	SAMPLE	97	0.581548910	0.071986740	12.205912388	0.000000000	8.262015e-03
##	SAMPLE	98	0.053279983	10.360744708	0.264091231	0.154154634	1.536823e-01
##	SAMPLE	99	0.000000000	0.000000000	12.342323571	11.483857060	1.682868e-01
##	SAMPLE	100	0.000000000	0.000000000	0.000000000	0.013936636	6.112479e-02
##	SAMPLE	101	0.048530175	0.000000000	0.616058508	0.000000000	3.273747e-02
##	SAMPLE	102	0.075122337	0.050213487	0.734257566	0.000000000	0.000000e+00
##	SAMPLE	103	0.016873158	0.153844878	0.552150970	0.000000000	3.169641e-02
##	SAMPLE	104	0.205574592	0.774624255	0.710527882	0.000000000	9.133701e+00
##	SAMPLE	105	0.038440720	0.196575348	11.070596076	0.000000000	1.185086e-01
##	SAMPLE	106	0.045946915	0.173738923	12.462822716	0.000000000	7.507758e-02
##	SAMPLE	107	0.000000000	11.808633373	0.000000000	0.000000000	3.079298e-03
##	SAMPLE	108	0.129580058	0.000000000	0.783688584	0.000000000	7.857485e-02
##	SAMPLE	109	0.000000000	0.256063693	0.010476375	0.000000000	1.304490e+01
##	SAMPLE	110	0.000000000	0.002920646	0.164277843	0.157652559	1.224015e+01
##	SAMPLE	111	0.019980822	0.023399673	0.207252993	0.162895447	1.990425e-02
##	SAMPLE	112	0.577597423	0.140489397	0.472437461	0.000000000	1.347179e-01
##	SAMPLE	113	0.208465559	0.000000000	0.000000000	0.000000000	7.949207e-02
##	SAMPLE	114	0.000000000	0.000000000	12.559374842	0.000000000	0.000000e+00
##	SAMPLE	115	0.000000000	0.104587961	0.000000000	0.014490263	7.836517e-03
##	SAMPLE	116	0.551204155	13.637973955	11.830689255	0.000000000	5.215950e-02
##	SAMPLE	117	0.010513966	0.034326037	0.193652057	0.000000000	2.615588e-02
##	SAMPLE	118	0.129130237	12.578420237	0.706931519	0.000000000	3.453117e-03
##	SAMPLE	119	0.078982724	13.111389277	13.700181397	0.000000000	0.000000e+00
##	SAMPLE	120	0.000000000	0.000000000	0.000000000	0.120070428	2.733886e-02
##	SAMPLE	121	0.013879909	0.133519348	0.441154300	11.896245200	2.975946e-02
##			OTU 385	OTU 387	OTU 389	OTU 392	OTU 394
##	SAMPLE	1	8.622067e-02	0.000000e+00	2.582853e-04	0.000000000	5.614039e-03
##	SAMPLE	2	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	3	0.000000e+00	5.849347e-02	0.000000e+00	0.007231543	1.560065e-02
##	SAMPLE	4	6.256604e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	5	0.000000e+00	1.011482e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	6	8.233883e-02	0.000000e+00	6.161384e-03	0.000000000	0.000000e+00
##	SAMPLE	7	0.000000e+00	0.000000e+00	0.000000e+00	0.001871278	3.425076e-02
##	SAMPLE	8	0.000000e+00	0.000000e+00	0.000000e+00	0.049784951	1.086611e-02
##	SAMPLE	9	2.145146e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	10	9.149800e-02	0.000000e+00	0.000000e+00	0.001311160	2.830449e-03
##	SAMPLE	11	0.000000e+00	2.734891e-02	0.000000e+00	0.000000000	5.332301e-03
##	SAMPLE	12	0.000000e+00	1.625428e-02	0.000000e+00	0.006643820	4.574495e-02
##	SAMPLE	13	1.881676e-01	1.986395e-03	2.083035e-03	0.000000000	0.000000e+00
##	SAMPLE	14	7.594633e-02	2.318497e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	7.606348e-02
##	SAMPLE	16	2.844373e-02	1.810261e-01	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	17	7.363388e-02	0.000000e+00	0.000000e+00	0.000192685	0.000000e+00
##	SAMPLE	18	2.951866e-03	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	19	1.067832e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	20	2.995057e-01	0.000000e+00	0.000000e+00	0.034522958	4.188964e-04
##	SAMPLE	21	1.179947e+01	0.000000e+00	0.000000e+00	0.129046272	8.956725e-04
##	SAMPLE	22	4.407688e-02	0.000000e+00	0.000000e+00	0.157391570	0.000000e+00
##	SAMPLE	23	0.000000e+00	6.507776e-02	0.000000e+00	0.021922313	3.022251e-02
##	SAMPLE	24	7.214299e-01	0.000000e+00	0.000000e+00	0.013058773	0.000000e+00

##	SAMPLE	25	1.599552e-02	4.829779e-01	1.566852e-03	0.000000000	0.000000e+00
##	SAMPLE	26	0.000000e+00	8.479386e-02	1.336764e-03	0.000000000	3.335011e-02
##	SAMPLE	27	0.000000e+00	7.234129e-03	0.000000e+00	0.015997724	0.000000e+00
##	SAMPLE	28	1.529208e-02	0.000000e+00	2.444418e-03	0.249501646	1.660794e-02
##	SAMPLE	29	3.636623e-02	7.233517e-02	0.000000e+00	0.000000000	6.620762e-03
##	SAMPLE	30	6.346891e-03	4.157847e-03	7.083905e-03	0.202260381	4.569069e-01
##	SAMPLE	31	0.000000e+00	0.000000e+00	0.000000e+00	0.159275282	0.000000e+00
##	SAMPLE	32	0.000000e+00	0.000000e+00	0.000000e+00	0.252863303	0.000000e+00
##	SAMPLE	33	6.732643e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	34	0.000000e+00	1.005335e-02	6.535657e-03	0.000000000	0.000000e+00
##	SAMPLE	35	3.727746e-02	2.473474e-01	1.691911e-03	0.000000000	0.000000e+00
##	SAMPLE	36	1.237928e+01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	37	6.765721e-03	9.871028e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	38	5.281749e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	39	2.652595e-04	7.491977e-02	0.000000e+00	0.011430527	6.559224e-03
##	SAMPLE	40	0.000000e+00	5.218016e-03	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	41	2.723479e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	42	1.674216e-01	2.487995e-01	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	43	1.231520e-01	0.000000e+00	0.000000e+00	0.001050975	0.000000e+00
##	SAMPLE	44	0.000000e+00	3.295319e-02	0.000000e+00	0.000000000	1.049129e-01
##	SAMPLE	45	0.000000e+00	9.859578e-03	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	46	3.731109e-02	8.859089e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	47	1.786955e-01	5.765677e-02	8.464730e-03	0.000000000	0.000000e+00
##	SAMPLE	48	0.000000e+00	4.276421e-02	0.000000e+00	0.248264728	0.000000e+00
##	SAMPLE	49	0.000000e+00	0.000000e+00	0.000000e+00	0.197517902	3.394329e-02
##	SAMPLE	50	0.000000e+00	1.925975e-02	3.197054e-04	0.007424654	5.894825e-03
##	SAMPLE	51	0.000000e+00	8.199061e-03	7.268298e-04	0.000000000	1.176441e-02
##	SAMPLE	52	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	53	0.000000e+00	4.048167e-02	0.000000e+00	0.038394606	0.000000e+00
##	SAMPLE	54	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	55	0.000000e+00	1.372998e-01	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	56	7.420344e-03	0.000000e+00	0.000000e+00	0.000000000	1.148123e+01
##	SAMPLE	57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	58	1.701745e-01	1.327626e-01	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	59	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	60	1.095369e-01	0.000000e+00	0.000000e+00	0.008377010	0.000000e+00
##	SAMPLE	61	6.137032e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	62	5.851082e-01	0.000000e+00	1.807722e-03	0.000000000	0.000000e+00
##	SAMPLE	63	6.405851e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	64	2.363944e-01	0.000000e+00	4.986041e-03	0.167048110	9.446465e-03
##	SAMPLE	65	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	66	2.377368e-02	0.000000e+00	0.000000e+00	0.086497508	1.680236e-02
##	SAMPLE	67	2.512454e-01	0.000000e+00	0.000000e+00	0.000000000	1.533013e-02
##	SAMPLE	68	1.761133e-02	2.492905e-03	0.000000e+00	0.126679493	6.447662e-02
##	SAMPLE	69	1.260313e+01	0.000000e+00	0.000000e+00	0.003881746	2.449502e-02
##	SAMPLE	70	3.978323e-01	3.439024e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	71	9.336064e-02	7.985073e-03	0.000000e+00	0.021056091	0.000000e+00
##	SAMPLE	72	4.314321e-02	9.004072e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	73	1.761336e-02	3.158900e-02	1.863972e-03	0.000000000	0.000000e+00
##	SAMPLE	74	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	75	2.368143e-02	0.000000e+00	1.225215e+01	0.067555005	0.000000e+00
##	SAMPLE	76	2.433812e-02	1.098826e-01	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	77	7.097337e+00	0.000000e+00	7.396483e-04	0.000000000	0.000000e+00
##	SAMPLE	78	8.674168e-03	1.090169e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	79	2.035977e-01	0.000000e+00	0.000000e+00	0.000000000	1.888770e-02
##	SAMPLE	80	0.000000e+00	1.399989e-02	0.000000e+00	0.000000000	9.103486e-03

##	SAMPLE	81	1.201542e+01	0.000000e+00	0.000000e+00	0.017578336	2.317242e-02
##	SAMPLE	82	2.281391e-01	8.357180e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	83	3.555586e-01	0.000000e+00	3.869178e-04	0.001559872	1.320789e-02
##	SAMPLE	84	2.470780e-01	2.188483e-01	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	85	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	86	4.592596e-01	0.000000e+00	5.206714e-03	0.000000000	0.000000e+00
##	SAMPLE	87	0.000000e+00	0.000000e+00	0.000000e+00	0.233203913	0.000000e+00
##	SAMPLE	88	4.546076e-01	8.423850e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	89	0.000000e+00	0.000000e+00	0.000000e+00	0.075665349	1.143899e-02
##	SAMPLE	90	4.525251e-01	1.114750e+01	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	91	1.124813e-01	1.504059e-02	3.731819e-03	0.000000000	0.000000e+00
##	SAMPLE	92	2.545701e-01	0.000000e+00	0.000000e+00	0.048040599	0.000000e+00
##	SAMPLE	93	1.199696e+01	0.000000e+00	0.000000e+00	0.006380283	1.568285e-03
##	SAMPLE	94	1.732085e-01	0.000000e+00	0.000000e+00	0.000000000	1.448941e-02
##	SAMPLE	95	2.467693e-01	1.337191e-04	0.000000e+00	0.056028526	0.000000e+00
##	SAMPLE	96	8.119524e-02	3.023363e-02	0.000000e+00	0.048724480	4.824392e-01
##	SAMPLE	97	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	98	3.102873e-01	0.000000e+00	0.000000e+00	0.002996059	5.330501e-03
##	SAMPLE	99	2.207713e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	100	4.297661e-02	0.000000e+00	0.000000e+00	0.010576584	2.774716e-02
##	SAMPLE	101	7.829566e-02	5.652641e-02	1.064280e-02	0.000000000	0.000000e+00
##	SAMPLE	102	3.086014e-03	3.483202e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	103	1.510218e-01	1.198402e-01	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	104	0.000000e+00	9.382275e-03	0.000000e+00	0.001039811	1.688190e-02
##	SAMPLE	105	0.000000e+00	0.000000e+00	0.000000e+00	0.002445438	4.153857e-02
##	SAMPLE	106	0.000000e+00	1.561585e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	107	2.966837e-02	0.000000e+00	0.000000e+00	0.001519149	0.000000e+00
##	SAMPLE	108	0.000000e+00	1.403233e-02	0.000000e+00	0.000000000	5.414986e-02
##	SAMPLE	109	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	1.190886e+01
##	SAMPLE	110	0.000000e+00	0.000000e+00	0.000000e+00	0.071092014	5.495804e-01
##	SAMPLE	111	5.464095e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	112	0.000000e+00	0.000000e+00	0.000000e+00	0.042774007	4.002481e-03
##	SAMPLE	113	0.000000e+00	0.000000e+00	0.000000e+00	0.017286243	1.307165e-02
##	SAMPLE	114	5.126753e-02	6.698745e-02	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	115	1.615740e-02	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	116	9.444136e-02	0.000000e+00	0.000000e+00	0.031653475	0.000000e+00
##	SAMPLE	117	1.518664e-01	0.000000e+00	3.808079e-04	0.000000000	0.000000e+00
##	SAMPLE	118	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	119	1.894477e-01	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	120	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000	0.000000e+00
##	SAMPLE	121	4.228516e-02	7.873097e-02	9.669639e-04	0.000000000	0.000000e+00
##			OTU 396	OTU 401	OTU 404	OTU 406	OTU 408
##	SAMPLE	1	13.563636006	0.0010175615	0.0022312057	1.139783e+01	1.656164e-02
##	SAMPLE	2	0.523615477	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	3	13.297143120	0.0000000000	0.0000000000	1.382243e+01	1.264362e+01
##	SAMPLE	4	12.293179890	0.0000000000	0.0000000000	2.623740e-01	0.000000e+00
##	SAMPLE	5	13.459618207	0.0031009621	0.0000000000	1.340948e+01	1.112762e-01
##	SAMPLE	6	0.098360105	0.0155429461	0.0000000000	1.198429e+01	0.000000e+00
##	SAMPLE	7	13.694024841	0.0012431475	0.0047499143	1.521111e-02	0.000000e+00
##	SAMPLE	8	13.105887339	0.5745174080	0.0014779147	6.167054e-03	0.000000e+00
##	SAMPLE	9	11.766053588	0.0000000000	0.0000000000	1.404741e+01	3.091400e-01
##	SAMPLE	10	13.232636358	0.0000000000	0.0035830617	9.424275e-03	5.288906e-02
##	SAMPLE	11	12.538732449	0.0000000000	0.0000000000	3.133475e-02	4.392135e-01
##	SAMPLE	12	13.323098596	0.0157896159	0.0000000000	1.363231e+01	1.187193e+01
##	SAMPLE	13	13.746332015	0.5790888420	0.0000000000	1.461516e+01	1.166657e-01
##	SAMPLE	14	12.883520435	0.0000000000	0.0000000000	4.270852e-01	0.000000e+00

##	SAMPLE	15	0.407289177	0.0000000000	0.0000000000	1.440933e+01	0.000000e+00
##	SAMPLE	16	0.675641903	0.0023064796	0.0000000000	1.374377e+01	6.290281e-02
##	SAMPLE	17	13.563202831	0.0000000000	0.0000000000	1.413003e+01	0.000000e+00
##	SAMPLE	18	12.975340341	0.0850783905	0.0014028105	7.603876e-01	8.990540e-02
##	SAMPLE	19	0.002939972	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	20	13.966165359	0.0000000000	0.0032318548	3.211364e-02	1.303765e+01
##	SAMPLE	21	13.160963263	0.0502321890	0.0000000000	2.136775e-01	0.000000e+00
##	SAMPLE	22	0.597433331	0.0026956790	0.0000000000	1.262858e+01	3.421770e-01
##	SAMPLE	23	12.449686152	0.0021961605	0.0000000000	2.262111e-02	0.000000e+00
##	SAMPLE	24	12.903381637	0.0016574924	0.0039845780	1.525524e+01	1.808845e-01
##	SAMPLE	25	14.038789843	0.0000000000	0.0000000000	1.157705e+01	6.797817e-02
##	SAMPLE	26	13.564069096	0.0067408798	0.0000000000	1.083482e-01	0.000000e+00
##	SAMPLE	27	0.796200645	0.0000000000	0.0000000000	5.749838e-03	4.503601e-01
##	SAMPLE	28	11.591221535	0.0000000000	0.0000000000	1.203262e+01	1.306887e+01
##	SAMPLE	29	0.684342970	0.0000000000	0.0000000000	1.519094e+01	1.553167e-02
##	SAMPLE	30	0.295093033	0.0006339699	0.0000000000	9.191159e-03	0.000000e+00
##	SAMPLE	31	13.927492257	0.0000000000	0.0000000000	1.254077e+01	0.000000e+00
##	SAMPLE	32	14.562220210	0.1737307075	0.0000000000	9.736947e+00	4.076019e-02
##	SAMPLE	33	0.434469281	0.0000000000	0.0000000000	1.486162e+01	0.000000e+00
##	SAMPLE	34	0.894228972	0.0000000000	0.0000000000	1.419709e+01	0.000000e+00
##	SAMPLE	35	0.247240337	0.0000000000	0.0002027037	1.416150e-02	1.715721e-03
##	SAMPLE	36	13.896354518	0.0000000000	0.0000000000	1.294820e+01	7.408236e-01
##	SAMPLE	37	12.712477977	0.0000000000	0.0000000000	3.305283e-01	6.324293e-01
##	SAMPLE	38	12.963757249	0.0114193619	0.0000000000	1.426368e+01	0.000000e+00
##	SAMPLE	39	0.778446252	0.0071227915	0.0000000000	1.379744e+01	0.000000e+00
##	SAMPLE	40	13.751002977	0.0000000000	0.0000000000	1.643017e-02	0.000000e+00
##	SAMPLE	41	13.536106040	0.0000000000	0.0057373296	3.167286e-03	0.000000e+00
##	SAMPLE	42	14.057413426	0.0000000000	0.0000000000	4.882118e-02	3.209221e-02
##	SAMPLE	43	12.227642330	0.0145761690	0.0000000000	1.678470e-03	0.000000e+00
##	SAMPLE	44	0.676250592	0.0000000000	0.0000000000	6.711608e-04	2.742798e-02
##	SAMPLE	45	14.405915466	0.0456773383	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	46	12.066661466	0.2101698839	0.0000000000	1.311647e+01	0.000000e+00
##	SAMPLE	47	12.481782395	0.0000000000	0.0000000000	0.000000e+00	1.611618e-02
##	SAMPLE	48	0.026904071	0.0023722888	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	49	13.819488473	0.0030006524	0.0000000000	1.303201e+01	0.000000e+00
##	SAMPLE	50	13.097934680	0.0000000000	0.0042067052	1.423917e+01	0.000000e+00
##	SAMPLE	51	0.648086522	0.0000000000	0.0000000000	5.520681e-02	2.198166e-02
##	SAMPLE	52	0.012168825	0.0000000000	0.0000000000	4.859471e-01	0.000000e+00
##	SAMPLE	53	13.392806552	0.0069357266	0.0048838513	1.454160e+01	0.000000e+00
##	SAMPLE	54	13.751238941	0.0000000000	0.0000000000	1.409607e+01	0.000000e+00
##	SAMPLE	55	11.721796108	0.0000000000	0.0000000000	1.373281e+01	3.699000e-01
##	SAMPLE	56	0.062667501	0.0000000000	0.0000000000	1.480177e+01	7.433560e-04
##	SAMPLE	57	11.924651303	0.0000000000	0.0000000000	6.427592e-02	0.000000e+00
##	SAMPLE	58	13.008805221	0.0000000000	0.0000000000	1.412560e+01	5.281311e-02
##	SAMPLE	59	12.540961610	0.0000000000	0.0000000000	3.884717e-03	0.000000e+00
##	SAMPLE	60	0.510494945	0.0023808499	0.0000000000	1.331240e+01	0.000000e+00
##	SAMPLE	61	13.173963088	0.0000000000	0.0000000000	1.200620e+01	1.136873e-01
##	SAMPLE	62	13.074668798	0.0000000000	0.0028883753	2.941962e-01	2.116968e-01
##	SAMPLE	63	14.345415577	0.0000000000	0.0000000000	1.461406e+01	0.000000e+00
##	SAMPLE	64	13.429930484	0.3882446192	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	65	0.047697334	0.0000000000	0.0000000000	7.804542e-01	0.000000e+00
##	SAMPLE	66	13.233887906	0.0362118227	0.0000000000	1.420944e+01	0.000000e+00
##	SAMPLE	67	13.038450551	0.0000000000	0.0000000000	1.387169e+01	2.202897e-01
##	SAMPLE	68	13.589959592	0.0000000000	0.0000000000	6.374663e-02	0.000000e+00
##	SAMPLE	69	13.374688579	0.0000000000	0.0051160544	1.023206e-01	1.267845e-01
##	SAMPLE	70	0.581124793	0.0000000000	0.0000000000	1.464281e+01	0.000000e+00

##	SAMPLE	71	12.737396747	0.0000000000	0.0149767219	1.020213e-02	3.759587e-01
##	SAMPLE	72	13.498862178	0.0000000000	0.0000000000	6.399854e-01	0.000000e+00
##	SAMPLE	73	13.303529810	0.0000000000	0.0000000000	1.451884e+01	3.825810e-02
##	SAMPLE	74	13.252176552	0.0000000000	0.0000000000	1.411925e+01	4.412960e-01
##	SAMPLE	75	0.247949808	0.0123425808	0.0000000000	7.291690e-01	0.000000e+00
##	SAMPLE	76	0.685443575	0.0000000000	0.0000000000	8.088859e-01	1.210702e+01
##	SAMPLE	77	12.642013907	0.0980809102	0.0000000000	5.439122e-03	1.169834e+01
##	SAMPLE	78	12.568460475	0.0000000000	0.0000000000	1.712941e-01	1.480327e-02
##	SAMPLE	79	12.786757701	0.0000000000	0.0000000000	1.379862e+01	1.206746e+01
##	SAMPLE	80	12.753068387	0.6537133386	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	81	12.882702754	0.0307168975	0.0009054143	1.469334e-01	1.149254e-02
##	SAMPLE	82	12.341017629	0.0000000000	0.0000000000	1.472487e+01	1.737966e-02
##	SAMPLE	83	13.349661376	0.0019003607	0.0011668563	1.335916e+01	4.610740e-02
##	SAMPLE	84	0.772409496	0.0000000000	0.0000000000	1.492128e+01	0.000000e+00
##	SAMPLE	85	12.579548970	0.0026980024	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	86	14.806203007	0.0038456690	0.0000000000	5.557052e-02	2.016851e-01
##	SAMPLE	87	0.750170711	0.0000000000	0.0000000000	4.109895e-04	0.000000e+00
##	SAMPLE	88	14.235823873	0.0000000000	0.0007236124	1.411906e+01	3.126399e-01
##	SAMPLE	89	0.116413624	0.0000000000	0.0000000000	3.343437e-01	0.000000e+00
##	SAMPLE	90	13.969312986	0.0000000000	0.0000000000	1.417212e+01	7.179691e-02
##	SAMPLE	91	12.649089113	0.0000000000	0.0000000000	1.224420e+01	2.264928e-01
##	SAMPLE	92	13.882841998	0.0000000000	0.0000000000	1.194157e+01	3.406702e-02
##	SAMPLE	93	13.707968598	0.0006251584	0.0009314658	1.419412e+01	7.354399e-04
##	SAMPLE	94	13.855411564	0.0083092553	0.0000000000	5.136306e-03	1.003061e+01
##	SAMPLE	95	13.662265694	0.0174981075	0.0000000000	1.311683e+01	0.000000e+00
##	SAMPLE	96	14.262371473	0.2075703293	0.0000000000	1.298301e+01	3.188887e-01
##	SAMPLE	97	0.426565574	0.0000000000	0.0000000000	1.251821e+01	0.000000e+00
##	SAMPLE	98	13.880406730	0.0014523372	0.0000000000	2.867617e-02	1.557667e-03
##	SAMPLE	99	14.166665932	0.0000000000	0.0000000000	1.233008e+01	0.000000e+00
##	SAMPLE	100	0.773961097	0.0074238396	0.0000000000	1.590498e-04	0.000000e+00
##	SAMPLE	101	13.345098809	0.0009791893	0.0000000000	1.394611e+01	0.000000e+00
##	SAMPLE	102	0.426518933	0.0000000000	0.0000000000	1.243086e+01	0.000000e+00
##	SAMPLE	103	0.319002540	0.0000000000	0.0000000000	1.469199e+01	0.000000e+00
##	SAMPLE	104	13.354004360	0.0982838998	0.0000000000	1.388167e+01	5.190676e-01
##	SAMPLE	105	15.210599650	0.0034105920	0.0000000000	6.516120e-01	3.086911e-01
##	SAMPLE	106	12.551333529	0.0000000000	0.0000000000	1.275937e-03	3.576024e-01
##	SAMPLE	107	0.089580921	0.0000000000	0.0000000000	1.355333e+01	0.000000e+00
##	SAMPLE	108	0.771662244	0.0072898856	0.0000000000	1.352545e+01	0.000000e+00
##	SAMPLE	109	13.294491366	0.4889858783	0.0000000000	3.190829e-01	0.000000e+00
##	SAMPLE	110	0.454160261	0.0000000000	0.0000000000	6.914957e-01	0.000000e+00
##	SAMPLE	111	13.689696785	0.0000000000	0.0004259847	1.298602e+01	1.206224e+01
##	SAMPLE	112	13.734061309	0.0001968956	0.0000000000	4.046465e-01	0.000000e+00
##	SAMPLE	113	12.536500355	0.0613790222	0.0000000000	1.468806e+01	0.000000e+00
##	SAMPLE	114	12.399234116	0.0000000000	0.0000000000	1.121820e+01	4.916532e-01
##	SAMPLE	115	12.530078787	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	116	10.020043016	0.0000000000	0.0000000000	1.481052e+01	0.000000e+00
##	SAMPLE	117	11.244701226	0.0023895479	0.0000000000	1.405771e+01	3.439905e-01
##	SAMPLE	118	13.829821070	0.0000000000	0.0000000000	1.211809e+01	0.000000e+00
##	SAMPLE	119	12.931097472	0.0000000000	0.0000000000	1.253145e+01	6.182196e-01
##	SAMPLE	120	12.135144133	0.0000000000	0.0000000000	1.727310e-02	0.000000e+00
##	SAMPLE	121	13.769320023	0.0040657523	0.0000000000	1.361960e+01	1.002036e-01
##			OTU 410	OTU 412	OTU 414	OTU 416	OTU 419
##	SAMPLE	1	0.808186338	0.0000000000	1.197778e+01	12.7832466	14.17602496
##	SAMPLE	2	0.0000000000	0.0000000000	1.167331e+01	0.0000000	0.43296821
##	SAMPLE	3	0.0000000000	0.0000000000	0.000000e+00	12.3693768	12.56890983
##	SAMPLE	4	0.0000000000	0.0000000000	1.393052e+01	0.0000000	10.35512897

##	SAMPLE	5	0.000000000	0.0494620585	5.959420e-01	12.3217593	13.80786904
##	SAMPLE	6	0.000000000	0.000000000	1.987038e-02	0.0000000	11.60761432
##	SAMPLE	7	0.000000000	0.0003716773	0.000000e+00	0.4968151	13.75478927
##	SAMPLE	8	0.000000000	0.000000000	0.000000e+00	0.0000000	11.88939290
##	SAMPLE	9	0.000000000	0.000000000	1.152001e-02	0.0000000	12.62599896
##	SAMPLE	10	0.535066890	0.000000000	0.000000e+00	0.3776726	12.58147478
##	SAMPLE	11	0.000000000	0.000000000	1.274876e+01	13.1729490	11.63579664
##	SAMPLE	12	0.000000000	0.000000000	0.000000e+00	0.4785794	13.21437814
##	SAMPLE	13	0.000000000	0.000000000	1.339395e+01	10.3923031	12.37206216
##	SAMPLE	14	0.000000000	0.000000000	0.000000e+00	0.0000000	11.69799365
##	SAMPLE	15	0.000000000	0.000000000	3.600486e-02	0.0000000	13.22841406
##	SAMPLE	16	0.000000000	0.000000000	7.316537e-01	0.2372445	0.64151166
##	SAMPLE	17	0.000000000	0.000000000	0.000000e+00	14.0253956	0.27552225
##	SAMPLE	18	0.000000000	0.000000000	1.265972e+01	0.0000000	13.60522545
##	SAMPLE	19	0.000000000	0.000000000	0.000000e+00	0.0000000	12.46296373
##	SAMPLE	20	0.000000000	0.000000000	3.872400e-03	13.2337269	11.45294508
##	SAMPLE	21	0.000000000	0.000000000	9.630419e-02	0.7617432	12.94078678
##	SAMPLE	22	0.000000000	0.000000000	4.286230e-04	0.3907873	10.72392107
##	SAMPLE	23	0.000000000	0.000000000	0.000000e+00	12.1761466	13.67729276
##	SAMPLE	24	0.000000000	0.000000000	3.620452e-03	13.5599011	10.15698073
##	SAMPLE	25	0.000000000	0.000000000	1.279686e+01	12.2168481	13.08313454
##	SAMPLE	26	0.000000000	0.000000000	6.583549e-02	12.2737924	12.57762829
##	SAMPLE	27	0.000000000	0.000000000	1.234190e+01	13.6777591	12.15148015
##	SAMPLE	28	0.000000000	0.000000000	1.826334e-03	13.1980319	8.97985485
##	SAMPLE	29	0.000000000	0.000000000	0.000000e+00	13.1672903	10.11974468
##	SAMPLE	30	0.000000000	0.000000000	3.550726e-04	0.0000000	11.06966988
##	SAMPLE	31	0.000000000	0.000000000	0.000000e+00	0.0000000	13.44133802
##	SAMPLE	32	0.000000000	0.0041257719	0.000000e+00	0.0000000	11.70110366
##	SAMPLE	33	0.281713298	0.000000000	1.195793e+01	0.0000000	12.44158220
##	SAMPLE	34	0.000000000	0.000000000	0.000000e+00	0.0000000	0.26506231
##	SAMPLE	35	0.000000000	0.000000000	7.846595e-01	14.0917892	0.28666116
##	SAMPLE	36	0.004125180	0.0039512206	3.501015e-01	1.0393940	13.00928991
##	SAMPLE	37	0.163918628	0.000000000	1.267374e+01	0.4435600	12.81312868
##	SAMPLE	38	0.000000000	0.000000000	0.000000e+00	0.7568282	13.16072618
##	SAMPLE	39	0.000000000	0.000000000	7.902061e-02	0.3554344	13.89127369
##	SAMPLE	40	0.000000000	0.000000000	1.460629e-03	0.3862206	0.46780603
##	SAMPLE	41	0.000000000	0.000000000	0.000000e+00	10.0983097	12.20732174
##	SAMPLE	42	0.030293400	0.000000000	1.315613e+01	12.8165780	0.34226637
##	SAMPLE	43	0.000000000	0.000000000	2.649008e-01	13.5200883	12.79663182
##	SAMPLE	44	0.000000000	0.000000000	0.000000e+00	0.0000000	9.62924877
##	SAMPLE	45	0.000000000	0.000000000	1.016942e+01	12.7638448	12.78686929
##	SAMPLE	46	0.000000000	0.000000000	1.308084e+01	10.2190111	13.74155947
##	SAMPLE	47	0.000000000	0.000000000	0.000000e+00	0.0000000	12.10610986
##	SAMPLE	48	0.000000000	0.000000000	0.000000e+00	0.0000000	13.19158362
##	SAMPLE	49	0.000000000	0.000000000	8.453995e-01	0.0000000	14.03415805
##	SAMPLE	50	0.000000000	0.000000000	5.480039e-04	10.8928050	0.21613716
##	SAMPLE	51	0.000000000	0.0023331373	9.867119e-03	0.3122452	11.41018633
##	SAMPLE	52	0.000000000	0.000000000	0.000000e+00	0.0000000	12.48036288
##	SAMPLE	53	0.000000000	0.000000000	1.237631e+01	13.7264485	13.57972941
##	SAMPLE	54	0.000000000	0.000000000	3.508235e-01	13.0555905	0.45787834
##	SAMPLE	55	0.000000000	0.000000000	1.172591e+01	0.0000000	12.91310052
##	SAMPLE	56	0.000000000	0.000000000	0.000000e+00	0.0000000	12.59310643
##	SAMPLE	57	0.000000000	0.000000000	0.000000e+00	0.0000000	0.02276866
##	SAMPLE	58	0.000000000	0.000000000	3.368759e-01	10.2615435	11.41767256
##	SAMPLE	59	0.000000000	0.000000000	0.000000e+00	14.2723559	12.11470636
##	SAMPLE	60	0.000000000	0.000000000	2.403100e-01	0.8213624	11.42275196

##	SAMPLE	61	0.534686425	0.0000000000	2.305106e-01	12.1520353	11.99509033
##	SAMPLE	62	0.007187332	0.0000000000	1.282373e+01	12.4079461	12.43754071
##	SAMPLE	63	0.0000000000	0.0000000000	1.235361e+01	10.1777537	11.50261831
##	SAMPLE	64	0.0000000000	0.0000000000	0.000000e+00	12.9826751	13.37196677
##	SAMPLE	65	0.0000000000	0.0000000000	2.866172e-02	13.4015915	12.75065085
##	SAMPLE	66	0.0000000000	0.0000000000	1.271760e+01	0.0000000	12.55687592
##	SAMPLE	67	0.477386957	0.0000000000	1.258343e+01	0.4690098	14.23974176
##	SAMPLE	68	0.0000000000	0.0000000000	1.575050e-02	13.6188771	10.27469441
##	SAMPLE	69	0.0000000000	0.0000000000	0.000000e+00	0.6515838	12.56343732
##	SAMPLE	70	0.0000000000	0.0000000000	1.543828e-01	0.0000000	11.88869840
##	SAMPLE	71	0.0000000000	0.0000000000	1.260985e+01	12.3308640	9.84744753
##	SAMPLE	72	0.0000000000	0.0000000000	1.299041e+01	12.0502545	11.61327118
##	SAMPLE	73	0.0000000000	0.0000000000	3.716447e-01	12.5865620	13.92278352
##	SAMPLE	74	0.0000000000	0.0000000000	1.349020e+01	12.1096462	12.62851692
##	SAMPLE	75	0.0000000000	0.0000000000	0.000000e+00	0.0000000	12.89700615
##	SAMPLE	76	0.0000000000	0.0000000000	8.536675e-01	14.2698647	11.49066102
##	SAMPLE	77	0.0000000000	0.0000000000	0.000000e+00	0.4758672	0.39260268
##	SAMPLE	78	0.0000000000	0.0000000000	5.214320e-02	12.0988904	11.97972635
##	SAMPLE	79	0.409179371	0.0000000000	1.242363e+01	12.4767216	13.07003256
##	SAMPLE	80	0.0000000000	0.0000000000	1.226047e+01	13.0438633	12.92700631
##	SAMPLE	81	0.0000000000	0.0000000000	5.501062e-01	11.9355453	0.45970858
##	SAMPLE	82	0.0000000000	0.0000000000	1.252242e+01	13.0807680	12.82671952
##	SAMPLE	83	0.0000000000	0.0000000000	1.215470e-01	12.5879829	11.87848144
##	SAMPLE	84	0.0000000000	0.0000000000	5.628805e-01	12.1576114	11.51807131
##	SAMPLE	85	0.0000000000	0.0000000000	1.626596e-01	0.0000000	11.27708510
##	SAMPLE	86	0.0000000000	0.0000000000	0.000000e+00	13.2913551	11.43956810
##	SAMPLE	87	0.0000000000	0.0000000000	0.000000e+00	0.6493017	13.63142433
##	SAMPLE	88	0.074925645	0.0000000000	0.000000e+00	12.0255700	13.16861418
##	SAMPLE	89	0.0000000000	0.0000000000	0.000000e+00	0.0000000	0.16723682
##	SAMPLE	90	0.0000000000	0.0000000000	7.922205e-01	0.7331141	11.78511303
##	SAMPLE	91	0.070010340	0.0020479683	1.243615e+01	13.0681596	14.07017310
##	SAMPLE	92	0.0000000000	0.0058438270	9.846286e-02	12.5039761	10.85759918
##	SAMPLE	93	0.0000000000	0.0000000000	1.325069e+01	13.0364467	11.76149317
##	SAMPLE	94	0.0000000000	0.0000000000	0.000000e+00	11.8894800	12.29225587
##	SAMPLE	95	0.0000000000	0.0000000000	1.306265e+01	12.8634927	12.09709372
##	SAMPLE	96	0.0000000000	0.0000000000	0.000000e+00	0.4202288	14.91824553
##	SAMPLE	97	0.0000000000	0.0000000000	0.000000e+00	0.0000000	13.42449665
##	SAMPLE	98	0.0000000000	0.0000000000	0.000000e+00	13.9780214	11.45153964
##	SAMPLE	99	0.0000000000	0.0000000000	1.347323e+01	13.9989440	0.13417479
##	SAMPLE	100	0.0000000000	0.0000000000	0.000000e+00	0.4108144	13.55442272
##	SAMPLE	101	0.0000000000	0.0000000000	4.369442e-03	13.1812792	12.38962214
##	SAMPLE	102	0.161520918	0.0000000000	5.279725e-01	0.0000000	13.09178032
##	SAMPLE	103	0.0000000000	0.0000000000	0.000000e+00	0.0000000	9.03049469
##	SAMPLE	104	0.0000000000	0.0000000000	0.000000e+00	0.0000000	10.33507496
##	SAMPLE	105	0.0000000000	0.0000000000	1.916280e-01	0.0000000	13.21242322
##	SAMPLE	106	0.0000000000	0.0000000000	4.841787e-02	0.7940272	12.82985921
##	SAMPLE	107	0.0000000000	0.0000000000	0.000000e+00	0.0000000	0.34326906
##	SAMPLE	108	0.0000000000	0.0000000000	1.248897e+01	0.0000000	14.69356004
##	SAMPLE	109	0.0000000000	0.0000000000	0.000000e+00	0.0000000	13.37967160
##	SAMPLE	110	0.0000000000	0.0000000000	5.152585e-01	0.0000000	11.69688524
##	SAMPLE	111	0.0000000000	0.0000000000	6.754311e-02	10.0361471	12.87406573
##	SAMPLE	112	0.0000000000	0.0000000000	8.273026e-02	0.0000000	12.68062876
##	SAMPLE	113	0.0000000000	0.0000000000	5.321779e-01	0.0000000	0.32812984
##	SAMPLE	114	11.919089778	0.0000000000	0.000000e+00	0.0000000	13.71474316
##	SAMPLE	115	0.0000000000	0.0000000000	3.159277e-02	0.0000000	0.13690647
##	SAMPLE	116	0.0000000000	0.0000000000	8.377429e-03	13.0460538	0.22483694

##	SAMPLE	117	0.148814568	0.0000000000	1.206385e+01	12.1187869	13.46841154
##	SAMPLE	118	0.0000000000	0.0000000000	1.228006e+01	0.0000000	12.14154337
##	SAMPLE	119	0.0000000000	0.0000000000	1.304509e+01	0.0000000	12.43643639
##	SAMPLE	120	0.0000000000	0.0000000000	1.092824e-01	11.9330482	12.91995151
##	SAMPLE	121	0.0000000000	0.0000000000	1.281572e+01	12.1975991	8.92138854
##			OTU 420	OTU 426	OTU 429	OTU 431	OTU 434
##	SAMPLE	1	0.0003038581	0.0000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	2	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	3	0.0000000000	0.000000000	0.000000000	0.0000000	0.0056789851
##	SAMPLE	4	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	5	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	6	0.0053813045	0.000000000	0.000000000	0.0000000	0.0025157949
##	SAMPLE	7	0.0000000000	0.000000000	0.000000000	0.0000000	0.0085279973
##	SAMPLE	8	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	9	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	10	0.0062066051	0.000000000	0.08762753	0.2310943	0.0000000000
##	SAMPLE	11	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	12	0.0033412689	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	13	0.0035829680	0.000000000	0.34887164	0.6359355	0.0000000000
##	SAMPLE	14	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	15	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	16	0.0353537736	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	17	0.0000000000	0.000000000	0.000000000	0.0000000	0.0238798870
##	SAMPLE	18	0.0000000000	0.000000000	0.000000000	0.0000000	0.0099911840
##	SAMPLE	19	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	20	0.0000000000	13.115462563	0.000000000	0.0000000	0.0000000000
##	SAMPLE	21	0.0000000000	0.000000000	0.000000000	0.0000000	0.0230659247
##	SAMPLE	22	0.0000000000	13.635144373	0.000000000	0.0000000	0.0000000000
##	SAMPLE	23	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	24	0.0050341986	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	25	0.0055508394	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	26	0.0000000000	0.237843993	0.000000000	0.0000000	0.0000000000
##	SAMPLE	27	0.0000000000	0.186253935	0.000000000	0.1770326	0.0000000000
##	SAMPLE	28	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	29	0.0007301186	0.001069820	0.000000000	0.0000000	0.0004910005
##	SAMPLE	30	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	31	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	32	0.0031681616	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	33	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	34	0.0000000000	0.000000000	0.000000000	0.0000000	0.0084574000
##	SAMPLE	35	0.0000000000	14.295060235	0.000000000	0.0000000	0.0000000000
##	SAMPLE	36	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	37	0.0019855820	0.112753987	0.000000000	0.0000000	0.0000000000
##	SAMPLE	38	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	39	0.0000000000	0.881171657	12.22001019	0.0000000	0.0434778563
##	SAMPLE	40	0.0000000000	0.000000000	0.000000000	0.0000000	0.0004749384
##	SAMPLE	41	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	42	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	43	0.0000000000	0.000000000	11.83019267	0.0000000	0.0000000000
##	SAMPLE	44	0.0000000000	0.718017896	0.000000000	0.0000000	0.5946460360
##	SAMPLE	45	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	46	0.0028190570	0.625182895	0.000000000	0.0000000	0.0000000000
##	SAMPLE	47	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	48	0.0000000000	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	49	0.0063374563	0.000000000	0.000000000	0.0000000	0.0000000000
##	SAMPLE	50	0.0002087988	0.000000000	0.000000000	0.0000000	0.0033095444

##	SAMPLE	51	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0020360792
##	SAMPLE	52	0.0000000000	0.009392719	13.65098522	0.00000000	0.0000000000
##	SAMPLE	53	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	54	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	55	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	56	0.0213929650	0.0000000000	0.64694343	12.0561662	0.0000000000
##	SAMPLE	57	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	58	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	59	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	60	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0020074867
##	SAMPLE	61	0.0000000000	12.757478639	0.0000000000	0.00000000	0.1082854062
##	SAMPLE	62	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	63	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	64	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0013783970
##	SAMPLE	65	0.0027477666	0.0000000000	0.0000000000	0.00000000	0.4251573928
##	SAMPLE	66	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	67	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	68	0.0000000000	0.008032730	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	69	0.0000000000	10.272968372	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	70	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	71	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0024952175
##	SAMPLE	72	0.0004845118	12.168195982	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	73	0.0005565490	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	74	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	75	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	76	0.0033476245	0.0000000000	0.0000000000	0.00000000	0.0034688306
##	SAMPLE	77	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0043346496
##	SAMPLE	78	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0061452748
##	SAMPLE	79	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	80	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	81	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	82	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	83	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	84	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	85	0.0000000000	0.223260845	0.0000000000	0.00000000	0.0079191170
##	SAMPLE	86	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	87	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	88	0.0068036860	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	89	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	90	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	91	0.0000000000	13.155917648	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	92	0.0000000000	0.982833956	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	93	0.0007599452	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	94	0.0013071782	14.018858173	0.11369279	0.00000000	0.0521231083
##	SAMPLE	95	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	96	0.0043720335	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	97	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	98	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	99	0.0035483920	0.0000000000	0.0000000000	0.00000000	0.0025190896
##	SAMPLE	100	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0061721138
##	SAMPLE	101	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0018867373
##	SAMPLE	102	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	103	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	104	0.0024993408	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	105	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	106	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000

##	SAMPLE	107	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0162218307
##	SAMPLE	108	0.0000000000	12.063081684	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	109	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	110	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0416033687
##	SAMPLE	111	0.0060602760	12.080689383	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	112	0.0000000000	0.758788599	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	113	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	114	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	115	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	116	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	117	0.0025082820	0.0000000000	0.0000000000	0.00000000	0.0013797393
##	SAMPLE	118	0.0000000000	0.066487786	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	119	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	120	0.0000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	121	0.0066119097	0.0000000000	0.0000000000	0.00000000	0.0000000000
##			OTU 436	OTU 438	OTU 440	OTU 442	OTU 445
##	SAMPLE	1	0.000000e+00	0.0031101775	0.0000000000	0.0000000000	0.0549000602
##	SAMPLE	2	0.000000e+00	0.0000000000	0.0000000000	0.043989283	0.0102896878
##	SAMPLE	3	8.717686e-03	0.0141310801	0.0000000000	0.0000000000	0.0131374169
##	SAMPLE	4	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	5	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	6	1.681607e-02	0.2532305917	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	7	2.331762e-02	0.0019140905	0.0000000000	0.0000000000	0.0978673302
##	SAMPLE	8	1.106198e-01	0.0101216020	0.0000000000	0.604494973	0.0368659494
##	SAMPLE	9	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	10	0.000000e+00	0.0000000000	13.036576335	0.003533727	0.0135478682
##	SAMPLE	11	0.000000e+00	0.0027758728	0.0000000000	0.0000000000	0.0138146115
##	SAMPLE	12	1.004550e-02	0.0052771408	0.0000000000	0.0000000000	0.0052909550
##	SAMPLE	13	3.733167e-02	0.0304169643	0.0000000000	0.001805977	0.0066402341
##	SAMPLE	14	0.000000e+00	0.0000000000	11.925608940	0.005335019	0.0000000000
##	SAMPLE	15	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	16	0.000000e+00	0.0003888325	0.0000000000	13.555108207	0.0000000000
##	SAMPLE	17	9.630540e-04	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	18	3.692586e-03	0.0000000000	12.275938146	0.0000000000	0.0000000000
##	SAMPLE	19	0.000000e+00	0.0018997199	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	20	3.540740e-03	0.0000000000	11.992298683	0.0000000000	0.0000000000
##	SAMPLE	21	1.856595e-02	0.0000000000	0.0000000000	0.0000000000	0.1189951336
##	SAMPLE	22	0.000000e+00	0.0000000000	8.064087016	0.0000000000	0.0000000000
##	SAMPLE	23	4.455911e-03	0.0000000000	0.0000000000	0.0000000000	0.1029454228
##	SAMPLE	24	1.103375e-01	0.0165908578	0.0000000000	0.0000000000	0.0547884467
##	SAMPLE	25	0.000000e+00	0.0000000000	0.631287485	0.876661858	0.0043417778
##	SAMPLE	26	0.000000e+00	0.0000000000	12.600607393	0.034861413	0.0027093229
##	SAMPLE	27	0.000000e+00	0.0000000000	0.0000000000	0.022598878	0.0000000000
##	SAMPLE	28	0.000000e+00	0.0000000000	12.803160483	0.0000000000	0.0105196933
##	SAMPLE	29	0.000000e+00	0.0003525376	0.0000000000	0.0000000000	0.0074773129
##	SAMPLE	30	1.713977e-02	0.0179124789	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	31	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	32	0.000000e+00	0.0316379588	0.087626156	0.018276111	0.0329230445
##	SAMPLE	33	0.000000e+00	0.0000000000	0.0000000000	0.192956524	0.0000000000
##	SAMPLE	34	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	35	7.591159e-03	0.0051027636	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	36	0.000000e+00	0.0000000000	0.0000000000	12.300214307	0.0000000000
##	SAMPLE	37	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	38	1.426045e-02	0.0040444964	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	39	2.193643e-03	0.0296522082	0.595200021	0.059159166	0.0000000000
##	SAMPLE	40	0.000000e+00	0.0055633027	0.365569603	0.0000000000	0.0345970727

##	SAMPLE	41	0.000000e+00	0.0090519967	0.000000000	0.000000000	0.000000000
##	SAMPLE	42	0.000000e+00	0.0000000000	11.867173908	0.000000000	0.000000000
##	SAMPLE	43	6.930250e-02	0.0183981542	0.000000000	0.000000000	0.0647935425
##	SAMPLE	44	2.699039e-01	0.6141685030	0.202860935	0.000000000	0.000000000
##	SAMPLE	45	2.515393e-03	0.0029966628	0.000000000	0.000000000	0.0504923471
##	SAMPLE	46	1.231305e-02	0.0051209847	0.000000000	0.171977686	0.0347714113
##	SAMPLE	47	0.000000e+00	0.0000000000	0.000000000	0.136387925	0.1008287978
##	SAMPLE	48	5.913890e-03	0.0101347484	0.000000000	0.000000000	0.000000000
##	SAMPLE	49	5.726763e-03	0.0137158802	0.000000000	0.000000000	0.0256332164
##	SAMPLE	50	0.000000e+00	0.0257041188	0.000000000	0.000000000	0.000000000
##	SAMPLE	51	2.150343e-03	0.0002060842	0.183629934	0.000000000	0.0049685169
##	SAMPLE	52	1.021828e-01	0.0000000000	0.000000000	0.000000000	0.3571551675
##	SAMPLE	53	0.000000e+00	0.0079101431	0.000000000	0.000000000	0.0584309077
##	SAMPLE	54	1.498250e-02	0.0000000000	0.002217781	0.000000000	0.000000000
##	SAMPLE	55	0.000000e+00	0.0000000000	0.000000000	0.210296221	0.000000000
##	SAMPLE	56	2.900603e-03	0.0000000000	0.000000000	0.024243603	0.000000000
##	SAMPLE	57	0.000000e+00	0.0000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	58	1.601008e-02	0.0148517064	0.000000000	0.000000000	0.000000000
##	SAMPLE	59	0.000000e+00	0.0000000000	13.437585332	0.000000000	0.3868509636
##	SAMPLE	60	1.639817e-02	0.0000000000	0.000000000	0.123646278	0.000000000
##	SAMPLE	61	3.344044e-02	0.0082258233	13.025827842	0.000000000	0.000000000
##	SAMPLE	62	0.000000e+00	0.0000000000	0.000000000	0.000000000	0.0286209169
##	SAMPLE	63	7.236928e-03	0.0000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	64	1.102870e-03	0.0000000000	0.000000000	0.000000000	0.2966828807
##	SAMPLE	65	0.000000e+00	9.8166836902	0.049310423	12.741492665	0.000000000
##	SAMPLE	66	0.000000e+00	0.0000000000	0.000000000	12.652342668	0.0296022980
##	SAMPLE	67	0.000000e+00	0.0000000000	12.721400364	0.000000000	0.0113134063
##	SAMPLE	68	4.403812e-02	0.0024125852	0.058824166	0.184647567	0.000000000
##	SAMPLE	69	0.000000e+00	0.0000000000	12.609842841	0.000000000	0.000000000
##	SAMPLE	70	1.858808e-02	0.0000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	8.742184e-02	0.0813558920	0.000000000	0.294159691	0.000000000
##	SAMPLE	72	0.000000e+00	0.0000000000	13.596618229	0.010975250	0.0016463833
##	SAMPLE	73	2.569571e-03	0.0000000000	0.009031859	0.000000000	0.0012780973
##	SAMPLE	74	0.000000e+00	0.0000000000	0.000000000	0.000000000	0.0222269203
##	SAMPLE	75	0.000000e+00	0.0000000000	0.869107027	0.000637139	0.000000000
##	SAMPLE	76	3.815053e-03	0.0396841136	0.000000000	0.000000000	0.0455779053
##	SAMPLE	77	0.000000e+00	0.0000000000	0.000000000	0.072693086	0.0025387645
##	SAMPLE	78	0.000000e+00	0.0000000000	12.414463574	0.000000000	0.0034737475
##	SAMPLE	79	0.000000e+00	0.0000000000	0.000000000	12.239231197	0.0055862667
##	SAMPLE	80	2.020648e-02	0.0000000000	0.000000000	12.943375378	0.0416373502
##	SAMPLE	81	0.000000e+00	0.0000000000	9.717652142	0.006434845	0.0282890095
##	SAMPLE	82	0.000000e+00	0.0000000000	0.000000000	0.161726055	0.0099279664
##	SAMPLE	83	1.317552e-02	0.0035487811	0.000000000	0.000000000	0.0207850396
##	SAMPLE	84	5.810538e-02	0.0498186105	0.000000000	0.000000000	0.000000000
##	SAMPLE	85	0.000000e+00	0.0000000000	12.870343556	0.000000000	0.000000000
##	SAMPLE	86	4.699503e-02	0.0008851934	0.001661034	0.000000000	0.0236294177
##	SAMPLE	87	2.864651e-04	0.0000000000	12.889106082	0.000000000	0.0069020998
##	SAMPLE	88	0.000000e+00	0.0000000000	0.000000000	11.999927074	0.0085128678
##	SAMPLE	89	1.201789e+01	0.3127790379	0.000000000	0.000000000	0.000000000
##	SAMPLE	90	0.000000e+00	0.0000000000	14.597688339	0.000000000	0.0008988542
##	SAMPLE	91	2.665955e-03	0.0125458429	13.347831001	0.161789341	0.000000000
##	SAMPLE	92	0.000000e+00	0.0000000000	1.099595617	0.090315192	0.0177499474
##	SAMPLE	93	2.352142e-02	0.0230422337	0.000000000	0.000000000	0.000000000
##	SAMPLE	94	2.407849e-02	0.0106006401	0.663635338	0.053742412	0.0401585920
##	SAMPLE	95	1.902128e-02	0.0000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	96	0.000000e+00	0.0000000000	0.000000000	0.281164954	0.2572674278

##	SAMPLE	97	0.000000e+00	0.0000000000	13.100377448	0.000000000	0.0035527933
##	SAMPLE	98	2.119237e-03	0.0005507309	0.000000000	0.148300544	0.0059365638
##	SAMPLE	99	2.485882e-02	0.0104007100	0.000000000	0.000000000	0.0281677842
##	SAMPLE	100	6.298194e-02	0.0025051522	0.000000000	12.940466759	0.0088316769
##	SAMPLE	101	0.000000e+00	0.0033818049	13.298617035	0.000000000	0.0231015071
##	SAMPLE	102	0.000000e+00	0.0000000000	0.819460976	0.132694324	0.0000000000
##	SAMPLE	103	1.104838e-02	0.0000000000	0.000000000	0.000000000	0.0000000000
##	SAMPLE	104	0.000000e+00	0.0009414964	0.669476683	0.000000000	0.1100650140
##	SAMPLE	105	0.000000e+00	0.0000000000	0.000000000	0.000000000	0.0765533255
##	SAMPLE	106	0.000000e+00	0.0000000000	0.470049371	0.002244072	0.0000000000
##	SAMPLE	107	1.563401e-02	0.0999816938	0.000000000	0.000000000	0.0000000000
##	SAMPLE	108	4.312615e-03	0.0000000000	13.707801432	0.000000000	0.0000000000
##	SAMPLE	109	2.559834e-02	0.0000000000	0.000000000	0.006647206	0.0094151234
##	SAMPLE	110	4.523752e-02	0.0000000000	0.247464959	0.000000000	0.0000000000
##	SAMPLE	111	0.000000e+00	0.0000000000	0.804295703	0.071068012	0.0000000000
##	SAMPLE	112	1.701233e-02	0.0000000000	0.738866348	0.000000000	0.1077927301
##	SAMPLE	113	0.000000e+00	0.0456650109	0.000000000	0.000000000	0.0000000000
##	SAMPLE	114	0.000000e+00	0.0000000000	11.866275227	0.161113698	0.0000000000
##	SAMPLE	115	0.000000e+00	0.0241092057	0.000000000	0.000000000	0.0000000000
##	SAMPLE	116	0.000000e+00	0.0000000000	11.792983170	0.000000000	0.0000000000
##	SAMPLE	117	1.140870e-02	0.0121380141	0.000000000	11.805155977	0.0218855275
##	SAMPLE	118	0.000000e+00	0.0000000000	0.316107384	0.000000000	0.0000000000
##	SAMPLE	119	0.000000e+00	0.0000000000	0.000000000	0.000000000	0.0330685509
##	SAMPLE	120	0.000000e+00	0.0022895137	0.000000000	0.000000000	0.3623255225
##	SAMPLE	121	0.000000e+00	0.0000000000	0.000000000	0.000000000	0.0230233812
##			OTU 448	OTU 451	OTU 453	OTU 459	OTU 461
##	SAMPLE	1	1.587390e-02	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	2	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	3	3.956806e-03	0.0000000000	0.0000000000	3.568902e-01	0.0687755212
##	SAMPLE	4	0.000000e+00	0.0193677859	0.0216089428	0.000000e+00	0.0000000000
##	SAMPLE	5	1.665281e-02	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	6	3.352709e-02	0.0456067617	0.0314217447	0.000000e+00	0.0000000000
##	SAMPLE	7	4.636066e-03	0.0000000000	0.0000000000	0.000000e+00	0.1875263543
##	SAMPLE	8	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	9	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	10	2.052565e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	11	2.429422e-02	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	12	1.564892e-01	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	13	3.454307e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	14	0.000000e+00	0.3670940335	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	15	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	16	5.133239e-02	0.0017242920	0.0011114161	0.000000e+00	0.0000000000
##	SAMPLE	17	3.349693e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	18	1.627250e-01	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	19	0.000000e+00	0.0229096337	0.0514426439	0.000000e+00	0.4367703944
##	SAMPLE	20	3.071654e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	21	1.069548e-02	0.0000000000	0.0000000000	0.000000e+00	0.0015744064
##	SAMPLE	22	0.000000e+00	0.0000000000	0.0000000000	1.223450e+01	0.0348115331
##	SAMPLE	23	9.885780e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	24	6.779919e-02	0.0533634023	0.0872545609	4.510331e-01	0.1010665209
##	SAMPLE	25	2.525440e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	26	3.460864e-01	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	27	3.331417e-03	0.0000000000	0.0000000000	8.030102e-01	0.1067797339
##	SAMPLE	28	3.482848e-02	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	29	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	30	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000

##	SAMPLE	31	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	32	0.000000e+00	0.0000000000	0.0000000000	1.217553e+01	0.1399822532
##	SAMPLE	33	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	34	0.000000e+00	0.0000000000	0.0000000000	1.258260e+01	0.0000000000
##	SAMPLE	35	9.755414e-02	0.0000000000	0.0000000000	0.000000e+00	0.0001669354
##	SAMPLE	36	0.000000e+00	0.1583844097	0.0487923056	0.000000e+00	0.0000000000
##	SAMPLE	37	5.624163e-03	0.0043142567	0.0130402095	0.000000e+00	0.0000000000
##	SAMPLE	38	0.000000e+00	0.0093159331	0.0243730920	0.000000e+00	0.0000000000
##	SAMPLE	39	8.273585e-01	0.0008397473	0.0076275368	0.000000e+00	0.0000000000
##	SAMPLE	40	6.088546e-04	0.0000000000	0.0000000000	1.667379e-03	0.0000000000
##	SAMPLE	41	2.658871e-02	0.0041270299	0.0041206347	0.000000e+00	0.0000000000
##	SAMPLE	42	2.891614e-01	0.2723149502	0.0542675270	0.000000e+00	0.0000000000
##	SAMPLE	43	4.605841e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	44	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	45	0.000000e+00	0.0000000000	0.0017855263	0.000000e+00	0.0000000000
##	SAMPLE	46	4.214549e-01	0.0925589533	0.0914382682	0.000000e+00	0.0000000000
##	SAMPLE	47	3.883182e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	48	5.572544e-02	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	49	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	50	5.946721e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	51	1.553132e-02	0.0000000000	0.0000000000	2.253169e-03	0.0000000000
##	SAMPLE	52	6.429017e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	53	5.372179e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	54	2.164920e-02	0.0000000000	0.0008278428	0.000000e+00	0.0000000000
##	SAMPLE	55	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	56	2.552975e-03	0.0187622696	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	57	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	58	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	59	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	60	0.000000e+00	0.0000000000	0.0000000000	8.280804e-03	0.0000000000
##	SAMPLE	61	0.000000e+00	0.0000000000	0.0110165496	0.000000e+00	0.0000000000
##	SAMPLE	62	0.000000e+00	0.0014754431	0.0098153898	0.000000e+00	0.0000000000
##	SAMPLE	63	1.395306e-02	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	64	5.901993e-02	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	65	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	66	8.395852e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	67	0.000000e+00	0.0000000000	0.0006254080	0.000000e+00	0.0000000000
##	SAMPLE	68	0.000000e+00	0.0000000000	0.0045522298	0.000000e+00	0.0000000000
##	SAMPLE	69	2.774872e-01	0.0016952322	0.0035436693	0.000000e+00	0.0000000000
##	SAMPLE	70	0.000000e+00	0.2271741995	0.1144622115	0.000000e+00	0.0000000000
##	SAMPLE	71	1.048507e-02	0.0000000000	0.0000000000	0.000000e+00	0.0741686602
##	SAMPLE	72	1.729322e-03	0.0000000000	0.0000000000	4.769492e-02	0.0000000000
##	SAMPLE	73	4.398804e-03	0.0000000000	0.0000000000	4.055824e-01	0.0000000000
##	SAMPLE	74	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	75	1.322009e+01	0.0000000000	0.0000000000	3.821071e-01	0.0000000000
##	SAMPLE	76	9.252299e-03	0.0000000000	0.0082878360	0.000000e+00	0.0000000000
##	SAMPLE	77	4.928603e-03	0.1895106394	0.0744006381	9.347211e-02	0.1196898646
##	SAMPLE	78	3.543038e-02	0.0000000000	0.0000000000	6.220679e-01	0.0014033578
##	SAMPLE	79	5.433588e-02	0.0000000000	0.0004148694	0.000000e+00	0.0000000000
##	SAMPLE	80	1.690892e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	81	2.166527e-03	0.0088657296	0.0047411314	0.000000e+00	0.0000000000
##	SAMPLE	82	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	83	0.000000e+00	0.0027772400	0.0038428562	0.000000e+00	0.0000000000
##	SAMPLE	84	0.000000e+00	0.1468936180	0.0746554879	0.000000e+00	0.0000000000
##	SAMPLE	85	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	86	7.553256e-03	0.0000000000	0.0000000000	0.000000e+00	0.0000000000

##	SAMPLE	87	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	88	1.174982e-02	0.0801459969	0.0152283453	0.000000e+00	0.0000000000
##	SAMPLE	89	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	90	1.057394e-02	0.0417697435	0.0405976421	0.000000e+00	0.0000000000
##	SAMPLE	91	4.752332e-02	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	92	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	93	3.684703e-01	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	94	4.821197e-03	0.0130498827	0.0084799262	1.250726e+01	0.6489569902
##	SAMPLE	95	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	96	0.000000e+00	0.0000000000	0.0000000000	1.307496e+01	0.2078050468
##	SAMPLE	97	0.000000e+00	0.0000000000	0.0000000000	1.214258e-01	0.0000000000
##	SAMPLE	98	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	99	1.811803e-02	0.0000000000	0.0000000000	1.613600e-01	0.0000000000
##	SAMPLE	100	6.269391e-03	0.0000000000	0.0014733008	0.000000e+00	0.3844498406
##	SAMPLE	101	4.545703e-03	0.0000000000	0.0007610193	0.000000e+00	0.0000000000
##	SAMPLE	102	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	103	0.000000e+00	0.0000000000	0.0087466687	1.997683e-01	0.0000000000
##	SAMPLE	104	0.000000e+00	0.0000000000	0.0000000000	7.588873e-04	0.0000000000
##	SAMPLE	105	0.000000e+00	0.0000000000	0.0000000000	8.504768e-03	0.0000000000
##	SAMPLE	106	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	107	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	108	5.391894e-03	0.0000000000	0.0000000000	0.000000e+00	0.0098256366
##	SAMPLE	109	0.000000e+00	0.0000000000	0.0000000000	1.432574e+01	0.0000000000
##	SAMPLE	110	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	111	7.583719e-03	0.0166480227	0.0198972888	6.781939e-01	0.0000000000
##	SAMPLE	112	1.207016e-03	0.0000000000	0.0000000000	1.688325e-02	0.0066206339
##	SAMPLE	113	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0016129534
##	SAMPLE	114	0.000000e+00	0.0000000000	0.0000000000	2.854705e-01	0.0000000000
##	SAMPLE	115	0.000000e+00	0.0000000000	0.0000000000	1.437651e-01	0.0370176578
##	SAMPLE	116	3.697170e-04	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	117	5.223440e-03	0.0001666213	0.0017956663	0.000000e+00	0.0000000000
##	SAMPLE	118	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	119	2.546380e-02	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	120	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	121	0.000000e+00	0.0004325467	0.0095028339	0.000000e+00	0.0000000000
##			OTU 463	OTU 465	OTU 467	OTU 471	OTU 473
##	SAMPLE	1	0.00000000	0.000000e+00	13.213170109	0.000000e+00	0.0000000000
##	SAMPLE	2	0.00000000	0.000000e+00	12.029908366	0.000000e+00	0.0000000000
##	SAMPLE	3	0.00000000	0.000000e+00	0.0000000000	1.412194e+01	0.0000000000
##	SAMPLE	4	0.00000000	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	5	0.00000000	0.000000e+00	0.0000000000	1.180027e+01	0.0000000000
##	SAMPLE	6	0.00000000	1.127157e-02	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	7	11.9324318	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	8	0.00000000	0.000000e+00	12.954338938	0.000000e+00	0.0000000000
##	SAMPLE	9	0.00000000	0.000000e+00	0.0000000000	0.000000e+00	0.581056122
##	SAMPLE	10	0.00000000	0.000000e+00	12.416496544	0.000000e+00	0.0000000000
##	SAMPLE	11	0.00000000	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	12	0.00000000	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	13	0.00000000	0.000000e+00	0.008587894	0.000000e+00	0.0000000000
##	SAMPLE	14	0.00000000	7.866841e-04	12.936278037	0.000000e+00	0.0000000000
##	SAMPLE	15	0.00000000	6.188311e-03	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	16	0.00000000	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	17	0.00000000	0.000000e+00	0.0000000000	6.453941e-01	0.004783459
##	SAMPLE	18	0.00000000	0.000000e+00	0.0000000000	1.280827e-01	0.0000000000
##	SAMPLE	19	14.5250625	1.308465e+01	0.0000000000	4.212375e-02	0.0000000000
##	SAMPLE	20	0.00000000	0.000000e+00	0.0000000000	0.000000e+00	13.107355013

##	SAMPLE	21	0.0000000	0.000000e+00	13.121119959	1.730510e-03	0.000000000
##	SAMPLE	22	0.0000000	4.334089e-01	12.211691840	0.000000e+00	0.000000000
##	SAMPLE	23	0.0000000	0.000000e+00	12.640410056	0.000000e+00	0.000000000
##	SAMPLE	24	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.003003937
##	SAMPLE	25	0.0000000	0.000000e+00	0.000000000	1.084955e+01	0.000000000
##	SAMPLE	26	0.0000000	0.000000e+00	13.206264790	0.000000e+00	0.000000000
##	SAMPLE	27	0.0000000	0.000000e+00	12.460895869	0.000000e+00	0.000000000
##	SAMPLE	28	0.0000000	0.000000e+00	10.971527453	0.000000e+00	0.000000000
##	SAMPLE	29	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	30	0.0000000	4.439097e-05	0.000000000	2.609377e-03	0.000000000
##	SAMPLE	31	0.0000000	0.000000e+00	0.000000000	4.148010e-02	0.000000000
##	SAMPLE	32	0.0000000	0.000000e+00	0.000000000	8.703530e-03	0.321555786
##	SAMPLE	33	0.0000000	0.000000e+00	0.000000000	1.328245e+01	0.000000000
##	SAMPLE	34	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.657956336
##	SAMPLE	35	0.0000000	1.629757e-01	0.205575476	0.000000e+00	0.000000000
##	SAMPLE	36	0.0000000	0.000000e+00	12.408884305	0.000000e+00	0.000000000
##	SAMPLE	37	0.0000000	0.000000e+00	0.000000000	1.401125e+01	0.000000000
##	SAMPLE	38	0.0000000	0.000000e+00	11.861661735	0.000000e+00	0.000000000
##	SAMPLE	39	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	40	0.0000000	0.000000e+00	12.400333096	7.549246e-04	0.042496470
##	SAMPLE	41	0.0000000	0.000000e+00	0.000000000	3.201423e-02	0.000000000
##	SAMPLE	42	0.0000000	0.000000e+00	13.268509344	1.529796e-02	0.000000000
##	SAMPLE	43	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	44	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	45	0.0000000	0.000000e+00	0.000000000	1.270671e+01	0.000000000
##	SAMPLE	46	0.0000000	5.962763e-02	0.762810491	0.000000e+00	0.000000000
##	SAMPLE	47	0.0000000	0.000000e+00	10.669655733	0.000000e+00	0.000000000
##	SAMPLE	48	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	49	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.831534078
##	SAMPLE	50	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	51	0.0000000	9.670826e-04	0.000000000	3.428317e-02	0.000000000
##	SAMPLE	52	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	53	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	54	0.0000000	0.000000e+00	0.002463898	0.000000e+00	0.000000000
##	SAMPLE	55	0.0000000	0.000000e+00	12.510899627	0.000000e+00	0.000000000
##	SAMPLE	56	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	57	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	58	0.0000000	0.000000e+00	0.000000000	1.383491e+01	0.000000000
##	SAMPLE	59	0.0000000	0.000000e+00	12.679641369	0.000000e+00	0.000000000
##	SAMPLE	60	0.0000000	0.000000e+00	13.223814049	0.000000e+00	0.000000000
##	SAMPLE	61	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	62	0.0000000	0.000000e+00	0.000000000	1.307120e+01	0.000000000
##	SAMPLE	63	0.0000000	0.000000e+00	0.000000000	5.580567e-02	0.000000000
##	SAMPLE	64	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	65	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	66	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	67	0.0000000	0.000000e+00	12.360242518	0.000000e+00	0.000000000
##	SAMPLE	68	0.5726274	5.088131e-01	0.001622434	7.726162e-01	0.000000000
##	SAMPLE	69	0.0000000	0.000000e+00	0.341212861	0.000000e+00	0.000000000
##	SAMPLE	70	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	71	0.0000000	2.469521e-01	0.000000000	9.439034e-03	0.000000000
##	SAMPLE	72	0.0000000	0.000000e+00	12.002811612	0.000000e+00	0.000000000
##	SAMPLE	73	0.0000000	0.000000e+00	0.007285775	0.000000e+00	0.000000000
##	SAMPLE	74	0.0000000	2.121492e-01	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	75	0.0000000	0.000000e+00	0.568032969	0.000000e+00	0.000000000
##	SAMPLE	76	0.0000000	0.000000e+00	0.000000000	1.787950e-03	0.000000000

##	SAMPLE 77	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 78	0.0000000	0.000000e+00	12.937184310	0.000000e+00	0.000000000
##	SAMPLE 79	0.0000000	0.000000e+00	0.000000000	8.502049e-01	0.000000000
##	SAMPLE 80	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 81	0.0000000	0.000000e+00	10.398868355	0.000000e+00	0.000000000
##	SAMPLE 82	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 83	0.0000000	0.000000e+00	11.978076959	0.000000e+00	0.000000000
##	SAMPLE 84	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 85	0.0000000	0.000000e+00	12.289096885	0.000000e+00	0.000000000
##	SAMPLE 86	0.0000000	0.000000e+00	0.012582820	0.000000e+00	0.000000000
##	SAMPLE 87	0.0000000	0.000000e+00	12.680030308	0.000000e+00	0.000000000
##	SAMPLE 88	0.0000000	0.000000e+00	12.178705976	0.000000e+00	0.000000000
##	SAMPLE 89	0.0000000	0.000000e+00	0.000000000	7.640516e-03	0.000000000
##	SAMPLE 90	0.0000000	0.000000e+00	12.275324595	0.000000e+00	0.000000000
##	SAMPLE 91	0.0000000	0.000000e+00	13.541767066	9.672684e-02	0.000000000
##	SAMPLE 92	0.0000000	0.000000e+00	13.574059558	0.000000e+00	0.000000000
##	SAMPLE 93	0.6956893	4.496087e-01	0.000000000	1.332203e+01	0.000000000
##	SAMPLE 94	0.0000000	0.000000e+00	12.621412891	0.000000e+00	12.465422066
##	SAMPLE 95	0.0000000	0.000000e+00	0.000000000	1.360335e+01	0.000000000
##	SAMPLE 96	0.0000000	0.000000e+00	0.000000000	4.198069e-01	0.000000000
##	SAMPLE 97	0.0000000	0.000000e+00	12.242444350	0.000000e+00	0.000000000
##	SAMPLE 98	0.0000000	0.000000e+00	0.000000000	4.409079e-01	0.000000000
##	SAMPLE 99	0.0000000	0.000000e+00	0.000000000	4.392141e-01	0.000000000
##	SAMPLE 100	0.0000000	3.891164e-01	0.306707046	0.000000e+00	0.000000000
##	SAMPLE 101	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 102	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 103	0.0000000	0.000000e+00	0.000000000	1.234392e+01	0.000000000
##	SAMPLE 104	0.0000000	0.000000e+00	0.016840434	5.076380e-03	14.806522234
##	SAMPLE 105	0.0000000	0.000000e+00	0.003680101	1.354806e+01	0.004969901
##	SAMPLE 106	0.0000000	0.000000e+00	0.284692186	0.000000e+00	0.000000000
##	SAMPLE 107	0.0000000	5.548656e-02	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 108	0.0000000	7.548005e-02	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 109	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 110	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 111	0.0000000	0.000000e+00	0.000000000	0.000000e+00	13.163724136
##	SAMPLE 112	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 113	0.0000000	3.423861e-01	0.349221972	0.000000e+00	0.000000000
##	SAMPLE 114	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.814722349
##	SAMPLE 115	0.0000000	0.000000e+00	0.000000000	1.301104e+01	0.000000000
##	SAMPLE 116	0.0000000	0.000000e+00	0.000000000	1.403946e+01	0.000000000
##	SAMPLE 117	0.0000000	0.000000e+00	0.215487501	0.000000e+00	0.000000000
##	SAMPLE 118	0.0000000	0.000000e+00	13.316421085	0.000000e+00	0.000000000
##	SAMPLE 119	0.0000000	0.000000e+00	12.769485844	0.000000e+00	0.000000000
##	SAMPLE 120	0.0000000	0.000000e+00	12.652273017	0.000000e+00	0.000000000
##	SAMPLE 121	0.0000000	0.000000e+00	0.000000000	0.000000e+00	0.000000000
##		OTU 476	OTU 478	OTU 480	OTU 482	OTU 484
##	SAMPLE 1	0.000000000	0.000000000	0.000000000	0.0145569149	0.0000000000
##	SAMPLE 2	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 3	0.026601319	0.000000000	0.000000000	0.0012260925	0.0016129675
##	SAMPLE 4	0.000000000	0.000000000	0.000000000	0.0043408742	0.0000000000
##	SAMPLE 5	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 6	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 7	0.000000000	0.000000000	0.000000000	0.0189499499	0.0010432051
##	SAMPLE 8	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 9	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 10	0.000000000	0.006501785	0.004193373	0.0000000000	0.0000000000

##	SAMPLE 11	0.000000000	0.000000000	0.000000000	0.0393045963	0.0003666205
##	SAMPLE 12	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 13	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 14	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 15	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 16	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 17	0.000000000	0.000000000	0.005347371	0.0000000000	0.0000000000
##	SAMPLE 18	0.183497149	0.000000000	0.000000000	0.2158564558	0.5837495067
##	SAMPLE 19	0.000000000	0.000000000	0.000000000	0.0715156470	0.0259265703
##	SAMPLE 20	0.000000000	0.000000000	0.000000000	0.0144957371	0.0000000000
##	SAMPLE 21	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 22	12.813041256	0.941308140	12.377586399	0.1089885897	0.0265734206
##	SAMPLE 23	0.000000000	0.000000000	0.000000000	0.0002198332	0.0000000000
##	SAMPLE 24	0.000000000	0.000000000	0.000000000	0.0318765783	0.0277283778
##	SAMPLE 25	0.000000000	0.000000000	0.000000000	0.0045869760	0.0026564577
##	SAMPLE 26	0.000000000	0.017999045	0.049921873	0.0000000000	0.0000000000
##	SAMPLE 27	0.000000000	0.000000000	0.000000000	0.0025518290	0.0000000000
##	SAMPLE 28	0.000000000	0.000000000	0.000000000	0.0101757988	0.0000000000
##	SAMPLE 29	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 30	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 31	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 32	0.000000000	0.000000000	0.059628672	0.0000000000	0.0000000000
##	SAMPLE 33	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 34	0.351505622	0.000000000	0.025477872	0.0000000000	0.0000000000
##	SAMPLE 35	0.054713614	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 36	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 37	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 38	0.000000000	0.000000000	0.000000000	0.0066050072	0.0084523777
##	SAMPLE 39	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 40	0.000000000	0.000000000	0.000000000	0.1507754138	0.0398195430
##	SAMPLE 41	0.000000000	0.000000000	0.000000000	0.0089501706	0.0037816281
##	SAMPLE 42	0.000000000	0.000000000	0.000000000	0.3609846430	0.0721934610
##	SAMPLE 43	0.000000000	0.000000000	0.000000000	0.0023823329	0.0037502476
##	SAMPLE 44	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 45	0.000000000	0.000000000	0.000000000	0.0095160543	0.0000000000
##	SAMPLE 46	0.007424885	0.034474695	0.042153840	0.0000000000	0.0000000000
##	SAMPLE 47	0.000000000	0.000000000	0.000000000	0.0208153758	0.0127809663
##	SAMPLE 48	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 49	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 50	0.000000000	0.000000000	0.000000000	0.0064396084	0.0036346957
##	SAMPLE 51	0.000000000	0.000000000	0.000000000	0.0209618130	0.0057429784
##	SAMPLE 52	0.000000000	0.000000000	0.008506774	0.0000000000	0.0000000000
##	SAMPLE 53	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 54	0.000000000	0.000000000	0.000000000	0.0992262676	0.0137782199
##	SAMPLE 55	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 56	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 57	11.126511557	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 58	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 59	0.000000000	0.000000000	0.000000000	0.0045260593	0.0000000000
##	SAMPLE 60	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 61	0.000000000	0.000000000	0.000000000	0.0061413836	0.0011181700
##	SAMPLE 62	0.000000000	0.000000000	0.000000000	0.0000000000	0.0041546938
##	SAMPLE 63	0.000000000	0.000000000	0.000000000	0.1148796876	0.0033584773
##	SAMPLE 64	0.000000000	0.000000000	0.000000000	0.0516742132	0.0645032517
##	SAMPLE 65	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 66	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000

##	SAMPLE 67	0.000000000	0.000000000	0.000000000	0.0000000000	0.0051417326
##	SAMPLE 68	0.000000000	0.000000000	0.005793798	0.1309501901	0.0216247458
##	SAMPLE 69	0.000000000	0.291421848	0.083049343	0.0000000000	0.0000000000
##	SAMPLE 70	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 71	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 72	0.000000000	0.000000000	0.000000000	0.0225220367	0.0077653782
##	SAMPLE 73	0.013591599	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 74	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 75	0.235811388	0.074018782	0.200619150	0.0382813706	0.0106143942
##	SAMPLE 76	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 77	0.314311721	0.000000000	0.000000000	0.2784573907	0.0496010078
##	SAMPLE 78	0.000000000	0.000000000	0.003900929	0.0000000000	0.0564278932
##	SAMPLE 79	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 80	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 81	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 82	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 83	0.000000000	0.000000000	0.000000000	0.0384742864	0.0052597387
##	SAMPLE 84	0.000000000	0.000000000	0.000000000	0.0067510981	0.0000000000
##	SAMPLE 85	0.097079990	0.000000000	0.041343451	0.0000000000	0.0000000000
##	SAMPLE 86	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 87	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 88	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 89	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 90	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 91	0.000000000	0.000000000	0.000000000	0.0029600997	0.0000000000
##	SAMPLE 92	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 93	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 94	0.451890526	0.380528365	0.073330578	0.0000000000	0.0000000000
##	SAMPLE 95	0.000000000	0.000000000	0.000000000	0.0008020463	0.0000000000
##	SAMPLE 96	0.000000000	0.301564906	0.337802618	0.0112674660	0.0000000000
##	SAMPLE 97	0.036326831	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 98	0.000000000	0.000000000	0.000000000	0.0000000000	0.0003398485
##	SAMPLE 99	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 100	11.395877309	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 101	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 102	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 103	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 104	0.000000000	0.000000000	0.004803584	0.0050903672	0.0000000000
##	SAMPLE 105	0.000000000	0.000000000	0.000000000	0.0068802812	0.0000000000
##	SAMPLE 106	11.820880902	12.851448958	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 107	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 108	0.000000000	0.000000000	0.049284908	0.0000000000	0.0000000000
##	SAMPLE 109	0.163006178	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 110	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 111	9.154889542	0.627844804	12.230928579	0.0201478663	0.0000000000
##	SAMPLE 112	0.432383185	0.000000000	0.000000000	0.0323175365	0.0205166703
##	SAMPLE 113	9.216957605	0.000000000	0.036770172	0.0000000000	0.0000000000
##	SAMPLE 114	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 115	0.000000000	0.021570056	0.092499969	0.0000000000	0.0000000000
##	SAMPLE 116	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 117	0.000000000	0.000000000	0.000000000	0.0004997807	0.0000000000
##	SAMPLE 118	0.306015974	0.049542589	0.139724134	0.0000000000	0.0000000000
##	SAMPLE 119	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 120	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE 121	0.000000000	0.000000000	0.000000000	0.0000000000	0.0000000000
##		OTU 486	OTU 488	OTU 494	OTU 496	OTU 505

##	SAMPLE 1	9.587658e-03	6.739112e-03	0.0000000	0.0000000000	2.858372e-01
##	SAMPLE 2	1.004903e-01	0.000000e+00	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 3	4.028337e-02	3.884344e-02	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 4	8.958782e-02	2.322516e-02	0.0000000	0.0176413939	0.000000e+00
##	SAMPLE 5	1.761896e-03	4.929434e-03	0.0000000	0.0000000000	8.024419e-04
##	SAMPLE 6	0.000000e+00	0.000000e+00	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 7	8.635326e-02	1.529560e-02	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 8	1.269005e-02	7.693321e-03	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 9	0.000000e+00	5.189870e-03	0.0000000	0.0000000000	1.680059e-01
##	SAMPLE 10	4.959647e-02	2.115682e-02	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 11	4.260860e-02	1.400126e-02	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 12	0.000000e+00	0.000000e+00	0.0000000	0.0000000000	9.151439e-03
##	SAMPLE 13	0.000000e+00	0.000000e+00	0.0000000	0.0000000000	7.333170e-02
##	SAMPLE 14	0.000000e+00	4.387261e-03	0.0000000	0.0000000000	2.352482e-02
##	SAMPLE 15	0.000000e+00	0.000000e+00	15.3840225	0.0000000000	0.000000e+00
##	SAMPLE 16	0.000000e+00	0.000000e+00	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 17	1.087617e-03	5.666146e-04	0.0000000	0.0000000000	7.881214e-02
##	SAMPLE 18	7.029000e-01	1.038611e+01	0.0000000	0.0860486880	0.000000e+00
##	SAMPLE 19	1.235717e+01	1.202753e+01	0.0000000	0.0865241183	0.000000e+00
##	SAMPLE 20	5.757637e-02	1.603888e-02	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 21	2.330682e-03	5.673044e-03	0.0000000	0.0000000000	4.834304e-02
##	SAMPLE 22	2.682078e-02	1.592550e-02	0.0000000	0.0008570623	0.000000e+00
##	SAMPLE 23	0.000000e+00	3.970153e-03	0.0000000	0.0000000000	9.178022e-03
##	SAMPLE 24	1.342957e-01	2.665441e-02	0.0000000	0.0207303424	5.929005e-03
##	SAMPLE 25	6.774750e-03	1.710988e-02	0.0000000	0.0000000000	2.136060e-01
##	SAMPLE 26	0.000000e+00	1.235789e-02	0.0000000	0.1551625772	2.246706e-02
##	SAMPLE 27	2.301118e-03	1.478902e-03	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 28	1.358748e-03	7.105416e-03	0.1349043	0.0115954687	0.000000e+00
##	SAMPLE 29	0.000000e+00	1.660876e-03	0.0000000	0.0000000000	2.037963e-03
##	SAMPLE 30	2.155949e-04	3.721989e-03	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 31	0.000000e+00	0.000000e+00	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 32	0.000000e+00	8.363193e-03	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 33	7.867057e-03	1.063062e-01	0.0000000	0.0000000000	6.111146e-02
##	SAMPLE 34	0.000000e+00	0.000000e+00	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 35	0.000000e+00	5.366085e-05	0.0000000	0.0000000000	9.539508e-05
##	SAMPLE 36	0.000000e+00	0.000000e+00	0.0000000	0.0000000000	1.129938e-01
##	SAMPLE 37	2.951160e-03	0.000000e+00	0.0000000	0.0000000000	1.043807e-02
##	SAMPLE 38	6.345940e-02	3.098619e-01	0.0000000	0.0000000000	1.967262e-02
##	SAMPLE 39	0.000000e+00	0.000000e+00	0.0000000	0.1177419817	9.198662e-03
##	SAMPLE 40	4.367485e-02	3.941199e-01	0.0000000	0.0216766154	0.000000e+00
##	SAMPLE 41	3.828848e-02	1.025403e-02	0.0000000	0.0000000000	6.847692e-03
##	SAMPLE 42	1.578319e-01	9.291461e-02	0.0000000	0.7565754492	9.274734e-04
##	SAMPLE 43	1.999577e-02	1.451298e-02	0.0000000	0.0000000000	3.640210e-02
##	SAMPLE 44	0.000000e+00	4.397053e-03	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 45	3.214367e-02	4.443750e-02	0.0000000	0.0000000000	6.643768e-03
##	SAMPLE 46	2.483311e-02	9.722308e-04	0.0000000	0.1668162982	1.493916e-02
##	SAMPLE 47	6.325038e-02	1.576227e-02	0.0000000	0.0204226934	0.000000e+00
##	SAMPLE 48	3.116056e-02	6.292605e-03	0.0000000	0.0000000000	3.958294e-02
##	SAMPLE 49	8.564651e-03	3.113834e-03	0.0000000	0.0000000000	9.221981e-02
##	SAMPLE 50	1.736467e-01	2.802815e-01	0.0000000	0.0000000000	2.141743e-01
##	SAMPLE 51	4.222895e-02	0.000000e+00	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 52	0.000000e+00	9.516016e-03	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 53	0.000000e+00	2.344463e-03	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 54	1.052871e-02	1.905191e-01	0.0000000	0.0000000000	1.157162e-01
##	SAMPLE 55	0.000000e+00	0.000000e+00	0.0000000	0.0000000000	0.000000e+00
##	SAMPLE 56	0.000000e+00	0.000000e+00	0.0000000	0.0000000000	0.000000e+00

##	SAMPLE	57	0.000000e+00	1.722211e-02	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	58	7.558376e-03	1.110059e-02	0.0000000	0.00000000000	2.254464e-02
##	SAMPLE	59	0.000000e+00	4.642482e-02	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	60	9.696347e-04	1.578638e-03	0.0000000	0.00000000000	4.961003e-02
##	SAMPLE	61	1.566864e-01	5.437882e-02	0.0000000	0.00000000000	5.276163e-03
##	SAMPLE	62	2.061579e-01	2.387783e-01	0.0000000	0.00000000000	5.262912e-02
##	SAMPLE	63	1.773702e-01	1.393076e-01	0.0000000	0.00000000000	1.047827e-01
##	SAMPLE	64	1.397586e+01	1.184094e+01	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	65	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	66	0.000000e+00	4.976822e-04	0.0000000	0.00000000000	1.934793e-01
##	SAMPLE	67	3.073622e-02	3.005652e-02	0.0000000	0.00000000000	9.216333e-03
##	SAMPLE	68	4.209875e-01	5.930486e-02	0.0000000	0.00000000000	9.313778e-02
##	SAMPLE	69	0.000000e+00	3.718931e-04	0.0000000	0.3710386224	0.000000e+00
##	SAMPLE	70	0.000000e+00	5.400268e-03	0.0000000	0.1487178115	1.083125e-02
##	SAMPLE	71	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	72	4.729879e-02	2.185845e-02	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	73	9.023559e-04	6.740433e-03	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	74	8.585291e-02	5.323192e-03	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	75	1.710255e-03	2.670895e-02	0.0000000	1.0135243695	0.000000e+00
##	SAMPLE	76	1.491693e-02	2.602750e-03	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	77	3.555680e-02	1.202884e+01	0.0000000	0.0100457263	0.000000e+00
##	SAMPLE	78	4.572903e-02	1.030872e-01	0.5559909	0.0800267679	1.459508e-02
##	SAMPLE	79	7.633634e-03	3.300360e-03	0.0000000	0.0050496857	1.465102e-03
##	SAMPLE	80	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	81	4.518896e-03	4.125101e-03	0.0000000	0.00000000000	8.161846e-04
##	SAMPLE	82	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	83	3.237129e-02	6.758486e-02	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	84	6.326510e-02	4.321810e-02	0.0000000	0.00000000000	1.492688e-02
##	SAMPLE	85	0.000000e+00	5.874869e-03	11.8016416	0.0711378105	0.000000e+00
##	SAMPLE	86	3.025054e-03	1.140076e-02	0.0000000	0.00000000000	2.426651e-02
##	SAMPLE	87	0.000000e+00	0.000000e+00	0.0000000	0.0243043974	1.303172e-02
##	SAMPLE	88	2.082090e-03	3.538221e-03	0.0000000	0.00000000000	6.950328e-02
##	SAMPLE	89	1.335629e+01	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	90	2.158573e-03	4.800164e-03	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	91	7.698599e-03	7.025136e-03	0.0000000	0.00000000000	7.625419e-03
##	SAMPLE	92	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	93	7.224609e-02	1.470339e-03	0.0000000	0.1884970641	0.000000e+00
##	SAMPLE	94	2.891023e-04	3.010823e-03	0.0000000	0.00000000000	1.678024e-02
##	SAMPLE	95	7.673218e-03	7.575896e-03	0.0000000	0.00000000000	5.063080e-01
##	SAMPLE	96	7.757795e-02	4.166782e-02	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	97	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	98	3.440023e-03	5.913260e-03	0.0000000	0.00000000000	3.765472e-01
##	SAMPLE	99	0.000000e+00	1.306020e-03	0.0000000	0.00000000000	1.421254e-01
##	SAMPLE	100	3.785853e-03	1.729837e-03	0.0000000	0.00000000000	8.805735e-04
##	SAMPLE	101	0.000000e+00	2.575688e-03	0.0000000	0.00000000000	1.036103e-01
##	SAMPLE	102	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	2.836690e-02
##	SAMPLE	103	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	2.752446e-02
##	SAMPLE	104	0.000000e+00	5.845403e-03	0.0000000	0.00000000000	7.307906e-04
##	SAMPLE	105	1.209751e-02	1.850414e-02	0.0000000	0.00000000000	2.753243e-02
##	SAMPLE	106	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	107	1.183049e+01	1.110029e+01	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	108	1.671026e-02	1.807039e-02	0.0000000	0.0463375342	0.000000e+00
##	SAMPLE	109	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	2.195991e-02
##	SAMPLE	110	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	111	9.093650e-02	1.246284e-02	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	112	3.819774e-02	6.512499e-02	0.4021207	0.00000000000	0.000000e+00

##	SAMPLE	113	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	114	0.000000e+00	0.000000e+00	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	115	2.190738e-02	1.753751e-02	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	116	0.000000e+00	8.894005e-04	0.0000000	0.00000000000	8.307401e-02
##	SAMPLE	117	0.000000e+00	1.070653e-03	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	118	0.000000e+00	1.619777e-03	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	119	0.000000e+00	3.140603e-02	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	120	2.022031e-02	2.303988e-03	0.0000000	0.00000000000	0.000000e+00
##	SAMPLE	121	0.000000e+00	2.742300e-03	0.0000000	0.00000000000	3.604685e-04
##			OTU 509	OTU 513	OTU 517	OTU 522	OTU 524
##	SAMPLE	1	0.0000000000	0.1081567923	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	2	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	3	0.0000000000	0.0000000000	12.052908635	0.0000000000	0.0000000000
##	SAMPLE	4	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	5	0.0000000000	0.0386448082	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	6	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	7	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	8	0.0000000000	0.0000000000	0.538297203	0.0000000000	0.0000000000
##	SAMPLE	9	0.0000000000	0.0107032076	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	10	0.0000000000	0.0041255787	0.161663050	0.0000000000	0.0000000000
##	SAMPLE	11	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	12	0.0124348892	0.0054014616	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	13	0.0014321495	0.1188693213	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	14	0.0000000000	0.0259505042	0.609484394	0.0000000000	0.0000000000
##	SAMPLE	15	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	16	0.0000000000	0.2534668794	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	17	0.0000000000	0.2076477308	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	18	0.0000000000	0.0000000000	0.471292092	0.0000000000	0.0000000000
##	SAMPLE	19	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	20	0.0000000000	0.0000000000	0.074020668	0.0000000000	0.0000000000
##	SAMPLE	21	0.0000000000	0.2630103748	0.009457130	0.0000000000	0.0000000000
##	SAMPLE	22	0.0210226683	0.0000000000	0.076397581	0.0000000000	0.0000000000
##	SAMPLE	23	0.0180701682	0.0153404534	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	24	0.0000000000	0.0147778941	0.001657492	0.0000000000	0.0000000000
##	SAMPLE	25	0.0000000000	0.0177230536	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	26	0.0000000000	0.0307409175	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	27	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	28	0.0091883140	0.0000000000	0.003001874	0.0000000000	0.0000000000
##	SAMPLE	29	0.0000000000	0.0056758296	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	30	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	31	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	32	0.0000000000	0.0306175773	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	33	0.0721890640	0.0196055285	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	34	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	35	0.0000000000	0.0918483741	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	36	0.0558921840	0.0606889110	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	37	0.0000000000	0.0074064745	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	38	0.0000000000	0.0637195451	0.0000000000	0.01054456	0.004800201
##	SAMPLE	39	0.0000000000	0.0030756319	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	40	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	41	0.0000000000	0.0054180318	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	42	0.0124672179	0.0004947595	0.391890512	0.0000000000	0.0000000000
##	SAMPLE	43	0.0000000000	0.0574107436	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	44	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	45	0.0000000000	0.1971471357	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	46	0.0027752982	0.0095931111	0.0000000000	0.0000000000	0.0000000000

##	SAMPLE	47	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	48	0.0000000000	0.0368568055	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	49	0.0000000000	0.0682827339	12.399092723	0.0000000000	0.0000000000
##	SAMPLE	50	0.0000000000	0.2187465946	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	51	0.0005265751	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	52	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	53	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	54	0.0000000000	0.0720098444	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	55	0.0000000000	0.0000000000	0.016248554	0.0000000000	0.0000000000
##	SAMPLE	56	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	57	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	58	0.0000000000	0.0538782593	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	59	0.0000000000	0.0000000000	0.029861786	0.0000000000	0.0000000000
##	SAMPLE	60	0.0000000000	0.0041903766	0.672124946	0.0000000000	0.0000000000
##	SAMPLE	61	0.0058805229	0.0169822198	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	62	0.0000000000	0.0085802227	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	63	0.0000000000	0.0643579982	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	64	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.028695126
##	SAMPLE	65	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	66	0.0000000000	0.0612499871	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	67	0.0000000000	0.0160855770	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	68	0.0000000000	0.2597839925	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	69	0.0000000000	0.0000000000	0.053984323	0.0000000000	0.0000000000
##	SAMPLE	70	0.0444646804	0.0987425488	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	71	0.0000000000	0.0054788109	0.154981972	0.0000000000	0.0000000000
##	SAMPLE	72	0.0000000000	0.0000000000	0.004076412	0.0000000000	0.0000000000
##	SAMPLE	73	0.0000000000	0.0004212007	0.056667109	0.0000000000	0.0000000000
##	SAMPLE	74	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	75	0.0000000000	0.0000000000	0.012288620	0.0000000000	0.0000000000
##	SAMPLE	76	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	77	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.001425124
##	SAMPLE	78	0.0021601049	0.0326315868	0.302755695	0.0000000000	0.0000000000
##	SAMPLE	79	0.0074414423	0.0413347963	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	80	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	81	0.0000000000	0.0073724486	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	82	0.0000000000	0.0000000000	0.248537848	0.0000000000	0.0000000000
##	SAMPLE	83	0.0000000000	0.0000000000	12.267255816	0.0000000000	0.0000000000
##	SAMPLE	84	0.0000000000	0.0824533461	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	85	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	86	0.0000000000	0.0458529851	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	87	0.0000000000	0.0333572433	0.662046537	0.0000000000	0.0000000000
##	SAMPLE	88	0.0000000000	0.1028332417	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	89	0.0000000000	0.0000000000	0.384503607	0.0000000000	0.0000000000
##	SAMPLE	90	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	91	0.0133756923	0.0176305750	0.446475867	0.0000000000	0.0000000000
##	SAMPLE	92	0.0000000000	0.0000000000	0.318391044	0.0000000000	0.0000000000
##	SAMPLE	93	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	94	0.0000000000	0.0292400073	0.551049592	0.0000000000	0.0000000000
##	SAMPLE	95	0.0000000000	0.3048691729	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	96	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	97	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	98	0.0000000000	0.1523043760	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	99	0.0000000000	0.0021540192	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	100	0.0000000000	0.0026271943	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	101	0.0000000000	0.1659439541	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	102	0.0000000000	0.0102023608	0.158910012	0.0000000000	0.0000000000

##	SAMPLE	103	0.0000000000	0.0691378185	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	104	0.0039007292	0.0000000000	0.043076836	0.0000000000	0.0000000000
##	SAMPLE	105	0.0000000000	0.1455830437	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	106	0.0000000000	0.0000000000	11.061783647	0.0000000000	0.0000000000
##	SAMPLE	107	0.0018552198	0.0179299027	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	108	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	109	0.0000000000	0.0298182536	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	110	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	111	0.0170111255	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	112	0.0061640934	0.0000000000	0.155569326	0.0000000000	0.0000000000
##	SAMPLE	113	0.0000000000	0.0000000000	0.171934026	0.0000000000	0.0000000000
##	SAMPLE	114	0.0000000000	0.0568796296	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	115	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	116	0.0000000000	0.2165938706	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	117	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	118	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	119	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	120	0.0000000000	0.0546646485	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	121	0.0000000000	0.0163657645	0.481088381	0.0000000000	0.0000000000
##			OTU 529	OTU 530	OTU 533	OTU 535	OTU 551
##	SAMPLE	1	1.905872e-01	0.0500699472	0.005001891	0.0000000000	0.000000e+00
##	SAMPLE	2	2.172406e-02	0.0019596458	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	3	1.651565e-01	0.0543863345	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	4	1.456486e-01	0.0360616757	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	5	1.280658e-01	0.0544470780	0.005459655	0.0000000000	0.000000e+00
##	SAMPLE	6	1.835791e-02	0.0447252461	0.0000000000	0.0000000000	8.263243e-01
##	SAMPLE	7	3.037618e-01	0.1099806993	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	8	2.258407e-02	0.3754613883	0.0000000000	0.481886099	0.000000e+00
##	SAMPLE	9	7.756465e-02	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	10	4.223132e-02	0.0092403363	0.0000000000	0.049396212	0.000000e+00
##	SAMPLE	11	6.792014e-02	0.0198627863	0.005214637	0.007905681	0.000000e+00
##	SAMPLE	12	1.187721e+01	0.1191895248	0.411309145	0.0000000000	0.000000e+00
##	SAMPLE	13	8.772783e-02	0.0002452882	0.034042540	0.0000000000	0.000000e+00
##	SAMPLE	14	5.562354e-02	0.0138865287	0.007522214	0.0000000000	0.000000e+00
##	SAMPLE	15	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	16	1.211241e-01	0.0258889572	0.001966911	0.0000000000	0.000000e+00
##	SAMPLE	17	9.635724e-02	0.0066093797	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	18	3.312853e-01	0.0422649427	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	19	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	20	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	21	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	22	1.236462e-01	0.0324471365	0.0000000000	0.255689282	0.000000e+00
##	SAMPLE	23	2.413771e-01	0.1547738404	0.0000000000	0.181876132	0.000000e+00
##	SAMPLE	24	5.789244e-03	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	25	2.801807e-02	0.0784012851	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	26	1.381358e-01	0.0006403635	0.019533713	0.113995587	0.000000e+00
##	SAMPLE	27	5.517784e-02	0.0107902265	0.0000000000	0.070466375	0.000000e+00
##	SAMPLE	28	1.807044e-02	0.4392596803	0.0000000000	0.336936241	0.000000e+00
##	SAMPLE	29	2.908426e-02	0.0043476608	0.0000000000	0.0000000000	6.997920e-01
##	SAMPLE	30	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	3.043557e-04
##	SAMPLE	31	1.180005e+01	0.0064810071	0.0000000000	14.630872422	0.000000e+00
##	SAMPLE	32	9.901423e-02	0.0142084268	0.033277261	0.002240077	0.000000e+00
##	SAMPLE	33	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	34	1.990535e-01	0.0423070734	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	35	7.898816e-03	0.0095538040	0.0000000000	0.006158126	0.000000e+00
##	SAMPLE	36	3.941463e-02	0.0048400291	0.0000000000	0.0000000000	0.000000e+00

##	SAMPLE	37	9.121672e-03	0.0000000000	0.0000000000	0.095190321	0.000000e+00
##	SAMPLE	38	0.000000e+00	0.0000000000	0.018999320	0.072659326	0.000000e+00
##	SAMPLE	39	8.432465e-02	0.0378314472	0.0000000000	0.084710655	0.000000e+00
##	SAMPLE	40	2.063311e-02	0.0000000000	0.0000000000	0.718378982	0.000000e+00
##	SAMPLE	41	2.174956e-02	0.0040247011	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	42	4.783096e-02	0.0172455380	0.013810379	0.092542487	0.000000e+00
##	SAMPLE	43	1.155439e-01	0.0114497135	0.0000000000	0.0000000000	5.781699e-01
##	SAMPLE	44	2.360229e-02	0.0000000000	0.324913363	0.0000000000	8.726453e-03
##	SAMPLE	45	5.310990e-01	0.1816231666	0.0000000000	0.0000000000	1.883374e-03
##	SAMPLE	46	3.030430e-02	0.0116626766	0.010071083	0.230122156	0.000000e+00
##	SAMPLE	47	6.027990e-02	0.0244116325	0.0000000000	0.010998403	0.000000e+00
##	SAMPLE	48	3.948443e-01	0.1293035395	0.002879000	0.0000000000	0.000000e+00
##	SAMPLE	49	2.712337e-01	0.1025674972	0.002694332	0.0000000000	0.000000e+00
##	SAMPLE	50	6.699421e-02	0.1866608312	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	51	7.818536e-03	0.0026415274	0.0000000000	0.035355843	0.000000e+00
##	SAMPLE	52	1.022952e-01	0.0402534277	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	53	5.322966e-02	0.0197764902	0.0000000000	0.122069840	0.000000e+00
##	SAMPLE	54	5.982421e-02	0.0195547865	0.0000000000	0.046714977	0.000000e+00
##	SAMPLE	55	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	56	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	57	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	58	1.052811e-01	0.0145521340	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	59	6.735568e-02	0.0022097115	0.0000000000	0.069676283	0.000000e+00
##	SAMPLE	60	1.150983e-01	0.0146379358	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	61	1.056082e-03	0.0000000000	0.0000000000	0.029639541	0.000000e+00
##	SAMPLE	62	1.533696e-02	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	63	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	64	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	65	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	9.631518e-02
##	SAMPLE	66	2.002486e-01	0.0711110962	0.004175363	0.0000000000	0.000000e+00
##	SAMPLE	67	6.289276e-02	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	68	3.052545e-01	0.0565821064	0.005633682	0.0000000000	0.000000e+00
##	SAMPLE	69	9.188050e-02	0.0167987051	0.0000000000	0.186780201	0.000000e+00
##	SAMPLE	70	6.911972e-02	0.0049738829	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	71	9.284537e-02	0.0092173801	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	72	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	73	1.740684e-01	0.0282011286	0.005566563	0.019784154	0.000000e+00
##	SAMPLE	74	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	75	1.205480e-01	0.0507344916	0.003653482	0.080188980	0.000000e+00
##	SAMPLE	76	1.634518e-02	0.0012501656	0.0000000000	0.017190907	0.000000e+00
##	SAMPLE	77	6.521882e-02	0.0168984857	0.0000000000	0.0000000000	1.216551e-03
##	SAMPLE	78	2.851528e-02	0.0057499431	0.0000000000	0.183709043	0.000000e+00
##	SAMPLE	79	1.117079e-01	0.0205083686	0.016842870	0.0000000000	5.782756e-02
##	SAMPLE	80	2.114755e-01	0.0000000000	0.0000000000	0.336360569	0.000000e+00
##	SAMPLE	81	2.441201e-02	0.0107228895	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	82	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	83	8.581544e-02	0.0172712208	0.004528695	0.0000000000	0.000000e+00
##	SAMPLE	84	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	85	2.516727e-01	0.1239358113	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	86	3.883392e-04	0.0000000000	0.025357733	0.057537945	0.000000e+00
##	SAMPLE	87	2.563983e-01	0.0914325569	0.002736745	0.0000000000	0.000000e+00
##	SAMPLE	88	1.150309e-02	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	89	1.174503e-01	0.0428760940	0.0000000000	0.0000000000	1.297825e+01
##	SAMPLE	90	2.698614e-02	0.0106403380	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	91	2.298093e-01	0.1523356475	0.0000000000	0.276817396	1.088408e-02
##	SAMPLE	92	3.519032e-02	0.0100892803	0.0000000000	0.0000000000	0.000000e+00

##	SAMPLE	93	8.646064e-02	0.0168159402	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	94	1.905158e-03	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	95	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	96	1.235551e-01	0.0281838329	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	97	0.000000e+00	0.0000000000	0.0000000000	0.023691016	0.000000e+00
##	SAMPLE	98	7.665808e-02	0.0084617548	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	99	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	100	7.211955e-02	0.0047970563	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	101	6.053401e-02	0.0182687649	0.0000000000	0.0000000000	1.562688e-01
##	SAMPLE	102	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	103	2.560906e-02	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	104	3.352421e-01	0.0462497847	0.0000000000	0.692353842	0.000000e+00
##	SAMPLE	105	4.417571e-01	0.0623973382	0.003708466	0.0000000000	0.000000e+00
##	SAMPLE	106	5.354519e-02	0.0000000000	0.0000000000	0.147211983	0.000000e+00
##	SAMPLE	107	2.165086e-02	0.0047126772	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	108	8.577637e-02	0.1085717249	0.013297835	0.386674674	0.000000e+00
##	SAMPLE	109	1.026922e+01	0.3597206998	0.0000000000	13.446453677	0.000000e+00
##	SAMPLE	110	1.140391e+01	0.2461455187	0.0000000000	0.681725907	0.000000e+00
##	SAMPLE	111	9.140029e-03	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	112	9.514308e-02	0.0378944419	0.006946607	9.535426449	7.910864e-03
##	SAMPLE	113	4.358823e-02	0.0106027981	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	114	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	115	1.108449e-01	0.0375395584	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	116	1.715035e-01	0.0871176099	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	117	4.643087e-03	0.0005116771	0.0000000000	0.039831277	0.000000e+00
##	SAMPLE	118	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	119	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	120	1.901637e-01	0.0323585766	0.0000000000	0.193223743	0.000000e+00
##	SAMPLE	121	1.259906e-02	0.0070893391	0.172660779	0.0000000000	0.000000e+00
##			OTU 553	OTU 555	OTU 557	OTU 560	OTU 562
##	SAMPLE	1	0.0000000000	0.0000000000	0.0000000000	0.081903920	1.701738e-02
##	SAMPLE	2	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	3	0.0000000000	0.0000000000	0.0000000000	0.042860131	2.283196e-03
##	SAMPLE	4	0.0000000000	0.0000000000	0.0000000000	0.387296842	0.000000e+00
##	SAMPLE	5	0.0000000000	0.0000000000	0.0000000000	12.117138477	0.000000e+00
##	SAMPLE	6	0.0000000000	0.0000000000	0.0000000000	13.809489714	0.000000e+00
##	SAMPLE	7	0.0000000000	0.0000000000	0.0000000000	0.104212934	1.554902e-02
##	SAMPLE	8	0.0000000000	0.0000000000	0.0000000000	0.0000000000	1.978625e-03
##	SAMPLE	9	0.0000000000	0.0000000000	0.0000000000	0.132802664	6.105010e-03
##	SAMPLE	10	0.0000000000	0.001953743	0.0000000000	14.753458692	0.000000e+00
##	SAMPLE	11	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	12	0.0000000000	0.0000000000	0.0000000000	13.189159078	4.194676e-01
##	SAMPLE	13	0.0000000000	0.0000000000	0.0000000000	0.642571573	5.650697e-02
##	SAMPLE	14	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	15	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	16	0.0000000000	0.0000000000	0.0000000000	0.210763990	0.000000e+00
##	SAMPLE	17	0.0000000000	0.0000000000	0.0000000000	0.057262067	1.864209e-02
##	SAMPLE	18	0.0000000000	0.0000000000	0.0000000000	0.641191845	1.171895e-03
##	SAMPLE	19	0.0000000000	0.0000000000	0.0000000000	12.047240720	0.000000e+00
##	SAMPLE	20	0.0000000000	0.0000000000	0.0000000000	0.018098349	2.203057e-02
##	SAMPLE	21	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	22	0.0000000000	0.0000000000	0.206650665	13.064620184	3.689493e-02
##	SAMPLE	23	0.0000000000	0.0000000000	0.0000000000	0.006178106	5.496283e-05
##	SAMPLE	24	0.0000000000	0.0000000000	0.003186129	0.811329278	0.000000e+00
##	SAMPLE	25	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	26	0.0000000000	0.0000000000	0.0000000000	0.031252344	3.488774e-03

##	SAMPLE	27	0.0000000000	0.0000000000	0.0000000000	0.003414908	4.242486e-03
##	SAMPLE	28	0.0000000000	0.0000000000	0.0000000000	12.094492075	0.000000e+00
##	SAMPLE	29	0.0000000000	0.0000000000	0.0000000000	9.837631186	9.256842e-03
##	SAMPLE	30	0.0011218529	0.0000000000	0.0000000000	0.039516727	1.514292e-02
##	SAMPLE	31	0.0000000000	0.0000000000	0.0000000000	0.286574307	2.780760e-02
##	SAMPLE	32	0.0000000000	0.0000000000	0.0000000000	12.137308704	2.164967e-01
##	SAMPLE	33	0.0000000000	0.0000000000	0.0000000000	0.249633072	0.000000e+00
##	SAMPLE	34	0.0000000000	0.0000000000	0.0000000000	0.009715029	0.000000e+00
##	SAMPLE	35	0.0000000000	0.0000000000	0.0000000000	0.031574366	5.903281e-03
##	SAMPLE	36	0.0000000000	0.0000000000	0.0000000000	10.329328731	0.000000e+00
##	SAMPLE	37	0.0000000000	0.0000000000	0.0000000000	0.622769186	6.220758e-03
##	SAMPLE	38	0.0005740758	0.0000000000	0.0000000000	0.701401740	0.000000e+00
##	SAMPLE	39	0.0000000000	0.0000000000	0.0000000000	0.541335549	0.000000e+00
##	SAMPLE	40	0.0000000000	0.0000000000	0.0000000000	15.392618678	9.408748e+00
##	SAMPLE	41	0.0000000000	0.0000000000	0.0000000000	0.000000000	7.498021e-03
##	SAMPLE	42	0.0000000000	0.0000000000	0.0000000000	0.160648961	0.000000e+00
##	SAMPLE	43	0.2050438056	0.0000000000	0.035622794	14.385924479	3.381445e-02
##	SAMPLE	44	0.0013296806	0.0000000000	0.003485127	12.385213388	0.000000e+00
##	SAMPLE	45	0.0006106018	0.0000000000	0.040505991	12.425434385	2.246693e-01
##	SAMPLE	46	0.0000000000	0.0000000000	0.0000000000	12.527515186	0.000000e+00
##	SAMPLE	47	0.0000000000	0.0000000000	0.0000000000	0.012303598	2.593484e-04
##	SAMPLE	48	0.0000000000	0.0000000000	0.0000000000	13.753343489	1.153573e+01
##	SAMPLE	49	0.0000000000	0.0000000000	0.0000000000	0.274532738	2.838279e-02
##	SAMPLE	50	0.0000000000	0.0000000000	0.0000000000	0.360272732	0.000000e+00
##	SAMPLE	51	0.0000000000	0.249000175	0.0000000000	0.052494307	9.509912e-03
##	SAMPLE	52	0.0000000000	0.0000000000	0.0000000000	0.746037917	1.239399e-01
##	SAMPLE	53	0.0000000000	0.0000000000	0.0000000000	0.083552846	5.259509e-03
##	SAMPLE	54	0.0000000000	0.0000000000	0.0000000000	12.236660837	0.000000e+00
##	SAMPLE	55	0.0000000000	0.0000000000	0.0000000000	0.064474458	0.000000e+00
##	SAMPLE	56	0.0000000000	0.0000000000	0.0000000000	13.212530316	0.000000e+00
##	SAMPLE	57	0.0000000000	0.0000000000	0.0000000000	0.182948841	0.000000e+00
##	SAMPLE	58	0.0000000000	0.0000000000	0.0000000000	0.363288626	0.000000e+00
##	SAMPLE	59	0.0000000000	0.0000000000	0.0000000000	12.499444854	0.000000e+00
##	SAMPLE	60	0.0000000000	0.0000000000	0.0000000000	0.007978383	6.864133e-03
##	SAMPLE	61	0.0000000000	0.0000000000	0.0000000000	0.062702997	1.283181e-02
##	SAMPLE	62	0.0000000000	0.0000000000	0.0000000000	0.009239968	5.810547e-03
##	SAMPLE	63	0.0000000000	0.0000000000	0.0000000000	0.000000000	1.419532e-03
##	SAMPLE	64	0.0000000000	0.0000000000	0.039019623	0.000000000	2.440435e-03
##	SAMPLE	65	0.0053827486	0.185120136	0.0000000000	0.000000000	1.702495e-02
##	SAMPLE	66	0.0000000000	0.0000000000	0.0000000000	0.245416744	0.000000e+00
##	SAMPLE	67	0.0000000000	0.0000000000	0.0000000000	0.054792126	2.349507e-03
##	SAMPLE	68	0.0000000000	0.0000000000	0.0000000000	12.740238243	0.000000e+00
##	SAMPLE	69	0.0000000000	0.0000000000	0.0000000000	0.301126547	0.000000e+00
##	SAMPLE	70	0.0000000000	0.0000000000	0.0000000000	0.017520921	2.747226e-02
##	SAMPLE	71	0.0000000000	0.0000000000	0.0000000000	0.555172276	0.000000e+00
##	SAMPLE	72	0.0000000000	0.0000000000	0.0000000000	0.253032500	0.000000e+00
##	SAMPLE	73	0.0000000000	0.0000000000	0.0000000000	13.231597097	0.000000e+00
##	SAMPLE	74	0.0000000000	0.0000000000	0.0000000000	0.000000000	0.000000e+00
##	SAMPLE	75	0.0000000000	0.131057341	0.0000000000	0.539629333	0.000000e+00
##	SAMPLE	76	0.0000000000	0.0000000000	0.0000000000	0.020804935	1.536442e-03
##	SAMPLE	77	0.0020863114	0.0000000000	0.0000000000	11.716741490	0.000000e+00
##	SAMPLE	78	0.0000000000	0.0000000000	0.0000000000	14.769233329	0.000000e+00
##	SAMPLE	79	0.0044233104	0.0000000000	0.0000000000	12.447393457	0.000000e+00
##	SAMPLE	80	0.0000000000	0.0000000000	0.0000000000	13.469656293	1.048885e-01
##	SAMPLE	81	0.0000000000	0.0000000000	0.0000000000	14.375999393	0.000000e+00
##	SAMPLE	82	0.0000000000	0.0000000000	0.0000000000	0.000000000	0.000000e+00

##	SAMPLE	83	0.0000000000	0.0000000000	0.0000000000	0.742451260	0.000000e+00
##	SAMPLE	84	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	85	0.0000000000	0.0000000000	0.0000000000	0.573843412	0.000000e+00
##	SAMPLE	86	0.0000000000	0.0000000000	0.0000000000	0.044917611	0.000000e+00
##	SAMPLE	87	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	88	0.0000000000	0.019356063	0.0000000000	0.139798179	2.034712e-02
##	SAMPLE	89	0.0000000000	0.0000000000	0.140877781	12.955354366	0.000000e+00
##	SAMPLE	90	0.0000000000	0.0000000000	0.0000000000	0.058289793	1.787149e-02
##	SAMPLE	91	0.0033350092	0.0000000000	0.0000000000	0.283915301	0.000000e+00
##	SAMPLE	92	0.0000000000	0.0000000000	0.0000000000	0.056824288	0.000000e+00
##	SAMPLE	93	0.0000000000	0.0000000000	0.0000000000	11.957877215	0.000000e+00
##	SAMPLE	94	0.0000000000	0.0000000000	0.0000000000	0.331006299	0.000000e+00
##	SAMPLE	95	0.0000000000	0.0000000000	0.0000000000	0.567814707	0.000000e+00
##	SAMPLE	96	0.0049790822	0.0000000000	13.365368110	0.412768124	3.043567e-01
##	SAMPLE	97	0.0000000000	0.0000000000	0.0000000000	13.494284167	0.000000e+00
##	SAMPLE	98	0.0000000000	0.0000000000	0.0000000000	0.018223048	3.749987e-04
##	SAMPLE	99	0.0000000000	0.0000000000	0.0000000000	0.002258339	0.000000e+00
##	SAMPLE	100	0.0000000000	0.0000000000	0.050729137	13.173216538	0.000000e+00
##	SAMPLE	101	0.1085782013	0.0000000000	0.001156049	0.738447869	0.000000e+00
##	SAMPLE	102	0.0000000000	0.0000000000	0.0000000000	0.030998596	0.000000e+00
##	SAMPLE	103	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	104	0.0000000000	0.0000000000	0.0000000000	12.218889673	1.247478e-01
##	SAMPLE	105	0.0000000000	0.0000000000	0.014653864	0.645628969	0.000000e+00
##	SAMPLE	106	0.0000000000	0.0000000000	0.0000000000	0.338726001	6.990523e-02
##	SAMPLE	107	0.0000000000	0.0000000000	0.0000000000	12.466095242	0.000000e+00
##	SAMPLE	108	0.0000000000	0.0000000000	0.0000000000	0.282928038	0.000000e+00
##	SAMPLE	109	0.0000000000	0.0000000000	0.0000000000	12.087363528	1.434318e+01
##	SAMPLE	110	0.0000000000	0.0000000000	0.0000000000	0.415078195	9.791427e-02
##	SAMPLE	111	0.0000000000	0.0000000000	0.0000000000	0.158838551	0.000000e+00
##	SAMPLE	112	0.0005643304	0.0000000000	0.0000000000	0.569504346	0.000000e+00
##	SAMPLE	113	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	114	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	115	0.0000000000	0.0000000000	0.0000000000	12.335723493	0.000000e+00
##	SAMPLE	116	0.0000000000	0.0000000000	0.0000000000	0.675733954	0.000000e+00
##	SAMPLE	117	0.0000000000	0.0000000000	0.0000000000	12.138712181	0.000000e+00
##	SAMPLE	118	0.0000000000	0.0000000000	0.203928547	0.0000000000	1.399482e-02
##	SAMPLE	119	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	120	0.0000000000	0.005627435	0.0000000000	13.212557749	0.000000e+00
##	SAMPLE	121	0.0000000000	0.0000000000	0.0000000000	0.014436804	5.076624e-03
##			OTU 564	OTU 566	OTU 570	OTU 572	OTU 574
##	SAMPLE	1	0.0000000000	0.000000e+00	0.0000000000	0.007885534	0.0000000000
##	SAMPLE	2	0.0000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	3	0.0000000000	0.000000e+00	0.0000000000	0.120965711	0.0000000000
##	SAMPLE	4	0.0000000000	0.000000e+00	0.0082106317	0.127882869	0.005748597
##	SAMPLE	5	0.0000000000	0.000000e+00	0.0000000000	0.004647845	0.0000000000
##	SAMPLE	6	0.0000000000	0.000000e+00	0.0000000000	0.111829704	0.0000000000
##	SAMPLE	7	0.0000000000	0.000000e+00	0.0000000000	0.122569063	0.0000000000
##	SAMPLE	8	0.0000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	9	0.0000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	10	0.0000000000	0.000000e+00	0.0003155776	0.366830514	0.0000000000
##	SAMPLE	11	0.0000000000	0.000000e+00	0.0000000000	0.113361705	0.0000000000
##	SAMPLE	12	0.0000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	13	0.0000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	14	0.0000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	15	0.0000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	16	0.0000000000	0.000000e+00	0.0000000000	0.004123634	0.0000000000

##	SAMPLE	17	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	18	0.000000000	0.000000e+00	0.0051148770	12.639677198	0.000000000
##	SAMPLE	19	0.000000000	0.000000e+00	0.0000000000	0.209871543	0.000000000
##	SAMPLE	20	0.000000000	0.000000e+00	0.0000000000	0.140626778	0.000000000
##	SAMPLE	21	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	22	0.265404876	3.190130e-02	0.0000000000	0.001031559	0.000000000
##	SAMPLE	23	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	24	0.000000000	0.000000e+00	0.0000000000	0.011183783	0.000000000
##	SAMPLE	25	0.000000000	0.000000e+00	0.0000000000	0.019302667	0.000000000
##	SAMPLE	26	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	27	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	28	0.000000000	0.000000e+00	0.0000000000	0.094138697	0.000000000
##	SAMPLE	29	0.000000000	0.000000e+00	0.0000000000	0.009525057	0.000000000
##	SAMPLE	30	0.000000000	0.000000e+00	0.0000000000	0.016615981	0.000000000
##	SAMPLE	31	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	32	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	33	0.000000000	0.000000e+00	0.0000000000	0.256091282	0.000000000
##	SAMPLE	34	0.005743276	1.926212e-03	0.0000000000	0.000000000	0.000000000
##	SAMPLE	35	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	36	0.000000000	0.000000e+00	0.0000000000	0.032572138	0.000000000
##	SAMPLE	37	0.000000000	0.000000e+00	0.0000000000	0.016283388	0.000000000
##	SAMPLE	38	0.000000000	0.000000e+00	0.0000000000	0.754701651	0.004767356
##	SAMPLE	39	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	40	0.000000000	1.175968e+01	0.0000000000	0.050113856	0.000000000
##	SAMPLE	41	0.000000000	0.000000e+00	0.0000000000	0.077283193	0.000000000
##	SAMPLE	42	0.000000000	0.000000e+00	0.0000000000	11.730427449	0.000000000
##	SAMPLE	43	0.000000000	0.000000e+00	0.0000000000	0.001319950	0.000000000
##	SAMPLE	44	0.000000000	0.000000e+00	0.0000000000	0.011819510	0.000000000
##	SAMPLE	45	0.000000000	0.000000e+00	0.0000000000	0.068735699	0.000000000
##	SAMPLE	46	0.000000000	0.000000e+00	0.0012060099	0.003475209	0.000000000
##	SAMPLE	47	0.000000000	0.000000e+00	0.0000000000	11.953258958	0.000000000
##	SAMPLE	48	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	49	0.000000000	0.000000e+00	0.0000000000	0.058391438	0.000000000
##	SAMPLE	50	0.000000000	0.000000e+00	0.0000000000	0.070113963	0.000000000
##	SAMPLE	51	0.000000000	0.000000e+00	0.0000000000	0.017817296	0.000000000
##	SAMPLE	52	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	53	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	54	0.000000000	0.000000e+00	0.0000000000	0.118286937	0.000000000
##	SAMPLE	55	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	56	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	57	0.000000000	0.000000e+00	0.0000000000	0.010492777	0.000000000
##	SAMPLE	58	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	59	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	60	0.000000000	0.000000e+00	0.0000000000	0.045539892	0.000000000
##	SAMPLE	61	0.000000000	0.000000e+00	0.0000000000	0.003859981	0.000000000
##	SAMPLE	62	0.000000000	0.000000e+00	0.0000000000	12.694975378	0.000000000
##	SAMPLE	63	0.000000000	0.000000e+00	0.0000000000	0.054343123	0.000000000
##	SAMPLE	64	0.019758076	9.650773e-04	0.0000000000	0.106056573	0.000000000
##	SAMPLE	65	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	66	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	67	0.000000000	0.000000e+00	0.0000000000	0.211619325	0.000000000
##	SAMPLE	68	0.000000000	0.000000e+00	0.0000000000	0.040693804	0.000000000
##	SAMPLE	69	0.000000000	5.103070e-03	0.0000000000	0.014344422	0.000000000
##	SAMPLE	70	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	72	0.000000000	0.000000e+00	0.0000000000	0.229822476	0.000000000

##	SAMPLE	73	0.000000000	0.000000e+00	0.0000000000	0.049261054	0.000000000
##	SAMPLE	74	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	75	0.000000000	0.000000e+00	0.0000000000	0.051928097	0.000000000
##	SAMPLE	76	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	77	0.000000000	1.996987e-03	0.0000000000	12.770612466	0.000000000
##	SAMPLE	78	0.324084572	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	79	0.000000000	0.000000e+00	0.0000000000	0.224169589	0.000000000
##	SAMPLE	80	0.000000000	1.008246e-01	0.0000000000	0.000000000	0.000000000
##	SAMPLE	81	0.000000000	0.000000e+00	0.0000000000	0.024275043	0.000000000
##	SAMPLE	82	0.000000000	0.000000e+00	0.0000000000	0.038360743	0.000000000
##	SAMPLE	83	0.000000000	0.000000e+00	0.0000000000	0.188807577	0.000000000
##	SAMPLE	84	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	85	0.000000000	0.000000e+00	0.0000000000	0.141421136	0.000000000
##	SAMPLE	86	0.000000000	0.000000e+00	0.0000000000	0.025796916	0.000000000
##	SAMPLE	87	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	88	0.000000000	0.000000e+00	0.0000000000	0.105037957	0.000000000
##	SAMPLE	89	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	90	0.000000000	0.000000e+00	0.0000000000	0.004833557	0.000000000
##	SAMPLE	91	0.000000000	0.000000e+00	0.0000000000	0.045326895	0.000000000
##	SAMPLE	92	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	93	0.010405029	4.282461e-03	0.0000000000	0.000000000	0.000000000
##	SAMPLE	94	0.000000000	0.000000e+00	0.0000000000	0.007721925	0.000000000
##	SAMPLE	95	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	96	0.000000000	7.842414e-02	0.0000000000	0.175285924	0.000000000
##	SAMPLE	97	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	98	0.003813734	0.000000e+00	0.0000000000	0.051422428	0.000000000
##	SAMPLE	99	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	100	0.000000000	0.000000e+00	0.0000000000	0.032786310	0.000000000
##	SAMPLE	101	0.008556051	3.187690e-03	0.0000000000	0.057808361	0.000000000
##	SAMPLE	102	0.000000000	0.000000e+00	0.0000000000	0.026583079	0.000000000
##	SAMPLE	103	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	104	0.000000000	4.110768e-03	0.0000000000	0.000000000	0.000000000
##	SAMPLE	105	0.000000000	7.841166e-03	0.0000000000	0.002161392	0.000000000
##	SAMPLE	106	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	107	0.000000000	0.000000e+00	0.0000000000	0.043113334	0.000000000
##	SAMPLE	108	0.000000000	0.000000e+00	0.0000000000	0.533427597	0.000000000
##	SAMPLE	109	0.029207056	1.546431e-02	0.0000000000	0.000000000	0.000000000
##	SAMPLE	110	0.000000000	0.000000e+00	0.0000000000	0.014003759	0.000000000
##	SAMPLE	111	0.000000000	0.000000e+00	0.0000000000	0.216274221	0.000000000
##	SAMPLE	112	0.000000000	0.000000e+00	0.0000000000	0.162612121	0.000000000
##	SAMPLE	113	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	114	0.000000000	0.000000e+00	0.0000000000	0.075444229	0.000000000
##	SAMPLE	115	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	116	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	117	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	118	0.000000000	0.000000e+00	0.0000000000	0.007234424	0.000000000
##	SAMPLE	119	0.000000000	0.000000e+00	0.0000000000	0.206620834	0.000000000
##	SAMPLE	120	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##	SAMPLE	121	0.000000000	0.000000e+00	0.0000000000	0.000000000	0.000000000
##			OTU 581	OTU 589	OTU 598	OTU 602	OTU 604
##	SAMPLE	1	0.000000000	10.139320954	0.000000000	0.000000000	0.000000000
##	SAMPLE	2	0.000000000	0.112234445	0.000000000	0.000000000	0.000000000
##	SAMPLE	3	0.000000000	0.635245982	0.000000000	0.000000000	0.000000000
##	SAMPLE	4	0.000000000	0.307925529	0.000000000	0.000000000	0.000000000
##	SAMPLE	5	0.000000000	12.266798701	0.000000000	0.000000000	0.000000000
##	SAMPLE	6	0.000000000	0.457917814	0.000000000	0.000000000	0.000000000

##	SAMPLE 7	0.000000000	0.707025520	0.000000000	0.000000000	0.000000000
##	SAMPLE 8	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 9	0.000000000	0.052193204	0.000000000	0.000000000	0.000000000
##	SAMPLE 10	0.000000000	12.191327393	0.000000000	0.000000000	0.000000000
##	SAMPLE 11	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 12	0.000000000	12.012140451	0.000000000	0.000000000	0.000000000
##	SAMPLE 13	0.000000000	12.179930250	0.000000000	0.000000000	0.000000000
##	SAMPLE 14	0.000000000	0.046138670	0.000000000	0.000000000	0.000000000
##	SAMPLE 15	0.000000000	0.256398642	0.000000000	0.000000000	0.000000000
##	SAMPLE 16	0.000000000	15.075610366	0.000000000	0.000000000	0.000000000
##	SAMPLE 17	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 18	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 19	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 20	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 21	0.000000000	14.145327436	0.000000000	0.000000000	0.000000000
##	SAMPLE 22	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 23	0.000000000	0.736900055	0.000000000	0.000000000	0.000000000
##	SAMPLE 24	0.000000000	0.763079491	0.000000000	0.000000000	0.000000000
##	SAMPLE 25	0.000000000	0.704011137	0.000000000	0.000000000	0.008355456
##	SAMPLE 26	0.000000000	0.780215879	0.000000000	0.000000000	0.000000000
##	SAMPLE 27	0.000000000	13.614435513	0.000000000	0.000000000	0.000000000
##	SAMPLE 28	0.000000000	12.098344194	0.000000000	0.000000000	0.000000000
##	SAMPLE 29	0.000000000	0.492340019	0.000000000	0.04919177	0.000000000
##	SAMPLE 30	0.000000000	14.956030661	0.000000000	0.000000000	0.000000000
##	SAMPLE 31	0.000000000	0.056996488	0.000000000	0.000000000	0.000000000
##	SAMPLE 32	0.000000000	15.216722171	0.000000000	0.000000000	0.000000000
##	SAMPLE 33	0.000000000	0.511799283	0.000000000	0.000000000	0.000000000
##	SAMPLE 34	0.000000000	12.047783028	0.01087452	0.000000000	0.000000000
##	SAMPLE 35	0.000000000	0.095247548	0.000000000	0.000000000	0.000000000
##	SAMPLE 36	0.000000000	0.560183842	0.000000000	0.000000000	0.000000000
##	SAMPLE 37	0.000000000	0.649723237	0.03818662	0.000000000	0.000000000
##	SAMPLE 38	0.000000000	0.004346847	0.000000000	0.000000000	0.000000000
##	SAMPLE 39	0.000000000	0.618933297	0.000000000	0.000000000	0.000000000
##	SAMPLE 40	0.000000000	0.005102894	0.000000000	0.000000000	0.000000000
##	SAMPLE 41	0.000000000	0.011505414	0.000000000	0.000000000	0.000000000
##	SAMPLE 42	0.000000000	0.010387868	0.000000000	0.000000000	0.000000000
##	SAMPLE 43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 44	0.000000000	14.067665458	0.000000000	0.000000000	0.000000000
##	SAMPLE 45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 46	0.000000000	0.083087087	0.000000000	0.000000000	0.000000000
##	SAMPLE 47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 48	0.000000000	0.080428196	0.000000000	0.000000000	0.000000000
##	SAMPLE 49	0.000000000	0.800241336	0.000000000	0.000000000	0.000000000
##	SAMPLE 50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 51	0.000000000	11.686479038	0.000000000	0.000000000	0.000000000
##	SAMPLE 52	0.000000000	0.006541438	0.000000000	0.000000000	0.000000000
##	SAMPLE 53	0.000000000	12.255344409	0.000000000	0.000000000	0.000000000
##	SAMPLE 54	0.000000000	0.073058683	0.000000000	0.000000000	0.000000000
##	SAMPLE 55	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 56	0.000000000	0.641953999	0.000000000	0.000000000	0.000000000
##	SAMPLE 57	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 58	0.000000000	0.775475790	0.000000000	0.000000000	0.000000000
##	SAMPLE 59	0.000000000	0.800914841	0.000000000	0.000000000	0.000000000
##	SAMPLE 60	0.000000000	0.233826340	0.000000000	0.000000000	0.000000000
##	SAMPLE 61	0.000000000	0.361100402	0.000000000	0.000000000	0.000000000
##	SAMPLE 62	0.000000000	0.139920783	0.000000000	0.000000000	0.000000000

##	SAMPLE	63	0.000000000	0.021043514	0.000000000	0.000000000	0.000000000
##	SAMPLE	64	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	65	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	66	0.000000000	0.509086610	0.000000000	0.000000000	0.000000000
##	SAMPLE	67	0.000000000	0.006816647	0.000000000	0.000000000	0.000000000
##	SAMPLE	68	0.000000000	12.559529269	0.000000000	0.000000000	0.000000000
##	SAMPLE	69	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	70	0.000000000	13.579003059	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000000	12.183321601	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	73	0.000000000	0.015911824	0.000000000	0.000000000	0.000000000
##	SAMPLE	74	0.000000000	0.441028247	0.000000000	0.000000000	0.000000000
##	SAMPLE	75	0.000000000	13.499016916	0.000000000	0.000000000	0.000000000
##	SAMPLE	76	0.000000000	12.196004325	0.000000000	0.000000000	0.000000000
##	SAMPLE	77	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	78	0.000000000	0.058176511	0.000000000	0.000000000	0.000000000
##	SAMPLE	79	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	80	0.000000000	12.564018593	0.000000000	0.000000000	0.000000000
##	SAMPLE	81	0.000000000	12.971082655	0.000000000	0.000000000	0.000000000
##	SAMPLE	82	0.010313498	0.742155357	0.000000000	0.000000000	0.000000000
##	SAMPLE	83	0.000000000	0.017619292	0.000000000	0.000000000	0.000000000
##	SAMPLE	84	0.000000000	13.662492887	0.000000000	0.000000000	0.000000000
##	SAMPLE	85	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	86	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	87	0.000000000	0.015794385	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	0.000000000	0.042288433	0.000000000	0.000000000	0.000000000
##	SAMPLE	89	0.000000000	14.213931583	0.000000000	0.000000000	0.000000000
##	SAMPLE	90	0.000000000	0.017601183	0.000000000	0.000000000	0.000000000
##	SAMPLE	91	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	92	0.000000000	0.008822146	0.000000000	0.000000000	0.000000000
##	SAMPLE	93	0.000000000	0.002082343	0.000000000	0.000000000	0.000000000
##	SAMPLE	94	0.000000000	0.011730758	0.000000000	0.000000000	0.000000000
##	SAMPLE	95	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	96	0.000000000	0.011061135	0.000000000	0.000000000	0.000000000
##	SAMPLE	97	0.000000000	0.317923190	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.000000000	0.104867367	0.000000000	0.000000000	0.000000000
##	SAMPLE	99	0.014060655	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	100	0.000000000	0.144450089	0.000000000	0.000000000	0.000000000
##	SAMPLE	101	0.000000000	12.666923259	0.000000000	0.000000000	0.000000000
##	SAMPLE	102	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	103	0.000000000	0.123823304	0.000000000	0.000000000	0.000000000
##	SAMPLE	104	0.000000000	0.080438638	0.000000000	0.000000000	0.000000000
##	SAMPLE	105	0.000000000	12.644683590	0.000000000	0.000000000	0.000000000
##	SAMPLE	106	0.000000000	12.877815155	0.000000000	0.000000000	0.000000000
##	SAMPLE	107	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	108	0.000000000	0.832786742	0.000000000	0.000000000	0.000000000
##	SAMPLE	109	0.000000000	12.637680449	0.000000000	0.000000000	0.000000000
##	SAMPLE	110	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	111	0.000000000	11.959239666	0.000000000	0.000000000	0.000000000
##	SAMPLE	112	0.000000000	0.063586308	0.000000000	0.000000000	0.000000000
##	SAMPLE	113	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	114	0.000000000	12.139060464	0.000000000	0.000000000	0.000000000
##	SAMPLE	115	0.000000000	0.105363909	0.000000000	0.000000000	0.000000000
##	SAMPLE	116	0.000000000	0.002539049	0.000000000	0.000000000	0.000000000
##	SAMPLE	117	0.001391625	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	118	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE 119	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 120	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 121	0.000000000	14.051220047	0.000000000	0.000000000	0.000000000
##		OTU 609	OTU 614	OTU 617	OTU 619	OTU 621
##	SAMPLE 1	0.000000000	0.000000000	0.000000000	0.006256014	0.000000000
##	SAMPLE 2	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 3	0.0005938746	0.0876209238	0.000000000	0.000000000	0.000000000
##	SAMPLE 4	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 5	0.000000000	0.000000000	0.0041368515	0.000000000	0.000000000
##	SAMPLE 6	0.0251729342	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 7	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 8	0.000000000	0.0002957577	0.000000000	0.000000000	0.000000000
##	SAMPLE 9	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 10	0.000000000	0.000000000	0.000000000	13.655595449	0.000000000
##	SAMPLE 11	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 12	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 13	0.0007743895	0.000000000	0.0215604899	0.129418076	0.000000000
##	SAMPLE 14	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 15	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 16	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 17	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 18	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 19	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 20	0.000000000	0.000000000	0.000000000	0.000000000	0.038717067
##	SAMPLE 21	0.000000000	0.000000000	0.000000000	0.089937393	0.000000000
##	SAMPLE 22	0.0400881925	0.000000000	0.0233676656	0.000000000	0.000000000
##	SAMPLE 23	0.000000000	0.000000000	0.000000000	0.605690681	0.000000000
##	SAMPLE 24	0.0155671449	0.000000000	0.0276189819	0.000000000	0.005090147
##	SAMPLE 25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 26	0.000000000	0.000000000	0.0137525839	0.000000000	0.000000000
##	SAMPLE 27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 28	0.0004380203	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 29	0.000000000	0.0042598895	0.000000000	0.000000000	0.000000000
##	SAMPLE 30	0.000000000	0.000000000	0.0063594943	0.000000000	0.000000000
##	SAMPLE 31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 34	0.000000000	0.0009432511	0.000000000	0.000000000	0.000000000
##	SAMPLE 35	0.0035711020	0.5561595674	0.000000000	0.000000000	0.000000000
##	SAMPLE 36	0.000000000	0.000000000	0.000000000	0.057377600	0.024253404
##	SAMPLE 37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 40	0.0027490787	0.000000000	0.0135382586	0.000000000	0.000000000
##	SAMPLE 41	0.000000000	0.000000000	0.0092174419	0.000000000	0.000000000
##	SAMPLE 42	0.0034951746	0.000000000	0.0554913653	0.000000000	0.000000000
##	SAMPLE 43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 45	0.000000000	0.000000000	0.000000000	0.001220831	0.000000000
##	SAMPLE 46	0.0014616433	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 48	0.000000000	0.000000000	0.0052571119	0.000000000	0.000000000
##	SAMPLE 49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 50	0.000000000	0.0001957502	0.000000000	0.000000000	0.000000000
##	SAMPLE 51	0.000000000	0.000000000	0.000000000	0.083368366	0.000000000
##	SAMPLE 52	0.0196748599	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE	53	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	54	0.0037286854	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	55	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	56	0.0000000000	0.0000000000	0.0000000000	0.039303818	0.0000000000
##	SAMPLE	57	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	58	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	59	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	60	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	61	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	62	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	63	0.0025406652	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	64	0.0059202030	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	65	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	66	0.0000000000	0.0000000000	0.0145629689	0.0000000000	0.0000000000
##	SAMPLE	67	0.0000000000	0.0000000000	0.0000000000	0.607620177	0.0000000000
##	SAMPLE	68	0.0000000000	0.0000000000	0.0518917557	0.224284087	0.0000000000
##	SAMPLE	69	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	70	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	71	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	72	0.0346193932	0.0045176017	0.7816608658	0.025968328	0.0000000000
##	SAMPLE	73	0.0088081725	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	74	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	75	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	76	0.0122945908	0.0000000000	0.0000000000	0.731700379	0.0000000000
##	SAMPLE	77	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	78	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	79	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	80	0.0000000000	0.0324674648	0.0000000000	0.361812160	0.0000000000
##	SAMPLE	81	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.384573302
##	SAMPLE	82	0.0000000000	0.0000000000	0.0000000000	0.004244054	0.0000000000
##	SAMPLE	83	0.0000000000	0.0000000000	0.0000000000	0.013240251	0.0000000000
##	SAMPLE	84	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	85	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	86	0.0000000000	0.0000000000	0.0115850719	0.0000000000	0.0000000000
##	SAMPLE	87	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	88	0.0000000000	0.0361200491	0.0000000000	0.008945892	0.0000000000
##	SAMPLE	89	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.022074595
##	SAMPLE	90	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	91	0.0000000000	0.0000000000	0.0028424521	0.0000000000	0.0000000000
##	SAMPLE	92	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	93	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	94	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	95	0.0000000000	0.0000000000	0.0522449931	0.0000000000	0.0000000000
##	SAMPLE	96	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	97	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	98	0.0031479636	0.0000000000	0.0000000000	0.034547306	0.002820756
##	SAMPLE	99	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	100	0.0024807420	0.0000000000	0.0026027871	0.0000000000	0.0000000000
##	SAMPLE	101	0.0000000000	0.0140645164	0.0000000000	11.895114016	0.0000000000
##	SAMPLE	102	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	103	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	104	0.0000000000	0.0198219744	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	105	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	106	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	107	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	108	0.0044898898	0.0000000000	0.0000000000	0.027461099	0.0000000000

##	SAMPLE	109	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	110	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	111	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	112	0.0000000000	0.0000000000	0.0009709757	0.0000000000	0.0000000000
##	SAMPLE	113	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	114	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	115	0.0000000000	0.0000000000	0.0000000000	0.076096789	0.027636451
##	SAMPLE	116	0.0000000000	0.0000000000	0.0000000000	0.176872282	0.0000000000
##	SAMPLE	117	0.0000000000	0.0005235735	0.0008447216	0.0000000000	0.0000000000
##	SAMPLE	118	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	119	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	120	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	121	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##			OTU 623	OTU 627	OTU 630	OTU 631	OTU 633
##	SAMPLE	1	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	2	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	3	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	4	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	5	0.0609439168	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	6	0.0436848479	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	7	0.0104541482	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	8	0.0000000000	0.008095255	0.0000000000	0.0320449175	0.0000000000
##	SAMPLE	9	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	10	0.0035830617	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	11	0.0000000000	0.0000000000	0.0000000000	0.0160520457	0.0000000000
##	SAMPLE	12	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	13	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	14	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	15	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	16	0.0062153270	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	17	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	18	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	19	0.2556125713	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	20	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	21	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	22	0.0071829015	0.001190166	0.0000000000	0.0136882743	0.0000000000
##	SAMPLE	23	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	24	0.0470528745	0.048245834	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	25	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	26	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	27	0.0089930028	0.0000000000	0.0019737062	0.0000000000	0.0000000000
##	SAMPLE	28	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	29	0.0030302806	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	30	0.0240727566	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	31	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	32	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	33	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	34	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	35	0.0039512679	0.0000000000	0.0000000000	0.0242103293	0.000929714
##	SAMPLE	36	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	37	0.0117654983	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	38	0.2745897905	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	39	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	40	0.0234391625	0.0000000000	0.0000000000	0.0074149106	0.0000000000
##	SAMPLE	41	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	42	0.0766609916	0.0000000000	0.0000000000	0.0000000000	0.0000000000

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##	SAMPLE	13	0.000000e+00	2.065625e-04	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	14	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	15	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	16	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	17	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	18	0.000000e+00	0.000000e+00	0.000000	0.038235568	0.0000000000	0.3139960
##	SAMPLE	19	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	20	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	21	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	22	0.000000e+00	2.188812e-03	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	23	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	24	0.000000e+00	3.012961e-01	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	25	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	26	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	27	0.000000e+00	2.259327e-03	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	28	0.000000e+00	0.000000e+00	14.64207	0.0000000000	0.04741338	0.00000000
##	SAMPLE	29	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	30	8.877998e-05	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	31	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	32	0.000000e+00	5.368236e-01	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	33	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	34	0.000000e+00	4.686881e-01	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	35	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	36	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	37	0.000000e+00	7.353829e-04	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	38	0.000000e+00	1.278878e-02	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	39	7.065099e-02	0.000000e+00	0.000000	0.0000000000	0.0000000000	13.9788201
##	SAMPLE	40	0.000000e+00	1.853684e-02	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	41	0.000000e+00	6.671425e-01	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	42	0.000000e+00	4.700274e-04	0.000000	0.0000000000	0.0000000000	12.9047576
##	SAMPLE	43	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	44	3.983749e-03	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	45	0.000000e+00	0.000000e+00	0.000000	0.0000000000	0.0000000000	0.00000000
##	SAMPLE	46	0.000000e+00	7.720084e-02	0.000000	0.0000000000	0.0000000000	0.0378605
##	SAMPLE	47	0.000000e+00	1.402038e-03</				

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##	SAMPLE 3	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 4	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 5	0.0000000	0.0000000000	0.0021427930	0.0000000000	0.0000000000
##	SAMPLE 6	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 7	0.0000000	0.0000000000	0.0014573272	0.0000000000	0.0000000000
##	SAMPLE 8	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 9	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 10	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 11	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 12	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 13	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 14	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 15	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 16	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 17	0.0000000	0.001008351	0.0096451912	0.0000000000	0.0000000000
##	SAMPLE 18	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0016006959
##	SAMPLE 19	0.0000000	0.0000000000	0.0034291276	0.0000000000	0.0000000000
##	SAMPLE 20	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 21	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 22	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0080968353
##	SAMPLE 23	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 24	0.0000000	0.0000000000	0.0403917807	0.0000000000	0.0513221876
##	SAMPLE 25	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 26	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 27	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 28	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0114461246
##	SAMPLE 29	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 30	0.0000000	0.0000000000	0.0000000000	0.001812086	0.0000000000
##	SAMPLE 31	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 32	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 33	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 34	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0134463491
##	SAMPLE 35	0.0000000	0.002857901	0.0009892816	0.0000000000	0.0211210384
##	SAMPLE 36	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 37	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 38	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 39	0.0000000	0.011823869	0.0216507369	0.0000000000	0.0000000000
##	SAMPLE 40	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 41	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 42	0.0000000	0.0000000000	0.0000000000	0.0000000000	0.0063513923
##	SAMPLE 43	0.0000000	0.0000000000	0.0000000000		

##	SAMPLE 59	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 60	0.0000000	0.001550965	0.0266521482	0.000000000	0.0068366048
##	SAMPLE 61	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 62	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 63	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 64	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 65	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 66	0.0000000	0.000000000	0.0000000000	0.000000000	0.0012972348
##	SAMPLE 67	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 68	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 69	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 70	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 71	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 72	0.0000000	0.000000000	0.0000000000	0.000000000	0.0192132524
##	SAMPLE 73	0.0000000	0.007838285	0.0195923684	0.000000000	0.0075993997
##	SAMPLE 74	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 75	0.0000000	0.000000000	0.0000000000	0.000000000	0.0054842851
##	SAMPLE 76	0.0000000	0.002793352	0.0130665813	0.000000000	0.0000000000
##	SAMPLE 77	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 78	0.0000000	0.000000000	0.0012047719	0.000000000	0.0000000000
##	SAMPLE 79	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 80	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 81	0.0000000	0.000000000	0.0029555050	0.000000000	0.0000000000
##	SAMPLE 82	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 83	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 84	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 85	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 86	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 87	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 88	0.0000000	0.000000000	0.0010852224	0.000000000	0.0000000000
##	SAMPLE 89	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 90	0.0000000	0.000000000	0.0000000000	0.000000000	0.0067151296
##	SAMPLE 91	0.0000000	0.000000000	0.0013265012	0.000000000	0.0033423590
##	SAMPLE 92	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 93	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 94	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 95	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 96	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 97	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 98	0.0000000	0.000000000	0.0000000000	0.000000000	0.0000000000
##	SAMPLE 99	0.0000000	0.000000000	0.0000000000	0.000000000	0.0076809773
##	SAMPLE 100	0.0000000	0			

##	SAMPLE	115	0.00000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	116	0.00000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	117	0.00000000	0.0000000000	0.0000000000	0.0000000000	0.0017124948
##	SAMPLE	118	0.00000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	119	0.00000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	120	0.00000000	0.0000000000	0.0162031178	0.0000000000	0.0000000000
##	SAMPLE	121	0.00000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##			OTU 701	OTU 703	OTU 705	OTU 708	OTU 712
##	SAMPLE	1	0.0000000000	0.0055158182	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	2	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	3	0.0000000000	0.0123978986	0.0006519521	0.0000000000	0.0000000000
##	SAMPLE	4	0.294009614	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	5	0.0000000000	0.0112671021	0.0048508591	0.0000000000	0.0000000000
##	SAMPLE	6	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	7	0.0000000000	0.0000000000	0.0014144949	0.0000000000	0.0000000000
##	SAMPLE	8	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	9	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	10	0.0000000000	0.0000000000	0.0006125009	0.0000000000	0.0000000000
##	SAMPLE	11	0.0000000000	0.0314035338	0.0000000000	0.0000000000	0.0010640108
##	SAMPLE	12	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	13	0.0000000000	0.0031197094	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	14	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	15	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	16	0.0000000000	0.0135799229	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	17	0.001427255	0.0157339400	0.0000000000	0.0000000000	0.0001360168
##	SAMPLE	18	0.091865851	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	19	0.0000000000	0.0373606315	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	20	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	21	0.0000000000	0.0459105214	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	22	0.002600661	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	23	0.0000000000	0.0233462700	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	24	0.070960119	0.1736077004	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	25	0.0000000000	0.0518017635	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	26	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	27	0.0000000000	0.0142786674	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	28	0.022555951	0.0401107984	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	29	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	30	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	31	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	32	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	33	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	34	0.0000000000	0.0254778721	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	35	0.024035718	0.0961578239	0.0000000000	0.0000000000	0.0565860036
##	SAMPLE	36	0.0000000000	0.0176588273	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	37	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	38	0.0000000000	0.0082298259	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	39	12.962819421	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	40	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	41	0.0000000000	0.0344864712	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	42	0.056965009	0.1104271816	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	43	0.0000000000	0.0128685889	0.0000000000	0.0000000000	0.0007434871
##	SAMPLE	44	0.011795382	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	45	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	46	12.191058187	0.0035043615	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	47	0.105030374	0.0547030824	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	48	0.0000000000	0.0000000000	0.0020744760	0.0000000000	0.0000000000

##	SAMPLE	49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	50	0.005505511	0.0383439884	0.000000000	0.000000000	0.0049342445
##	SAMPLE	51	0.000000000	0.0145161619	0.000000000	0.000000000	0.000000000
##	SAMPLE	52	0.000000000	0.0279615746	0.000000000	0.000000000	0.000000000
##	SAMPLE	53	0.000000000	0.0756728333	0.000000000	0.000000000	0.000000000
##	SAMPLE	54	0.000000000	0.000000000	0.0005813230	0.000000000	0.000000000
##	SAMPLE	55	0.000000000	0.0182655274	0.000000000	0.000000000	0.000000000
##	SAMPLE	56	0.011391456	0.0162389628	0.000000000	0.000000000	0.000000000
##	SAMPLE	57	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	58	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	59	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	60	0.003389616	0.0077583826	0.000000000	0.000000000	0.000000000
##	SAMPLE	61	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	62	0.000000000	0.0836168211	0.000000000	0.000000000	0.000000000
##	SAMPLE	63	0.000000000	0.0035835546	0.000000000	0.000000000	0.000000000
##	SAMPLE	64	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	65	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	66	0.000000000	0.0083583598	0.000000000	0.000000000	0.000000000
##	SAMPLE	67	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	68	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	69	0.424602503	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	70	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.000000000	0.0515160863	0.000000000	0.000000000	0.000000000
##	SAMPLE	73	0.019282484	0.0448830221	0.000000000	0.000000000	0.000000000
##	SAMPLE	74	0.000000000	0.000000000	0.0005996639	0.000000000	0.000000000
##	SAMPLE	75	12.392665773	0.0478397105	0.000000000	0.000000000	0.000000000
##	SAMPLE	76	0.000000000	0.0201070135	0.0005037269	0.000000000	0.000000000
##	SAMPLE	77	0.000000000	0.1874745349	0.000000000	0.000000000	0.000000000
##	SAMPLE	78	0.000000000	0.0389268604	0.000000000	0.000000000	0.000000000
##	SAMPLE	79	0.004099644	0.0080179068	0.000000000	0.000000000	0.000000000
##	SAMPLE	80	0.000000000	0.0087099621	0.000000000	0.000000000	0.000000000
##	SAMPLE	81	0.000000000	0.0070177831	0.000000000	0.000000000	0.000000000
##	SAMPLE	82	0.000000000	0.000000000	0.0013961100	0.000000000	0.000000000
##	SAMPLE	83	0.000000000	0.0141460499	0.000000000	0.000000000	0.000000000
##	SAMPLE	84	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	85	0.471086542	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	86	0.000000000	0.0349604778	0.000000000	0.000000000	0.000000000
##	SAMPLE	87	0.006184318	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	0.000000000	0.0092427144	0.000000000	0.000000000	0.000000000
##	SAMPLE	89	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	90	0.006034969	0.0597701254	0.000000000	0.000000000	0.000000000
##	SAMPLE	91	0.000000000	0.0474389277	0.000000000	0.000000000	0.000000000
##	SAMPLE	92	0.000000000	0.0869308456	0.000000000	0.000000000	0.000000000
##	SAMPLE	93	0.000000000	0.0073058273	0.000000000	0.000000000	0.000000000
##	SAMPLE	94	0.004752682	0.1223923641	0.000000000	0.000000000	0.000000000
##	SAMPLE	95	0.000000000	0.0538851557	0.000000000	0.004323428	0.000000000
##	SAMPLE	96	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	97	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.000000000	0.1095529114	0.000000000	0.025858980	0.000000000
##	SAMPLE	99	0.015946713	0.0189518961	0.000000000	0.000000000	0.0010580074
##	SAMPLE	100	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	101	0.251025848	0.0080878337	0.000000000	0.000000000	0.000000000
##	SAMPLE	102	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	103	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	104	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE	105	0.000000000	0.000000000	0.000000000	0.000000000	0.0010101789
##	SAMPLE	106	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	107	0.000000000	0.000000000	0.000000000	0.000000000	0.0042910665
##	SAMPLE	108	0.062631707	0.0273351032	0.000000000	0.000000000	0.000000000
##	SAMPLE	109	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	110	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	111	0.000000000	0.0232331706	0.000000000	0.000000000	0.000000000
##	SAMPLE	112	0.087444490	0.0009185146	0.000000000	0.000000000	0.000000000
##	SAMPLE	113	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	114	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	115	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	116	0.000000000	0.0033916452	0.000000000	0.000000000	0.000000000
##	SAMPLE	117	0.000000000	0.000000000	0.0015104779	0.000000000	0.000000000
##	SAMPLE	118	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	119	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	120	0.000000000	0.000000000	0.0034467652	0.000000000	0.000000000
##	SAMPLE	121	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##			OTU 714	OTU 716	OTU 718	OTU 720	OTU 722
##	SAMPLE	1	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	2	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	3	0.0016258608	0.00000000	0.000000e+00	0.067750250	0.000000000
##	SAMPLE	4	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	5	0.0068983452	0.00000000	7.381803e-03	0.628917161	0.000000000
##	SAMPLE	6	0.000000000	0.00000000	0.000000e+00	0.002488334	0.000000000
##	SAMPLE	7	0.0020853230	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	8	0.000000000	0.00000000	5.261976e-02	0.012067614	0.000000000
##	SAMPLE	9	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	10	0.000000000	0.00000000	0.000000e+00	11.820495983	0.000000000
##	SAMPLE	11	0.0129275756	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	12	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	13	0.000000000	0.00000000	0.000000e+00	0.173089557	0.000000000
##	SAMPLE	14	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	15	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	16	0.000000000	0.00000000	0.000000e+00	0.002003299	0.000000000
##	SAMPLE	17	0.0066206405	0.00000000	0.000000e+00	0.001551759	0.000000000
##	SAMPLE	18	0.0209191606	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	19	0.0026585985	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	20	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	21	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	22	0.000000000	0.00000000	0.000000e+00	0.018376008	0.000000000
##	SAMPLE	23	0.0002473090	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	24	0.0268255036	0.00000000	3.983031e-01	0.228278751	0.000000000
##	SAMPLE	25	0.000000000	0.00000000	2.230992e-02	0.472489136	0.000000000
##	SAMPLE	26	0.000000000	0.00000000	1.359809e+01	13.618882719	0.000000000
##	SAMPLE	27	0.0075251799	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	28	0.0060398138	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	29	0.000000000	0.03767683	3.662468e-01	14.026075078	0.007727262
##	SAMPLE	30	0.000000000	0.00000000	9.634754e-04	0.000000000	0.000000000
##	SAMPLE	31	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	32	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	33	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	34	0.0024051574	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	35	0.0805803129	0.00000000	0.000000e+00	0.028125239	0.000000000
##	SAMPLE	36	0.000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	37	0.000000000	0.02688045	5.492807e-02	0.134424507	0.000000000
##	SAMPLE	38	0.000000000	0.03782236	3.322306e-01	0.650790473	0.000000000

##	SAMPLE	39	0.0626399837	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	40	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	41	0.0043444439	0.00000000	0.000000e+00	0.039474425	0.000000000
##	SAMPLE	42	0.0984350207	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	43	0.0083388869	0.00000000	0.000000e+00	12.089014472	0.000000000
##	SAMPLE	44	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	45	0.0000000000	0.00000000	4.497111e-02	0.040607363	0.000000000
##	SAMPLE	46	0.0800402830	0.00000000	4.465912e-03	0.000000000	0.000000000
##	SAMPLE	47	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	48	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	49	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	50	0.0127349297	0.00000000	3.608687e-03	0.002073005	0.000000000
##	SAMPLE	51	0.0076083332	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	52	0.0056867165	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	53	0.0031038203	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	54	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	55	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	56	0.0000000000	0.00000000	0.000000e+00	0.131028625	0.000000000
##	SAMPLE	57	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	58	0.0000000000	0.00000000	0.000000e+00	0.277814049	0.000000000
##	SAMPLE	59	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	60	0.0016478200	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	61	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	62	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	63	0.0008555240	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	64	0.0167267722	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	65	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	66	0.0083833550	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	67	0.0000000000	0.00000000	6.087326e-03	12.258155612	0.000000000
##	SAMPLE	68	0.0000000000	0.00000000	8.511850e-03	0.010996924	0.000000000
##	SAMPLE	69	0.3059245827	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	70	0.0664967098	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	71	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	72	0.0064042475	0.00000000	2.511800e-02	0.099242207	0.000000000
##	SAMPLE	73	0.0000000000	0.00000000	1.264221e+01	7.523027294	0.000000000
##	SAMPLE	74	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	75	0.0647427137	0.00000000	0.000000e+00	0.017419821	0.000000000
##	SAMPLE	76	0.0121744498	0.00000000	0.000000e+00	13.039684969	0.000000000
##	SAMPLE	77	0.0178016149	0.00000000	0.000000e+00	0.012594502	0.000000000
##	SAMPLE	78	0.0000000000	0.00000000	0.000000e+00	0.468030289	0.000000000
##	SAMPLE	79	0.0000000000	0.00000000	2.493086e-01	0.277348646	0.000000000
##	SAMPLE	80	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	81	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	82	0.0000000000	0.00000000	6.543607e-03	0.000000000	0.000000000
##	SAMPLE	83	0.0000000000	0.00000000	3.234614e-01	0.073465125	0.000000000
##	SAMPLE	84	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	85	0.7680973778	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	86	0.0000000000	0.00000000	0.000000e+00	13.300721452	0.046965387
##	SAMPLE	87	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	88	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	89	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	90	0.0115562185	0.00000000	3.617326e-03	0.075624591	0.000000000
##	SAMPLE	91	0.0032394574	0.00000000	1.906415e-02	0.059309679	0.000000000
##	SAMPLE	92	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	93	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	94	0.0027636997	0.00000000	0.000000e+00	0.008732466	0.000000000

##	SAMPLE	95	0.0000000000	0.00000000	0.000000e+00	0.009917849	0.000000000
##	SAMPLE	96	0.0000000000	0.00000000	0.000000e+00	0.016364596	0.000000000
##	SAMPLE	97	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	98	0.0048990396	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	99	0.0149815984	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	100	0.0006115916	0.00000000	9.783672e-04	0.007290235	0.000000000
##	SAMPLE	101	0.0149486434	0.01910287	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	102	0.0000000000	0.00000000	0.000000e+00	0.062013346	0.000000000
##	SAMPLE	103	0.0000000000	0.00000000	0.000000e+00	0.105035684	0.000000000
##	SAMPLE	104	0.0000000000	0.00000000	0.000000e+00	0.002078541	0.000000000
##	SAMPLE	105	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	106	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	107	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	108	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	109	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	110	0.0000000000	0.00000000	0.000000e+00	0.051259730	0.000000000
##	SAMPLE	111	0.0000000000	0.00000000	5.403634e-01	12.916061475	0.000000000
##	SAMPLE	112	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	113	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	114	0.0000000000	0.00000000	0.000000e+00	0.536929329	0.000000000
##	SAMPLE	115	0.0000000000	0.00000000	7.815983e-02	0.517025138	0.000000000
##	SAMPLE	116	0.0031497660	0.00000000	0.000000e+00	11.887438829	0.000000000
##	SAMPLE	117	0.0023657995	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	118	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	119	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	120	0.3469296164	0.00000000	0.000000e+00	12.043668464	0.000000000
##	SAMPLE	121	0.0000000000	0.00000000	0.000000e+00	0.000000000	0.000000000
##			OTU 724	OTU 726	OTU 728	OTU 730	OTU 732
##	SAMPLE	1	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	2	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	3	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	4	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	5	0.00000000	0.0299085152	0.00000000	0.000000000	0.0014859826
##	SAMPLE	6	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	7	0.00000000	0.0000000000	0.00000000	0.000000000	0.0891559588
##	SAMPLE	8	0.00000000	0.5222915156	0.00000000	0.000000000	0.0008613115
##	SAMPLE	9	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	10	0.00000000	0.0000000000	0.00000000	0.000000000	0.0018425559
##	SAMPLE	11	0.00000000	0.0000000000	0.00000000	0.000000000	0.0016192113
##	SAMPLE	12	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	13	0.00000000	0.0000000000	0.00000000	0.000000000	0.0048429744
##	SAMPLE	14	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	15	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	16	0.00000000	0.0000000000	0.00000000	0.006722478	0.0025247126
##	SAMPLE	17	0.00000000	0.0000000000	0.00000000	0.002174052	0.000000000
##	SAMPLE	18	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	19	0.00000000	0.0000000000	0.00000000	0.000000000	0.0101673033
##	SAMPLE	20	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	21	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	22	0.00000000	0.0000000000	0.01172855	0.000000000	0.0305238645
##	SAMPLE	23	0.00000000	0.0190817823	0.00000000	0.000000000	0.000000000
##	SAMPLE	24	0.00000000	0.0000000000	0.00000000	0.000000000	0.1416435516
##	SAMPLE	25	0.00000000	0.2037706941	0.00000000	0.349626634	0.000000000
##	SAMPLE	26	0.00000000	0.0000000000	0.00000000	0.000000000	0.000000000
##	SAMPLE	27	0.00000000	0.0000000000	0.00000000	0.000000000	0.0017437572
##	SAMPLE	28	0.00000000	0.0000000000	0.00000000	0.000000000	0.0035590190

##	SAMPLE	29	0.00000000	0.2060274017	0.00000000	0.000000000	0.0000000000
##	SAMPLE	30	0.00000000	0.1159505693	0.00000000	0.000000000	0.0000000000
##	SAMPLE	31	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	32	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	33	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	34	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	35	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	36	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	37	0.00000000	0.3270352715	0.00000000	0.000000000	0.0000000000
##	SAMPLE	38	0.00000000	0.0443976822	0.00000000	0.000000000	0.0000000000
##	SAMPLE	39	0.00000000	0.0000000000	0.01218794	0.000000000	0.0000000000
##	SAMPLE	40	0.00000000	0.0084541804	0.00000000	0.000000000	0.3307696243
##	SAMPLE	41	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	42	0.00000000	0.0000000000	0.00000000	0.000000000	0.2294203039
##	SAMPLE	43	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	44	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	45	0.00000000	0.0012057681	0.00000000	0.000000000	0.0000000000
##	SAMPLE	46	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	47	0.00000000	0.0000000000	0.00000000	0.000000000	0.2731519293
##	SAMPLE	48	0.58178726	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	49	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	50	0.00000000	0.0025417680	0.00000000	0.000000000	0.0000000000
##	SAMPLE	51	0.00000000	0.0000000000	14.61150540	0.000000000	0.0084375257
##	SAMPLE	52	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	53	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	54	0.00000000	0.0000000000	0.01138853	0.000000000	0.0000000000
##	SAMPLE	55	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	56	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	57	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	58	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	59	0.00000000	0.0000000000	0.00000000	0.000000000	0.0162346471
##	SAMPLE	60	0.00000000	0.0000000000	0.01988220	0.000000000	0.0000000000
##	SAMPLE	61	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	62	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	63	0.00000000	0.0000000000	0.00000000	0.000000000	0.0582983192
##	SAMPLE	64	0.00000000	0.0101164167	0.00000000	0.000000000	0.0000000000
##	SAMPLE	65	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	66	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	67	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE	68	0.00000000	0.0000000000	0.00000000	0.0000	

##	SAMPLE 85	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 86	0.00000000	0.0000000000	0.00000000	0.117858629	0.1903187781
##	SAMPLE 87	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 88	0.00000000	0.0490846588	0.00000000	0.000000000	0.0022688918
##	SAMPLE 89	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 90	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 91	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 92	0.00000000	0.0643545517	0.00000000	0.000000000	0.0000000000
##	SAMPLE 93	0.00000000	0.0000000000	0.00000000	0.000000000	0.1626767900
##	SAMPLE 94	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 95	0.00000000	0.0000000000	0.00000000	0.000000000	0.0251082830
##	SAMPLE 96	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 97	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 98	0.03937053	0.0000000000	0.00000000	0.002446674	0.0000000000
##	SAMPLE 99	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 100	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 101	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 102	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 103	0.00000000	0.0201573626	0.00000000	0.000000000	0.0022010444
##	SAMPLE 104	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 105	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 106	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 107	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 108	0.00000000	0.0005987395	0.00000000	0.000000000	0.0000000000
##	SAMPLE 109	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 110	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 111	0.00000000	0.0564100854	0.00000000	0.000000000	0.0000000000
##	SAMPLE 112	0.00000000	0.0000000000	0.00000000	0.000000000	0.5192078246
##	SAMPLE 113	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 114	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 115	0.00000000	0.0273130389	0.00000000	0.000000000	0.1430290321
##	SAMPLE 116	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 117	0.00000000	0.0000000000	0.00000000	0.000000000	0.0035999739
##	SAMPLE 118	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 119	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 120	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##	SAMPLE 121	0.00000000	0.0000000000	0.00000000	0.000000000	0.0000000000
##		OTU 734	OTU 736	OTU 738	OTU 740	OTU 742
##	SAMPLE 1	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 2	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 3	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 4	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 5	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 6	0.000000000	0.000000000	0.0000000000	1.887132e-02	0.00000000
##	SAMPLE 7	0.000000000	0.000000000	0.0000000000	1.287724e+01	0.00000000
##	SAMPLE 8	0.000000000	0.000000000	0.0054893854	1.760398e-03	0.00000000
##	SAMPLE 9	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 10	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 11	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 12	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 13	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 14	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 15	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 16	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 17	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000
##	SAMPLE 18	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.00000000

##	SAMPLE	19	0.000000000	0.000000000	0.0831995349	0.000000e+00	0.000000000
##	SAMPLE	20	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	21	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	22	0.000000000	0.000000000	0.0000000000	2.859689e-02	0.000000000
##	SAMPLE	23	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	24	0.000000000	0.000000000	0.0000000000	1.257164e-01	0.000000000
##	SAMPLE	25	0.011087276	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	26	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	27	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	28	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	29	0.010285650	0.000000000	0.0004910005	0.000000e+00	0.000000000
##	SAMPLE	30	0.000000000	0.000000000	0.0048838536	0.000000e+00	0.000000000
##	SAMPLE	31	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	32	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	33	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	34	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	35	0.001822855	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	36	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	37	0.178469931	0.000000000	0.0091984028	0.000000e+00	0.000000000
##	SAMPLE	38	0.007745277	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	39	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	40	0.000000000	0.156812275	0.0016916995	0.000000e+00	0.000000000
##	SAMPLE	41	0.000475091	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	42	0.000000000	0.000000000	0.0322838953	0.000000e+00	0.000000000
##	SAMPLE	43	0.000000000	0.027284677	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	44	0.000000000	0.000000000	0.0000000000	7.904303e-02	0.000000000
##	SAMPLE	45	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	46	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	47	0.000000000	0.000000000	0.0000000000	5.365326e-02	0.000000000
##	SAMPLE	48	0.000000000	0.344141924	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	49	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	50	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	51	0.000000000	14.889497157	0.0000000000	7.411864e-02	0.000000000
##	SAMPLE	52	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	53	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	54	0.003377516	0.023785123	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	55	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.04380654
##	SAMPLE	56	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	57	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	58	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	59	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	60	0.000000000	0.024896367	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	61	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	62	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	63	0.000000000	0.000000000	0.0126040491	2.139496e-04	0.000000000
##	SAMPLE	64	0.000000000	0.000000000	0.0117536322	0.000000e+00	0.000000000
##	SAMPLE	65	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	66	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	67	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	68	0.000000000	0.000000000	0.0000000000	1.957400e-02	0.000000000
##	SAMPLE	69	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	70	0.000000000	0.000000000	0.0000000000	2.693179e-02	0.000000000
##	SAMPLE	71	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	72	0.000000000	0.014761701	0.0254690137	2.313107e-02	0.000000000
##	SAMPLE	73	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000
##	SAMPLE	74	0.000000000	0.000000000	0.0000000000	0.000000e+00	0.000000000

[illegible]

##	SAMPLE	9	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	10	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	11	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	12	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	13	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0031583225
##	SAMPLE	14	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	15	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	16	0.1307144	0.0000000000	0.000000e+00	0.00000000	0.0025853244
##	SAMPLE	17	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.2216043727
##	SAMPLE	18	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	19	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	20	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	21	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	22	0.00000000	0.0000000000	0.000000e+00	0.4042527	0.0978922278
##	SAMPLE	23	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0040317410
##	SAMPLE	24	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0568757306
##	SAMPLE	25	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0852399012
##	SAMPLE	26	0.00000000	0.0418239111	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	27	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0010326715
##	SAMPLE	28	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0063100740
##	SAMPLE	29	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0599946699
##	SAMPLE	30	0.00000000	0.0002282755	0.000000e+00	0.00000000	0.0206619685
##	SAMPLE	31	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	32	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	33	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	34	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0131573479
##	SAMPLE	35	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0114890273
##	SAMPLE	36	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	37	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	38	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0114193619
##	SAMPLE	39	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	40	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0076808731
##	SAMPLE	41	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0019759221
##	SAMPLE	42	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	43	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0028299876
##	SAMPLE	44	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	45	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	46	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	47	0.00000000	0.0000000000	0.000000e+00	0.00000000	0.0000000000
##	SAMPLE	48	0.00000000	0.0			

##	SAMPLE	65	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	66	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0483410662
##	SAMPLE	67	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	68	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0019707134
##	SAMPLE	69	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	70	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	71	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	72	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	73	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0559986797
##	SAMPLE	74	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	75	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	76	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	77	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0233315856
##	SAMPLE	78	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	79	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0029832252
##	SAMPLE	80	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	81	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	82	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	83	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0020836527
##	SAMPLE	84	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0777287095
##	SAMPLE	85	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	86	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.1909736089
##	SAMPLE	87	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	88	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	89	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0063693317
##	SAMPLE	90	0.0000000	0.00000000000	0.000000e+00	0.2498479	0.0004159882
##	SAMPLE	91	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.1033856845
##	SAMPLE	92	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	93	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	94	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0236079380
##	SAMPLE	95	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0076024394
##	SAMPLE	96	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	97	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	98	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	99	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	100	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.0076667116
##	SAMPLE	101	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	102	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.00000000000
##	SAMPLE	103	0.0000000	0.00000000000	0.000000e+00	0.00000000	0.2024948933
##	SAMPLE						

[illegible]

[illegible]

##	SAMPLE	111	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	112	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	113	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	114	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	115	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	116	0.000000000	0.000000000	0.000000000	0.038904355	0.000000000
##	SAMPLE	117	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	118	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	119	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	120	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	121	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##			OTU 763	OTU 765	OTU 767	OTU 769	OTU 771
##	SAMPLE	1	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	2	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	3	0.000000000	0.0017547842	0.000000000	0.000000000	0.001277684
##	SAMPLE	4	0.632378309	0.0343766651	0.000000000	0.000000000	0.000000000
##	SAMPLE	5	0.000000000	0.0360585826	0.0072250317	0.000000000	0.000000000
##	SAMPLE	6	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	7	0.000000000	0.0093215676	0.0150280267	0.000000000	0.000000000
##	SAMPLE	8	0.000000000	0.000000000	0.000000000	0.000000000	0.014085936
##	SAMPLE	9	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	10	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	11	0.000000000	0.000000000	0.000000000	0.000000000	0.005179335
##	SAMPLE	12	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	13	0.000000000	0.0002711046	0.000000000	0.000000000	0.000000000
##	SAMPLE	14	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	15	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	16	0.000000000	0.000000000	0.000000000	0.000000000	0.006589677
##	SAMPLE	17	0.000000000	0.000000000	0.0039031218	0.000000000	0.001947808
##	SAMPLE	18	0.000000000	0.000000000	0.000000000	0.0024577472	0.000000000
##	SAMPLE	19	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	20	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	21	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	22	0.000000000	0.000000000	0.000000000	0.000000000	12.022719259
##	SAMPLE	23	0.000000000	0.0032924347	0.0004945568	0.000000000	0.002662224
##	SAMPLE	24	0.000000000	0.0265654341	0.0090545350	0.000000000	0.233980021
##	SAMPLE	25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	26	0.000000000	0.000000000	0.000000000	0.000000000	0.006609876
##	SAMPLE	27	0.000000000	0.000000000	0.0053055096	0.000000000	0.144844957
##	SAMPLE	28	0.000000000	0.000000000	0.000000000	0.000000000	0.139986931
##	SAMPLE	29	0.003306447	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	34	0.000000000	0.000000000	0.0040269951	0.000000000	0.000000000
##	SAMPLE	35	0.000000000	0.000000000	0.0100733780	0.000000000	0.016299032
##	SAMPLE	36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	38	0.000000000	0.000000000	0.0049906794	0.000000000	0.000000000
##	SAMPLE	39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	40	0.000000000	0.0035990326	0.000000000	0.000000000	0.010987403
##	SAMPLE	41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	42	0.000000000	0.000000000	0.0116359967	0.000000000	0.000000000
##	SAMPLE	43	0.000000000	0.000000000	0.000000000	0.000000000	0.100714338
##	SAMPLE	44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE	45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	46	0.000000000	0.0054556341	0.000000000	0.000000000	0.000000000
##	SAMPLE	47	0.000000000	0.000000000	0.0097615583	0.000000000	0.000000000
##	SAMPLE	48	0.000000000	0.0005079148	0.000000000	0.000000000	0.000000000
##	SAMPLE	49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	51	0.041800765	0.000000000	0.000000000	0.000000000	0.002276018
##	SAMPLE	52	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	53	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	54	0.000000000	0.0006811122	0.0027568151	0.000000000	0.009656506
##	SAMPLE	55	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	56	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	57	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	58	0.000000000	0.000000000	0.000000000	0.000000000	0.205672279
##	SAMPLE	59	0.000000000	0.000000000	0.000000000	0.000000000	0.108229991
##	SAMPLE	60	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	61	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	62	0.000000000	0.000000000	0.000000000	0.000000000	0.014514245
##	SAMPLE	63	0.000000000	0.000000000	0.0009861646	0.000000000	0.266744870
##	SAMPLE	64	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	65	0.000000000	0.000000000	0.000000000	0.000000000	0.001454086
##	SAMPLE	66	0.000000000	0.000000000	0.000000000	0.000000000	0.009482528
##	SAMPLE	67	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	68	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	69	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	70	0.000000000	0.0591951224	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.021722965	0.000000000	0.0165474242	0.000000000	0.147915839
##	SAMPLE	73	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	74	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	75	0.000000000	0.1206690251	0.000000000	0.0005643437	0.000000000
##	SAMPLE	76	0.000000000	0.0191018321	0.0405019952	0.000000000	0.000000000
##	SAMPLE	77	0.000000000	0.000000000	0.000000000	0.0895515061	0.000000000
##	SAMPLE	78	0.000000000	0.0037214112	0.000000000	0.000000000	0.000000000
##	SAMPLE	79	0.000000000	0.000000000	0.000000000	0.0108268430	0.000000000
##	SAMPLE	80	0.000000000	0.000000000	0.0008197893	0.000000000	0.000000000
##	SAMPLE	81	0.000000000	0.0020137492	0.000000000	0.000000000	0.005331402
##	SAMPLE	82	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	83	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	84	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	85	0.000000000	0.0061050555	0.000000000	0.000000000	0.000000000
##	SAMPLE	86	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	87	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	0.000000000	0.0047686784	0.000000000	0.000000000	0.001172488
##	SAMPLE	89	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	90	0.000000000	0.0015021091	0.000000000	0.000000000	0.000000000
##	SAMPLE	91	0.000000000	0.0014443273	0.000000000	0.000000000	0.001915493
##	SAMPLE	92	0.000000000	0.0060750219	0.000000000	0.000000000	0.057263650
##	SAMPLE	93	0.000000000	0.000000000	0.000000000	0.000000000	0.033780629
##	SAMPLE	94	0.000000000	0.000000000	0.000000000	0.0005505991	0.000000000
##	SAMPLE	95	0.000000000	0.000000000	0.000000000	0.000000000	0.010094378
##	SAMPLE	96	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	97	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.000000000	0.000000000	0.0012767633	0.000000000	0.000000000
##	SAMPLE	99	0.000000000	0.000000000	0.0009666188	0.000000000	0.000000000
##	SAMPLE	100	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE	101	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	102	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	103	0.000000000	0.000000000	0.000000000	0.000000000	0.075234186
##	SAMPLE	104	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	105	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	106	0.000000000	0.0148904152	0.000000000	0.000000000	0.000000000
##	SAMPLE	107	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	108	0.000000000	0.0118272228	0.000000000	0.000000000	0.553329455
##	SAMPLE	109	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	110	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	111	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	112	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	113	0.000000000	0.000000000	0.000000000	0.000000000	0.031985849
##	SAMPLE	114	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	115	0.000000000	0.000000000	0.000000000	0.000000000	0.127976804
##	SAMPLE	116	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	117	0.000000000	0.000000000	0.000000000	0.000000000	0.004891851
##	SAMPLE	118	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	119	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	120	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	121	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##			OTU 773	OTU 775	OTU 777	OTU 779	OTU 782
##	SAMPLE	1	0.000000000	0.0086089142	0.000000000	0.000000000	0.000000000
##	SAMPLE	2	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	3	0.000000000	0.0114535804	0.000000000	0.000000000	0.000000000
##	SAMPLE	4	0.000000000	0.000000000	0.000000000	0.0041170348	0.000000000
##	SAMPLE	5	0.000000000	0.1690241823	0.000000000	0.000000000	0.000000000
##	SAMPLE	6	0.000000000	0.000000000	0.000000000	0.0546270996	0.000000000
##	SAMPLE	7	0.000000000	0.0370791424	0.000000000	0.000000000	0.000000000
##	SAMPLE	8	0.000000000	0.0072146177	0.000000000	0.000000000	0.0761701607
##	SAMPLE	9	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	10	0.000000000	0.0425872291	0.000000000	0.000000000	0.000000000
##	SAMPLE	11	0.000000000	0.0037544490	0.000000000	0.000000000	0.000000000
##	SAMPLE	12	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	13	0.000000000	0.0009936909	0.000000000	0.000000000	0.0065632749
##	SAMPLE	14	0.000000000	0.0057093346	0.000000000	0.000000000	0.000000000
##	SAMPLE	15	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	16	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	17	0.0002266844	0.0337370233	0.000000000	0.000000000	0.000000000
##	SAMPLE	18	0.000000000	0.000000000	0.000000000	0.0319369775	0.000000000
##	SAMPLE	19	0.000000000	0.0322896809	0.000000000	0.000000000	0.000000000
##	SAMPLE	20	0.000000000	0.0117767270	0.000000000	0.000000000	0.000000000
##	SAMPLE	21	0.000000000	0.0027745772	0.000000000	0.000000000	0.000000000
##	SAMPLE	22	0.000000000	0.0695633463	0.1900615113	0.0196690761	0.000000000
##	SAMPLE	23	0.000000000	0.0295690280	0.0002885212	0.000000000	0.000000000
##	SAMPLE	24	0.000000000	0.2646016810	0.1242275970	0.3308415947	0.000000000
##	SAMPLE	25	0.000000000	0.0008698650	0.000000000	0.000000000	0.000000000
##	SAMPLE	26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	27	0.0006001956	0.0069707240	0.000000000	0.0039018018	0.000000000
##	SAMPLE	28	0.000000000	0.0002870005	0.000000000	0.000000000	0.000000000
##	SAMPLE	29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	30	0.000000000	0.0030646860	0.000000000	0.000000000	0.0001014622
##	SAMPLE	31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE	35	0.0006437402	0.0506295867	0.0000000000	0.0242103293	0.0000000000
##	SAMPLE	36	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	37	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	38	0.0000000000	0.0233419145	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	39	0.0000000000	0.4237251932	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	40	0.0000000000	0.0000000000	0.0000000000	0.1386866830	0.0000000000
##	SAMPLE	41	0.0000000000	0.0305329299	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	42	0.0196504260	0.0679602162	0.0000000000	0.0223157582	0.0000000000
##	SAMPLE	43	0.0000000000	0.4617864749	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	44	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	45	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	46	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	47	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	48	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	49	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	50	0.0000000000	0.0232716254	0.0000000000	0.0005219153	0.0000000000
##	SAMPLE	51	0.0000000000	0.0000000000	0.0000000000	0.0061413645	0.0000000000
##	SAMPLE	52	0.0000000000	0.0291052634	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	53	0.0000000000	0.0279362984	0.0000000000	0.0000000000	0.0003649157
##	SAMPLE	54	0.0000000000	0.0307923596	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	55	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	56	0.0000000000	0.0000000000	0.0000000000	0.0062663428	0.0000000000
##	SAMPLE	57	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	58	0.0000000000	0.0124526106	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	59	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	60	0.0000000000	0.0054316680	0.0000000000	0.0023117191	0.0000000000
##	SAMPLE	61	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	62	0.0000000000	0.0604750792	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	63	0.0000000000	0.0007723801	0.1119080420	0.0046608544	0.0000000000
##	SAMPLE	64	0.0000000000	0.1339829346	0.0000000000	0.0028596951	0.0000000000
##	SAMPLE	65	0.0000000000	0.0006083297	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	66	0.0000000000	0.0082583725	0.0000000000	0.0015866789	0.0000000000
##	SAMPLE	67	0.0000000000	0.0101085393	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	68	0.0000000000	0.0619697642	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	69	0.0000000000	0.0180043640	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	70	0.0000000000	0.0000000000	0.1414181958	0.0000000000	0.0000000000
##	SAMPLE	71	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	72	0.0000000000	0.1129896404	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	73	0.0000000000	0.0000000000	0.0000000000	0.0515072135	0.0000000000
##	SAMPLE	74	0.0000000000	0.0268377039	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	75	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	76	0.0000000000	0.0056134783	0.0000000000	0.0089079549	0.0000000000
##	SAMPLE	77	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	78	0.0000000000	0.0000000000	0.0000000000	0.0108156369	0.0000000000
##	SAMPLE	79	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	80	0.0000000000	0.0177156731	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	81	0.0000000000	0.0000000000	0.0000000000	0.0024465579	0.0000000000
##	SAMPLE	82	0.0000000000	0.0089726775	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	83	0.0000000000	0.0347688139	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	84	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	85	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	86	0.0000000000	0.0091864069	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	87	0.0000000000	0.0044124108	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	88	0.0000000000	0.0053771329	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	89	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	90	0.0000000000	0.0083403049	0.0000000000	0.0000000000	0.0000000000

##	SAMPLE 91	0.0000000000	0.0280099940	0.0000000000	0.0022098588	0.0000000000
##	SAMPLE 92	0.0000000000	0.0011854388	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 93	0.0000000000	0.0044289635	0.0071840941	0.0000000000	0.0000000000
##	SAMPLE 94	0.0000000000	0.0019807395	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 95	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 96	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 97	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 98	0.0000000000	0.0068333294	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 99	0.0000000000	0.0039780403	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 100	0.0000000000	0.0028224308	0.0000000000	0.0031761998	0.0000000000
##	SAMPLE 101	0.0000000000	0.0000000000	0.0000000000	0.0009673975	0.0000000000
##	SAMPLE 102	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 103	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 104	0.0000000000	0.0078560483	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 105	0.0000000000	0.0061873058	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 106	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 107	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0266276974
##	SAMPLE 108	0.0000000000	0.0640295223	0.2548477679	0.0000000000	0.0000000000
##	SAMPLE 109	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 110	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 111	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 112	0.0000000000	0.0000000000	0.0105902615	0.0000000000	0.0000000000
##	SAMPLE 113	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0086106161
##	SAMPLE 114	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 115	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 116	0.0000000000	0.0448884372	0.0000000000	0.0010048490	0.0000000000
##	SAMPLE 117	0.0000000000	0.0000000000	0.0048918509	0.0000000000	0.0000000000
##	SAMPLE 118	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 119	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 120	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 121	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##		OTU 785	OTU 789	OTU 791	OTU 796	OTU 798
##	SAMPLE 1	0.0000000000	0.00000000	0.0000000000	0.0048960493	0.000000
##	SAMPLE 2	0.0250284970	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 3	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 4	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 5	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 6	0.0000000000	0.00000000	0.2729735113	0.0000000000	0.000000
##	SAMPLE 7	0.0109916749	0.00000000	0.0000000000	0.0013716608	0.000000
##	SAMPLE 8	0.0769206937	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 9	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 10	0.0280706639	0.00000000	0.0000000000	0.0002227710	0.000000
##	SAMPLE 11	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 12	0.0245409055	0.00000000	0.0000000000	0.0091927208	0.000000
##	SAMPLE 13	0.0024244190	0.00000000	0.0000000000	0.0005292311	0.000000
##	SAMPLE 14	0.0000000000	0.00000000	0.4649778366	0.0000000000	0.000000
##	SAMPLE 15	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 16	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 17	0.0000000000	0.00000000	0.0000000000	0.0010196753	0.000000
##	SAMPLE 18	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 19	0.0000000000	0.47870576	0.0003189147	0.0000000000	0.000000
##	SAMPLE 20	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 21	0.0000000000	0.00000000	0.0000000000	0.0034100843	0.000000
##	SAMPLE 22	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 23	0.0305824094	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE 24	0.0005200179	0.00000000	0.0000000000	0.0000000000	0.000000

##	SAMPLE	25	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	26	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	27	0.0000000000	0.00000000	0.0000000000	0.0001675327	0.000000
##	SAMPLE	28	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	29	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	30	0.0000000000	0.00000000	0.0000000000	0.0193565925	0.637862
##	SAMPLE	31	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	32	0.0000000000	0.00000000	0.0000000000	0.0028791784	0.000000
##	SAMPLE	33	0.0000000000	0.00000000	0.0347916578	0.0000000000	0.000000
##	SAMPLE	34	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	35	0.0008105682	0.00000000	0.0000000000	0.0034998048	0.000000
##	SAMPLE	36	0.0000000000	0.00000000	0.0049172795	0.0000000000	0.000000
##	SAMPLE	37	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	38	0.0000000000	0.00000000	0.0304226844	0.0000000000	0.000000
##	SAMPLE	39	0.0028699041	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	40	0.0000000000	0.00000000	0.0000000000	0.0002557641	0.000000
##	SAMPLE	41	0.0000000000	0.00000000	0.0247485823	0.0000000000	0.000000
##	SAMPLE	42	0.0000000000	0.00000000	0.4092711042	0.0000000000	0.000000
##	SAMPLE	43	0.0009869231	0.00000000	0.0000000000	0.0093684355	0.000000
##	SAMPLE	44	0.0000000000	0.00000000	0.0000000000	0.0020121324	0.000000
##	SAMPLE	45	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	46	0.0000000000	0.00000000	0.0158465927	0.0006580039	0.000000
##	SAMPLE	47	0.0070140299	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	48	0.0000000000	0.00000000	0.0000000000	0.0320588890	0.000000
##	SAMPLE	49	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	50	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.206921
##	SAMPLE	51	0.0117134871	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	52	0.4768857733	0.01867582	0.0000000000	0.0000000000	0.000000
##	SAMPLE	53	0.0000000000	0.00000000	0.0000000000	0.0077478063	0.000000
##	SAMPLE	54	0.0413190890	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	55	0.0031321813	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	56	0.0000000000	0.00000000	0.0000000000	0.0000000000	11.708960
##	SAMPLE	57	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	58	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	59	0.0000000000	0.00000000	0.0000000000	0.0094617611	0.000000
##	SAMPLE	60	0.0000000000	0.00000000	0.0000000000	0.0042179776	0.000000
##	SAMPLE	61	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	62	0.0000000000	0.00000000	0.3893357736	0.0000000000	0.000000
##	SAMPLE	63	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	64	0.0000000000	0.00000000	0.0000000000	0.0125452904	0.000000
##	SAMPLE	65	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	66	0.0036355594	0.00000000	0.0000000000	0.0025550781	0.000000
##	SAMPLE	67	0.0000000000	0.00000000	0.0432280178	0.0000000000	0.000000
##	SAMPLE	68	0.4621030075	0.00000000	0.0000000000	0.0559605337	0.000000
##	SAMPLE	69	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	70	0.0000000000	0.00000000	0.0058144674	0.0000000000	0.000000
##	SAMPLE	71	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	72	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	73	0.0062695550	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	74	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	75	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	76	0.0000000000	0.00000000	0.0000000000	0.0273349332	0.000000
##	SAMPLE	77	0.0042158165	0.00000000	0.0041088546	0.0000000000	0.000000
##	SAMPLE	78	0.0009316519	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	79	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	80	0.0034048770	0.00000000	0.0000000000	0.0020806920	0.000000

##	SAMPLE	81	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	82	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	83	0.0000000000	0.00000000	0.0000000000	0.0035618529	0.000000
##	SAMPLE	84	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	85	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	86	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	87	0.0063947558	0.00000000	0.0000000000	0.0000000000	0.319413
##	SAMPLE	88	0.0000000000	0.00000000	0.0629855051	0.0000000000	0.000000
##	SAMPLE	89	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	90	0.0000000000	0.00000000	0.0215759268	0.0000000000	0.000000
##	SAMPLE	91	0.0000000000	0.00000000	0.0000000000	0.0023570093	0.000000
##	SAMPLE	92	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	93	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	94	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	95	0.0072838722	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	96	0.4929154614	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	97	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	98	0.0000000000	0.00000000	0.0000000000	0.0007147198	0.000000
##	SAMPLE	99	0.0072399431	0.00000000	0.0000000000	0.0068246742	0.000000
##	SAMPLE	100	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	101	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	102	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	103	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	104	0.0026956535	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	105	0.0005407861	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	106	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	107	0.0843147329	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	108	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	109	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	110	0.0541171085	0.00000000	0.0000000000	0.0000000000	0.613293
##	SAMPLE	111	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	112	0.3749370792	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	113	0.0108056004	0.00000000	0.0000000000	0.0091566403	0.000000
##	SAMPLE	114	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	115	0.0076043901	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	116	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	117	0.0000000000	0.00000000	0.0000000000	0.0003451133	0.000000
##	SAMPLE	118	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	119	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	120	0.1750383127	0.00000000	0.0000000000	0.0000000000	0.000000
##	SAMPLE	121	0.0000000000	0.00000000	0.0000000000	0.0000000000	0.000000
##			OTU 800	OTU 802	OTU 806	OTU 809	OTU 811 OTU 813
##	SAMPLE	1	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00 0.0000000000
##	SAMPLE	2	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00 0.0000000000
##	SAMPLE	3	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00 0.0000000000
##	SAMPLE	4	0.00000000	0.00000000	0.0000000000	0.0000000000	7.964920e-02 0.005104185
##	SAMPLE	5	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00 0.0000000000
##	SAMPLE	6	0.00000000	0.00000000	0.0000000000	0.0000000000	2.071008e-01 0.0000000000
##	SAMPLE	7	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00 0.0000000000
##	SAMPLE	8	0.00000000	0.2769733	0.0000000000	0.0000000000	0.000000e+00 0.0000000000
##	SAMPLE	9	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00 0.0000000000
##	SAMPLE	10	0.00000000	0.00000000	0.0000000000	0.003101948	8.583435e-02 0.0000000000
##	SAMPLE	11	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00 0.0000000000
##	SAMPLE	12	0.00000000	0.00000000	0.0000000000	0.0000000000	2.094798e-03 0.0000000000
##	SAMPLE	13	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00 0.0000000000
##	SAMPLE	14	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00 0.0000000000

##	SAMPLE	15	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	16	0.0000000	0.0000000	0.000000000	0.000000000	1.677706e-01	0.000000000
##	SAMPLE	17	0.0000000	0.0000000	0.000000000	0.000000000	5.865889e-03	0.000000000
##	SAMPLE	18	0.0000000	0.0000000	0.000000000	0.000000000	1.004024e-02	0.000000000
##	SAMPLE	19	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	20	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	21	0.0000000	0.3814995	0.000000000	0.000000000	6.999701e-03	0.000000000
##	SAMPLE	22	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	23	0.0000000	0.0000000	0.000000000	0.000000000	3.004779e-03	0.000000000
##	SAMPLE	24	0.0000000	0.0000000	0.000000000	0.000000000	1.873173e-02	0.000000000
##	SAMPLE	25	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	26	0.0000000	0.0000000	0.000000000	0.000000000	6.394624e-02	0.000000000
##	SAMPLE	27	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	28	0.0000000	0.0000000	0.004296383	0.099568986	0.000000e+00	0.000000000
##	SAMPLE	29	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	30	0.0000000	9.6586996	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	31	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	32	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	33	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	34	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	35	0.0000000	0.0000000	0.000000000	0.006015894	7.271577e-04	0.000000000
##	SAMPLE	36	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	37	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	38	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	39	0.1538831	0.0000000	0.000000000	0.000000000	7.914349e-01	0.000000000
##	SAMPLE	40	0.0000000	0.0000000	0.000000000	0.000000000	1.455918e-02	0.000000000
##	SAMPLE	41	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	42	0.0000000	0.0000000	0.000000000	0.000000000	2.899302e-01	0.076431785
##	SAMPLE	43	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	44	0.0000000	0.0000000	0.000000000	0.001280916	4.393561e-04	0.011010923
##	SAMPLE	45	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	46	0.0000000	0.0000000	0.000000000	0.000000000	2.270486e-02	0.000000000
##	SAMPLE	47	0.0000000	0.0000000	0.000000000	0.000000000	3.905429e-02	0.000000000
##	SAMPLE	48	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	49	0.0000000	0.0000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	50	0.0000000					

##	SAMPLE	71	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	72	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	73	0.00000000	0.00000000	0.0000000000	0.004548593	5.415112e-04	0.0000000000
##	SAMPLE	74	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	75	0.00000000	0.00000000	0.0000000000	0.047006125	1.369688e+01	0.503639286
##	SAMPLE	76	0.00000000	0.00000000	0.0000000000	0.0000000000	1.441026e-03	0.0000000000
##	SAMPLE	77	0.00000000	0.00000000	0.0000000000	0.0000000000	1.669898e-02	0.0000000000
##	SAMPLE	78	0.00000000	0.00000000	0.0000000000	0.002048490	0.000000e+00	0.0000000000
##	SAMPLE	79	0.00000000	0.00000000	0.0000000000	0.0000000000	1.665244e-02	0.0000000000
##	SAMPLE	80	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	81	0.00000000	0.00000000	0.0000000000	0.0000000000	2.296192e-04	0.0000000000
##	SAMPLE	82	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	83	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	84	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	85	0.00000000	0.00000000	0.0000000000	0.0000000000	3.095830e-01	0.0000000000
##	SAMPLE	86	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	87	0.00000000	0.1676030	0.0000000000	0.0000000000	2.068703e-02	0.0000000000
##	SAMPLE	88	0.00000000	0.00000000	0.0000000000	0.0000000000	1.078724e-02	0.0000000000
##	SAMPLE	89	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	90	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	91	0.00000000	0.00000000	0.0000000000	0.0000000000	9.351053e-03	0.0000000000
##	SAMPLE	92	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	93	0.00000000	0.00000000	0.0000000000	0.0000000000	3.613194e-01	0.0000000000
##	SAMPLE	94	0.00000000	0.00000000	0.0000000000	0.0000000000	3.251079e-02	0.0000000000
##	SAMPLE	95	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	96	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	97	0.00000000	0.00000000	0.0000000000	0.0000000000	3.065657e-03	0.0000000000
##	SAMPLE	98	0.00000000	0.00000000	0.0000000000	0.0000000000	1.136308e-02	0.0000000000
##	SAMPLE	99	0.00000000	0.00000000	0.0000000000	0.0000000000	3.397293e-04	0.0000000000
##	SAMPLE	100	0.00000000	0.00000000	0.0000000000	0.0000000000	1.213715e-02	0.0000000000
##	SAMPLE	101	0.00000000	0.00000000	0.0000000000	0.0000000000	2.187819e-02	0.0000000000
##	SAMPLE	102	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	103	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	104	0.00000000	0.00000000	0.0000000000	0.0000000000	0.000000e+00	

##	SAMPLE 5	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 6	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 7	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 8	0.0051823656	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 9	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 10	0.0000000000	0.004039289	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 11	0.0000000000	0.0000000000	0.0000000000	0.329466792	0.0000000000
##	SAMPLE 12	0.0000000000	0.0000000000	0.0000000000	0.037358685	0.0000000000
##	SAMPLE 13	0.0000000000	0.091947086	0.0000000000	0.026740484	0.0000000000
##	SAMPLE 14	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 15	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 16	0.0000000000	0.056985106	0.0021488373	0.0000000000	0.0000000000
##	SAMPLE 17	0.0135109200	0.0000000000	0.0000000000	0.0000000000	0.06133224
##	SAMPLE 18	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 19	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.03232531
##	SAMPLE 20	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 21	0.0000000000	0.0000000000	0.0000000000	0.216006128	0.0000000000
##	SAMPLE 22	0.0000000000	0.0000000000	0.0117128544	0.0000000000	0.0000000000
##	SAMPLE 23	0.0111910952	0.066087959	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 24	0.0000000000	0.110803217	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 25	0.0000000000	0.0000000000	0.0000000000	0.056002437	0.0000000000
##	SAMPLE 26	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 27	0.0009629299	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 28	0.0000000000	0.0000000000	0.0018414133	0.0000000000	0.0000000000
##	SAMPLE 29	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 30	0.0000000000	0.691509011	0.0000000000	0.011789228	0.0000000000
##	SAMPLE 31	0.0000000000	0.047599515	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 32	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 33	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 34	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 35	0.0000000000	0.005731372	0.0000000000	0.008549317	0.0000000000
##	SAMPLE 36	0.0000000000	0.007077871	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 37	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 38	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 39	0.0000000000	0.128000077	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 40	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 41	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 42	0.0021874584	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 43	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 44	0.0309136631	0.749828531	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 45	0.0000000000	0.0000000000	0.0000000000	0.071168474	0.0000000000
##	SAMPLE 46	0.0000000000	0.110753368	0.0002340065	0.0000000000	0.0000000000
##	SAMPLE 47	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 48	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 49	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 50	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 51	0.0013959618	0.003235196	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 52	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.84680095
##	SAMPLE 53	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 54	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 55	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 56	0.0000000000	0.094481667	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 57	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 58	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 59	0.0000000000	0.0000000000	0.0000000000	0.035566480	0.0000000000
##	SAMPLE 60	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000

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##	SAMPLE	117	0.0000000000	0.0000000000	0.0047141686	0.014287583	0.000000000
##	SAMPLE	118	0.0000000000	0.0000000000	0.0000000000	0.000000000	0.000000000
##	SAMPLE	119	0.0000000000	0.0000000000	0.0000000000	0.000000000	0.000000000
##	SAMPLE	120	0.0157176831	0.0000000000	0.0000000000	0.000000000	0.000000000
##	SAMPLE	121	0.0000000000	0.0000000000	0.0000000000	0.000000000	0.000000000
##			OTU 827	OTU 828	OTU 834	OTU 836	OTU 838
##	SAMPLE	1	0.0000000000	0.0000000000	0.0042456348	0.0000000000	0.000000000
##	SAMPLE	2	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	3	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	4	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	5	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	6	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	7	0.0000000000	0.0000000000	0.0013859390	0.0000000000	0.000000000
##	SAMPLE	8	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	9	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	10	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	11	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	12	0.0000000000	0.0000000000	0.0084356180	0.0000000000	0.000000000
##	SAMPLE	13	0.0000000000	0.0000000000	0.0136188445	0.0000000000	0.000000000
##	SAMPLE	14	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	15	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	16	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	17	0.0000000000	0.075737825	0.0401387303	0.0000000000	0.000000000
##	SAMPLE	18	0.0000000000	0.0000000000	0.0000000000	0.0049587705	0.000000000
##	SAMPLE	19	0.134879950	0.169815263	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	20	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	21	0.0000000000	0.001502350	0.0047636862	0.0000000000	0.000000000
##	SAMPLE	22	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	23	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	24	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	25	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	26	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	27	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	28	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	29	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	30	0.002425929	0.162912472	0.2472754776	0.0000000000	0.000000000
##	SAMPLE	31	0.039905155	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	32	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	33	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	34	0.0000000000	0.021170190	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	35	0.0000000000	0.0000000000	0.0178816208	0.0411187523	0.000000000
##	SAMPLE	36	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	37	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	38	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	39	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	40	0.0000000000	0.0000000000	0.0125403494	0.0000000000	0.000000000
##	SAMPLE	41	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	42	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	43	0.0000000000	0.006709782	0.0379959262	0.0000000000	0.000000000
##	SAMPLE	44	0.0000000000	0.0000000000	0.0484529127	0.0000000000	0.000000000
##	SAMPLE	45	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	46	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	47	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	48	0.060758077	0.033693502	0.1292700573	0.0009521288	0.000000000
##	SAMPLE	49	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	50	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000

##	SAMPLE	51	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	52	0.000000000	0.506571844	0.000000000	0.000000000	0.000000000
##	SAMPLE	53	0.000000000	0.006385637	0.0460319686	0.000000000	0.000000000
##	SAMPLE	54	0.000000000	0.083314086	0.000000000	0.2083604325	0.000000000
##	SAMPLE	55	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	56	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	57	0.007345581	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	58	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	59	0.000000000	0.000000000	0.0539348852	0.000000000	0.000000000
##	SAMPLE	60	0.016295917	0.000000000	0.0032100472	0.000000000	0.000000000
##	SAMPLE	61	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	62	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	63	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	64	0.000000000	0.000000000	0.0063118993	0.000000000	0.000000000
##	SAMPLE	65	0.002186937	0.001189864	0.000000000	0.0341485035	0.000000000
##	SAMPLE	66	0.000000000	0.036673586	0.000000000	0.000000000	0.000000000
##	SAMPLE	67	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	68	0.000000000	0.000000000	0.0623733012	0.000000000	0.000000000
##	SAMPLE	69	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	70	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	73	0.000000000	0.000000000	0.000000000	0.0009324204	0.000000000
##	SAMPLE	74	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	75	0.000000000	0.000000000	0.000000000	0.000000000	0.004070693
##	SAMPLE	76	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	77	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	78	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	79	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	80	0.000000000	0.000000000	0.0096129023	0.000000000	0.000000000
##	SAMPLE	81	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	82	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	83	0.000000000	0.000000000	0.0064335116	0.000000000	0.000000000
##	SAMPLE	84	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	85	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	86	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	87	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	89	0.000000000	0.572664355	0.000000000	0.000000000	0.000000000
##	SAMPLE	90	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	91	0.000000000	0.000000000	0.0042826828	0.000000000	0.000000000
##	SAMPLE	92	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	93	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	94	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	95	0.000000000	0.011505487	0.000000000	0.000000000	0.000000000
##	SAMPLE	96	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	97	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.000000000	0.005482051	0.0074966512	0.000000000	0.000000000
##	SAMPLE	99	0.000000000	0.030743731	0.0169365951	0.000000000	0.000000000
##	SAMPLE	100	0.000000000	0.000000000	0.0006849575	0.000000000	0.000000000
##	SAMPLE	101	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	102	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	103	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	104	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	105	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	106	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE	107	0.007998386	0.047420492	0.000000000	0.000000000	0.000000000
##	SAMPLE	108	0.000000000	0.000000000	0.0042481434	0.000000000	0.000000000
##	SAMPLE	109	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	110	0.002686266	0.003562739	0.000000000	0.000000000	0.000000000
##	SAMPLE	111	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	112	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	113	0.175116741	0.004996810	0.1588932551	0.000000000	0.000000000
##	SAMPLE	114	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	115	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	116	0.000000000	0.000000000	0.0199189313	0.000000000	0.000000000
##	SAMPLE	117	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	118	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	119	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	120	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	121	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##			OTU 840	OTU 843	OTU 846	OTU 849	OTU 851
##	SAMPLE	1	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	2	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	3	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	4	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	5	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	6	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	7	0.000000000	0.000000000	0.000000000	0.00000000	0.2538700
##	SAMPLE	8	0.000000000	0.000000000	0.000000000	0.00000000	0.7965687
##	SAMPLE	9	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	10	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	11	0.004673203	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	12	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	13	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	14	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	15	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	16	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	17	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	18	0.000000000	0.000000000	0.007683024	0.00000000	0.00000000
##	SAMPLE	19	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	20	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	21	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	22	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	23	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	24	0.000000000	0.000000000	0.000000000	0.00000000	0.00000000
##	SAMPLE	25	0.000000000	0.0000			

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##	SAMPLE	31	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	32	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	33	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	34	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	35	0.0000000000	0.004485632	0.00000000	0.00000000	0.00000000
##	SAMPLE	36	0.0008729359	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	37	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	38	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	39	0.0000000000	12.942663826	0.00000000	0.00000000	0.00000000
##	SAMPLE	40	0.0000000000	0.097006953	0.00000000	0.00000000	0.00000000
##	SAMPLE	41	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	42	0.0000000000	12.229108621	0.00000000	0.00000000	0.00000000
##	SAMPLE	43	0.0000000000	0.0000000000	0.00000000	0.00000000	0.45631699
##	SAMPLE	44	0.0000000000	0.026370389	0.00000000	0.00000000	0.00000000
##	SAMPLE	45	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	46	0.0000000000	0.660459865	0.4370615	0.00000000	0.00000000
##	SAMPLE	47	0.0000000000	0.079693506	0.00000000	0.00000000	0.00000000
##	SAMPLE	48	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	49	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	50	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	51	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	52	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	53	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	54	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	55	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	56	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	57	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	58	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	59	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	60	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	61	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	62	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	63	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	64	0.0000000000	0.002178308	0.00000000	0.00000000	0.00000000
##	SAMPLE	65	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	66	0.0000000000	0.0000000000	0.00000000	0.00000000	0.12397531
##	SAMPLE	67	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	68	0.0000000000	0.138502990	0.00000000	0.00000000	0.00000000
##	SAMPLE	69	0.0040507412	0.388181643	0.00000000	0.00000000	0.00000000
##	SAMPLE	70	0.0000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	71					

##	SAMPLE 87	0.0000000000	0.118339955	0.0000000	0.0000000	0.00000000
##	SAMPLE 88	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 89	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 90	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 91	0.0000000000	0.011073715	0.0000000	0.0000000	0.00000000
##	SAMPLE 92	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 93	0.0000000000	0.463311618	0.0000000	0.0000000	0.00000000
##	SAMPLE 94	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 95	0.0000000000	0.000000000	0.0000000	0.0000000	0.28495480
##	SAMPLE 96	0.0000000000	0.000000000	0.0000000	0.0000000	0.84637857
##	SAMPLE 97	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 98	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 99	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 100	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 101	0.0000000000	0.005074300	0.0000000	0.1624484	0.00000000
##	SAMPLE 102	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 103	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 104	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 105	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 106	0.0000000000	0.225192281	0.0000000	0.0000000	0.00000000
##	SAMPLE 107	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 108	0.0000000000	0.000000000	0.0000000	0.0000000	0.30976640
##	SAMPLE 109	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 110	0.0000000000	0.049538063	0.0000000	0.0000000	0.00000000
##	SAMPLE 111	0.0000000000	0.000000000	0.0000000	0.5450846	0.00000000
##	SAMPLE 112	0.0000000000	0.000000000	0.0000000	0.0000000	0.16227734
##	SAMPLE 113	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 114	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 115	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 116	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 117	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 118	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 119	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##	SAMPLE 120	0.0000000000	0.071593703	0.0000000	0.0000000	0.00000000
##	SAMPLE 121	0.0000000000	0.000000000	0.0000000	0.0000000	0.00000000
##		OTU 868	OTU 870	OTU 872	OTU 874	OTU 876
##	SAMPLE 1	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 2	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 3	0.0000000000	6.971212e-04	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 4	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 5	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 6	0.0000000000	2.752914e-01	0.00000000	1.954403e-01	0.00000000
##	SAMPLE 7	0.0000000000	3.368633e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 8	0.0000000000	8.589523e-02	0.00000000	9.421129e-03	0.00000000
##	SAMPLE 9	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 10	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 11	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 12	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 13	0.0000000000	0.000000e+00	0.00000000	2.138357e-02	0.00000000
##	SAMPLE 14	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 15	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE 16	0.0000000000	2.387366e-02	0.00000000	2.764015e-02	0.00000000
##	SAMPLE 17	0.0000000000	5.872753e-02	0.00000000	1.788522e-02	0.00000000
##	SAMPLE 18	0.1948897357	1.605535e-02	0.01056331	0.000000e+00	0.00000000
##	SAMPLE 19	0.0000000000	1.138428e+01	0.00000000	4.773214e-01	0.2865482
##	SAMPLE 20	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000

##	SAMPLE	21	0.0010939344	3.487464e-04	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	22	0.0002698951	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	23	0.0011947605	1.635483e-02	0.00000000	9.368621e-03	0.00000000
##	SAMPLE	24	0.0000000000	6.850831e-02	0.00000000	1.747539e-02	0.00000000
##	SAMPLE	25	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	26	0.0073956442	0.000000e+00	0.01711045	0.000000e+00	0.00000000
##	SAMPLE	27	0.0000000000	0.000000e+00	0.00000000	4.268014e-02	0.00000000
##	SAMPLE	28	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	29	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.2820272
##	SAMPLE	30	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	31	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	32	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	33	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	34	0.0000000000	2.949855e-02	0.00000000	1.562722e-02	0.00000000
##	SAMPLE	35	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	36	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	37	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	38	0.0000000000	1.937487e-02	0.00000000	4.083939e-03	0.00000000
##	SAMPLE	39	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	40	0.0000000000	2.785520e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	41	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	42	0.0000000000	8.119991e-02	0.00000000	6.663003e-02	0.00000000
##	SAMPLE	43	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	44	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	45	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	46	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	47	0.0000000000	6.255289e-02	0.00000000	4.799431e-02	0.00000000
##	SAMPLE	48	0.0000000000	2.569074e-01	0.00000000	7.681204e-02	0.00000000
##	SAMPLE	49	0.0000000000	9.656549e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	50	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	51	0.0013730929	2.170158e-02	0.00000000	1.084170e-02	0.00000000
##	SAMPLE	52	0.0000000000	0.000000e+00	0.00000000	1.313744e+01	0.00000000
##	SAMPLE	53	0.0000000000	2.997169e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	54	0.0000000000	1.820029e-02	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	55	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	56	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	57	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	58	0.0020070889	1.142686e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	59	0.0000000000	3.087554e-01	0.00000000	2.747367e-01	0.00000000
##	SAMPLE	60	0.0000000000	2.700293e-02	0.00000000	6.511441e-04	0.00000000
##	SAMPLE	61	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	62	0.0000000000	9.012466e-04	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	63	0.0000000000	1.430468e-02	0.00000000	4.033557e-03	0.00000000
##	SAMPLE	64	0.0000000000	1.377048e-02	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	65	0.0000000000	1.118397e+01	0.00000000	1.498442e-01	0.5939183
##	SAMPLE	66	0.0022030414	9.488770e-03	0.00000000	5.529864e-03	0.00000000
##	SAMPLE	67	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	68	0.0000000000	3.904325e-02	0.00000000	2.495481e-02	0.00000000
##	SAMPLE	69	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	70	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	71	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	72	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	73	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	74	0.0000000000	1.573469e-02	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	75	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	76	0.0105941110	1.617424e-02	0.00000000	3.191766e-03	0.00000000

##	SAMPLE	77	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	78	0.0000000000	2.370861e-02	0.00000000	2.618748e-02	0.00000000
##	SAMPLE	79	0.0000000000	1.850759e-02	0.00000000	6.012574e-03	0.00000000
##	SAMPLE	80	0.0000000000	1.314056e-01	0.00000000	2.618458e-02	0.00000000
##	SAMPLE	81	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	82	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	83	0.0000000000	4.314658e-02	0.00000000	1.492180e-02	0.3591467
##	SAMPLE	84	0.0000000000	2.816268e-01	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	85	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	86	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	87	0.0000000000	5.019922e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	88	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	89	0.0000000000	1.189376e+01	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	90	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	91	0.0010318752	4.290026e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	92	0.0000000000	3.899677e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	93	0.0000000000	1.235684e-02	0.00000000	4.514413e-03	0.00000000
##	SAMPLE	94	0.0000000000	0.000000e+00	0.00000000	3.854512e-04	0.00000000
##	SAMPLE	95	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	96	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	97	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	98	0.0000000000	9.385289e-03	0.00000000	3.626896e-03	0.00000000
##	SAMPLE	99	0.0000000000	3.587754e-01	0.00000000	1.238769e-01	11.8423987
##	SAMPLE	100	0.0018825054	2.630302e-04	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	101	0.0000000000	1.108889e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	102	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	103	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	104	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	105	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	106	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	107	0.0000000000	1.017096e-01	0.00000000	1.664744e-01	0.00000000
##	SAMPLE	108	0.0000000000	3.304774e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	109	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	110	0.0000000000	2.445582e-02	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	111	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	112	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	113	0.0000000000	1.186575e+01	0.00000000	6.991914e-01	0.00000000
##	SAMPLE	114	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	115	0.0000000000	2.704345e-02	0.00000000	4.973928e-03	0.00000000
##	SAMPLE	116	0.0000000000	2.873261e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	117	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	118	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	119	0.0000000000	0.000000e+00	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	120	0.0000000000	2.795976e-03	0.00000000	0.000000e+00	0.00000000
##	SAMPLE	121	0.0000000000	5.406541e-04	0.00000000	0.000000e+00	0.00000000
##			OTU 878	OTU 880	OTU 882	OTU 884	OTU 886
##	SAMPLE	1	0.0031253254	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	2	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	3	0.0032490824	0.0000000000	0.000000e+00	0.011198206	0.00000000
##	SAMPLE	4	0.0024168540	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	5	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	6	0.2736437879	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	7	0.0176724458	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	8	0.0017989117	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	9	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	10	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000

##	SAMPLE	11	0.0000000000	0.0000000000	8.880416e-02	0.0000000000	0.00000000
##	SAMPLE	12	0.0070989655	0.0000000000	1.655483e-02	0.0000000000	0.00000000
##	SAMPLE	13	0.0079860622	0.0000000000	1.136188e-02	0.0000000000	0.00000000
##	SAMPLE	14	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	15	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	16	0.0015544235	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	17	0.0085668471	0.0008498016	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	18	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	19	0.6353296805	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	20	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	21	0.0069160896	0.2004279652	7.048448e-01	0.0000000000	0.00000000
##	SAMPLE	22	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	23	0.0026074042	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	24	0.0334821105	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	25	0.0000000000	0.0000000000	1.673856e-02	0.0000000000	0.00000000
##	SAMPLE	26	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	27	0.0052221761	0.0000000000	0.000000e+00	0.332347643	0.00000000
##	SAMPLE	28	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	29	0.0000000000	0.0000000000	6.546138e-04	0.0000000000	0.00000000
##	SAMPLE	30	0.0984724483	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	31	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	32	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	33	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	34	0.0103432514	0.0000000000	0.000000e+00	0.029846041	0.00000000
##	SAMPLE	35	0.0001311659	0.0081827228	1.215606e-03	0.123066684	0.00000000
##	SAMPLE	36	0.0008923258	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	37	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	38	0.0027157013	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	39	0.0083366756	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	40	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	41	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	42	0.0142007785	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	43	0.0152710147	0.0348057272	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	44	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	45	0.0000000000	0.0000000000	1.047165e-02	0.0000000000	0.00000000
##	SAMPLE	46	0.0109829422	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	47	0.0000000000	0.0000000000	0.000000e+00	0.041364677	0.00000000
##	SAMPLE	48	0.0186480632	0.0000000000	0.000000e+00	0.611737644	0.5896922
##	SAMPLE	49	0.0045840312	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	50	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	51	0.0027328840	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	52	0.0052590815	0.4417623032	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	53	0.0004152384	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	54	0.0603994300	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	55	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	56	0.0234834703	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	57	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	58	0.0162701999	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	59	0.0000000000	0.0324132726	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	60	0.0000000000	0.0433924362	0.000000e+00	0.0000000000	0.2155950
##	SAMPLE	61	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	62	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	63	0.0085696255	0.0219626374	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	64	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	65	0.0123451234	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE	66	0.0095948758	0.0000000000	0.000000e+00	0.056925819	0.00000000

##	SAMPLE 67	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 68	0.0086315936	0.0551608008	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 69	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 70	0.0028332083	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 71	0.0063560999	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 72	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 73	0.0000000000	0.0197546507	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 74	0.0549920493	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 75	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 76	0.0071499514	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 77	0.0077154708	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 78	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 79	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 80	0.0282874808	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 81	0.0540728340	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 82	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 83	0.0000000000	0.0012323696	2.240733e-03	0.003091159	0.00000000
##	SAMPLE 84	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 85	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 86	0.0072448146	0.0000000000	0.000000e+00	0.002575753	0.00000000
##	SAMPLE 87	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.1543793
##	SAMPLE 88	0.0017831339	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 89	0.0044649667	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 90	0.0052608913	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 91	0.2537068586	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 92	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 93	0.0155853316	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 94	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 95	0.0191612297	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 96	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 97	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 98	0.0017214905	0.0000000000	4.335795e-04	0.0000000000	0.00000000
##	SAMPLE 99	0.0542030447	0.0000000000	1.178309e+01	0.175582620	0.00000000
##	SAMPLE 100	0.0039686760	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 101	0.0000000000	0.0000000000	0.000000e+00	0.017839859	0.00000000
##	SAMPLE 102	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 103	0.0022931291	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 104	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 105	0.0006403727	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 106	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 107	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 108	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 109	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 110	0.0000000000	0.2249471677	9.599039e-03	0.0000000000	0.00000000
##	SAMPLE 111	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 112	0.0016920366	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 113	0.0027762483	0.0000000000	0.000000e+00	0.009423195	0.00000000
##	SAMPLE 114	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 115	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 116	0.0004505744	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 117	0.0007138959	0.0000000000	2.057018e-03	0.0000000000	0.00000000
##	SAMPLE 118	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 119	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 120	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##	SAMPLE 121	0.0026524095	0.0000000000	0.000000e+00	0.0000000000	0.00000000
##		OTU 888	OTU 890	OTU 892	OTU 894	OTU 896

##	SAMPLE 1	6.133033e-02	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 2	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 3	1.853334e-02	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 4	3.326613e-03	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 5	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 6	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 7	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 8	2.459384e-02	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 9	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 10	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 11	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 12	1.316156e-02	0.003811754	0.280903448	0.046030142	1.139633e+01
##	SAMPLE 13	9.061422e-03	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 14	4.069249e-03	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 15	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 16	1.372389e-03	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 17	8.358908e-03	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 18	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 19	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 20	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 21	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 22	0.000000e+00	0.513670603	0.941729271	0.008915515	1.214112e+01
##	SAMPLE 23	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 24	0.000000e+00	0.000000000	0.000000000	0.013530439	2.749590e-02
##	SAMPLE 25	8.209506e-05	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 26	9.420082e-06	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 27	1.310802e-02	0.000000000	0.515039977	0.118605215	1.141988e+01
##	SAMPLE 28	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 29	7.358565e-03	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 30	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 31	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 32	0.000000e+00	0.000000000	0.000000000	0.000000000	3.165274e-02
##	SAMPLE 33	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 34	0.000000e+00	0.000000000	0.514249837	11.963583208	1.443005e+01
##	SAMPLE 35	5.543566e-04	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 36	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 37	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 38	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 39	2.726269e-04	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 40	1.920023e-02	0.000000000	0.000000000	0.000000000	4.339118e-03
##	SAMPLE 41	5.315835e-03	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 42	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 43	3.241880e-02	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 44	1.720345e-02	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 45	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 46	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 47	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 48	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 49	7.551097e-03	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 50	1.132290e-02	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 51	0.000000e+00	0.000000000	0.000000000	0.000000000	9.213246e-04
##	SAMPLE 52	0.000000e+00	0.000000000	0.000000000	0.000000000	2.237925e-03
##	SAMPLE 53	0.000000e+00	0.000000000	0.147117785	0.247806936	1.193011e+01
##	SAMPLE 54	1.029038e-02	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 55	6.611980e-03	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 56	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000e+00

##	SAMPLE	57	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	58	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	59	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	60	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	61	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	62	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	63	2.971399e-04	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	64	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	65	0.000000e+00	0.000000000	0.006500517	0.028095953	1.789592e-02	
##	SAMPLE	66	1.546925e-02	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	67	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	68	5.124176e-02	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	69	3.919778e-02	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	70	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	71	1.850311e-02	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	72	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	73	9.850311e-04	0.000000000	12.190067371	0.007823357	1.166289e+01	
##	SAMPLE	74	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	75	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	76	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	77	2.931518e-03	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	78	9.440681e-04	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	79	3.665629e-03	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	80	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	81	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	82	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	83	8.490809e-03	0.000000000	0.000000000	0.000000000	3.333071e-03	
##	SAMPLE	84	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	85	2.767209e-02	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	86	3.184493e-04	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	87	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	88	5.290233e-03	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	89	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	90	4.026449e-05	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	91	3.005870e-02	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	92	0.000000e+00	0.750964710	12.748973484	0.092056112	1.220315e+01	
##	SAMPLE	93	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	94	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	95	3.926598e-02	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	96	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	97	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	98	2.633732e-03	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	99	2.390865e-02	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	100	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	101	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	102	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	103	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	104	0.000000e+00	0.000000000	12.121894954	0.063470523	1.254942e+01	
##	SAMPLE	105	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	106	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	107	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	108	1.253706e-03	0.000000000	0.702251338	0.241701895	6.989077e+00	
##	SAMPLE	109	7.660748e-03	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	110	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	111	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE	112	0.000000e+00	0.000000000	0.024098488	12.925557610	1.294371e+01	

##	SAMPLE	113	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	114	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	115	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	116	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	117	3.034680e-04	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	118	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	119	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	120	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	121	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##			OTU 897	OTU 899	OTU 902	OTU 904	OTU 906
##	SAMPLE	1	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	2	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	3	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	4	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	5	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	6	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	7	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	8	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	9	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	10	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	11	0.0000000000	0.0006385423	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	12	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	13	0.0000000000	0.0000000000	0.00000000	0.02204055	0.0000000000
##	SAMPLE	14	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	15	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	16	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	17	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	18	0.0000000000	0.0157465106	0.00000000	0.0000000000	0.004251878
##	SAMPLE	19	0.0000000000	0.0110898070	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	20	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	21	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	22	12.725227568	0.0000000000	0.4752756	0.0000000000	0.0000000000
##	SAMPLE	23	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	24	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.016507893
##	SAMPLE	25	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	26	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	27	0.0000000000	0.0000000000	0.00000000	12.83863478	0.0000000000
##	SAMPLE	28	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	29	0.0000000000	0.0000000000	0.00000000	0.0000000000	

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##	SAMPLE	103	0.045366477	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	104	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	105	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	106	0.462880701	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	107	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	108	0.000000000	0.0000000000	0.00000000	0.00000000	0.002231314
##	SAMPLE	109	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	110	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	111	0.765754679	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	112	0.000000000	0.0000000000	0.00000000	0.19453200	0.00000000
##	SAMPLE	113	0.005009558	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	114	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	115	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	116	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	117	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	118	0.281537367	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	119	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	120	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	121	0.000000000	0.0000000000	0.00000000	0.00000000	0.00000000
##			OTU 910	OTU 914	OTU 918	OTU 920	OTU 923
##	SAMPLE	1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	7	0.00459337	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	18	0.00000000	0.00000000	0.00000000	0.00000000	0.05175053
##	SAMPLE	19	0.00000000	0.00000000	0.01573791	0.00000000	0.00000000
##	SAMPLE	20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
##	SAMPLE	22	0.00000000				

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##	SAMPLE	83	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	84	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	85	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	86	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	87	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	88	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	89	0.0000000000	0.0000000000	1.888021e-02	0.007157222	0.0000000000
##	SAMPLE	90	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	91	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	92	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	93	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	94	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	95	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	96	0.0000000000	0.0000000000	4.125344e-01	0.0000000000	0.0000000000
##	SAMPLE	97	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	98	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	99	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	100	0.0000000000	0.0000000000	0.000000e+00	0.001571037	0.11035860
##	SAMPLE	101	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	102	0.0017664703	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	103	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	104	0.0000000000	0.0165086018	3.029703e-02	0.006662715	0.0000000000
##	SAMPLE	105	0.0000000000	0.0000000000	7.968273e-03	0.0000000000	0.0000000000
##	SAMPLE	106	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	107	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	108	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	109	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	110	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	111	0.0079078564	0.0058061430	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	112	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	113	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	114	0.0424626406	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	115	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	116	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	117	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	118	0.0417880670	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	119	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	120	0.0000000000	0.0000000000	0.000000e+00	0.000000	

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##	SAMPLE	119	0.0000000000	0.000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	120	0.0000000000	0.000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	121	0.0000000000	0.000000000	0.0000000000	0.0000000000	0.000000000
##			OTU 967	OTU 969	OTU 975	OTU 982	OTU 984
##	SAMPLE	1	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	2	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0236035410
##	SAMPLE	3	0.0000000000	0.059053614	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	4	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	5	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	6	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	7	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	8	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	9	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	10	0.274774583	0.000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	11	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	12	0.0000000000	0.0000000000	0.000000000	0.0014155098	0.0017760058
##	SAMPLE	13	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	14	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	15	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	16	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	17	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	18	0.0000000000	0.0000000000	0.000000000	0.0388314782	0.0000000000
##	SAMPLE	19	0.0000000000	0.0000000000	0.000000000	0.0008890279	0.0027075386
##	SAMPLE	20	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	21	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	22	0.0000000000	0.007316892	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	23	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	24	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	25	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	26	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	27	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	28	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	29	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0017237338
##	SAMPLE	30	0.0000000000	0.0000000000	0.05098434	0.0000000000	0.0000000000
##	SAMPLE	31	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	32	0.111148114	0.046543404	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	33	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0000000000
##	SAMPLE	34	0.0000000000	0.0000000000	0.000000000	0.0000000000	0.0300039509
##	SAMPLE	35	0.0000000000	0.0000000000	0.000000000	0.000	

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##	SAMPLE	105	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	106	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	107	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	108	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	109	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	110	0.012784081	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	111	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	112	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	113	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	114	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	115	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	116	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	117	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	118	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	119	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##	SAMPLE	120	0.014131239	0.000000	0.000000000	0.00000	0.02803735	0.000000
##	SAMPLE	121	0.000000000	0.000000	0.000000000	0.00000	0.00000000	0.000000
##			OTU 1056	OTU 1058	OTU 1061	OTU 1062	OTU 1065	
##	SAMPLE	1	6.683661e-04	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	2	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	3	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	4	1.209908e+01	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	5	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	6	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	7	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	8	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	9	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	10	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	11	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	12	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	13	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	14	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	15	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	16	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	17	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	18	1.335945e+01	0.06607516	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	19	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	20	0.000000e+00	0.00000000	0.0000000000	0.00000000	0.00000000	
##	SAMPLE	21	0.000000e+00	0.000000				

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##	SAMPLE 9	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 10	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 11	0.000000000	0.0083280697	0.00000000	1.359293e-02	0.0046261078
##	SAMPLE 12	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 13	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 14	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 15	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 16	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 17	0.000000000	0.0000000000	0.00000000	3.966640e-04	0.0005212973
##	SAMPLE 18	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 19	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 20	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0047296317
##	SAMPLE 21	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 22	0.000000000	0.0028381890	0.00000000	5.747285e-03	0.0000000000
##	SAMPLE 23	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 24	0.000000000	0.0000000000	0.2803383	9.555005e-04	0.0000000000
##	SAMPLE 25	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 26	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 27	0.000000000	0.0000000000	0.00000000	4.430161e-03	0.0000000000
##	SAMPLE 28	0.000000000	0.0000000000	0.00000000	1.449265e-03	0.0000000000
##	SAMPLE 29	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 30	0.001381538	0.0024828649	0.00000000	9.341956e-03	0.0000000000
##	SAMPLE 31	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 32	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 33	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 34	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 35	0.004034410	0.0010250205	0.00000000	3.380965e-03	0.0004768844
##	SAMPLE 36	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 37	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 38	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 39	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 40	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 41	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 42	0.000000000	0.0000000000	0.00000000	4.209994e-03	0.0000000000
##	SAMPLE 43	0.000000000	0.0000000000	0.00000000	4.593076e-03	0.0000000000
##	SAMPLE 44	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 45	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 46	0.000000000	0.0038249810	0.00000000	4.698876e-03	0.0000000000
##	SAMPLE 47	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 48	0.000000000	0.0000000000	0.00000000	0.000000e+00	0.0000000000
##	SAMPLE 49	0.000000000	0.0000000000	0.00		

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##	SAMPLE	35	0.000000000	0.000000000	0.0222179549	0.0000000	0.0000000000
##	SAMPLE	36	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	37	0.000000000	0.000000000	0.0007224861	0.0000000	0.0000000000
##	SAMPLE	38	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	39	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	40	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	41	0.000000000	0.000000000	0.0108703912	0.0000000	0.0000000000
##	SAMPLE	42	0.000000000	0.0037540476	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	43	0.000000000	0.0047334782	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	44	0.005429564	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	45	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	46	0.000000000	0.000000000	0.0184921671	0.0000000	0.0000000000
##	SAMPLE	47	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	48	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	49	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	50	0.000000000	0.0028671690	0.0033875904	0.0000000	0.0000000000
##	SAMPLE	51	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	52	0.000000000	0.000000000	0.0006334567	0.0000000	0.0000000000
##	SAMPLE	53	0.000000000	0.0055474179	0.0011949174	0.0000000	0.0000000000
##	SAMPLE	54	0.000000000	0.000000000	0.0251148974	0.0000000	0.0000000000
##	SAMPLE	55	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	56	0.000000000	0.0090797696	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	57	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	58	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	59	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	60	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	61	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	62	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	63	0.000000000	0.0006298318	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	64	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	65	0.000000000	0.0362174463	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	66	0.000000000	0.0007936541	0.0013098211	0.0000000	0.0000000000
##	SAMPLE	67	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	68	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	69	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	70	0.000000000	0.0217827249	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	71	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	72	0.000000000	0.0039385003	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	73	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	74	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	75	0.000000000	0.6662799720	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	76	0.000000000	0.0073914291	0.0084773576	0.0000000	0.0000000000
##	SAMPLE	77	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	78	0.106327338	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	79	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	80	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	81	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	82	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	83	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	84	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	85	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	86	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	87	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	88	0.000000000	0.0052281578	0.0037247514	0.0000000	0.0000000000
##	SAMPLE	89	0.000000000	0.000000000	0.0000000000	0.0000000	0.0000000000
##	SAMPLE	90	0.000000000	0.000000000	0.0073415345	0.0000000	0.0000000000

##	SAMPLE	91	0.000000000	0.0009434705	0.0044001611	0.00000000	0.0000000000
##	SAMPLE	92	0.000000000	0.0029725607	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	93	0.013809139	0.0000000000	0.0000000000	0.1173118	0.0000000000
##	SAMPLE	94	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	95	0.000000000	0.0014076105	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	96	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	97	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	98	0.000000000	0.0009489430	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	99	0.000000000	0.0000000000	0.0005226127	0.00000000	0.0000000000
##	SAMPLE	100	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	101	0.000000000	0.0000000000	0.0041226240	0.00000000	0.0000000000
##	SAMPLE	102	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	103	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	104	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	105	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	106	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	107	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	108	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0007119742
##	SAMPLE	109	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	110	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	111	0.000000000	0.0000000000	0.0003549999	0.00000000	0.0000000000
##	SAMPLE	112	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	113	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	114	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	115	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	116	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	117	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	118	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	119	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	120	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##	SAMPLE	121	0.000000000	0.0000000000	0.0000000000	0.00000000	0.0000000000
##			OTU 1143	OTU 1145	OTU 1148	OTU 1150	OTU 1152
##	SAMPLE	1	0.000000000	0.000000000	0.00000000	0.0000000000	0.00000000
##	SAMPLE	2	0.000000000	0.000000000	0.00000000	0.0000000000	0.00000000
##	SAMPLE	3	0.000000000	0.000000000	0.00000000	0.0000000000	0.00000000
##	SAMPLE	4	0.000000000	0.000000000	0.00000000	0.0000000000	0.4824211
##	SAMPLE	5	0.000000000	0.000000000	0.00000000	0.0000000000	0.00000000
##	SAMPLE	6	0.000000000	0.000000000	0.00000000	0.0000000000	0.00000000
##	SAMPLE	7	0.000000000	0.000000000	0.00000000	0.0000000000	0.00000000
##	SAMPLE	8	0.000000000</				

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

##	SAMPLE 1	0.00000000	0.00000000
##	SAMPLE 2	0.00000000	0.00000000
##	SAMPLE 3	0.00000000	0.00000000
##	SAMPLE 4	0.00000000	0.00000000
##	SAMPLE 5	0.00000000	0.00000000
##	SAMPLE 6	0.00000000	0.00000000
##	SAMPLE 7	0.00000000	0.00000000
##	SAMPLE 8	0.00000000	0.00000000
##	SAMPLE 9	0.00000000	0.00000000
##	SAMPLE 10	0.00000000	0.00000000
##	SAMPLE 11	0.00000000	0.00000000
##	SAMPLE 12	0.00000000	0.00000000
##	SAMPLE 13	0.00000000	0.00000000
##	SAMPLE 14	0.00000000	0.00000000
##	SAMPLE 15	0.00000000	0.00000000
##	SAMPLE 16	0.00000000	0.00000000
##	SAMPLE 17	0.00000000	0.00000000
##	SAMPLE 18	0.00000000	0.00000000
##	SAMPLE 19	0.00000000	0.00000000
##	SAMPLE 20	0.00000000	0.00000000
##	SAMPLE 21	0.00000000	0.7475487
##	SAMPLE 22	0.00000000	0.00000000
##	SAMPLE 23	0.00000000	0.00000000
##	SAMPLE 24	0.00000000	0.00000000
##	SAMPLE 25	0.00000000	0.00000000
##	SAMPLE 26	0.00000000	0.00000000
##	SAMPLE 27	0.00000000	0.00000000
##	SAMPLE 28	0.00000000	0.00000000
##	SAMPLE 29	0.00000000	0.00000000
##	SAMPLE 30	0.09679292	0.00000000
##	SAMPLE 31	0.00000000	0.00000000
##	SAMPLE 32	0.00000000	0.00000000
##	SAMPLE 33	0.00000000	0.00000000
##	SAMPLE 34	0.00000000	0.00000000
##	SAMPLE 35	0.00000000	0.00000000
##	SAMPLE 36	0.00000000	0.00000000
##	SAMPLE 37	0.00000000	0.00000000
##	SAMPLE 38	0.00000000	0.00000000
##	SAMPLE 39	0.00000000	0.00000000
##	SAMPLE 40	0.00000000	0.00000000
##	SAMPLE 41	0.00000000	0.00000000
##	SAMPLE 42	0.00000000	0.00000000
##	SAMPLE 43	0.00000000	0.00000000
##	SAMPLE 44	0.00000000	0.00000000
##	SAMPLE 45	0.00000000	0.00000000
##	SAMPLE 46	0.00000000	0.00000000
##	SAMPLE 47	0.00000000	0.00000000
##	SAMPLE 48	0.00000000	0.00000000
##	SAMPLE 49	0.00000000	0.00000000
##	SAMPLE 50	0.00000000	0.00000000
##	SAMPLE 51	0.00000000	0.00000000
##	SAMPLE 52	0.00000000	0.00000000
##	SAMPLE 53	0.00000000	0.00000000
##	SAMPLE 54	0.00000000	0.00000000
##	SAMPLE 55	0.00000000	0.00000000
##	SAMPLE 56	0.00000000	0.00000000

```
## SAMPLE 57 0.00000000 0.00000000
## SAMPLE 58 0.00000000 0.00000000
## SAMPLE 59 0.00000000 0.00000000
## SAMPLE 60 0.00000000 0.00000000
## SAMPLE 61 0.00000000 0.00000000
## SAMPLE 62 0.00000000 0.00000000
## SAMPLE 63 0.00000000 0.00000000
## SAMPLE 64 0.00000000 0.00000000
## SAMPLE 65 0.00000000 0.00000000
## SAMPLE 66 0.00000000 0.00000000
## SAMPLE 67 0.00000000 0.00000000
## SAMPLE 68 0.00000000 0.00000000
## SAMPLE 69 0.00000000 0.00000000
## SAMPLE 70 0.00000000 0.00000000
## SAMPLE 71 0.00000000 0.00000000
## SAMPLE 72 0.00000000 0.00000000
## SAMPLE 73 0.00000000 0.00000000
## SAMPLE 74 0.00000000 0.00000000
## SAMPLE 75 0.00000000 0.00000000
## SAMPLE 76 0.00000000 0.00000000
## SAMPLE 77 0.00000000 0.00000000
## SAMPLE 78 0.00000000 0.00000000
## SAMPLE 79 0.00000000 0.00000000
## SAMPLE 80 0.00000000 0.00000000
## SAMPLE 81 0.00000000 0.00000000
## SAMPLE 82 0.00000000 0.00000000
## SAMPLE 83 0.00000000 0.00000000
## SAMPLE 84 0.00000000 0.00000000
## SAMPLE 85 0.00000000 0.00000000
## SAMPLE 86 0.00000000 0.00000000
## SAMPLE 87 0.00000000 0.00000000
## SAMPLE 88 0.00000000 0.00000000
## SAMPLE 89 0.00000000 0.00000000
## SAMPLE 90 0.00000000 0.00000000
## SAMPLE 91 0.00000000 0.00000000
## SAMPLE 92 0.00000000 0.00000000
## SAMPLE 93 0.00000000 0.00000000
## SAMPLE 94 0.00000000 0.00000000
## SAMPLE 95 0.00000000 0.00000000
## SAMPLE 96 0.00000000 0.00000000
## SAMPLE 97 0.00000000 0.00000000
## SAMPLE 98 0.00000000 0.00000000
## SAMPLE 99 0.00000000 0.00000000
## SAMPLE 100 0.00000000 0.00000000
## SAMPLE 101 0.00000000 0.00000000
## SAMPLE 102 0.00000000 0.00000000
## SAMPLE 103 0.00000000 0.00000000
## SAMPLE 104 0.00000000 0.00000000
## SAMPLE 105 0.00000000 0.00000000
## SAMPLE 106 0.00000000 0.00000000
## SAMPLE 107 0.00000000 0.00000000
## SAMPLE 108 0.00000000 0.00000000
## SAMPLE 109 0.00000000 0.00000000
## SAMPLE 110 0.00000000 0.00000000
## SAMPLE 111 0.00000000 0.00000000
## SAMPLE 112 0.00000000 0.00000000
```

```
## SAMPLE 113 0.00000000 0.00000000
## SAMPLE 114 0.00000000 0.00000000
## SAMPLE 115 0.00000000 0.00000000
## SAMPLE 116 0.00000000 0.00000000
## SAMPLE 117 0.00000000 0.00000000
## SAMPLE 118 0.00000000 0.00000000
## SAMPLE 119 0.00000000 0.00000000
## SAMPLE 120 0.00000000 0.00000000
## SAMPLE 121 0.00000000 0.00000000
```

```
tss$disease=factor(a)
colnames(tss)=sub(' ','',colnames(tss))

species = Datos_Taxa$CancerColorectal
```

S1_TSS

First, we will focus on the TSS preprocessing. After performing the appropriate numerical transformation for this preprocessing, we proceed to training by repeated cross-validation to adjust the hyperparameters of the model. The results can be seen below:

```
set.seed(280)
hv_index <- createDataPartition(tss$disease, p = .8, list = FALSE)
tr <- tss[ hv_index, ]
te <- tss[-hv_index, ]
```

```
library(e1071)
library(ranger)
```

```
##
## Attaching package: 'ranger'
```

```
## The following object is masked from 'package:randomForest':
##
##      importance
```

```
set.seed(280)

tr_fit = trainControl(method= 'repeatedcv',repeats=5,search='grid',number = 10, class
Probs = TRUE,summaryFunction = twoClassSummary)
best_model = train(disease~., data=tr, trControl = tr_fit,method = 'ranger',metric =
'ROC')
best_model
```

```
## Random Forest
##
## 98 samples
## 493 predictors
## 2 classes: 'control', 'crc'
##
## No pre-processing
## Resampling: Cross-Validated (10 fold, repeated 5 times)
## Summary of sample sizes: 88, 89, 88, 88, 88, 89, ...
## Resampling results across tuning parameters:
##
## mtry splitrule ROC Sens Spec
## 2 gini 0.8405000 0.9666667 0.2633333
## 2 extratrees 0.8283889 0.9966667 0.1316667
## 247 gini 0.8356111 0.8920000 0.6733333
## 247 extratrees 0.8231389 0.8686667 0.6433333
## 493 gini 0.8269444 0.9126667 0.6216667
## 493 extratrees 0.8284167 0.8726667 0.6700000
##
## Tuning parameter 'min.node.size' was held constant at a value of 1
## ROC was used to select the optimal model using the largest value.
## The final values used for the model were mtry = 2, splitrule = gini
## and min.node.size = 1.
```

We then train the model that gave us the best AUC (0.84), with the entire training set, and predict the test set.

```
set.seed(280)

modelo_final = ranger(disease~.,data = tr ,mtry = 247 ,splitrule = 'gini',min.node.size = 1,importance = 'impurity',probability=TRUE,keep.inbag = TRUE)

pred = predict(modelo_final, data=te, type="response")
pred = pred$predictions
ROC1_rf_mej <- roc(te$disease,pred[,2])
```

```
## Setting levels: control = control, case = crc
```

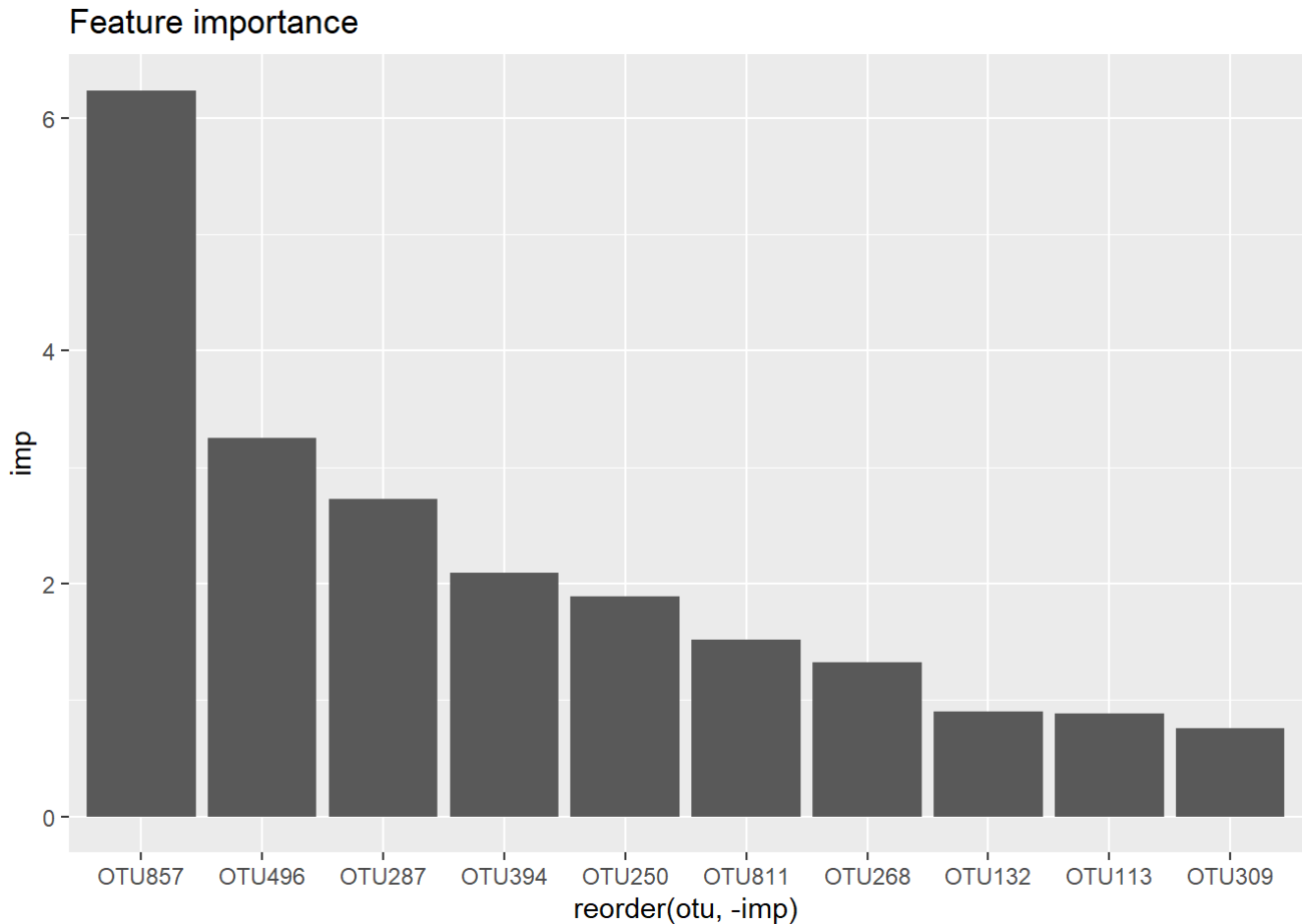
```
## Setting direction: controls < cases
```

```
a_rf_mej=auc(ROC1_rf_mej)
a_rf_mej
```

```
## Area under the curve: 0.9603
```

With the test set we managed to achieve an AUC of 0.96, but we can try to improve it by training different random forest models, using only the variables that are most important in this model that we have just trained. Next, we calculate how many variables have an importance greater than 0, and we plot the 10 most important ones in a graph

```
library(ggplot2)
imp=sort(importance(modelo_final),decreasing=TRUE)
d=as.data.frame(imp)
d$otu = rownames(d)
p = ggplot(d[1:10,],aes(y=imp,x=reorder(otu,-imp))) + geom_col() + ggtitle('Feature i
mportance')
p
```



```
nrow(as.data.frame(d[which(d$imp>0),]))
```

```
## [1] 331
```

There are 331 variables with a Gini index (variable importance) greater than 0, so we now train different random forest models, selecting from the 10 most important variables, up to 331. All this training is still done by repeated cross-validation, as we have done with the previous model. The best model resulting from all those we have trained by filtering variables can be seen below:

```

set.seed(280)
max_auc = 0
variables=0
params=0
tr_fit = trainControl(method= 'repeatedcv',repeats=5,search='grid',number = 10, class
Probs = TRUE,summaryFunction = twoClassSummary)
for (i in seq(10,331,15)){
  data= tr[,c(rownames(d)[1:i],'disease')]
  best_model = train(disease~., data=data, trControl = tr_fit,method = 'ranger',metri
c = 'ROC')
  if (max(best_model$results$ROC)>max_auc){

    max_auc=max(best_model$results$ROC)
    variables=i
    params= best_model$bestTune
  }
}
print(paste('AUC= ',max_auc))
print(paste('NVars= ',variables))
params

```

The best result has been achieved by using the 15 most important variables in the previous model and the parameters: - mtry = 2 - Splitrule = gini - Min node size = 1

```

set.seed(280)
data_filt = tr[,c(rownames(d)[1:15],'disease')]
modelo_final = ranger(disease~.,data = data_filt,mtry = 2 ,splitrule = 'gini',min.nod
e.size = 1,importance = 'impurity',probability=TRUE,keep.inbag = TRUE)

pred = predict(modelo_final, data=te[,c(rownames(d)[1:15],'disease')], type="respons
e")
pred = pred$predictions
ROC1_rf_mej <- roc(te$disease,pred[,2])

```

```
## Setting levels: control = control, case = crc
```

```
## Setting direction: controls < cases
```

```

a_rf_mej=auc(ROC1_rf_mej)
a_rf_mej

```

```
## Area under the curve: 0.9444
```

```
library(MLmetrics)
```

```

##
## Attaching package: 'MLmetrics'

```

```
## The following objects are masked from 'package:caret':  
##  
##      MAE, RMSE
```

```
## The following object is masked from 'package:base':  
##  
##      Recall
```

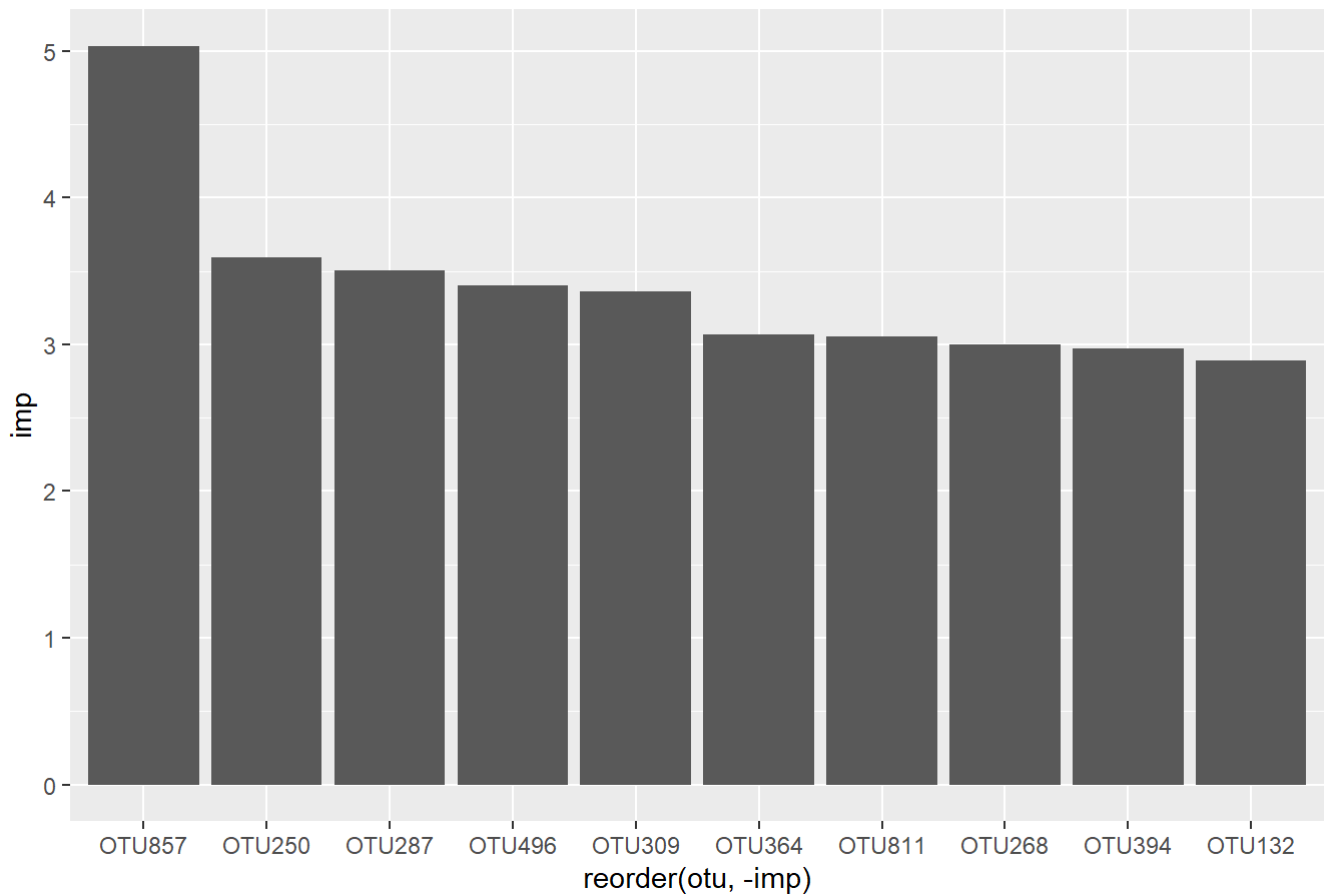
```
data_filt = tr[,c(rownames(d)[1:15], 'disease')]  
modelo_final = ranger(disease~., data = data_filt, mtry = 2, splitrule = 'gini', min.n  
ode.size = 1,  
                        importance = 'impurity', probability = FALSE, keep.inbag = TRUE  
)  
  
pred = predict(modelo_final, data=te[,c(rownames(d)[1:15], 'disease')], type="response")  
pred = pred$predictions  
  
F1_Score(te$disease, pred)
```

```
## [1] 0.875
```

Finally, training the model with the entire training set and making predictions on the test set, we obtain an area under the curve of 0.944 and an F1 Score of 0.875, values closer to the results obtained by Pasolli in his study. To conclude this preprocessing, we will now visualise and briefly explain the 10 most important species of microorganisms in our model:

```
library(ggplot2)  
imp=sort(importance(modelo_final),decreasing=TRUE)  
d=as.data.frame(imp)  
d$otu = rownames(d)  
p = ggplot(d[1:10,],aes(y=imp,x=reorder(otu,-imp))) + geom_col() + ggtitle('Feature importance')  
p
```

Feature importance



As we can see in the graph, there are 1 variables that have a much higher importance than the rest, when integrating the name of the OTUS with the data frame 'Data_taxa', we find that these microorganism is from the family Peptostreptococcaceae and his class is Clostridia.

S1-CLR

Secondly, we are going to perform the same process that we have just done with the CLR preprocessing. First, we perform the repeated cross-validation with the training data using all available variables:

```
set.seed(280)
hv_index <- createDataPartition(clr$disease, p = .8, list = FALSE)
tr <- clr[ hv_index, ]
te <- clr[-hv_index, ]
```

Secondly, we are going to perform the same process that we have just done with the CLR preprocessing. First, we perform the repeated cross-validation with the training data using all available variables:

```
set.seed(280)
best_model = train(disease~., data=tr , trControl = tr_fit,method = 'ranger',metric = 'ROC')
best_model
```

```
## Random Forest
##
## 98 samples
## 493 predictors
## 2 classes: 'control', 'crc'
##
## No pre-processing
## Resampling: Cross-Validated (10 fold, repeated 5 times)
## Summary of sample sizes: 88, 89, 88, 88, 88, 89, ...
## Resampling results across tuning parameters:
##
## mtry  splitrule  ROC      Sens      Spec
## 2     gini       0.8441667 0.9633333 0.2750000
## 2     extratrees 0.8225000 1.0000000 0.1266667
## 247   gini       0.8445278 0.9060000 0.6883333
## 247   extratrees 0.8295278 0.8860000 0.6350000
## 493   gini       0.8326944 0.9160000 0.6200000
## 493   extratrees 0.8312222 0.8793333 0.6700000
##
## Tuning parameter 'min.node.size' was held constant at a value of 1
## ROC was used to select the optimal model using the largest value.
## The final values used for the model were mtry = 247, splitrule = gini
## and min.node.size = 1.
```

The best hyperparameter fit reports an AUC of 0.845 on cross-validation, the next step is to fit this model with the entire training set and study the results by validating the test set:

```
set.seed(280)
modelo_final = ranger(disease~.,data = tr ,mtry = 2,splitrule = 'gini',min.node.size
  = 1,importance = 'impurity',probability=TRUE,keep.inbag = TRUE)

pred = predict(modelo_final, data=te, type="response")
pred = pred$predictions
ROC1_rf_mej <- roc(te$disease,pred[,2])
```

```
## Setting levels: control = control, case = crc
```

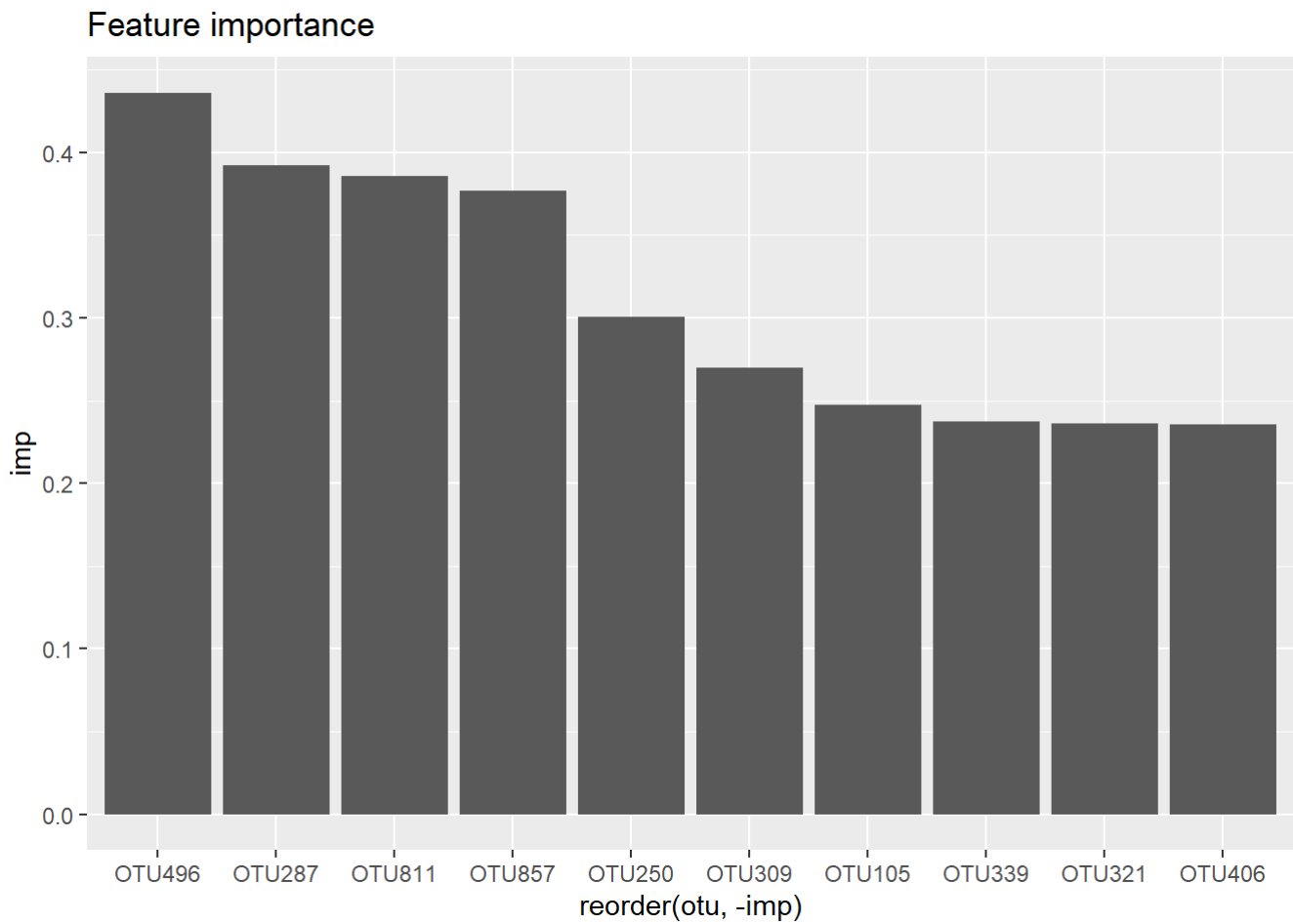
```
## Setting direction: controls < cases
```

```
a_rf_mej=auc(ROC1_rf_mej)
a_rf_mej
```

```
## Area under the curve: 0.873
```

Again, the AUC obtained is so similar than that obtained by Pasolli. But we are looking for a better model so we go back to the same process of filtering variables to improve the validation obtained. In this case, our most important variables are

```
library(ggplot2)
imp=sort(importance(modelo_final),decreasing=TRUE)
d=as.data.frame(imp)
d$otu = rownames(d)
p = ggplot(d[1:10,],aes(y=imp,x=reorder(otu,-imp))) + geom_col() + ggtitle('Feature i
mportance')
p
```



```
nrow(as.data.frame(d[which(d$imp>0),]))
```

```
## [1] 469
```

We found the best model by filtering variables and performing repeated cross-validation

```

set.seed(280)
max_auc = 0
variables=0
params=0
tr_fit = trainControl(method= 'repeatedcv',repeats=5,search='grid',number = 10, class
Probs = TRUE,summaryFunction = twoClassSummary)
for (i in seq(20,469,20)){
  data= tr[,c(rownames(d)[1:i], 'disease')]
  best_model = train(disease~., data=data, trControl = tr_fit,method = 'ranger',metri
c = 'ROC')
  if (max(best_model$results$ROC)>max_auc){

    max_auc=max(best_model$results$ROC)
    variables=i
    params= best_model$bestTune
  }
}
print(paste('AUC= ',max_auc))
print(paste('NVars= ',variables))
params

```

In this case, we obtain a 1% better AUC than with the previous preprocessing and using only 24 variables . Moreover, the hyperparameters are completely different:

- Mtry = 2
- Splitrule = gini
- Min node size = 1

Finally, we train this model with the whole training set and predict the test set.

```

set.seed(280)

data_filt = tr[,c(rownames(d)[1:24], 'disease')]
modelo_final = ranger(disease~.,data = data_filt,mtry = 2,splitrule = 'gini',min.nod
e.size = 1,importance = 'impurity',probability=TRUE,keep.inbag = TRUE)

pred = predict(modelo_final, data=te[,c(rownames(d)[1:24], 'disease')], type="respons
e")
pred = pred$predictions
ROC1_rf_mej <- roc(te$disease,pred[,2])

```

```
## Setting levels: control = control, case = crc
```

```
## Setting direction: controls < cases
```

```

a_rf_mej=auc(ROC1_rf_mej)
a_rf_mej

```

```
## Area under the curve: 0.881
```

```

library(MLmetrics)

data_filt = tr[,c(rownames(d)[1:24], 'disease')]
modelo_final = ranger(disease~., data = data_filt, mtry = 2, splitrule = 'gini', min.n
ode.size = 1,
                      importance = 'impurity', probability = FALSE, keep.inbag = TRUE
)

pred = predict(modelo_final, data=te[,c(rownames(d)[1:24], 'disease')], type="response")
pred = pred$predictions

F1_Score(te$disease, pred)

```

```
## [1] 0.875
```

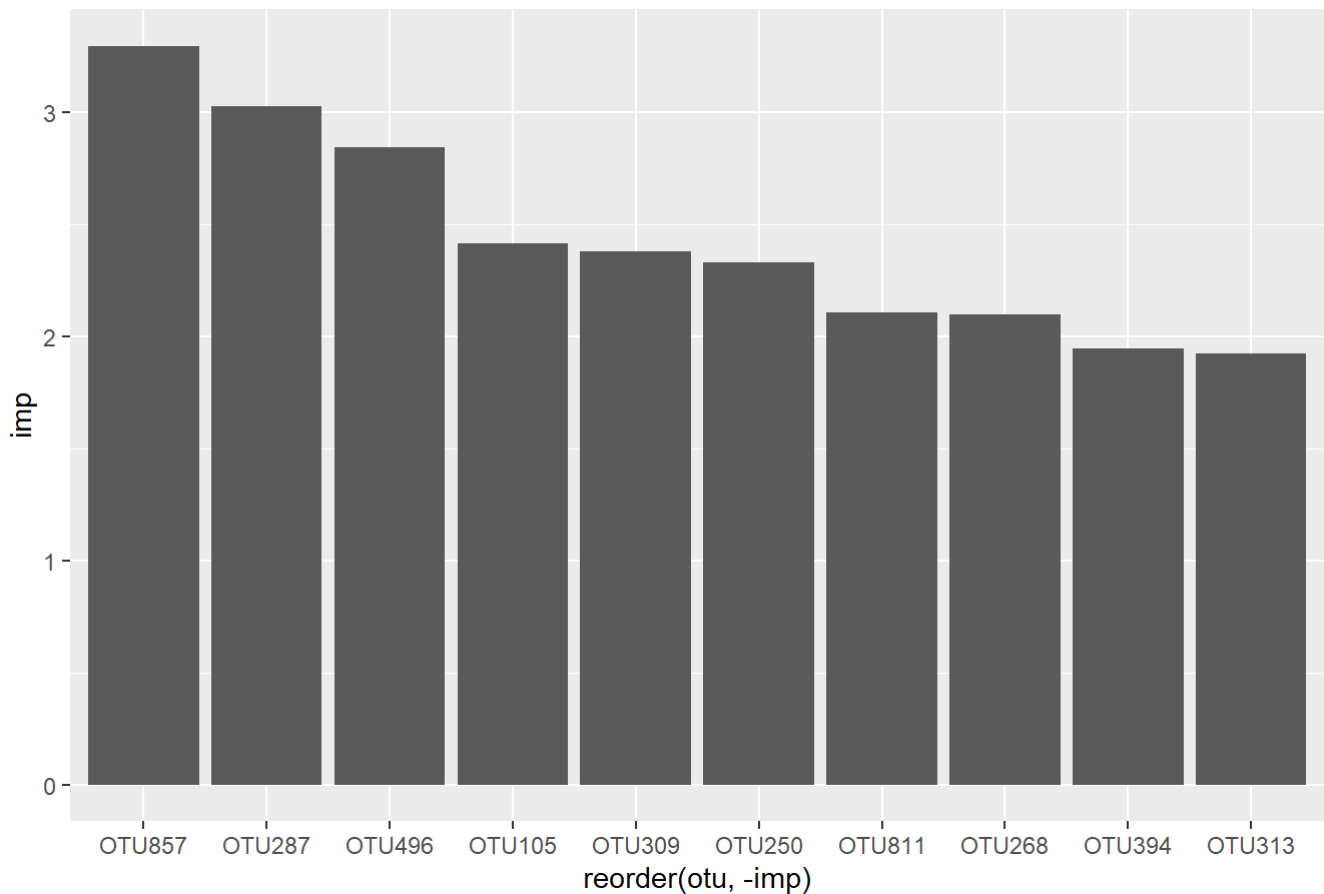
With this preprocessing, we obtain an AUC of 0.88 and an F1 Score of 0.875, a slightly lower result than those obtained with the TSS preprocessing, which may indicate that with TSS transformation we can better separate the healthy individuals from the sick ones. We can now look at the most important variables in this model and see if there are similarities in both models:

```

library(ggplot2)
imp=sort(importance(modelo_final),decreasing=TRUE)
d=as.data.frame(imp)
d$otu = rownames(d)
p = ggplot(d[1:10,],aes(y=imp,x=reorder(otu,-imp))) + geom_col() + ggtitle('Feature i
mportance')
p

```

Feature importance



With this preprocessing we find that the first 10 most important variables have a much more similar value between them than in the TSS preprocessing, even so, although the order differs, we find quite a few coincidences in the top 10 most important variables in both models, such as the species 857 and 287. This may lead us to think that the differences between healthy and diseased individuals are found in these species, but depending on the numerical transformation that we use we can achieve a slightly different result when validating the models.

S2

Second, we are going to repeat the process with the other data filter we have, the S2 Normal filter. In the same way that we have done with the S1 filtering, we first divide the data into 80% to train the models and 20% to validate them. We will start by adjusting the RandomForest technique to the TSS preprocessing.

```
set.seed(280)
clr_s2 =as.data.frame(t(DatosFinal$CancerColorectal$S2_NORMAL$S2_CLR_CANCERCOL))
a=Datos_sample$CancerColorectal$group
clr_s2$disease=factor(a)
colnames(clr_s2)=sub(' ','',colnames(clr_s2))

tss_s2 =as.data.frame(t(DatosFinal$CancerColorectal$S2_NORMAL$S2_TSS_CANCERCOL))
tss_s2=log(as.data.frame(t(DatosFinal$CancerColorectal$S2_NORMAL$S2_TSS_CANCERCOL)) *
10e6 + 1)
tss_s2
```

##		OTU 7	OTU 9	OTU 19	OTU 21	OTU 30
##	SAMPLE 1	0.000000000	0.000000e+00	0.0042002421	0.0000000000	0.0212733434
##	SAMPLE 2	0.152993806	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 3	0.000000000	0.000000e+00	0.0104572530	0.0191986653	0.0000000000
##	SAMPLE 4	0.059892716	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 5	13.559120982	1.868407e-01	0.0000000000	0.0000000000	0.0489484056
##	SAMPLE 6	15.727315997	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 7	13.079470891	1.645453e-01	0.0000000000	0.0120679055	0.0085962221
##	SAMPLE 8	0.378681071	0.000000e+00	0.0000000000	0.0018502620	0.0000000000
##	SAMPLE 9	13.089590941	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 10	0.696456147	3.174659e-02	0.0000000000	0.0115310245	0.0044336966
##	SAMPLE 11	0.005614639	0.000000e+00	0.0000000000	0.0000000000	0.0305663901
##	SAMPLE 12	12.506734847	1.210564e+01	0.0155076103	0.0000000000	0.0068541306
##	SAMPLE 13	12.480789306	0.000000e+00	0.0000000000	0.0154894158	0.0000000000
##	SAMPLE 14	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 15	0.201650997	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 16	14.345248889	0.000000e+00	0.0045350643	0.0087003209	0.0000000000
##	SAMPLE 17	0.003191514	2.671607e-03	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 18	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0584417361
##	SAMPLE 19	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0050120055
##	SAMPLE 20	0.000000000	3.071759e-03	0.0000000000	0.0394785145	0.0504395613
##	SAMPLE 21	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 22	0.000000000	0.000000e+00	0.0058078296	0.0000000000	0.0179551296
##	SAMPLE 23	0.000000000	0.000000e+00	0.0000000000	0.0045927016	0.0000000000
##	SAMPLE 24	0.014419236	0.000000e+00	0.0131092661	0.0178900954	0.0163739546
##	SAMPLE 25	10.893641174	0.000000e+00	0.0050118453	0.0000000000	0.0025581969
##	SAMPLE 26	14.600375538	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 27	0.002071451	0.000000e+00	0.0000000000	0.0146076522	0.0016575039
##	SAMPLE 28	0.169016174	0.000000e+00	0.0000000000	0.0127839904	0.0114490343
##	SAMPLE 29	0.000000000	0.000000e+00	0.0000000000	0.0049869067	0.0000000000
##	SAMPLE 30	0.001388155	0.000000e+00	0.0021541204	0.0266050681	0.0071055080
##	SAMPLE 31	0.000000000	0.000000e+00	0.8085043046	0.0000000000	0.0105641480
##	SAMPLE 32	0.461386554	3.683983e-01	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 33	13.642052165	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 34	0.000000000	0.000000e+00	0.0078776244	0.0000000000	0.0068275176
##	SAMPLE 35	0.096134967	0.000000e+00	0.0000000000	0.0138276458	0.0053192127
##	SAMPLE 36	13.673938692	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 37	13.004512765	2.366547e-01	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 38	0.813495130	0.000000e+00	0.0000000000	0.0232387403	0.0771910875
##	SAMPLE 39	14.788936533	0.000000e+00	0.0139571562	0.0023909371	0.0000000000
##	SAMPLE 40	0.000000000	0.000000e+00	0.0225126856	0.0000000000	0.0767382978
##	SAMPLE 41	0.000000000	0.000000e+00	0.0029796632	0.0024053314	0.0055470663
##	SAMPLE 42	13.270954303	0.000000e+00	0.0342466837	0.0000000000	0.1417518487
##	SAMPLE 43	0.000000000	0.000000e+00	0.0000000000	0.0225876202	0.0143291528
##	SAMPLE 44	15.249384382	0.000000e+00	0.0000000000	0.0016587783	0.0000000000
##	SAMPLE 45	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0094861776
##	SAMPLE 46	14.348450757	0.000000e+00	0.0000000000	0.0051029509	0.0051178337
##	SAMPLE 47	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0158176287
##	SAMPLE 48	0.000000000	0.000000e+00	0.0000000000	0.0326932499	0.0000000000
##	SAMPLE 49	0.266195598	7.661843e-02	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 50	0.000000000	0.000000e+00	0.0000000000	0.0023074139	0.0000000000
##	SAMPLE 51	14.658226177	0.000000e+00	0.0000000000	0.0113589607	0.0000000000
##	SAMPLE 52	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 53	0.000000000	0.000000e+00	0.0090958853	0.0000000000	0.0000000000
##	SAMPLE 54	0.134424538	0.000000e+00	0.0158940138	0.0000000000	0.0145173027

##	SAMPLE	55	0.665975101	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	56	0.000000000	1.447538e-02	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	57	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	58	13.824563043	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	59	0.100282701	0.000000e+00	0.0000000000	0.0000000000	0.3087760439
##	SAMPLE	60	0.065639558	7.756258e-03	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	61	13.065094236	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	62	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0022511634
##	SAMPLE	63	0.000000000	0.000000e+00	0.0000000000	0.0006417116	0.0024932353
##	SAMPLE	64	0.000000000	0.000000e+00	0.0000000000	0.0367682528	0.0372872766
##	SAMPLE	65	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	66	12.588206098	0.000000e+00	0.0000000000	0.0040749567	0.0000000000
##	SAMPLE	67	12.124576397	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	68	0.174679627	0.000000e+00	0.0000000000	0.0044052769	0.0019439275
##	SAMPLE	69	13.380455332	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	70	14.186084200	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	71	0.013558684	1.589894e-02	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	72	0.114292144	0.000000e+00	0.0000000000	0.0444852524	0.1377167787
##	SAMPLE	73	11.511873796	0.000000e+00	0.0000000000	0.0000000000	0.0039064780
##	SAMPLE	74	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	75	0.901804023	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	76	13.765744863	0.000000e+00	0.0072838433	0.0124392024	0.0176907513
##	SAMPLE	77	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.1028820937
##	SAMPLE	78	0.156100570	0.000000e+00	0.0136270398	0.0033003475	0.0000000000
##	SAMPLE	79	13.027802759	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	80	12.964592653	4.181792e-01	0.0158339402	0.0000000000	0.0000000000
##	SAMPLE	81	0.003959916	2.599270e-03	0.0000000000	0.0038963753	0.0123498076
##	SAMPLE	82	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	83	12.372951114	0.000000e+00	0.0120655785	0.0000000000	0.0075862542
##	SAMPLE	84	12.058938132	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	85	0.000000000	0.000000e+00	0.0000000000	0.0020840685	0.0000000000
##	SAMPLE	86	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0440674627
##	SAMPLE	87	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	88	12.326984252	0.000000e+00	0.0000000000	0.0000000000	0.0076834131
##	SAMPLE	89	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	90	0.021745827	8.859503e-04	0.0000000000	0.0021464049	0.0037799485
##	SAMPLE	91	13.178026338	0.000000e+00	0.0017684857	0.0000000000	0.0063687156
##	SAMPLE	92	10.331786650	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	93	0.001972211	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	94	0.013253051	1.216105e-02	0.0005919956	0.0004005060	0.0005571821
##	SAMPLE	95	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	96	12.667836085	1.206393e+01	0.0024309116	0.0000000000	0.0236197842
##	SAMPLE	97	14.055006059	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	98	0.061414688	0.000000e+00	0.0000000000	0.0000000000	0.0024934418
##	SAMPLE	99	0.000000000	0.000000e+00	0.0007652988	0.0046097718	0.0000000000
##	SAMPLE	100	14.603070069	0.000000e+00	0.0000000000	0.0346908897	0.0064152911
##	SAMPLE	101	13.404883979	0.000000e+00	0.0000000000	0.0012975144	0.0007905046
##	SAMPLE	102	11.916770651	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	103	0.060688363	5.669219e-03	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	104	0.000000000	8.982318e-03	0.0000000000	0.0000000000	0.0105495209
##	SAMPLE	105	0.014162765	1.990755e-02	0.0000000000	0.0041480231	0.0000000000
##	SAMPLE	106	0.138920927	1.042229e-01	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	107	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	108	14.402738787	0.000000e+00	0.0000000000	0.0335062036	0.0000000000
##	SAMPLE	109	0.183774956	2.401065e-02	0.0000000000	0.0000000000	0.0310887842
##	SAMPLE	110	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000

##	SAMPLE	111	12.774887065	0.000000e+00	0.0000000000	0.0000000000	0.0060580763
##	SAMPLE	112	0.002301442	3.222010e-03	0.0000000000	0.0000000000	0.0053471235
##	SAMPLE	113	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	114	15.298767108	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	115	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	116	0.016241943	1.574724e-02	0.0176394291	0.0120148917	0.0022393149
##	SAMPLE	117	13.573910917	0.000000e+00	0.0018550705	0.0030424108	0.0009041822
##	SAMPLE	118	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	119	0.000000000	0.000000e+00	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	120	0.219156876	4.378826e-03	0.0000000000	0.1051903342	0.0022605659
##	SAMPLE	121	0.001621086	5.187568e-02	0.0000000000	0.0064447558	0.0000000000
##			OTU 36	OTU 40	OTU 42	OTU 44	OTU 46
##	SAMPLE	1	0.000000e+00	0.000000e+00	0.000000e+00	1.425057e+01	0.0000000000
##	SAMPLE	2	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	3	1.231662e+01	1.265649e+01	0.000000e+00	4.006007e-02	0.010623377
##	SAMPLE	4	0.000000e+00	0.000000e+00	0.000000e+00	1.910176e-03	0.0000000000
##	SAMPLE	5	0.000000e+00	1.067447e-01	6.179259e-03	1.248790e+01	0.314134609
##	SAMPLE	6	2.714009e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	7	7.918992e-01	1.248996e+01	7.900963e-01	7.305374e-01	0.012351691
##	SAMPLE	8	0.000000e+00	0.000000e+00	1.237290e+01	1.566981e-02	0.0000000000
##	SAMPLE	9	0.000000e+00	0.000000e+00	4.725685e-01	2.074441e-01	0.0000000000
##	SAMPLE	10	1.315759e+01	3.595395e-03	5.213743e-02	1.184574e+01	0.0000000000
##	SAMPLE	11	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	12	1.573679e-01	0.000000e+00	0.000000e+00	1.367182e+01	0.789849063
##	SAMPLE	13	2.035935e-02	0.000000e+00	0.000000e+00	1.274540e+01	0.009803262
##	SAMPLE	14	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	16	1.205628e+01	0.000000e+00	0.000000e+00	6.174206e-01	0.0000000000
##	SAMPLE	17	2.249543e-02	7.478636e-04	0.000000e+00	6.912268e-04	0.0000000000
##	SAMPLE	18	0.000000e+00	0.000000e+00	0.000000e+00	1.374611e-02	0.0000000000
##	SAMPLE	19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	20	1.275548e+01	1.351634e+01	2.319426e-02	1.190974e+01	0.006602463
##	SAMPLE	21	1.380814e+01	1.287945e+01	0.000000e+00	1.182874e+01	0.0000000000
##	SAMPLE	22	2.983595e-01	4.659198e-01	5.204800e-03	3.793592e-01	0.0000000000
##	SAMPLE	23	0.000000e+00	0.000000e+00	0.000000e+00	1.414331e-03	0.0000000000
##	SAMPLE	24	1.243793e+01	1.232945e+01	4.886397e-03	1.224614e+01	0.373250462
##	SAMPLE	25	5.227863e-01	0.000000e+00	0.000000e+00	4.938590e-01	0.0000000000
##	SAMPLE	26	1.635023e-01	0.000000e+00	0.000000e+00	4.333215e-01	0.0000000000
##	SAMPLE	27	3.071525e-04	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	28	6.052389e-03	0.000000e+00	2.964772e-01	0.000000e+00	0.0000000000
##	SAMPLE	29	5.988821e-03	0.000000e+00	1.306533e+01	3.785872e-02	0.0000000000
##	SAMPLE	30	1.190603e-04	0.000000e+00	0.000000e+00	2.531600e-02	0.0000000000
##	SAMPLE	31	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	32	4.420056e-02	2.377491e-01	0.000000e+00	1.790918e-02	0.0000000000
##	SAMPLE	33	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	34	0.000000e+00	0.000000e+00	6.037041e-01	3.819091e-01	0.0000000000
##	SAMPLE	35	1.299461e+01	0.000000e+00	0.000000e+00	7.198984e-03	0.003237452
##	SAMPLE	36	2.490902e-01	0.000000e+00	0.000000e+00	1.257177e+01	0.0000000000
##	SAMPLE	37	1.923442e-01	0.000000e+00	0.000000e+00	1.888242e-01	0.0000000000
##	SAMPLE	38	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	39	7.183176e-01	0.000000e+00	0.000000e+00	5.885978e-01	0.0000000000
##	SAMPLE	40	0.000000e+00	0.000000e+00	0.000000e+00	9.354461e-02	0.0000000000
##	SAMPLE	41	5.897203e-01	1.212189e+01	0.000000e+00	4.786788e-01	0.0000000000
##	SAMPLE	42	0.000000e+00	6.965544e-04	0.000000e+00	3.156540e-02	0.0000000000
##	SAMPLE	43	1.414192e+01	0.000000e+00	0.000000e+00	9.200601e-02	12.512038240
##	SAMPLE	44	1.379907e+01	0.000000e+00	2.924348e-02	4.636354e-01	0.0000000000

##	SAMPLE	45	0.000000e+00	1.214176e-02	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	46	4.661576e-02	0.000000e+00	0.000000e+00	1.694511e-01	0.000000000
##	SAMPLE	47	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	48	0.000000e+00	1.450372e+01	0.000000e+00	1.400341e+01	0.000000000
##	SAMPLE	49	9.993507e+00	1.286401e+01	0.000000e+00	4.754586e-01	0.406696523
##	SAMPLE	50	1.296563e+01	0.000000e+00	3.767942e-01	1.412032e+01	0.457457410
##	SAMPLE	51	0.000000e+00	0.000000e+00	6.787511e-01	3.338170e-01	0.000000000
##	SAMPLE	52	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	53	1.221879e+01	0.000000e+00	0.000000e+00	7.017046e-01	0.000000000
##	SAMPLE	54	2.299450e-02	0.000000e+00	0.000000e+00	2.153172e-01	0.000000000
##	SAMPLE	55	7.691351e-02	0.000000e+00	0.000000e+00	2.604023e-02	0.000000000
##	SAMPLE	56	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	57	3.299769e-01	1.166901e+01	4.327618e-01	1.232573e+01	0.130625992
##	SAMPLE	58	1.309896e+01	0.000000e+00	0.000000e+00	1.274347e+01	0.000000000
##	SAMPLE	59	0.000000e+00	0.000000e+00	0.000000e+00	2.982127e-01	0.000000000
##	SAMPLE	60	0.000000e+00	1.710321e-01	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	61	4.139978e-02	0.000000e+00	0.000000e+00	1.607216e-02	0.000000000
##	SAMPLE	62	3.247442e-01	0.000000e+00	0.000000e+00	8.031047e-02	0.000000000
##	SAMPLE	63	8.381033e-03	0.000000e+00	0.000000e+00	1.255633e+01	13.638805293
##	SAMPLE	64	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	65	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	66	0.000000e+00	0.000000e+00	0.000000e+00	2.394224e-04	0.000000000
##	SAMPLE	67	1.748001e-02	0.000000e+00	1.399850e-02	3.991721e-01	0.000000000
##	SAMPLE	68	6.575913e-02	4.829830e-04	1.200730e+01	7.907511e-01	0.000000000
##	SAMPLE	69	8.333393e-01	3.506410e-01	0.000000e+00	1.204645e+01	0.000000000
##	SAMPLE	70	0.000000e+00	1.186680e+01	0.000000e+00	1.287312e+01	0.000000000
##	SAMPLE	71	1.411023e+01	0.000000e+00	0.000000e+00	1.334593e+01	0.000000000
##	SAMPLE	72	2.964264e-02	2.034799e-02	0.000000e+00	2.345582e-02	0.000000000
##	SAMPLE	73	6.401192e-02	5.060751e-01	0.000000e+00	1.305032e-01	0.000000000
##	SAMPLE	74	2.747822e-01	0.000000e+00	0.000000e+00	1.836637e-01	0.000000000
##	SAMPLE	75	1.011801e-01	0.000000e+00	0.000000e+00	3.497363e-02	0.124743844
##	SAMPLE	76	0.000000e+00	0.000000e+00	0.000000e+00	1.250961e+01	0.808198308
##	SAMPLE	77	0.000000e+00	8.590063e-02	0.000000e+00	1.176196e+01	0.000000000
##	SAMPLE	78	0.000000e+00	0.000000e+00	0.000000e+00	1.322239e-02	0.000000000
##	SAMPLE	79	0.000000e+00	0.000000e+00	0.000000e+00	8.322014e-02	0.201813288
##	SAMPLE	80	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	81	0.000000e+00	0.000000e+00	0.000000e+00	9.497343e+00	0.000000000
##	SAMPLE	82	0.000000e+00	0.000000e+00	7.153469e-01	7.518031e-01	0.000000000
##	SAMPLE	83	0.000000e+00	0.000000e+00	0.000000e+00	2.464880e-01	0.000000000
##	SAMPLE	84	1.227424e+01	0.000000e+00	3.384525e-01	1.429388e+01	0.181754111
##	SAMPLE	85	1.443215e-01	1.343991e+01	0.000000e+00	1.641110e-02	0.000000000
##	SAMPLE	86	0.000000e+00	0.000000e+00	0.000000e+00	1.253739e+01	0.000000000
##	SAMPLE	87	7.186596e-03	1.494703e-04	1.518575e-03	1.881953e-01	0.000000000
##	SAMPLE	88	6.109271e-03	5.587042e-02	4.322118e-02	6.565127e-01	0.188305948
##	SAMPLE	89	1.518541e-02	0.000000e+00	0.000000e+00	5.426759e-01	0.000000000
##	SAMPLE	90	7.274726e-01	0.000000e+00	2.213406e-03	4.840229e-01	0.000000000
##	SAMPLE	91	0.000000e+00	0.000000e+00	0.000000e+00	1.522396e-02	0.016269400
##	SAMPLE	92	1.058484e+00	6.431663e-01	0.000000e+00	1.566948e-01	0.006783814
##	SAMPLE	93	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	94	6.001275e-01	0.000000e+00	1.037861e-02	6.838907e-02	0.000000000
##	SAMPLE	95	0.000000e+00	0.000000e+00	1.250808e+01	1.323077e+01	0.964586855
##	SAMPLE	96	7.532974e-01	8.763438e-01	9.975635e-04	4.370919e-01	0.129514186
##	SAMPLE	97	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	98	0.000000e+00	0.000000e+00	0.000000e+00	1.487754e-01	0.000000000
##	SAMPLE	99	0.000000e+00	6.151030e-01	1.826019e-02	1.268552e+01	0.000000000
##	SAMPLE	100	1.467178e+01	1.370781e+01	0.000000e+00	8.965598e-02	0.000000000

##	SAMPLE	101	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	102	1.471645e-02	0.000000e+00	0.000000e+00	1.239081e-02	0.000000000
##	SAMPLE	103	1.170153e+01	4.972681e-01	0.000000e+00	7.116766e-01	0.000000000
##	SAMPLE	104	3.096033e-01	0.000000e+00	0.000000e+00	3.335045e-01	0.108775468
##	SAMPLE	105	1.877265e-03	0.000000e+00	5.557461e-01	1.241726e+01	0.410108794
##	SAMPLE	106	8.329617e-01	1.222137e+01	0.000000e+00	2.969396e-01	0.000000000
##	SAMPLE	107	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	108	2.136574e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	109	0.000000e+00	0.000000e+00	4.745665e-01	0.000000e+00	0.000000000
##	SAMPLE	110	1.288880e+01	0.000000e+00	0.000000e+00	5.139473e-01	0.000000000
##	SAMPLE	111	1.446964e+01	1.220491e+01	2.586982e-01	8.858785e-01	0.000000000
##	SAMPLE	112	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	113	0.000000e+00	0.000000e+00	0.000000e+00	1.356646e+01	0.000000000
##	SAMPLE	114	1.869384e-01	0.000000e+00	5.837325e-01	3.282408e-01	0.301041520
##	SAMPLE	115	0.000000e+00	7.128716e-01	0.000000e+00	2.727331e-01	13.255187278
##	SAMPLE	116	3.094789e-02	0.000000e+00	2.662147e-01	1.194892e+01	12.169984807
##	SAMPLE	117	9.577176e+00	0.000000e+00	1.195431e+01	1.190698e+01	0.000000000
##	SAMPLE	118	1.388242e+01	3.350938e-02	1.248721e+01	9.620556e+00	0.010131686
##	SAMPLE	119	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	120	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000000
##	SAMPLE	121	0.000000e+00	0.000000e+00	0.000000e+00	1.285290e+01	0.000000000
##			OTU 54	OTU 57	OTU 62	OTU 66	OTU 69
##	SAMPLE	1	0.092557198	0.000000000	0.000000000	0.143921705	0.0004557527
##	SAMPLE	2	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	3	0.000000000	0.0083207439	0.822922568	0.000000000	0.000000000
##	SAMPLE	4	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	5	0.004608547	0.0031796751	0.000000000	0.194296581	0.000000000
##	SAMPLE	6	0.000000000	0.000000000	0.000000000	0.445639023	0.000000000
##	SAMPLE	7	0.109558806	0.0005290451	9.768595326	0.113224294	0.0283663887
##	SAMPLE	8	0.008987865	0.0229989192	12.874472064	0.000000000	0.000000000
##	SAMPLE	9	0.000000000	0.000000000	0.024786739	0.000000000	0.000000000
##	SAMPLE	10	0.001014444	0.000000000	0.337474520	0.000000000	0.0041872104
##	SAMPLE	11	0.161392906	0.0247905236	0.000000000	0.000000000	0.000000000
##	SAMPLE	12	0.024617128	0.000000000	0.734501134	0.000000000	0.000000000
##	SAMPLE	13	0.055426517	0.000000000	0.006242550	12.481206144	0.0145354825
##	SAMPLE	14	0.000000000	0.000000000	0.111340387	0.000000000	0.000000000
##	SAMPLE	15	0.000000000	0.000000000	0.155085309	0.000000000	0.000000000
##	SAMPLE	16	0.000000000	0.000000000	0.000000000	0.746546052	0.000000000
##	SAMPLE	17	0.000000000	0.000000000	0.000000000	0.000000000	0.0554727930
##	SAMPLE	18	0.000000000	0.0982663624	0.428870559	0.000000000	0.0293575639
##	SAMPLE	19	0.000000000	0.000000000	0.000000000	0.000000000	0.0223762318
##	SAMPLE	20	0.000000000	0.000000000	13.022942336	0.000000000	0.0132873372
##	SAMPLE	21	0.103814508	0.000000000	0.498694166	0.000000000	0.0152156654
##	SAMPLE	22	0.000000000	0.0083438810	12.345405587	0.000000000	0.000000000
##	SAMPLE	23	0.233395412	0.0083198747	0.585680869	0.000000000	0.0043054197
##	SAMPLE	24	0.000000000	0.1376171874	12.242590140	0.000000000	0.000000000
##	SAMPLE	25	0.063118766	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	26	0.004857082	0.0154300196	0.852371120	0.000000000	0.000000000
##	SAMPLE	27	0.000000000	0.0001382303	0.824105268	0.000000000	0.0270484430
##	SAMPLE	28	0.000000000	0.000000000	0.768448263	0.000000000	0.000000000
##	SAMPLE	29	0.262179811	0.000000000	0.000000000	0.664403249	0.0092880352
##	SAMPLE	30	0.000000000	0.0003439132	0.000000000	0.000000000	0.3013521822
##	SAMPLE	31	0.000000000	0.000000000	0.000000000	12.478273783	0.000000000
##	SAMPLE	32	0.000000000	0.000000000	0.357075101	0.000000000	0.000000000
##	SAMPLE	33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	34	0.000000000	0.000000000	1.099679001	0.000000000	0.0749478977

##	SAMPLE	35	0.030478626	0.0222503866	12.443658875	0.000000000	0.0815209351
##	SAMPLE	36	0.060323566	0.0000000000	0.590218849	0.211070909	0.0032357361
##	SAMPLE	37	0.0000000000	0.0000000000	0.614258650	0.000000000	0.0000000000
##	SAMPLE	38	0.363193861	0.0000000000	0.000000000	0.000000000	0.0116020608
##	SAMPLE	39	0.006187593	0.0000000000	0.471224522	0.000000000	0.0000000000
##	SAMPLE	40	0.011338957	0.0239719934	0.381658328	0.000000000	0.0000000000
##	SAMPLE	41	0.046478506	0.0047788399	0.149640484	0.000000000	0.0000000000
##	SAMPLE	42	0.0000000000	0.0408641663	0.246707358	0.000000000	0.0000000000
##	SAMPLE	43	0.398625302	0.0000000000	0.000000000	0.464466771	0.0046827691
##	SAMPLE	44	0.0000000000	0.0000000000	12.461296854	0.000000000	0.0000000000
##	SAMPLE	45	0.109957612	0.0000000000	0.174910026	0.000000000	0.0036580311
##	SAMPLE	46	0.0000000000	0.0287818541	0.588357000	0.801910989	0.0000000000
##	SAMPLE	47	0.0000000000	0.0000000000	0.040849951	0.000000000	0.0000000000
##	SAMPLE	48	0.014883683	0.0087909182	0.000000000	11.776599962	0.0016333131
##	SAMPLE	49	0.006310913	0.0000000000	0.000000000	0.045597865	0.0000000000
##	SAMPLE	50	0.147628443	0.0000000000	0.430109552	0.000000000	0.0916958178
##	SAMPLE	51	0.013717437	0.0216949021	0.566723873	0.000000000	0.0000000000
##	SAMPLE	52	0.0000000000	0.0000000000	0.000000000	0.000000000	0.3681510568
##	SAMPLE	53	0.101898923	0.0023231775	0.000000000	0.541045442	0.0364274259
##	SAMPLE	54	0.094003118	0.0237647811	0.646406041	0.000000000	0.0040061737
##	SAMPLE	55	0.0000000000	0.0000000000	0.039235725	0.000000000	0.0000000000
##	SAMPLE	56	0.0000000000	0.0000000000	0.496638787	0.000000000	0.0471954196
##	SAMPLE	57	0.0000000000	0.0000000000	0.343417762	0.000000000	0.0000000000
##	SAMPLE	58	0.019399379	0.0000000000	0.000000000	0.000000000	0.0005682036
##	SAMPLE	59	0.466899891	0.0000000000	0.548904498	0.103330325	0.0000000000
##	SAMPLE	60	0.0000000000	0.0000000000	0.499644119	0.000000000	0.0000000000
##	SAMPLE	61	0.0000000000	0.0000000000	0.331429874	0.000000000	0.0000000000
##	SAMPLE	62	0.138929405	0.0000000000	0.393950426	0.000000000	0.0000000000
##	SAMPLE	63	0.0000000000	0.0000000000	0.000000000	0.000000000	0.0991683327
##	SAMPLE	64	0.055534023	0.0000000000	0.000000000	0.135463969	0.4226957796
##	SAMPLE	65	0.201767153	0.0000000000	15.074168147	0.000000000	0.0620974500
##	SAMPLE	66	0.123830584	0.0000000000	0.809505391	0.000000000	0.0002646214
##	SAMPLE	67	0.055549924	0.0000000000	0.151310346	0.000000000	0.0000000000
##	SAMPLE	68	0.089107328	0.0000000000	0.000000000	0.058773568	0.0381652951
##	SAMPLE	69	0.0000000000	0.0000000000	11.894686448	0.000000000	0.0000000000
##	SAMPLE	70	0.262018571	0.0000000000	0.000000000	0.000000000	0.1677023262
##	SAMPLE	71	0.108664557	0.0000000000	0.000000000	0.000000000	0.0114349810
##	SAMPLE	72	0.010337542	0.0012557508	12.561139710	0.000000000	0.0000000000
##	SAMPLE	73	0.0000000000	0.0000000000	12.377397224	0.051890084	0.0000000000
##	SAMPLE	74	0.006849751	0.0000000000	0.212608368	0.000000000	0.0000000000
##	SAMPLE	75	0.0000000000	0.1695782567	0.768104925	0.000000000	0.0000000000
##	SAMPLE	76	0.291835861	0.0022974713	12.124062323	0.000000000	0.0000000000
##	SAMPLE	77	0.0000000000	0.0000000000	0.000000000	0.020202565	0.0000000000
##	SAMPLE	78	0.0000000000	0.0039194992	11.786419886	0.000000000	0.0000000000
##	SAMPLE	79	0.067790708	0.0000000000	0.516973436	0.000000000	0.0000000000
##	SAMPLE	80	0.095146416	0.0000000000	0.000000000	0.281499824	0.0000000000
##	SAMPLE	81	0.001835480	0.0037692825	0.413227427	0.002968226	0.0000000000
##	SAMPLE	82	0.013971698	0.0000000000	0.787843290	0.000000000	0.0000000000
##	SAMPLE	83	0.174551575	0.0000000000	0.000000000	0.000000000	0.0221040221
##	SAMPLE	84	0.117050913	0.0000000000	0.646806638	0.000000000	0.0000000000
##	SAMPLE	85	0.0000000000	0.0000000000	12.071491073	0.000000000	0.0000000000
##	SAMPLE	86	0.157665065	0.0000000000	0.131520163	0.128225460	0.0000000000
##	SAMPLE	87	0.007211331	0.0000000000	0.026320544	0.000000000	0.0001245601
##	SAMPLE	88	0.031474712	0.0035506579	0.000000000	0.798244697	0.0000000000
##	SAMPLE	89	0.0000000000	0.0000000000	0.000000000	0.090318231	0.0000000000
##	SAMPLE	90	0.0000000000	0.0000000000	12.191852212	0.000000000	0.0000000000

##	SAMPLE	91	0.001145662	0.0418785134	0.473829228	0.000000000	0.000000000
##	SAMPLE	92	0.016249480	0.000000000	13.221948320	0.000000000	0.000000000
##	SAMPLE	93	0.000000000	0.0007354401	0.004465587	0.000000000	0.000000000
##	SAMPLE	94	0.119376646	0.000000000	12.961360333	0.000000000	0.0008878621
##	SAMPLE	95	0.000000000	0.000000000	0.430775688	0.015010469	0.1036566524
##	SAMPLE	96	0.025772206	0.000000000	0.671609850	0.000000000	0.000000000
##	SAMPLE	97	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.000000000	0.000000000	0.000000000	0.379935650	0.0010426169
##	SAMPLE	99	0.000000000	0.0029505582	0.000000000	0.000000000	0.0370604583
##	SAMPLE	100	0.007083721	0.0012105890	0.632264329	12.529906145	0.2272538701
##	SAMPLE	101	0.066603803	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	102	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	103	0.084950276	0.000000000	0.567773064	0.000000000	0.000000000
##	SAMPLE	104	0.016146933	0.000000000	0.877825461	0.000000000	0.000000000
##	SAMPLE	105	0.071304742	0.000000000	0.328872083	0.000000000	0.000000000
##	SAMPLE	106	0.002788515	0.000000000	12.473266911	0.000000000	0.000000000
##	SAMPLE	107	0.000000000	0.000000000	0.000000000	0.000000000	0.0039774458
##	SAMPLE	108	0.012448364	0.000000000	0.407903871	0.000000000	0.000000000
##	SAMPLE	109	0.007969056	0.000000000	0.861202167	0.000000000	0.000000000
##	SAMPLE	110	0.000000000	0.000000000	0.000000000	0.000000000	0.0017916463
##	SAMPLE	111	0.005299024	0.000000000	0.680659933	0.000000000	0.000000000
##	SAMPLE	112	0.010490434	0.000000000	0.197345645	0.000000000	0.000000000
##	SAMPLE	113	0.000000000	0.0018042675	0.000000000	0.000000000	0.000000000
##	SAMPLE	114	0.000000000	0.000000000	0.206202021	0.000000000	0.000000000
##	SAMPLE	115	0.000000000	0.000000000	10.547321557	0.000000000	0.0023304794
##	SAMPLE	116	0.000000000	0.0006353668	12.689179906	0.000000000	0.000000000
##	SAMPLE	117	0.091531182	0.0044061116	11.987356384	0.013559832	0.000000000
##	SAMPLE	118	0.000000000	0.000000000	12.133492559	0.000000000	0.000000000
##	SAMPLE	119	0.000000000	0.000000000	0.077559436	0.000000000	0.000000000
##	SAMPLE	120	0.008623508	0.000000000	0.027585865	0.000000000	0.0079472954
##	SAMPLE	121	0.030255119	0.0503169650	12.655609976	0.000000000	0.0028441664
##			OTU 71	OTU 73	OTU 76	OTU 87	OTU 89
##	SAMPLE	1	2.678366e-03	0.0040489154	0.0009872018	5.906516e-01	1.904679e-01
##	SAMPLE	2	0.000000e+00	0.0000000000	0.0000000000	1.195201e+01	1.447153e-01
##	SAMPLE	3	0.000000e+00	0.0599966299	0.0000000000	6.894183e-01	1.187319e-01
##	SAMPLE	4	0.000000e+00	0.0000000000	0.0000000000	1.382282e+01	4.818609e-01
##	SAMPLE	5	0.000000e+00	0.0000000000	0.0004276107	4.068877e-01	0.000000e+00
##	SAMPLE	6	0.000000e+00	0.0000000000	0.0000000000	1.283545e+01	5.169134e-01
##	SAMPLE	7	4.175327e-02	0.0210353168	0.0007028131	0.000000e+00	1.219748e+01
##	SAMPLE	8	7.457191e-03	0.0476045178	0.0000000000	3.030584e-03	1.283318e+01
##	SAMPLE	9	0.000000e+00	0.0000000000	0.0000000000	1.204663e+01	5.855633e-02
##	SAMPLE	10	1.671770e-02	0.0004826079	0.0011999020	1.221737e+01	2.041519e-01
##	SAMPLE	11	4.890989e-03	0.0148290700	0.0000000000	3.736475e-01	1.397199e-01
##	SAMPLE	12	0.000000e+00	0.0000000000	0.0282030739	1.305917e+01	1.345908e+01
##	SAMPLE	13	3.879834e-02	0.0258853139	0.0000000000	6.641023e-01	1.183292e+01
##	SAMPLE	14	0.000000e+00	0.0000000000	0.0000000000	1.187725e+01	1.164700e-01
##	SAMPLE	15	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	16	2.793002e-01	0.0099886371	0.0318399768	1.210487e+01	0.000000e+00
##	SAMPLE	17	2.590329e-02	0.0177070555	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	18	1.155126e-02	0.0000000000	0.0000000000	0.000000e+00	1.344512e+01
##	SAMPLE	19	9.204882e-03	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	20	0.000000e+00	0.0000000000	0.0006940375	7.353176e-01	0.000000e+00
##	SAMPLE	21	8.089046e-02	0.2424260738	0.0000000000	1.394163e+01	2.842300e-01
##	SAMPLE	22	0.000000e+00	0.0000000000	0.0100097927	3.523671e-01	1.169842e-01
##	SAMPLE	23	3.556104e-02	0.1577591558	0.0000000000	1.261602e+01	1.351153e+01
##	SAMPLE	24	9.634977e-04	0.0000000000	0.0002998543	5.997990e-01	0.000000e+00

##	SAMPLE	25	3.254009e-03	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	26	0.000000e+00	0.0000000000	0.0092998990	1.654744e-02	2.732923e-01
##	SAMPLE	27	5.046064e-02	0.0097671757	0.0000000000	7.301014e-01	1.305668e+01
##	SAMPLE	28	0.000000e+00	0.0000000000	0.0054293186	7.244206e-01	1.449661e+01
##	SAMPLE	29	2.039256e-02	0.0528773951	0.0019311368	0.000000e+00	0.000000e+00
##	SAMPLE	30	3.871047e-01	0.2179560746	0.0000000000	1.318069e+01	0.000000e+00
##	SAMPLE	31	1.137830e+01	0.2116095727	0.0000000000	2.405162e-03	1.237787e+01
##	SAMPLE	32	0.000000e+00	0.0000000000	0.0026631056	5.860752e-01	2.690497e-01
##	SAMPLE	33	0.000000e+00	0.0000000000	0.0000000000	4.386622e-01	1.232813e+01
##	SAMPLE	34	3.398514e-02	0.0175515641	0.0000000000	1.356243e+01	8.396233e-01
##	SAMPLE	35	1.940176e-01	0.0346224500	0.0003412784	5.757243e-01	0.000000e+00
##	SAMPLE	36	0.000000e+00	0.0000000000	0.0000000000	8.120630e-01	9.342278e-01
##	SAMPLE	37	0.000000e+00	0.0000000000	0.0000000000	6.010794e-01	4.346472e-02
##	SAMPLE	38	2.779046e-01	0.0811669830	0.0000000000	1.196850e+01	1.206244e+01
##	SAMPLE	39	2.345555e-02	0.0000000000	0.0549798001	7.996085e+00	5.629483e-01
##	SAMPLE	40	1.064451e-03	0.0000000000	0.0009930907	5.868034e-01	1.948014e-04
##	SAMPLE	41	5.104432e-03	0.0634010248	0.0067958020	1.214212e+01	6.281885e-01
##	SAMPLE	42	0.000000e+00	0.0000000000	0.0000000000	5.646017e-01	0.000000e+00
##	SAMPLE	43	2.395296e-01	0.1048848130	0.0000000000	3.590316e-01	1.902200e-02
##	SAMPLE	44	9.273035e-04	0.0000000000	0.0131757457	6.839531e-02	7.799352e-02
##	SAMPLE	45	5.140960e-02	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	46	0.000000e+00	0.0027039281	0.0048647961	4.785821e-01	9.091521e-01
##	SAMPLE	47	0.000000e+00	0.0000000000	0.0000000000	1.726045e-01	4.093701e-01
##	SAMPLE	48	1.544787e-01	0.0052377258	0.0326558775	0.000000e+00	1.183395e+01
##	SAMPLE	49	2.720973e-03	0.0000000000	0.0000000000	1.344605e+01	1.190974e+01
##	SAMPLE	50	1.613666e-01	0.0247496580	0.0000000000	7.708867e-01	4.534068e-02
##	SAMPLE	51	2.663311e-03	0.0000000000	0.0000000000	5.312317e-01	2.622739e-01
##	SAMPLE	52	1.196201e+01	0.0000000000	0.0000000000	0.000000e+00	2.497143e-01
##	SAMPLE	53	4.499779e-02	0.0138587908	0.0000000000	4.689327e-01	4.996089e-01
##	SAMPLE	54	1.283537e-01	0.0573537530	0.0000000000	1.347502e+01	4.704247e-01
##	SAMPLE	55	0.000000e+00	0.0000000000	0.0000000000	1.738496e-01	2.497147e-01
##	SAMPLE	56	4.355180e-02	0.0000000000	0.0030658522	0.000000e+00	1.358839e+01
##	SAMPLE	57	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	58	6.171287e-02	0.0061800093	0.0007333186	7.233414e-01	6.861131e-01
##	SAMPLE	59	3.583583e-01	0.0000000000	0.0000000000	5.111304e-01	4.886672e-01
##	SAMPLE	60	4.397586e-03	0.0000000000	0.0000000000	8.604859e-03	7.180404e-01
##	SAMPLE	61	0.000000e+00	0.0000000000	0.0000000000	1.039854e+01	3.402009e-03
##	SAMPLE	62	0.000000e+00	0.0326804038	0.0000000000	0.000000e+00	6.523420e-01
##	SAMPLE	63	4.365243e-02	0.0000000000	0.0000000000	1.184545e+01	0.000000e+00
##	SAMPLE	64	7.922896e-02	0.0000000000	0.0000000000	0.000000e+00	5.894175e-01
##	SAMPLE	65	4.099031e-02	0.0459426739	0.0041188242	1.372919e-02	0.000000e+00
##	SAMPLE	66	9.669768e-03	0.0299570566	0.0000000000	1.260551e+01	1.301334e+01
##	SAMPLE	67	0.000000e+00	0.0000000000	0.0000000000	4.711993e-01	1.441567e+01
##	SAMPLE	68	1.054165e-01	0.0000000000	0.0000000000	5.967229e-03	0.000000e+00
##	SAMPLE	69	0.000000e+00	0.0000000000	0.0000000000	1.319141e+01	5.691154e-01
##	SAMPLE	70	6.868021e-02	0.0000000000	0.0000000000	1.198724e+01	2.818689e-01
##	SAMPLE	71	4.493016e-02	0.0160797609	0.0000000000	1.185070e+01	9.347191e-02
##	SAMPLE	72	1.764647e-04	0.0000000000	0.0000000000	5.202800e-01	0.000000e+00
##	SAMPLE	73	6.895771e-03	0.0000000000	0.0000000000	8.022018e-01	6.650041e-01
##	SAMPLE	74	0.000000e+00	0.0000000000	0.0000000000	8.015414e-01	5.669367e-01
##	SAMPLE	75	9.743517e-03	0.0150145632	0.0000000000	1.248966e+01	2.576768e-02
##	SAMPLE	76	0.000000e+00	0.0181636166	0.0043056570	7.846662e-02	0.000000e+00
##	SAMPLE	77	8.225281e-03	0.0000000000	0.0000000000	0.000000e+00	1.802550e-02
##	SAMPLE	78	0.000000e+00	0.0000000000	0.0041856167	1.007021e-01	0.000000e+00
##	SAMPLE	79	0.000000e+00	0.0000000000	0.0000000000	7.936228e-01	1.243119e+01
##	SAMPLE	80	1.832341e-01	0.0893127171	0.0000000000	0.000000e+00	0.000000e+00

##	SAMPLE	81	4.974418e-04	0.0000000000	0.0000000000	1.417431e-01	8.799211e-04
##	SAMPLE	82	0.000000e+00	0.0000000000	0.0000000000	1.178256e+01	7.363880e-01
##	SAMPLE	83	7.782074e-02	0.0238043705	0.0000000000	1.224271e+01	1.255316e+01
##	SAMPLE	84	0.000000e+00	0.0054512518	0.0000000000	2.119543e-01	0.000000e+00
##	SAMPLE	85	0.000000e+00	0.0000000000	0.0000000000	1.322204e+01	0.000000e+00
##	SAMPLE	86	9.508788e-03	0.0378094900	0.0000000000	0.000000e+00	3.364174e-01
##	SAMPLE	87	7.316447e-03	0.0000000000	0.0000000000	0.000000e+00	1.377375e+01
##	SAMPLE	88	0.000000e+00	0.0000000000	0.0060596518	0.000000e+00	9.796796e-02
##	SAMPLE	89	9.697592e-02	0.0000000000	0.0000000000	5.071100e-03	0.000000e+00
##	SAMPLE	90	0.000000e+00	0.0000000000	0.0000000000	1.190007e+01	0.000000e+00
##	SAMPLE	91	2.231144e-03	0.0000000000	0.0008341044	1.566369e-01	8.585997e-01
##	SAMPLE	92	0.000000e+00	0.0000000000	0.0000000000	2.096013e-01	6.246963e-02
##	SAMPLE	93	3.488533e-03	0.0069405853	0.0028773895	3.432727e-04	0.000000e+00
##	SAMPLE	94	7.834486e-04	0.0000000000	0.0016532278	0.000000e+00	0.000000e+00
##	SAMPLE	95	1.553067e-01	0.0222022605	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	96	0.000000e+00	0.0000000000	0.0077790561	1.215572e+01	8.803607e-03
##	SAMPLE	97	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	9.359390e-02
##	SAMPLE	98	5.416306e-02	0.0059948200	0.0000000000	1.192066e+01	1.268602e+01
##	SAMPLE	99	4.446215e-02	0.0000000000	0.0000000000	0.000000e+00	1.251492e+01
##	SAMPLE	100	1.464126e-01	0.0022732314	0.1419637008	1.203651e+01	9.172474e-04
##	SAMPLE	101	3.640567e-03	0.0079824559	0.0000000000	7.436572e-01	1.374943e+01
##	SAMPLE	102	0.000000e+00	0.0000000000	0.0000000000	6.576274e-01	2.854003e-01
##	SAMPLE	103	2.346302e-02	0.0000000000	0.0000000000	3.038118e-01	0.000000e+00
##	SAMPLE	104	0.000000e+00	0.0000000000	0.0076982316	5.179720e-01	1.339331e-01
##	SAMPLE	105	3.963716e-03	0.0028713562	0.0000000000	1.280102e+01	0.000000e+00
##	SAMPLE	106	3.696703e-03	0.0189081108	0.0000000000	1.203821e+01	2.817878e-02
##	SAMPLE	107	2.443046e-04	0.0000000000	0.0000000000	2.910918e-01	1.355915e+01
##	SAMPLE	108	0.000000e+00	0.0000000000	0.0036990177	1.266142e+01	0.000000e+00
##	SAMPLE	109	9.871203e-03	0.0000000000	0.0681242214	1.327539e-01	0.000000e+00
##	SAMPLE	110	5.945291e-03	0.0000000000	0.0000000000	1.243895e-01	9.084075e-02
##	SAMPLE	111	0.000000e+00	0.0000000000	0.0472778123	7.136638e-01	0.000000e+00
##	SAMPLE	112	1.846057e-04	0.0000000000	0.0000000000	1.388829e+01	1.563729e-01
##	SAMPLE	113	2.689780e-01	0.0000000000	0.0000000000	1.292142e+01	0.000000e+00
##	SAMPLE	114	0.000000e+00	0.0000000000	0.0000000000	5.259778e-01	0.000000e+00
##	SAMPLE	115	2.871177e-02	0.0000000000	0.0000000000	6.000846e-01	1.896603e-02
##	SAMPLE	116	6.394671e-02	0.0142958450	0.0000000000	5.545243e-04	0.000000e+00
##	SAMPLE	117	2.201723e-04	0.0000000000	0.0000000000	3.503244e-01	0.000000e+00
##	SAMPLE	118	0.000000e+00	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	119	0.000000e+00	0.0000000000	0.0000000000	8.044716e-02	0.000000e+00
##	SAMPLE	120	1.160346e-02	0.0000000000	0.0000000000	0.000000e+00	1.236636e+01
##	SAMPLE	121	3.981966e-03	0.0000000000	0.0042811716	0.000000e+00	1.897009e-03
##			OTU 91	OTU 97	OTU 99	OTU 101	OTU 103
##	SAMPLE	1	0.000000e+00	2.433180e-01	0.000000e+00	5.898010e-01	0.000000e+00
##	SAMPLE	2	0.000000e+00	2.131969e-01	0.000000e+00	5.025015e-03	9.338465e+00
##	SAMPLE	3	0.000000e+00	2.266438e-01	0.000000e+00	5.164328e-04	0.000000e+00
##	SAMPLE	4	9.940768e+00	1.284431e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	5	1.060585e-01	1.840714e-03	1.196307e+01	0.000000e+00	3.616366e-01
##	SAMPLE	6	0.000000e+00	1.283044e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	7	0.000000e+00	1.212261e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	8	1.233970e+01	1.092582e-03	1.400144e+01	2.744646e-01	4.987416e-01
##	SAMPLE	9	0.000000e+00	6.051221e-01	1.025883e+01	0.000000e+00	0.000000e+00
##	SAMPLE	10	0.000000e+00	2.858750e-01	1.328718e+01	0.000000e+00	0.000000e+00
##	SAMPLE	11	0.000000e+00	1.262242e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	12	9.183811e-02	8.124260e-02	0.000000e+00	2.713069e-03	0.000000e+00
##	SAMPLE	13	1.701315e-01	1.960624e-03	0.000000e+00	2.990990e-03	4.993365e-01
##	SAMPLE	14	8.892496e-04	1.235575e+01	4.621582e-01	1.250539e+01	0.000000e+00

##	SAMPLE	15	0.000000e+00	1.234771e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	16	0.000000e+00	7.181107e-03	1.812238e-01	0.000000e+00	0.000000e+00
##	SAMPLE	17	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	18	0.000000e+00	1.415217e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	19	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	20	0.000000e+00	5.997391e-01	3.446338e-03	2.862187e-03	0.000000e+00
##	SAMPLE	21	0.000000e+00	1.759387e-01	0.000000e+00	5.597288e-02	0.000000e+00
##	SAMPLE	22	1.214367e-01	3.559132e-01	4.283941e-01	1.120219e-03	7.587411e-02
##	SAMPLE	23	1.224736e+01	1.245265e+01	0.000000e+00	1.244826e+01	1.223405e+01
##	SAMPLE	24	0.000000e+00	3.268950e-01	2.524533e-03	1.805026e-01	0.000000e+00
##	SAMPLE	25	0.000000e+00	1.344273e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	26	0.000000e+00	3.092590e-01	0.000000e+00	8.317492e-03	0.000000e+00
##	SAMPLE	27	8.823668e-03	3.691995e-01	1.223600e+01	7.863321e-01	0.000000e+00
##	SAMPLE	28	0.000000e+00	1.042715e+01	1.235538e+01	1.868285e-02	3.080136e-01
##	SAMPLE	29	0.000000e+00	2.976899e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	30	0.000000e+00	1.304442e+00	0.000000e+00	0.000000e+00	1.216328e+01
##	SAMPLE	31	0.000000e+00	1.342868e+01	7.642542e-03	0.000000e+00	1.320511e+01
##	SAMPLE	32	6.238889e-02	1.902241e-01	1.049741e-01	7.365826e-02	3.797128e-01
##	SAMPLE	33	9.727047e-02	4.531010e-01	0.000000e+00	4.799918e-01	3.181170e-01
##	SAMPLE	34	1.105522e+01	1.324705e+01	0.000000e+00	0.000000e+00	1.306074e+01
##	SAMPLE	35	0.000000e+00	1.149221e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	36	3.523608e-02	1.229597e+01	1.236587e+01	0.000000e+00	2.378323e-01
##	SAMPLE	37	0.000000e+00	1.151494e-01	6.016738e-02	0.000000e+00	0.000000e+00
##	SAMPLE	38	5.025743e-01	3.044830e-02	4.351183e-01	3.915241e-01	0.000000e+00
##	SAMPLE	39	0.000000e+00	5.790034e-01	2.544445e-03	3.517830e-02	0.000000e+00
##	SAMPLE	40	0.000000e+00	1.085945e-01	4.969644e-02	2.876635e-02	6.989053e-03
##	SAMPLE	41	1.562449e-01	1.306800e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	42	0.000000e+00	5.964031e-01	0.000000e+00	1.513342e-02	0.000000e+00
##	SAMPLE	43	0.000000e+00	0.000000e+00	1.196744e+01	0.000000e+00	0.000000e+00
##	SAMPLE	44	7.077567e-04	2.742838e-01	1.240542e+01	2.503790e-02	0.000000e+00
##	SAMPLE	45	0.000000e+00	3.920342e-04	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	46	0.000000e+00	2.284989e-01	1.285072e+01	0.000000e+00	0.000000e+00
##	SAMPLE	47	1.155518e-01	3.264336e-03	5.238803e-02	7.739190e-03	0.000000e+00
##	SAMPLE	48	0.000000e+00	1.716368e-02	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	49	4.768847e-02	2.715850e-01	1.305181e+01	0.000000e+00	0.000000e+00
##	SAMPLE	50	0.000000e+00	6.776349e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	51	1.401608e-01	4.368871e-03	4.976813e-01	1.120153e-02	6.993538e-01
##	SAMPLE	52	0.000000e+00	0.000000e+00	0.000000e+00	6.858813e-02	0.000000e+00
##	SAMPLE	53	0.000000e+00	6.770869e-04	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	54	0.000000e+00	1.274614e+01	0.000000e+00	8.528686e-02	1.885855e-03
##	SAMPLE	55	4.151243e-02	1.170837e+01	6.585920e-01	1.224529e+01	0.000000e+00
##	SAMPLE	56	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	57	0.000000e+00	1.483441e+01	2.308007e-02	0.000000e+00	1.420844e+01
##	SAMPLE	58	0.000000e+00	7.400945e-03	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	59	1.324652e+01	1.234917e+01	9.680645e-02	1.582130e-02	2.434898e-01
##	SAMPLE	60	3.182647e-01	1.285259e+01	1.529706e-02	0.000000e+00	0.000000e+00
##	SAMPLE	61	0.000000e+00	1.970831e-01	2.182121e-02	3.077470e-02	1.243490e-01
##	SAMPLE	62	0.000000e+00	6.243511e-03	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	63	0.000000e+00	1.243807e+01	0.000000e+00	9.577880e+00	0.000000e+00
##	SAMPLE	64	8.935357e-02	5.554645e-02	8.866855e-02	0.000000e+00	1.217459e+01
##	SAMPLE	65	0.000000e+00	1.025233e-02	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	66	0.000000e+00	1.966627e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	67	0.000000e+00	0.000000e+00	1.265705e+01	0.000000e+00	0.000000e+00
##	SAMPLE	68	0.000000e+00	9.523263e-04	0.000000e+00	1.094760e+01	0.000000e+00
##	SAMPLE	69	0.000000e+00	7.199520e-01	0.000000e+00	0.000000e+00	4.112285e-02
##	SAMPLE	70	2.019039e-01	1.252898e+01	0.000000e+00	5.250364e-01	1.070537e-01

##	SAMPLE	71	0.000000e+00	3.077068e-02	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	72	0.000000e+00	1.550590e-01	5.446882e-02	1.791434e-03	2.029265e-02
##	SAMPLE	73	0.000000e+00	1.240517e+01	0.000000e+00	7.561000e-01	4.447247e-01
##	SAMPLE	74	3.971496e-02	1.255668e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	75	0.000000e+00	1.150857e-01	0.000000e+00	8.516336e-02	2.832631e-01
##	SAMPLE	76	0.000000e+00	1.038255e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	77	0.000000e+00	3.073757e-01	1.029652e+01	0.000000e+00	0.000000e+00
##	SAMPLE	78	3.015409e-03	5.200804e-01	5.094108e-04	1.004476e+01	1.173811e+01
##	SAMPLE	79	6.056421e-01	2.191828e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	80	6.141697e-04	6.179350e-01	1.392815e+01	1.204147e+01	4.376673e-01
##	SAMPLE	81	1.509677e-01	1.602384e-01	2.707446e-01	0.000000e+00	3.607206e-02
##	SAMPLE	82	4.650242e-03	2.186562e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	83	0.000000e+00	1.449602e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	84	5.349985e-02	1.200969e+01	0.000000e+00	1.272373e-01	0.000000e+00
##	SAMPLE	85	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	86	0.000000e+00	7.541438e-03	0.000000e+00	7.667050e-04	0.000000e+00
##	SAMPLE	87	0.000000e+00	4.551916e-01	4.483439e-04	1.327597e+01	1.262039e+01
##	SAMPLE	88	0.000000e+00	1.178733e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	89	1.249972e+01	1.375749e+01	0.000000e+00	3.236824e-02	0.000000e+00
##	SAMPLE	90	0.000000e+00	5.399044e-01	4.098902e-01	0.000000e+00	3.251544e-02
##	SAMPLE	91	1.351477e-01	8.010787e-01	0.000000e+00	3.815335e-02	9.710894e-01
##	SAMPLE	92	4.062981e-04	1.244968e+01	8.215063e-02	1.446684e-03	0.000000e+00
##	SAMPLE	93	0.000000e+00	2.608368e-03	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	94	0.000000e+00	4.039786e-01	0.000000e+00	9.498418e-02	2.921185e-01
##	SAMPLE	95	0.000000e+00	1.320549e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	96	0.000000e+00	5.216113e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	97	0.000000e+00	6.624443e-02	1.190144e-01	0.000000e+00	9.809165e-02
##	SAMPLE	98	0.000000e+00	7.070528e-01	0.000000e+00	1.306247e+01	0.000000e+00
##	SAMPLE	99	0.000000e+00	3.548955e-01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	100	0.000000e+00	2.568273e-01	1.007581e-01	1.412893e-01	1.284593e-01
##	SAMPLE	101	4.526470e-01	1.289207e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	102	2.338563e-01	1.233201e+01	1.365948e+01	0.000000e+00	1.840203e-01
##	SAMPLE	103	0.000000e+00	1.248882e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	104	2.785425e-01	2.454413e-01	4.726080e-04	6.187831e-03	4.747098e-01
##	SAMPLE	105	0.000000e+00	2.221435e-02	0.000000e+00	7.826221e-04	4.269607e-04
##	SAMPLE	106	0.000000e+00	4.987689e-02	0.000000e+00	1.333522e-02	0.000000e+00
##	SAMPLE	107	0.000000e+00	1.418900e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	108	1.349198e-01	5.590659e-01	6.839734e-01	4.584082e-03	1.796625e-01
##	SAMPLE	109	0.000000e+00	5.273169e-02	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	110	0.000000e+00	3.862622e-02	1.256038e+01	0.000000e+00	3.313373e-02
##	SAMPLE	111	0.000000e+00	1.044996e-01	3.581441e-03	0.000000e+00	0.000000e+00
##	SAMPLE	112	2.772087e-01	4.256733e-01	2.572034e-02	2.242496e-03	1.265232e+01
##	SAMPLE	113	1.365556e+01	0.000000e+00	8.082835e-04	3.312648e-01	0.000000e+00
##	SAMPLE	114	4.983347e-02	7.489493e-01	6.450554e-01	9.898897e+00	0.000000e+00
##	SAMPLE	115	0.000000e+00	1.433919e+01	0.000000e+00	0.000000e+00	7.306565e-01
##	SAMPLE	116	0.000000e+00	1.265417e+01	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	117	0.000000e+00	1.847965e-01	1.597802e-01	0.000000e+00	0.000000e+00
##	SAMPLE	118	0.000000e+00	3.919358e-01	1.425999e-03	0.000000e+00	0.000000e+00
##	SAMPLE	119	0.000000e+00	1.195488e+01	0.000000e+00	0.000000e+00	8.447059e-01
##	SAMPLE	120	3.747202e-02	5.210660e-02	6.883680e-01	0.000000e+00	0.000000e+00
##	SAMPLE	121	0.000000e+00	3.424716e-01	0.000000e+00	1.395102e-02	0.000000e+00
##			OTU 105	OTU 107	OTU 109	OTU 111	OTU 113
##	SAMPLE	1	2.474434e-01	0.000000000	0.000000e+00	0.000000000	12.539627301
##	SAMPLE	2	0.000000e+00	0.000000000	1.312731e+01	0.023549113	0.664187863
##	SAMPLE	3	3.761709e-01	0.238820695	0.000000e+00	0.006051306	0.534267259
##	SAMPLE	4	5.312030e-01	12.056519079	1.364741e+01	0.037111908	0.574274493

##	SAMPLE	5	1.214327e-01	0.000000000	0.000000e+00	0.000000000	0.073848997
##	SAMPLE	6	2.853491e-02	0.000000000	3.916231e-01	0.306843447	12.006013886
##	SAMPLE	7	1.329691e-01	0.000000000	1.355487e+01	0.000000000	0.875574492
##	SAMPLE	8	0.000000e+00	0.044669347	1.372325e+01	0.349968016	0.077825363
##	SAMPLE	9	0.000000e+00	0.000000000	0.000000e+00	0.001462007	12.312027927
##	SAMPLE	10	1.233446e+01	0.016401167	0.000000e+00	0.008307862	0.111293459
##	SAMPLE	11	2.273631e-01	0.000000000	0.000000e+00	0.000000000	0.550548161
##	SAMPLE	12	3.264687e-01	0.701906437	0.000000e+00	0.001100394	0.098649925
##	SAMPLE	13	4.587135e-01	0.000000000	4.495990e-03	0.025180498	0.073871517
##	SAMPLE	14	0.000000e+00	0.000000000	1.466009e+01	0.000000000	13.133598059
##	SAMPLE	15	0.000000e+00	13.037890908	1.415133e+01	12.699356847	13.288104139
##	SAMPLE	16	1.262401e+01	0.000000000	0.000000e+00	0.000000000	0.026847765
##	SAMPLE	17	1.323747e+01	12.012405126	0.000000e+00	0.000000000	0.195033674
##	SAMPLE	18	1.064552e+01	0.329300468	0.000000e+00	0.000000000	1.007190360
##	SAMPLE	19	0.000000e+00	0.000000000	1.432917e-02	0.000000000	0.000000000
##	SAMPLE	20	1.215554e+01	0.000000000	7.258625e-04	0.000000000	0.069574649
##	SAMPLE	21	1.114092e-02	0.000000000	0.000000e+00	0.038373063	11.802662882
##	SAMPLE	22	0.000000e+00	0.000000000	7.091771e-01	0.000000000	12.358467337
##	SAMPLE	23	2.487815e-01	0.002319551	0.000000e+00	0.096652850	0.602882339
##	SAMPLE	24	1.640205e-02	0.000000000	6.387361e-01	0.000000000	0.530296768
##	SAMPLE	25	0.000000e+00	0.000000000	1.290844e+01	0.000000000	0.000000000
##	SAMPLE	26	0.000000e+00	0.000000000	0.000000e+00	0.214148706	0.000000000
##	SAMPLE	27	3.350593e-01	0.003419424	9.303959e-02	0.044212498	0.047030094
##	SAMPLE	28	6.772314e-01	0.606190954	0.000000e+00	0.000000000	0.913601060
##	SAMPLE	29	1.221472e-01	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	30	0.000000e+00	0.000000000	6.787663e-01	0.000000000	0.000423261
##	SAMPLE	31	1.254992e+01	0.000000000	3.829557e-02	0.000000000	0.716908167
##	SAMPLE	32	0.000000e+00	0.000000000	4.650584e-01	0.028575899	0.112361361
##	SAMPLE	33	0.000000e+00	0.000000000	1.242678e+01	0.000000000	0.328481591
##	SAMPLE	34	4.180883e-01	0.000000000	0.000000e+00	0.000000000	13.290074184
##	SAMPLE	35	0.000000e+00	0.000000000	7.158369e-01	0.000000000	0.290108229
##	SAMPLE	36	0.000000e+00	0.000000000	1.609489e-03	0.000000000	0.397765384
##	SAMPLE	37	0.000000e+00	0.000000000	1.266788e+01	0.000000000	0.123910252
##	SAMPLE	38	0.000000e+00	0.000000000	1.243319e+01	0.000000000	12.209843158
##	SAMPLE	39	1.243715e+01	12.665690000	2.203338e-01	13.427156855	0.077851068
##	SAMPLE	40	1.815983e-01	0.000000000	3.598571e-01	0.011454524	10.334452342
##	SAMPLE	41	3.187966e-02	0.010649233	0.000000e+00	0.000000000	0.352047638
##	SAMPLE	42	1.284031e+01	0.000000000	0.000000e+00	0.078162535	0.032585448
##	SAMPLE	43	1.313075e-01	0.000000000	0.000000e+00	0.000000000	0.269338667
##	SAMPLE	44	0.000000e+00	12.960480523	0.000000e+00	0.161569257	0.636293500
##	SAMPLE	45	0.000000e+00	0.000000000	0.000000e+00	0.000000000	0.183746338
##	SAMPLE	46	6.966624e-01	0.000000000	1.195838e+01	0.304965894	0.008520173
##	SAMPLE	47	1.376063e+01	0.000000000	1.872255e-01	12.539804685	0.061427688
##	SAMPLE	48	1.366273e+01	0.000000000	0.000000e+00	0.000000000	13.123477067
##	SAMPLE	49	0.000000e+00	0.000000000	0.000000e+00	0.000000000	0.528694707
##	SAMPLE	50	1.322864e+01	0.002073005	0.000000e+00	0.000000000	8.996973541
##	SAMPLE	51	3.196923e-01	0.102940826	8.334780e-01	0.000000000	0.119077293
##	SAMPLE	52	1.333813e-02	0.000000000	0.000000e+00	0.013289326	11.371132547
##	SAMPLE	53	1.407449e-01	0.162444778	0.000000e+00	0.000000000	0.164192262
##	SAMPLE	54	0.000000e+00	0.000000000	0.000000e+00	0.000000000	13.243687830
##	SAMPLE	55	0.000000e+00	0.000000000	1.239183e+01	0.000000000	0.582277522
##	SAMPLE	56	0.000000e+00	0.000000000	0.000000e+00	0.000000000	13.700247443
##	SAMPLE	57	1.209754e+01	0.000000000	0.000000e+00	0.000000000	13.783861415
##	SAMPLE	58	1.017713e-01	0.000000000	0.000000e+00	0.000000000	12.497882543
##	SAMPLE	59	0.000000e+00	12.543438226	6.925130e-01	0.073950385	0.581365694
##	SAMPLE	60	1.199253e+01	0.000000000	1.337991e+01	0.028157219	12.280889381

##	SAMPLE	61	0.000000e+00	0.000000000	2.697016e-02	0.000000000	0.045135630
##	SAMPLE	62	1.305366e+01	0.000000000	0.000000e+00	0.094016207	12.088529088
##	SAMPLE	63	0.000000e+00	0.000000000	0.000000e+00	0.000000000	8.517833382
##	SAMPLE	64	1.308762e+01	0.000000000	0.000000e+00	0.000000000	0.642478309
##	SAMPLE	65	4.907115e-02	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	66	2.723244e-01	0.345815088	0.000000e+00	0.132522420	0.396764456
##	SAMPLE	67	1.669191e-01	0.000000000	0.000000e+00	0.000000000	0.080270981
##	SAMPLE	68	1.312897e+01	0.000000000	0.000000e+00	12.457194076	0.024679919
##	SAMPLE	69	4.700320e-01	9.549992376	1.286310e+01	0.035414317	13.003024881
##	SAMPLE	70	1.150166e-01	0.000000000	1.272907e+01	0.000000000	0.647495560
##	SAMPLE	71	4.827697e-01	0.000000000	1.193249e+01	0.000000000	13.520897850
##	SAMPLE	72	2.564620e-02	0.000000000	1.225745e+01	0.000000000	0.031450207
##	SAMPLE	73	1.259917e+01	0.000000000	0.000000e+00	0.054290928	0.718646893
##	SAMPLE	74	0.000000e+00	0.000000000	0.000000e+00	0.000000000	0.390435553
##	SAMPLE	75	1.443070e+01	0.000000000	0.000000e+00	0.000000000	0.796943686
##	SAMPLE	76	0.000000e+00	0.000000000	1.472587e-02	0.000000000	0.035142833
##	SAMPLE	77	3.973138e-01	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	78	1.182045e+01	0.000000000	2.358467e-01	0.000000000	0.070274065
##	SAMPLE	79	4.395916e-02	0.000000000	1.343131e+01	0.024335988	12.445609887
##	SAMPLE	80	0.000000e+00	0.000000000	0.000000e+00	0.000000000	0.695429264
##	SAMPLE	81	0.000000e+00	0.157103227	1.291408e+01	0.000000000	0.188518425
##	SAMPLE	82	0.000000e+00	0.000000000	1.419113e-02	0.000000000	0.305639637
##	SAMPLE	83	1.215681e+01	0.000000000	0.000000e+00	0.105345878	12.243859276
##	SAMPLE	84	0.000000e+00	0.000000000	1.669984e-01	0.000000000	0.133743847
##	SAMPLE	85	1.408874e+01	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	86	0.000000e+00	0.000000000	0.000000e+00	0.000000000	0.005056060
##	SAMPLE	87	1.331470e+01	0.000000000	0.000000e+00	0.000000000	0.039063793
##	SAMPLE	88	1.202921e-01	0.002978422	1.262002e+01	0.000000000	10.225275584
##	SAMPLE	89	0.000000e+00	0.000000000	1.267183e+01	0.000000000	13.586416746
##	SAMPLE	90	3.854215e-02	0.028894954	1.319607e+01	0.000000000	0.246275327
##	SAMPLE	91	9.267397e-04	0.000000000	8.397500e-01	0.000000000	0.338070769
##	SAMPLE	92	0.000000e+00	0.000000000	1.295997e+01	0.000000000	0.483920588
##	SAMPLE	93	7.629751e+00	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	94	0.000000e+00	0.000000000	1.641578e-01	0.211695152	0.763601003
##	SAMPLE	95	1.119819e+00	0.000000000	0.000000e+00	0.005304830	1.091165666
##	SAMPLE	96	1.282828e-01	0.048230757	0.000000e+00	0.000000000	0.045975691
##	SAMPLE	97	0.000000e+00	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	98	1.206213e+01	0.000000000	0.000000e+00	0.041632923	0.281605005
##	SAMPLE	99	1.259723e+01	0.000000000	0.000000e+00	0.000000000	12.537478681
##	SAMPLE	100	0.000000e+00	0.000000000	0.000000e+00	0.000000000	0.102184156
##	SAMPLE	101	1.188316e+01	0.000000000	0.000000e+00	0.018129683	0.116961070
##	SAMPLE	102	0.000000e+00	0.011200061	1.128737e+01	0.000000000	0.002537505
##	SAMPLE	103	3.803573e-01	0.000000000	0.000000e+00	0.000000000	0.477565398
##	SAMPLE	104	1.294003e-03	0.000000000	7.459607e-01	0.004777426	0.074343383
##	SAMPLE	105	3.067238e-01	0.000000000	0.000000e+00	0.000000000	13.168607055
##	SAMPLE	106	1.261668e+01	0.000000000	0.000000e+00	0.000000000	0.002945384
##	SAMPLE	107	0.000000e+00	0.000000000	0.000000e+00	0.019752185	14.051646366
##	SAMPLE	108	0.000000e+00	0.000000000	7.104184e-01	0.015193749	0.038036431
##	SAMPLE	109	5.077161e-02	0.141884441	0.000000e+00	0.000000000	0.243894712
##	SAMPLE	110	1.549723e-01	12.900191761	1.474422e+01	0.219216669	0.063670309
##	SAMPLE	111	0.000000e+00	0.034188222	0.000000e+00	0.000000000	0.021179160
##	SAMPLE	112	6.152512e-01	0.000000000	1.396073e+01	0.000000000	0.134019362
##	SAMPLE	113	0.000000e+00	0.000000000	0.000000e+00	0.000000000	0.277739507
##	SAMPLE	114	0.000000e+00	0.000000000	3.895096e-01	0.000000000	0.046023462
##	SAMPLE	115	1.630649e-01	0.000000000	0.000000e+00	0.001320039	11.863974264
##	SAMPLE	116	8.656669e-02	0.000000000	0.000000e+00	0.000000000	0.618066219

##	SAMPLE	117	2.448361e-01	0.000000000	0.000000e+00	0.000000000	0.016186634
##	SAMPLE	118	0.000000e+00	0.000000000	0.000000e+00	0.000000000	0.096911949
##	SAMPLE	119	0.000000e+00	0.501324949	0.000000e+00	0.000000000	0.581276924
##	SAMPLE	120	0.000000e+00	0.000000000	1.280823e+01	12.644330687	0.008594742
##	SAMPLE	121	2.536551e-01	0.000000000	1.932994e-03	0.250722672	0.255853471
##			OTU 115	OTU 117	OTU 119	OTU 121	OTU 123
##	SAMPLE	1	0.000000000	0.000000000	0.000000e+00	1.299824e-01	12.621090948
##	SAMPLE	2	0.000000000	0.000000000	0.000000e+00	4.011382e-01	12.398493922
##	SAMPLE	3	0.000000000	0.000000000	0.000000e+00	3.389067e-01	0.186157400
##	SAMPLE	4	0.000000000	0.000000000	0.000000e+00	1.198575e+01	14.281222395
##	SAMPLE	5	13.614008123	0.000000000	1.211052e+01	3.173400e-01	13.152482406
##	SAMPLE	6	0.000000000	0.000000000	0.000000e+00	6.337791e-01	12.437841850
##	SAMPLE	7	0.000000000	12.143042657	0.000000e+00	1.302269e+01	10.426897018
##	SAMPLE	8	0.000000000	0.532914986	2.930473e-01	6.349164e-01	0.302776162
##	SAMPLE	9	0.000000000	0.000000000	1.446635e+01	3.212101e-01	12.743500189
##	SAMPLE	10	0.030414731	0.000000000	1.195494e+01	1.844309e-01	12.528315011
##	SAMPLE	11	0.000000000	0.601009448	0.000000e+00	6.261767e-01	12.441822967
##	SAMPLE	12	0.000000000	0.000000000	2.669367e-02	2.813872e-01	14.107578651
##	SAMPLE	13	0.000000000	0.000000000	1.183410e-02	8.182652e-02	10.542061912
##	SAMPLE	14	14.864007655	0.442444334	1.244690e+01	0.000000e+00	0.406979338
##	SAMPLE	15	0.000000000	0.000000000	0.000000e+00	1.329196e+01	10.461693637
##	SAMPLE	16	0.081580655	0.000000000	2.551884e-04	1.573477e-01	0.567313971
##	SAMPLE	17	0.000000000	11.704422528	1.254193e+01	0.000000e+00	13.313398834
##	SAMPLE	18	0.888965074	13.204497197	1.467758e+01	1.275542e+01	12.825275744
##	SAMPLE	19	0.022985866	0.000000000	8.548833e-04	0.000000e+00	0.010404663
##	SAMPLE	20	0.000000000	0.000000000	1.180040e+01	1.349120e+01	0.378170859
##	SAMPLE	21	12.104323962	0.000000000	0.000000e+00	1.198164e+01	13.454597241
##	SAMPLE	22	0.000000000	0.008380324	6.891797e-02	5.365792e-02	0.916182562
##	SAMPLE	23	12.087639635	0.000000000	5.686353e-03	3.025642e-01	10.940977976
##	SAMPLE	24	0.193602674	0.072496496	7.853158e-01	9.184625e-02	12.375646654
##	SAMPLE	25	0.125839050	0.000000000	0.000000e+00	6.773131e-01	12.090821948
##	SAMPLE	26	0.000000000	0.000000000	0.000000e+00	0.000000e+00	0.520230428
##	SAMPLE	27	0.779402427	0.657934276	1.429384e+01	5.774012e-03	0.752583785
##	SAMPLE	28	10.024310014	0.000000000	0.000000e+00	4.659102e-01	11.059919791
##	SAMPLE	29	0.032509437	0.000000000	0.000000e+00	2.454206e-02	0.001799158
##	SAMPLE	30	0.000000000	0.000000000	0.000000e+00	1.340218e+01	14.962943089
##	SAMPLE	31	0.000000000	0.000000000	0.000000e+00	5.873489e-01	13.347906615
##	SAMPLE	32	0.485701567	0.000000000	5.053852e-03	2.000836e-01	0.573380838
##	SAMPLE	33	0.000000000	0.190006866	1.677177e-01	0.000000e+00	13.546715921
##	SAMPLE	34	0.000000000	0.000000000	0.000000e+00	0.000000e+00	0.714552885
##	SAMPLE	35	0.002741155	0.068697172	7.156622e-03	1.074777e-01	0.720033784
##	SAMPLE	36	0.000000000	0.000000000	7.004594e-01	1.295312e-01	12.896045677
##	SAMPLE	37	12.130096163	0.000000000	3.922041e-01	5.075358e-02	0.652892600
##	SAMPLE	38	0.000000000	0.000000000	9.250539e-03	1.575691e-01	13.045108766
##	SAMPLE	39	0.000000000	13.366518616	3.185477e-02	4.508126e-01	13.024567635
##	SAMPLE	40	0.459186388	0.000000000	1.015908e-01	1.642267e-01	0.059669165
##	SAMPLE	41	0.000000000	0.360005159	1.228602e+01	7.057772e-01	12.214039154
##	SAMPLE	42	0.105568015	0.615428271	0.000000e+00	8.801482e-01	0.234323763
##	SAMPLE	43	0.000000000	0.000000000	0.000000e+00	1.089857e-01	12.022612523
##	SAMPLE	44	0.000000000	0.000000000	8.197137e-02	2.614152e-01	0.159906142
##	SAMPLE	45	0.000000000	0.000000000	0.000000e+00	0.000000e+00	10.652737870
##	SAMPLE	46	0.718097708	0.000000000	5.616465e-02	3.744878e-01	0.471110784
##	SAMPLE	47	0.000000000	0.000000000	1.359739e+01	1.206467e+01	12.279765636
##	SAMPLE	48	0.000000000	0.000000000	2.827672e-03	0.000000e+00	13.991392748
##	SAMPLE	49	0.000000000	0.000000000	3.071469e-04	0.000000e+00	13.341958598
##	SAMPLE	50	0.000000000	0.063827961	9.871368e+00	6.732371e-02	12.029454784

##	SAMPLE	51	0.000000000	0.241544375	3.471544e-01	1.281175e-01	1.180122039
##	SAMPLE	52	0.000000000	0.000000000	0.000000e+00	1.317792e+01	0.033699201
##	SAMPLE	53	0.353236397	0.000000000	0.000000e+00	6.803479e-02	0.616176343
##	SAMPLE	54	0.020246991	0.000000000	6.471572e-02	1.025609e+01	12.031088722
##	SAMPLE	55	13.062986339	0.000000000	7.059092e-01	6.048593e-02	12.087544246
##	SAMPLE	56	0.000000000	0.000000000	0.000000e+00	0.000000e+00	0.234666401
##	SAMPLE	57	0.000000000	0.000000000	0.000000e+00	0.000000e+00	14.289998240
##	SAMPLE	58	0.000000000	0.661602302	1.308097e+01	6.731443e-01	14.130468035
##	SAMPLE	59	0.058752039	0.000000000	1.442843e-02	1.257493e+01	12.227347342
##	SAMPLE	60	13.923273261	0.000000000	2.431931e-02	1.226486e+01	11.931139222
##	SAMPLE	61	12.627010601	0.000000000	5.410914e-03	1.865839e-01	0.418771779
##	SAMPLE	62	0.000000000	0.000000000	0.000000e+00	1.216644e+01	13.154956489
##	SAMPLE	63	0.000000000	0.000000000	0.000000e+00	6.339601e-03	12.467522831
##	SAMPLE	64	12.969433523	0.000000000	8.141403e-04	1.301690e+01	12.773343692
##	SAMPLE	65	0.000000000	0.000000000	0.000000e+00	0.000000e+00	0.002457495
##	SAMPLE	66	0.000000000	0.000000000	0.000000e+00	5.200402e-01	12.668242590
##	SAMPLE	67	0.011692723	0.000000000	0.000000e+00	1.721011e-01	12.265681192
##	SAMPLE	68	0.000000000	0.000000000	3.009852e-02	7.395723e-01	0.044923793
##	SAMPLE	69	0.000000000	0.000000000	1.215377e+01	1.732827e-01	0.642104026
##	SAMPLE	70	0.000000000	0.757691137	1.006267e+01	1.510354e-01	0.282242202
##	SAMPLE	71	0.000000000	0.000000000	4.982506e-03	6.173961e-01	9.911071071
##	SAMPLE	72	0.867577141	0.000000000	1.764671e-02	6.472430e-02	0.610595981
##	SAMPLE	73	0.000000000	0.000000000	7.992523e-02	8.359501e-01	12.505483154
##	SAMPLE	74	0.000000000	0.000000000	1.367560e+01	1.202534e+01	12.303396383
##	SAMPLE	75	0.217642880	0.250270986	0.000000e+00	5.195236e-01	0.623098822
##	SAMPLE	76	0.251743397	0.000356543	3.112377e-02	2.392509e-02	0.068559841
##	SAMPLE	77	0.000000000	0.000000000	1.265821e+01	4.192838e-01	12.612186206
##	SAMPLE	78	0.000000000	0.421807445	5.741427e-01	2.559732e-01	0.556012439
##	SAMPLE	79	14.341947360	0.358451141	0.000000e+00	5.507425e-01	13.209625653
##	SAMPLE	80	0.000000000	0.000000000	1.347088e+01	3.439903e-01	0.669026381
##	SAMPLE	81	0.000000000	0.000000000	0.000000e+00	2.018239e-02	11.905760089
##	SAMPLE	82	0.000000000	0.000000000	3.990290e-01	7.169709e-02	0.554061349
##	SAMPLE	83	0.000000000	0.000000000	0.000000e+00	7.683462e-01	14.507020294
##	SAMPLE	84	12.999099993	0.000000000	4.244425e-01	0.000000e+00	12.376570262
##	SAMPLE	85	0.082710201	0.000000000	4.786230e-01	0.000000e+00	0.270257925
##	SAMPLE	86	12.627973530	0.000000000	0.000000e+00	6.538171e-01	0.109945310
##	SAMPLE	87	0.000000000	11.839843255	0.000000e+00	0.000000e+00	14.359694983
##	SAMPLE	88	0.000000000	0.000000000	1.258725e+01	0.000000e+00	11.956023852
##	SAMPLE	89	0.144399176	0.000000000	2.623273e-02	1.419335e+01	0.048779075
##	SAMPLE	90	0.000000000	0.000000000	1.278078e+01	1.388323e-02	0.338328460
##	SAMPLE	91	12.645955036	0.051563532	8.786842e-01	6.439517e-01	0.844912356
##	SAMPLE	92	0.000000000	0.038832866	1.247620e+00	6.159794e-01	0.670179534
##	SAMPLE	93	0.000000000	0.000000000	0.000000e+00	1.387467e+01	0.004148149
##	SAMPLE	94	0.000000000	0.000000000	1.075775e-02	6.888022e-01	0.974295634
##	SAMPLE	95	0.000000000	0.000000000	0.000000e+00	9.321598e-01	13.629308478
##	SAMPLE	96	0.016118533	0.000000000	2.344443e-01	1.280518e-01	0.569759477
##	SAMPLE	97	0.251571524	0.000000000	4.242233e-01	4.893335e-01	0.015531338
##	SAMPLE	98	0.000000000	0.000000000	0.000000e+00	2.857884e-01	14.491362609
##	SAMPLE	99	0.000000000	0.000000000	0.000000e+00	0.000000e+00	13.326441508
##	SAMPLE	100	0.000000000	0.052321237	1.345823e-04	5.137622e-04	0.558960702
##	SAMPLE	101	0.000000000	0.000000000	9.320216e-04	1.218022e+01	0.030272760
##	SAMPLE	102	0.000000000	0.419604532	3.555927e-03	3.843658e-02	13.386589875
##	SAMPLE	103	0.000000000	0.000000000	0.000000e+00	3.692311e-01	12.702762391
##	SAMPLE	104	0.449973559	0.000000000	7.619071e-01	1.943085e-01	0.415861224
##	SAMPLE	105	0.000000000	0.000000000	0.000000e+00	1.958968e-01	11.973940067
##	SAMPLE	106	0.381359334	0.000000000	0.000000e+00	2.362037e-01	0.195770422

##	SAMPLE	107	0.000000000	12.430460736	0.000000e+00	1.331182e+01	14.038151657
##	SAMPLE	108	0.465169981	0.000000000	3.130828e-03	6.479721e-01	13.888264195
##	SAMPLE	109	0.000000000	0.005274502	0.000000e+00	3.963501e-02	0.555778934
##	SAMPLE	110	0.000000000	0.000000000	1.276943e+01	1.299274e+01	11.495929340
##	SAMPLE	111	0.000000000	0.000000000	1.087221e-02	0.000000e+00	0.258356309
##	SAMPLE	112	0.510567832	12.195586065	1.301019e+01	3.868321e-01	0.736144953
##	SAMPLE	113	0.000000000	0.000000000	0.000000e+00	1.315587e+01	13.160932145
##	SAMPLE	114	0.461048537	0.000000000	3.492091e-01	4.748316e-02	13.966005351
##	SAMPLE	115	0.000000000	0.000000000	1.978482e-01	3.822411e-01	13.131655701
##	SAMPLE	116	13.577712058	0.354462998	2.446241e-02	4.256571e-01	12.425707138
##	SAMPLE	117	0.000000000	0.009865965	6.478334e-02	0.000000e+00	0.230609759
##	SAMPLE	118	0.000000000	0.000000000	1.188609e+01	0.000000e+00	0.162276228
##	SAMPLE	119	0.000000000	0.000000000	1.208509e+01	1.239342e+01	0.823825919
##	SAMPLE	120	0.000000000	0.000000000	1.333128e+01	1.324384e+01	12.675021838
##	SAMPLE	121	0.000000000	0.000000000	0.000000e+00	7.531502e-02	13.655112576
##			OTU 126	OTU 128	OTU 132	OTU 136	OTU 139
##	SAMPLE	1	1.298425e+01	0.000000e+00	4.323398e-01	0.000000000	0.1761352894
##	SAMPLE	2	1.280144e+01	0.000000e+00	0.000000e+00	0.230693368	0.1265564101
##	SAMPLE	3	1.179294e+01	2.110979e-02	2.695965e-01	0.329782816	0.0002453388
##	SAMPLE	4	1.382807e+01	2.629799e-02	0.000000e+00	12.856768313	0.0000000000
##	SAMPLE	5	1.193143e+01	0.000000e+00	3.860683e-02	12.211609671	0.0000000000
##	SAMPLE	6	0.000000e+00	1.763316e-02	9.792129e-02	0.819102753	0.2097982390
##	SAMPLE	7	1.394402e+01	5.807824e-02	1.228446e-01	11.927815962	0.7763900408
##	SAMPLE	8	1.361259e+01	2.471933e-02	4.109083e-01	0.380836389	0.0000000000
##	SAMPLE	9	1.294045e+01	0.000000e+00	1.796970e-01	0.737589248	0.0943949003
##	SAMPLE	10	7.266582e-01	1.611575e-01	4.911918e-01	13.016538784	0.0063419075
##	SAMPLE	11	1.233242e+01	1.217608e-03	3.739215e-02	0.332576051	0.0794960683
##	SAMPLE	12	4.820325e-01	2.377972e-02	7.140224e-01	12.269242709	0.0257465211
##	SAMPLE	13	1.195986e+01	8.013571e-02	2.142667e-01	12.885027782	0.0127268726
##	SAMPLE	14	6.367173e-02	2.525011e-02	8.707941e-02	12.183189857	0.0412583199
##	SAMPLE	15	1.300432e+01	3.401514e-01	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	16	1.317297e+01	3.878513e-02	3.244671e-01	13.124443243	0.0000000000
##	SAMPLE	17	1.364810e+01	2.493618e-01	7.371812e-02	0.000000000	0.0000000000
##	SAMPLE	18	6.162117e-04	3.070568e-01	0.000000e+00	0.271789063	0.0000000000
##	SAMPLE	19	2.204513e-02	0.000000e+00	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	20	4.360060e-01	8.094666e-03	1.033281e-01	13.116957485	0.0156980428
##	SAMPLE	21	1.265212e+01	9.203605e-02	1.887255e-01	0.036497300	0.0000000000
##	SAMPLE	22	1.313745e+01	1.862267e-02	5.558908e-02	0.092528177	0.0000000000
##	SAMPLE	23	8.384394e-01	5.062426e-02	1.046795e-01	13.156528382	0.1823915297
##	SAMPLE	24	5.998853e-01	1.924986e-02	1.623236e-01	0.661670903	0.0131938321
##	SAMPLE	25	6.269050e-03	3.125800e-01	1.773354e-01	0.000000000	0.0000000000
##	SAMPLE	26	1.250044e+01	1.167850e-01	1.103603e-01	0.291760854	0.0000000000
##	SAMPLE	27	1.258280e+01	5.681443e-01	8.915014e-03	0.095360124	0.0353115093
##	SAMPLE	28	1.263770e+01	1.520710e-01	5.681064e-02	0.354989751	0.1028043988
##	SAMPLE	29	7.668337e-02	1.216595e-02	3.609905e-02	0.198311602	0.0000000000
##	SAMPLE	30	1.138424e-01	3.445570e-01	0.000000e+00	12.919599140	0.0000000000
##	SAMPLE	31	2.165816e-01	2.217269e-01	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	32	4.764809e-01	1.301108e-03	4.842528e-01	0.496042238	0.0000000000
##	SAMPLE	33	1.193706e+01	2.768205e-01	0.000000e+00	0.389571846	0.0788881358
##	SAMPLE	34	1.411572e+01	1.324603e+01	0.000000e+00	0.870818126	0.3406700922
##	SAMPLE	35	5.368560e-01	5.436074e-02	2.635912e-02	0.057682274	0.0016200360
##	SAMPLE	36	8.623009e-01	8.556341e-02	3.255080e-03	12.674728711	0.0000000000
##	SAMPLE	37	1.219375e+01	9.833020e-02	3.698090e-02	12.016842203	0.0000000000
##	SAMPLE	38	7.201886e-01	3.304298e-01	0.000000e+00	12.010074754	0.0000000000
##	SAMPLE	39	7.640819e-01	9.062904e-02	6.936843e-02	0.378976668	0.0000000000
##	SAMPLE	40	9.169772e-02	0.000000e+00	0.000000e+00	0.112501751	0.0000000000

##	SAMPLE	41	1.238439e+01	3.660985e-02	2.715598e-01	12.783721412	0.0000000000
##	SAMPLE	42	4.375959e-01	1.921286e-01	0.000000e+00	12.032974737	0.0000000000
##	SAMPLE	43	1.161191e-01	3.857751e-02	0.000000e+00	0.480178895	0.0000000000
##	SAMPLE	44	7.462061e-01	2.235144e-01	0.000000e+00	0.390988818	0.0000000000
##	SAMPLE	45	1.395951e+01	1.763776e-01	4.166740e-01	12.525005273	0.1172403815
##	SAMPLE	46	1.222335e+01	1.430815e-01	5.711171e-02	0.878077757	0.0000000000
##	SAMPLE	47	1.371569e+01	1.221511e+01	0.000000e+00	0.176509282	0.0649336526
##	SAMPLE	48	7.766038e-01	0.000000e+00	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	49	1.416709e+01	0.000000e+00	1.250182e+01	0.750112466	0.0244869581
##	SAMPLE	50	1.256200e+01	1.850352e-01	1.995612e-01	12.232642549	0.0000000000
##	SAMPLE	51	1.092513e+00	3.694928e-03	3.868755e-02	0.809372941	0.0000000000
##	SAMPLE	52	1.402621e+01	4.037040e-01	0.000000e+00	0.000000000	0.1398926824
##	SAMPLE	53	7.446113e-01	2.518808e-02	0.000000e+00	0.463070639	0.0021191584
##	SAMPLE	54	1.375639e+01	5.454080e-02	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	55	1.289436e+01	1.145070e-01	9.433201e-02	0.248271241	0.0000000000
##	SAMPLE	56	1.372094e+01	7.356593e-01	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	57	1.468718e+01	3.920649e-01	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	58	1.041990e+01	3.291927e-01	1.190105e+01	0.000000000	0.0000000000
##	SAMPLE	59	1.287467e+01	9.260361e-02	0.000000e+00	0.591367214	0.0036754952
##	SAMPLE	60	1.310756e+01	0.000000e+00	8.391960e-02	0.006949777	0.1126954954
##	SAMPLE	61	3.295073e-01	7.934920e-03	0.000000e+00	0.101925461	0.0000000000
##	SAMPLE	62	1.339057e+01	0.000000e+00	1.623308e-01	11.921450563	0.0645833421
##	SAMPLE	63	1.294330e+01	0.000000e+00	7.262779e-02	0.409936818	0.0000000000
##	SAMPLE	64	1.388691e+01	0.000000e+00	0.000000e+00	0.572124265	0.0217395757
##	SAMPLE	65	0.000000e+00	5.025599e-04	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	66	1.252631e+01	0.000000e+00	1.606574e-01	0.518450555	0.1124643642
##	SAMPLE	67	1.252819e+01	4.652980e-02	1.790712e-01	12.195737864	0.0000000000
##	SAMPLE	68	1.402624e+01	2.031082e-01	1.425491e-01	12.643524350	0.2078831122
##	SAMPLE	69	1.294465e+01	6.249098e-01	1.247044e+01	12.147826077	0.0000000000
##	SAMPLE	70	4.525617e-01	0.000000e+00	4.225771e-01	13.529344418	0.2579224320
##	SAMPLE	71	1.245925e+01	0.000000e+00	1.455896e-01	0.636258619	0.0000000000
##	SAMPLE	72	3.821473e-01	8.505472e-02	7.132543e-03	0.189929570	0.0335412592
##	SAMPLE	73	5.115565e-01	1.287295e-01	5.396722e-02	12.383451063	0.1485248322
##	SAMPLE	74	1.329994e+01	0.000000e+00	0.000000e+00	12.276779964	0.0293452323
##	SAMPLE	75	2.996788e-01	2.982791e-02	0.000000e+00	0.002149587	0.0028150214
##	SAMPLE	76	3.171125e-02	0.000000e+00	8.376745e-04	0.053276543	0.0000000000
##	SAMPLE	77	1.378861e+01	0.000000e+00	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	78	1.196005e+01	5.466745e-04	2.902850e-02	0.381277702	0.0494854969
##	SAMPLE	79	1.207498e+01	5.436208e-02	5.039140e-01	12.460139449	0.0547157191
##	SAMPLE	80	1.473991e+01	4.942921e-02	0.000000e+00	0.805928155	0.2304918094
##	SAMPLE	81	1.250808e+01	1.275706e-01	6.617052e-02	10.613088376	0.0871680469
##	SAMPLE	82	1.332785e+01	1.048600e-01	1.717409e-01	11.999212284	0.0491182186
##	SAMPLE	83	2.058538e-01	0.000000e+00	1.623953e-01	0.000000000	0.0000000000
##	SAMPLE	84	1.911278e-01	8.054942e-04	8.084982e-02	0.064766446	0.0000000000
##	SAMPLE	85	8.194464e-01	0.000000e+00	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	86	1.316442e+01	0.000000e+00	5.773557e-01	12.359431678	0.0755099751
##	SAMPLE	87	1.300055e+01	2.080904e-02	7.910178e-02	12.611630364	0.0853319347
##	SAMPLE	88	1.196993e+01	2.189903e-02	3.076152e-01	12.510070628	0.0015463972
##	SAMPLE	89	2.499388e-02	1.195048e+01	0.000000e+00	0.000000000	0.0000000000
##	SAMPLE	90	1.287970e+01	7.425829e-02	8.145265e-03	0.790299556	0.0000000000
##	SAMPLE	91	9.858185e+00	4.081097e-02	9.713168e-02	0.814397380	0.0217772012
##	SAMPLE	92	1.110271e+00	1.818475e-01	2.669531e-01	1.060940176	0.0576381228
##	SAMPLE	93	1.274605e+01	0.000000e+00	0.000000e+00	0.000000000	0.0926382056
##	SAMPLE	94	9.907000e+00	3.425745e-02	2.730704e-03	0.618245571	0.3533802388
##	SAMPLE	95	1.111315e+01	0.000000e+00	2.032696e-01	0.321025603	0.0000000000
##	SAMPLE	96	4.134948e-01	8.300145e-03	8.000902e-01	0.226238968	0.0000000000

##	SAMPLE	97	1.404678e+01	7.208004e-02	0.000000e+00	12.682751762	0.2228247574
##	SAMPLE	98	1.346561e+01	1.820722e-01	0.000000e+00	12.254242074	0.0000000000
##	SAMPLE	99	1.285223e+01	6.748722e-02	2.390370e-01	0.0000000000	0.0142428583
##	SAMPLE	100	0.000000e+00	2.578380e-03	1.047989e-01	12.416025802	0.0011617047
##	SAMPLE	101	1.245190e+01	1.189743e-02	1.055240e-01	11.782225954	0.0888053416
##	SAMPLE	102	1.415712e+01	3.906651e-02	0.000000e+00	12.333895489	0.0000000000
##	SAMPLE	103	0.000000e+00	4.286766e-02	4.226290e-02	0.483578312	0.0000000000
##	SAMPLE	104	3.439920e-01	0.000000e+00	6.527505e-01	1.092680565	0.0000000000
##	SAMPLE	105	1.318041e+01	1.966331e-02	5.031544e-01	0.838058808	0.0000000000
##	SAMPLE	106	3.668307e-01	7.985483e-02	2.457234e-01	0.0000000000	0.0000000000
##	SAMPLE	107	9.985577e-04	5.243076e-02	1.063093e-01	0.0000000000	0.0000000000
##	SAMPLE	108	1.303136e+01	1.588717e-02	3.020118e-01	13.155255771	0.0487301470
##	SAMPLE	109	1.223626e-01	6.516371e-02	1.246896e+01	0.189451244	0.0000000000
##	SAMPLE	110	1.296584e+01	7.683202e-02	6.450761e-01	0.008166773	0.0000000000
##	SAMPLE	111	1.573591e-01	1.609906e-02	0.000000e+00	0.345813081	0.0000000000
##	SAMPLE	112	1.388215e+01	1.829475e-01	3.876043e-01	0.074421645	0.2973879605
##	SAMPLE	113	5.443438e-01	9.198275e-02	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	114	1.343080e+01	8.502426e-02	1.694062e-02	0.0000000000	0.0072606437
##	SAMPLE	115	7.636320e-01	3.724220e-01	0.000000e+00	0.196307389	0.0000000000
##	SAMPLE	116	1.233873e+01	0.000000e+00	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	117	1.705868e-01	1.944879e-02	2.325868e-02	0.224504599	0.0000000000
##	SAMPLE	118	1.220721e+01	7.147441e-02	1.264865e-02	0.625663793	0.0000000000
##	SAMPLE	119	1.403153e+01	1.219970e+01	0.000000e+00	0.575689852	0.0000000000
##	SAMPLE	120	6.009652e-01	2.405300e-03	0.000000e+00	0.796924229	0.2126337640
##	SAMPLE	121	1.230707e+01	2.480692e-02	2.280396e-01	12.113777899	0.0192345633
##			OTU 142	OTU 146	OTU 148	OTU 150	OTU 152
##	SAMPLE	1	0.2910301	0.000000e+00	0.000000e+00	0.792921605	0.0000000000
##	SAMPLE	2	0.00000000	3.531260e-02	0.000000e+00	9.470967406	0.0000000000
##	SAMPLE	3	0.1907460	2.184566e-01	6.241397e-02	0.660726598	0.0000000000
##	SAMPLE	4	11.8515010	2.658557e-01	2.245114e-01	12.504694370	0.001439697
##	SAMPLE	5	0.5649438	0.000000e+00	0.000000e+00	11.964608061	0.265479956
##	SAMPLE	6	0.3119039	3.746116e-02	1.277071e-02	0.272650229	0.137977500
##	SAMPLE	7	12.7785291	1.222582e+01	1.297340e-01	10.168082819	0.0000000000
##	SAMPLE	8	0.2584940	1.297113e+01	3.986096e-04	0.232669562	0.0000000000
##	SAMPLE	9	0.00000000	2.295958e-01	1.081994e-02	12.271819705	0.0000000000
##	SAMPLE	10	0.7453466	4.730881e-02	4.020868e-01	0.563649219	0.0000000000
##	SAMPLE	11	0.1275391	1.222252e-01	4.005695e-01	0.0000000000	0.330657277
##	SAMPLE	12	0.1727279	0.000000e+00	0.000000e+00	13.332786253	0.0000000000
##	SAMPLE	13	0.5553365	1.894140e-02	1.895145e-01	12.053966462	0.0000000000
##	SAMPLE	14	0.5576484	1.245384e+01	0.000000e+00	12.871978026	0.0000000000
##	SAMPLE	15	0.00000000	7.286502e-01	0.000000e+00	12.625708042	0.0000000000
##	SAMPLE	16	0.6030615	1.245313e+01	0.000000e+00	0.0000000000	0.054922292
##	SAMPLE	17	0.3297018	4.227697e-01	5.714075e-01	0.0000000000	12.323762440
##	SAMPLE	18	0.5680719	1.377543e-01	8.004095e-01	0.0000000000	11.630699316
##	SAMPLE	19	0.00000000	0.000000e+00	0.000000e+00	0.0000000000	0.001620096
##	SAMPLE	20	12.1773729	4.665401e-01	0.000000e+00	11.902266400	0.0000000000
##	SAMPLE	21	0.00000000	4.579404e-02	0.000000e+00	13.062109671	0.0000000000
##	SAMPLE	22	0.3453020	5.397072e-01	7.111087e-02	0.729368741	9.457398782
##	SAMPLE	23	0.6009931	3.159951e-04	6.775088e-01	13.266845080	0.0000000000
##	SAMPLE	24	0.00000000	0.000000e+00	0.000000e+00	12.683937669	0.0000000000
##	SAMPLE	25	0.6536474	0.000000e+00	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	26	0.5219105	3.491345e-01	1.457288e-01	0.276625287	0.0000000000
##	SAMPLE	27	0.2126555	8.531615e-01	0.000000e+00	0.650540452	0.0000000000
##	SAMPLE	28	12.3599864	2.151817e-03	0.000000e+00	12.681056166	0.0000000000
##	SAMPLE	29	0.00000000	6.063924e-03	2.933499e-02	0.0000000000	0.037416064
##	SAMPLE	30	0.00000000	4.930171e-01	0.000000e+00	0.245603602	13.628332322

##	SAMPLE	31	0.0000000	1.873321e-01	0.000000e+00	12.011766620	0.000000000
##	SAMPLE	32	12.0266473	2.003147e-01	2.494538e-01	0.527363910	0.000000000
##	SAMPLE	33	0.4322301	0.000000e+00	0.000000e+00	0.366744736	0.156706197
##	SAMPLE	34	0.0000000	0.000000e+00	0.000000e+00	0.000000000	13.253367984
##	SAMPLE	35	0.0000000	2.124602e-01	0.000000e+00	0.263342432	0.000000000
##	SAMPLE	36	0.4547676	1.849744e-02	0.000000e+00	0.304183435	0.385387710
##	SAMPLE	37	0.2744659	4.392854e-01	1.148503e-01	0.402224126	0.000000000
##	SAMPLE	38	0.3976983	1.196111e+01	0.000000e+00	11.844043205	0.000000000
##	SAMPLE	39	12.2326935	3.852659e-01	6.183894e-01	0.276425924	0.000000000
##	SAMPLE	40	0.0000000	3.791156e-02	0.000000e+00	0.311232361	0.000000000
##	SAMPLE	41	0.5306872	0.000000e+00	4.422862e-01	0.000000000	0.000000000
##	SAMPLE	42	13.3335854	8.197674e-02	0.000000e+00	0.710935118	0.067707631
##	SAMPLE	43	0.0000000	0.000000e+00	1.783489e-02	0.226905043	0.000000000
##	SAMPLE	44	0.5213870	1.392123e+01	1.245323e+01	0.000000000	0.000000000
##	SAMPLE	45	0.2158669	0.000000e+00	0.000000e+00	13.414944586	0.000000000
##	SAMPLE	46	0.9123110	4.434302e-02	1.049090e-02	0.407441781	0.392450228
##	SAMPLE	47	0.0000000	6.021505e-01	2.369951e-02	0.660055938	0.000000000
##	SAMPLE	48	0.0000000	5.520968e-02	0.000000e+00	12.666122135	0.000000000
##	SAMPLE	49	9.7439997	4.605029e-01	7.267665e-02	12.507093993	0.000000000
##	SAMPLE	50	0.7567866	5.306854e-01	1.819660e-02	0.000000000	0.405474725
##	SAMPLE	51	0.9338601	3.753809e-02	2.091561e-02	0.444073930	0.000000000
##	SAMPLE	52	12.7657893	1.045469e-02	0.000000e+00	0.007513838	11.847021949
##	SAMPLE	53	0.1240876	0.000000e+00	4.875973e-02	0.000000000	0.000000000
##	SAMPLE	54	0.0000000	3.612426e-01	3.351499e-03	0.000000000	11.964078354
##	SAMPLE	55	0.0000000	1.238772e+01	5.277412e-02	13.202622411	0.000000000
##	SAMPLE	56	13.6148821	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	57	0.0000000	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	58	0.6788389	5.885025e-01	0.000000e+00	10.226471576	0.382708831
##	SAMPLE	59	12.0039788	1.299749e+01	7.299792e-01	0.400348385	0.000000000
##	SAMPLE	60	0.8617575	1.319413e+01	0.000000e+00	13.264137858	0.000000000
##	SAMPLE	61	0.4446287	1.017150e-02	0.000000e+00	0.578005218	0.000000000
##	SAMPLE	62	0.3613046	4.347639e-01	1.213400e-01	0.000000000	0.079287291
##	SAMPLE	63	0.2350197	2.765927e-03	0.000000e+00	0.000000000	0.430334859
##	SAMPLE	64	0.5887323	1.314163e+01	0.000000e+00	12.463260223	12.073025994
##	SAMPLE	65	0.0000000	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	66	0.4237961	3.748811e-01	1.731253e-01	0.693215497	0.000000000
##	SAMPLE	67	0.5080953	4.865051e-01	6.044591e-02	0.010207626	0.070026560
##	SAMPLE	68	12.3867079	2.473229e-02	1.262729e+01	0.034347523	12.218049161
##	SAMPLE	69	12.6974310	6.786781e-01	0.000000e+00	13.516081110	0.000000000
##	SAMPLE	70	13.0499030	2.642921e-01	1.085387e-01	11.874481688	0.000000000
##	SAMPLE	71	0.4319578	7.377887e-01	5.164141e-02	12.493745042	0.000000000
##	SAMPLE	72	0.0000000	5.799938e-03	0.000000e+00	0.307239684	0.000000000
##	SAMPLE	73	0.7305000	1.117695e-03	0.000000e+00	12.236702074	0.000000000
##	SAMPLE	74	0.6954461	0.000000e+00	0.000000e+00	11.883826173	0.000000000
##	SAMPLE	75	0.3459838	4.894326e-02	0.000000e+00	0.354096304	0.000000000
##	SAMPLE	76	0.0000000	2.045472e-02	0.000000e+00	0.065057456	0.000000000
##	SAMPLE	77	0.1361669	1.203208e-01	0.000000e+00	0.000000000	0.198217255
##	SAMPLE	78	0.2529380	4.439291e-03	0.000000e+00	9.998209054	0.000000000
##	SAMPLE	79	0.7098139	4.393849e-01	0.000000e+00	12.085335594	0.000000000
##	SAMPLE	80	0.6316917	7.259207e-01	0.000000e+00	12.881413706	0.000000000
##	SAMPLE	81	11.9492629	1.238974e+01	0.000000e+00	0.644579961	0.000000000
##	SAMPLE	82	0.3847588	8.457913e-03	0.000000e+00	12.443631921	0.000000000
##	SAMPLE	83	0.0000000	4.923943e-01	0.000000e+00	0.000000000	0.449933857
##	SAMPLE	84	0.0000000	1.062889e-01	5.311786e-02	0.221599392	0.122240256
##	SAMPLE	85	0.0000000	6.917449e-01	0.000000e+00	12.261531391	0.000000000
##	SAMPLE	86	12.0819306	8.964330e-01	0.000000e+00	12.644102684	0.000000000

##	SAMPLE 87	0.7050686	3.343523e-01	0.000000e+00	0.000000000	0.249195917
##	SAMPLE 88	0.3445186	6.851439e-01	3.252141e-03	11.933511987	0.000000000
##	SAMPLE 89	0.0000000	1.072983e-03	0.000000e+00	13.371219018	0.000000000
##	SAMPLE 90	0.3194814	1.529811e-01	0.000000e+00	0.282308378	0.000000000
##	SAMPLE 91	0.7468031	1.743801e-01	0.000000e+00	0.589720831	0.359702980
##	SAMPLE 92	1.0544134	2.409979e-03	0.000000e+00	13.457160564	0.000000000
##	SAMPLE 93	12.8790262	1.307011e+01	0.000000e+00	0.000000000	12.393414958
##	SAMPLE 94	0.3743927	1.211377e+01	4.467145e-02	11.579519127	0.000000000
##	SAMPLE 95	0.7459334	2.105644e-01	0.000000e+00	0.059420175	0.000000000
##	SAMPLE 96	0.3486634	1.415781e-01	0.000000e+00	12.785619996	0.000000000
##	SAMPLE 97	0.6850490	3.769151e-02	2.128936e-02	11.810932842	13.120460310
##	SAMPLE 98	0.1243594	0.000000e+00	0.000000e+00	0.000000000	0.000000000
##	SAMPLE 99	0.5211295	1.340172e+01	0.000000e+00	0.000000000	0.000000000
##	SAMPLE 100	0.4400934	1.503845e-03	0.000000e+00	12.699133939	0.000000000
##	SAMPLE 101	11.7922650	3.723112e-01	0.000000e+00	0.776279872	0.000000000
##	SAMPLE 102	0.7540700	4.888665e-01	5.138359e-02	11.937113488	0.000000000
##	SAMPLE 103	0.0000000	0.000000e+00	0.000000e+00	0.000000000	0.427386761
##	SAMPLE 104	0.2195088	1.075609e+00	0.000000e+00	0.533257525	0.041516752
##	SAMPLE 105	0.1284167	3.770074e-02	0.000000e+00	0.010718295	0.190951983
##	SAMPLE 106	13.0732616	3.517191e-01	0.000000e+00	12.626217029	0.000000000
##	SAMPLE 107	0.0000000	1.443468e+01	0.000000e+00	0.083965329	0.000000000
##	SAMPLE 108	0.6266592	7.738307e-02	4.580785e-01	0.905970297	0.465964769
##	SAMPLE 109	0.0000000	2.160543e-01	5.749438e-02	0.281579861	0.000000000
##	SAMPLE 110	12.4450225	1.380585e+01	0.000000e+00	0.524461641	0.000000000
##	SAMPLE 111	0.3872820	8.710231e-03	0.000000e+00	0.256869489	0.013255548
##	SAMPLE 112	13.0987914	1.298096e+01	0.000000e+00	12.690859352	0.000000000
##	SAMPLE 113	0.0000000	1.269359e+01	4.068323e-02	0.000000000	10.146639213
##	SAMPLE 114	0.7905472	0.000000e+00	0.000000e+00	0.171292197	0.176645696
##	SAMPLE 115	0.0000000	6.560388e-01	0.000000e+00	0.227054844	0.107119690
##	SAMPLE 116	0.1902411	1.258793e+01	0.000000e+00	0.526243264	0.000000000
##	SAMPLE 117	0.1734329	3.118623e-01	0.000000e+00	0.000000000	0.000000000
##	SAMPLE 118	0.0000000	7.457317e-02	0.000000e+00	0.055078911	0.075907344
##	SAMPLE 119	0.0000000	0.000000e+00	7.246012e-02	0.066664186	11.535502628
##	SAMPLE 120	0.6039990	1.288634e+01	0.000000e+00	10.424126421	13.057703309
##	SAMPLE 121	0.4410229	1.208440e+01	0.000000e+00	0.312301356	0.000000000
##		OTU 154	OTU 158	OTU 166	OTU 168	OTU 169
##	SAMPLE 1	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 2	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 3	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 4	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 5	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 6	0.000000e+00	0.000000000	0.000000000	0.006816725	0.000000000
##	SAMPLE 7	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 8	0.000000e+00	0.000000000	0.000000000	0.165226980	9.997728145
##	SAMPLE 9	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 10	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 11	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 12	3.283305e-03	0.423487589	0.108011643	0.265083577	0.015760994
##	SAMPLE 13	0.000000e+00	0.000000000	0.000000000	0.000174290	0.000000000
##	SAMPLE 14	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 15	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 16	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 17	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 18	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 19	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 20	0.000000e+00	0.000000000	0.339338895	0.137990031	0.055357212

##	SAMPLE	21	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	22	0.000000e+00	0.000000000	0.042784567	0.061844007	0.013849918
##	SAMPLE	23	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	24	5.853463e-04	0.005568308	0.145426870	0.137324691	0.002567267
##	SAMPLE	25	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	26	0.000000e+00	0.000000000	0.414072055	0.418716704	0.024034091
##	SAMPLE	27	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	28	3.033919e-02	0.015120706	0.286660275	0.280125857	0.011700684
##	SAMPLE	29	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	30	9.506518e-03	0.000000000	0.032398205	0.050573032	0.005488469
##	SAMPLE	31	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	32	0.000000e+00	0.000000000	0.162024812	0.457507605	0.009958052
##	SAMPLE	33	0.000000e+00	0.000000000	0.168728798	0.124943757	0.010437545
##	SAMPLE	34	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	35	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	36	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	37	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	38	0.000000e+00	0.000000000	0.216765115	0.321821917	0.042109463
##	SAMPLE	39	4.290071e-01	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	40	0.000000e+00	0.000000000	0.109968428	0.183200032	0.034353867
##	SAMPLE	41	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	42	3.118850e-02	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	43	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	44	0.000000e+00	0.000000000	0.347027482	0.342461623	0.015383974
##	SAMPLE	45	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	46	1.229516e+01	0.574978560	0.069049524	0.084887818	0.000000000
##	SAMPLE	47	0.000000e+00	0.000000000	0.151586080	0.151457183	0.037605110
##	SAMPLE	48	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	49	0.000000e+00	0.008908895	0.305266228	11.235965475	0.063944628
##	SAMPLE	50	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	51	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	52	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	53	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	54	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	55	0.000000e+00	0.000000000	0.133354615	0.117767436	0.051195459
##	SAMPLE	56	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	57	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	58	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	59	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	60	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	61	0.000000e+00	0.000000000	0.245557467	0.227339811	0.004979712
##	SAMPLE	62	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	63	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	64	0.000000e+00	0.000000000	0.078287978	0.157964370	0.006651245
##	SAMPLE	65	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	66	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	67	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	68	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	69	0.000000e+00	0.425301357	0.325524361	0.451833323	0.157743377
##	SAMPLE	70	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	73	9.891535e-03	0.003535089	0.000000000	0.000000000	0.000000000
##	SAMPLE	74	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	75	7.813829e-01	0.000000000	0.063326553	0.053012701	0.000000000
##	SAMPLE	76	0.000000e+00	0.000000000	0.010464945	0.011708124	0.000000000

##	SAMPLE	77	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	78	5.211954e-01	0.000000000	0.144982057	0.123032212	0.033052517
##	SAMPLE	79	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	80	0.000000e+00	0.000000000	0.796921426	0.344288536	0.121948914
##	SAMPLE	81	8.900218e-02	0.000000000	0.002650168	0.028047141	0.175597541
##	SAMPLE	82	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	83	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	84	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	85	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	86	0.000000e+00	0.000000000	0.000000000	0.394646568	10.329820273
##	SAMPLE	87	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	0.000000e+00	0.000000000	0.154695399	0.210750223	0.012391025
##	SAMPLE	89	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	90	0.000000e+00	0.000000000	0.267166819	0.302135372	0.002293801
##	SAMPLE	91	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	92	0.000000e+00	0.000000000	0.279361507	0.241993788	0.005849976
##	SAMPLE	93	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	94	0.000000e+00	0.000000000	0.189607515	0.191529219	0.029770559
##	SAMPLE	95	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	96	0.000000e+00	0.000000000	0.064171050	0.115003431	0.013634348
##	SAMPLE	97	0.000000e+00	0.000000000	0.293703836	0.236866411	0.038125884
##	SAMPLE	98	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	99	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	100	0.000000e+00	0.000000000	0.056920550	0.049617830	0.003285965
##	SAMPLE	101	0.000000e+00	0.000000000	0.231665681	0.253987583	0.018813329
##	SAMPLE	102	0.000000e+00	0.000000000	0.323171268	0.144149152	0.120903721
##	SAMPLE	103	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	104	0.000000e+00	0.000000000	0.484556966	9.641612028	0.115591448
##	SAMPLE	105	0.000000e+00	0.000000000	0.000000000	0.000939073	0.000000000
##	SAMPLE	106	2.356700e-02	0.182718520	0.000000000	0.000000000	0.000000000
##	SAMPLE	107	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	108	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	109	2.683886e-01	0.006783669	0.000000000	0.000000000	0.000000000
##	SAMPLE	110	0.000000e+00	0.000000000	0.011614544	0.055485111	0.000000000
##	SAMPLE	111	0.000000e+00	0.000000000	0.337960259	0.367085107	0.009829601
##	SAMPLE	112	4.943395e-01	0.202099314	0.000000000	0.000000000	0.000000000
##	SAMPLE	113	0.000000e+00	0.000000000	0.831414992	11.641452198	0.207755461
##	SAMPLE	114	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	115	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	116	0.000000e+00	0.000000000	0.318821318	0.417785659	0.065987956
##	SAMPLE	117	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	118	0.000000e+00	0.000000000	0.102223724	0.313978845	0.005226321
##	SAMPLE	119	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	120	0.000000e+00	0.000000000	0.021754557	0.046673122	0.000000000
##	SAMPLE	121	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##			OTU 174	OTU 184	OTU 186	OTU 188	OTU 190
##	SAMPLE	1	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.392085e+01
##	SAMPLE	2	1.564789e+01	3.971391e-02	0.000000e+00	3.226916e-03	1.165968e+01
##	SAMPLE	3	1.372179e+01	0.000000e+00	1.173892e-01	7.385385e-03	3.609441e-03
##	SAMPLE	4	0.000000e+00	4.554181e-03	0.000000e+00	2.737718e-01	1.253254e+01
##	SAMPLE	5	0.000000e+00	4.641385e-02	3.363314e-03	1.266407e-01	1.273016e+01
##	SAMPLE	6	0.000000e+00	2.222758e-01	1.645251e-01	1.465718e-01	3.492955e-01
##	SAMPLE	7	5.387543e-01	5.745066e-01	3.007338e-01	4.580957e-01	1.332136e+01
##	SAMPLE	8	0.000000e+00	2.443414e-01	1.018887e-01	1.741550e-02	1.215012e+01
##	SAMPLE	9	8.428415e-02	1.215086e-01	0.000000e+00	3.035203e-01	1.286280e+01
##	SAMPLE	10	0.000000e+00	1.205548e+01	3.719949e-02	3.103845e-01	1.251604e+01

##	SAMPLE	11	0.000000e+00	7.036878e-03	6.602193e-03	0.000000e+00	1.214960e+01
##	SAMPLE	12	0.000000e+00	2.111166e-01	7.389915e-02	1.280034e+01	1.282335e+01
##	SAMPLE	13	6.561092e-02	1.959998e-02	0.000000e+00	7.537657e-03	1.206726e+01
##	SAMPLE	14	0.000000e+00	2.191861e-01	0.000000e+00	5.264141e-01	1.279074e+01
##	SAMPLE	15	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	16	0.000000e+00	0.000000e+00	3.428567e-02	0.000000e+00	4.913639e-02
##	SAMPLE	17	1.119328e-02	0.000000e+00	3.986646e-02	1.058779e-02	7.013521e-01
##	SAMPLE	18	5.788764e-04	8.449333e-01	0.000000e+00	1.285668e+01	1.105313e+01
##	SAMPLE	19	2.615775e-03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	20	1.349199e+01	1.308514e-01	2.021479e-01	1.236260e+01	0.000000e+00
##	SAMPLE	21	1.422730e+01	8.731491e-02	0.000000e+00	3.366222e-01	3.639035e-02
##	SAMPLE	22	1.417463e+01	7.600381e-01	8.271455e-02	1.302423e+01	4.117713e-01
##	SAMPLE	23	0.000000e+00	1.021889e-01	1.059781e-01	8.567571e+00	1.307020e+01
##	SAMPLE	24	0.000000e+00	2.296813e-01	0.000000e+00	1.512281e-02	4.313308e-01
##	SAMPLE	25	7.459488e-03	1.576572e-01	0.000000e+00	5.830229e-01	1.223358e+01
##	SAMPLE	26	1.355254e+01	2.205132e-01	3.021487e-02	2.014385e-01	2.084936e-01
##	SAMPLE	27	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.239356e+01
##	SAMPLE	28	0.000000e+00	4.979250e-02	0.000000e+00	5.286308e-01	0.000000e+00
##	SAMPLE	29	0.000000e+00	0.000000e+00	5.916889e-04	0.000000e+00	1.878051e-01
##	SAMPLE	30	0.000000e+00	5.955694e-01	0.000000e+00	0.000000e+00	1.334839e+01
##	SAMPLE	31	0.000000e+00	7.156378e-02	0.000000e+00	1.282832e+01	4.015089e-02
##	SAMPLE	32	1.437642e+01	3.937136e-02	0.000000e+00	3.162455e-01	1.383463e+01
##	SAMPLE	33	0.000000e+00	0.000000e+00	0.000000e+00	1.954787e-02	7.038105e-01
##	SAMPLE	34	0.000000e+00	3.358212e-01	1.104625e-02	6.048466e-01	1.252552e+00
##	SAMPLE	35	1.620036e-03	0.000000e+00	0.000000e+00	2.549990e-02	2.930302e-01
##	SAMPLE	36	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.813928e-01
##	SAMPLE	37	1.502066e+01	3.440032e-03	0.000000e+00	2.967828e-02	1.245239e+01
##	SAMPLE	38	0.000000e+00	5.203345e-02	0.000000e+00	4.597341e-01	1.223822e+01
##	SAMPLE	39	0.000000e+00	2.810463e-02	2.871955e-02	2.056171e-01	6.177720e-01
##	SAMPLE	40	1.207025e+01	6.266529e-03	0.000000e+00	1.220130e-03	3.610618e-01
##	SAMPLE	41	0.000000e+00	3.303026e-01	5.716257e-03	0.000000e+00	1.267830e+01
##	SAMPLE	42	1.382955e+01	0.000000e+00	3.219524e-03	0.000000e+00	1.213796e+01
##	SAMPLE	43	0.000000e+00	5.794200e-02	0.000000e+00	0.000000e+00	2.688916e-01
##	SAMPLE	44	3.114064e-01	5.403106e-01	1.297952e+01	0.000000e+00	0.000000e+00
##	SAMPLE	45	0.000000e+00	0.000000e+00	1.840953e-02	0.000000e+00	1.293292e+01
##	SAMPLE	46	0.000000e+00	1.301896e-01	8.145340e-02	2.690513e-02	1.295213e+01
##	SAMPLE	47	1.497172e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	48	0.000000e+00	4.761226e-04	0.000000e+00	1.633313e-03	1.313813e+01
##	SAMPLE	49	8.410908e-04	0.000000e+00	2.058257e-01	6.437984e-01	1.366535e+01
##	SAMPLE	50	0.000000e+00	1.206126e+01	8.678971e-02	5.506141e-01	1.307740e+01
##	SAMPLE	51	0.000000e+00	9.385024e-02	0.000000e+00	2.371824e-02	6.564357e-01
##	SAMPLE	52	4.916754e-02	1.182414e-02	1.358211e-02	3.020240e-02	1.363107e+01
##	SAMPLE	53	0.000000e+00	0.000000e+00	1.491694e-02	0.000000e+00	4.117498e-01
##	SAMPLE	54	1.518824e-02	8.309038e-02	1.574114e-02	4.742234e-02	8.501257e-02
##	SAMPLE	55	0.000000e+00	0.000000e+00	1.804094e-01	0.000000e+00	5.942293e-01
##	SAMPLE	56	9.827610e-03	3.369327e-01	4.939834e-01	1.336857e+01	1.190386e+01
##	SAMPLE	57	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	58	0.000000e+00	0.000000e+00	6.046942e-02	5.408475e-01	1.295166e+01
##	SAMPLE	59	6.160554e-01	9.459261e-02	0.000000e+00	3.090639e-01	5.360370e-01
##	SAMPLE	60	0.000000e+00	9.665023e-02	3.750800e-02	2.135957e-01	1.269278e+01
##	SAMPLE	61	1.525571e+01	0.000000e+00	0.000000e+00	0.000000e+00	5.886508e-03
##	SAMPLE	62	0.000000e+00	2.847308e-03	1.583660e-02	0.000000e+00	9.334175e-04
##	SAMPLE	63	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	64	0.000000e+00	9.773995e-02	2.079079e-01	1.283371e+01	1.022437e+01
##	SAMPLE	65	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	66	0.000000e+00	1.158373e-01	8.220013e-02	6.240436e-01	1.266108e+01

##	SAMPLE	67	2.582491e-03	3.930599e-02	3.646868e-03	6.104249e-02	7.283136e-01
##	SAMPLE	68	7.500107e-03	0.000000e+00	1.709201e-01	2.975409e-01	1.358627e+01
##	SAMPLE	69	1.251467e+01	1.187344e+01	1.192524e+01	1.237526e+01	1.265888e+01
##	SAMPLE	70	0.000000e+00	5.713540e-01	4.589564e-02	1.337392e+01	0.000000e+00
##	SAMPLE	71	0.000000e+00	9.919469e-02	0.000000e+00	2.477123e-01	9.386624e-04
##	SAMPLE	72	1.449806e+01	1.183516e-01	2.722746e-02	2.032333e-01	1.215814e+01
##	SAMPLE	73	1.034988e+01	1.214691e+01	0.000000e+00	7.421330e-01	1.296909e+01
##	SAMPLE	74	4.648669e-02	1.858000e-01	0.000000e+00	2.245845e-01	1.263576e+01
##	SAMPLE	75	1.259864e+01	6.737824e-02	3.393412e-02	5.301114e-03	2.070625e-01
##	SAMPLE	76	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.452292e-02
##	SAMPLE	77	1.557127e-03	8.008877e-03	3.472180e-03	3.468508e-01	0.000000e+00
##	SAMPLE	78	1.415415e+01	0.000000e+00	0.000000e+00	2.982232e-04	5.981674e-02
##	SAMPLE	79	0.000000e+00	2.141934e-01	2.351138e-04	1.555311e-01	1.285262e+01
##	SAMPLE	80	0.000000e+00	1.310905e-02	8.137854e-02	3.333005e-01	1.340728e+01
##	SAMPLE	81	1.406628e+01	0.000000e+00	7.828877e-02	0.000000e+00	1.280816e+01
##	SAMPLE	82	0.000000e+00	1.193355e-02	0.000000e+00	3.857489e-02	7.661628e-01
##	SAMPLE	83	1.605868e-04	6.510324e-01	5.975517e-02	1.146972e-01	1.109254e+01
##	SAMPLE	84	0.000000e+00	0.000000e+00	1.125008e-01	0.000000e+00	2.205227e-01
##	SAMPLE	85	1.099217e-01	5.526281e-03	0.000000e+00	2.969361e-01	4.162856e-02
##	SAMPLE	86	4.758733e-02	0.000000e+00	0.000000e+00	6.890286e-01	5.071454e-02
##	SAMPLE	87	0.000000e+00	1.945322e-01	7.098936e-02	1.293297e+01	1.320046e+01
##	SAMPLE	88	0.000000e+00	6.194200e-02	4.619613e-03	5.681142e-01	1.396762e-02
##	SAMPLE	89	2.441486e-01	0.000000e+00	0.000000e+00	0.000000e+00	1.220037e+01
##	SAMPLE	90	0.000000e+00	5.691285e-03	3.927104e-03	0.000000e+00	4.757369e-01
##	SAMPLE	91	1.442954e+01	3.124951e-02	0.000000e+00	2.651636e-02	4.577577e-01
##	SAMPLE	92	1.466724e+01	0.000000e+00	0.000000e+00	1.332966e-01	1.294285e+01
##	SAMPLE	93	0.000000e+00	2.819826e-04	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	94	1.482237e+01	3.656857e-04	0.000000e+00	6.184525e-02	8.669803e-02
##	SAMPLE	95	0.000000e+00	0.000000e+00	1.172371e-01	0.000000e+00	1.229337e+01
##	SAMPLE	96	9.549653e-03	1.943721e-01	0.000000e+00	2.399279e-01	1.348929e+01
##	SAMPLE	97	1.269689e+01	1.729093e-01	0.000000e+00	6.691275e-02	6.715857e-01
##	SAMPLE	98	0.000000e+00	1.440371e-01	0.000000e+00	0.000000e+00	1.256459e+01
##	SAMPLE	99	4.730092e-03	0.000000e+00	2.249786e-02	0.000000e+00	0.000000e+00
##	SAMPLE	100	0.000000e+00	5.323815e-02	5.747521e-02	4.159776e-01	3.104636e-01
##	SAMPLE	101	0.000000e+00	1.167839e-03	0.000000e+00	0.000000e+00	1.246030e+01
##	SAMPLE	102	0.000000e+00	6.857710e-02	0.000000e+00	0.000000e+00	3.799261e-01
##	SAMPLE	103	0.000000e+00	0.000000e+00	6.486986e-02	0.000000e+00	1.175490e+01
##	SAMPLE	104	1.363106e+01	9.503991e-02	4.703219e-02	9.983165e-02	1.398750e+01
##	SAMPLE	105	3.517521e-02	1.235382e+01	1.379858e-01	1.292975e+01	1.373616e+01
##	SAMPLE	106	1.539614e+01	1.889525e-02	0.000000e+00	5.333812e-02	4.671647e-02
##	SAMPLE	107	0.000000e+00	0.000000e+00	9.391043e-02	0.000000e+00	0.000000e+00
##	SAMPLE	108	8.710487e-01	0.000000e+00	8.814872e-03	9.717561e-02	2.594119e-01
##	SAMPLE	109	0.000000e+00	1.228843e+01	7.287532e-01	1.450883e+01	1.270007e+01
##	SAMPLE	110	0.000000e+00	7.851118e-01	4.712050e-01	1.044272e+01	1.393370e+01
##	SAMPLE	111	1.391881e+01	0.000000e+00	0.000000e+00	2.709580e-02	1.220861e+01
##	SAMPLE	112	1.353956e+01	1.012333e-01	1.123556e-02	7.163046e-01	1.377887e+01
##	SAMPLE	113	5.186418e-01	2.389174e-01	0.000000e+00	2.632304e-01	0.000000e+00
##	SAMPLE	114	0.000000e+00	0.000000e+00	0.000000e+00	7.567664e-02	5.854938e-01
##	SAMPLE	115	0.000000e+00	0.000000e+00	0.000000e+00	4.959830e-02	0.000000e+00
##	SAMPLE	116	0.000000e+00	5.418915e-01	0.000000e+00	0.000000e+00	7.814872e-02
##	SAMPLE	117	0.000000e+00	1.091434e-02	1.480373e-02	4.180805e-02	1.901251e-01
##	SAMPLE	118	1.533277e+01	2.432440e-01	8.249909e-02	8.383324e-02	1.170123e+01
##	SAMPLE	119	0.000000e+00	5.572891e-03	0.000000e+00	0.000000e+00	3.970723e-01
##	SAMPLE	120	1.293422e+01	1.601754e-02	4.454555e-02	0.000000e+00	1.301607e+01
##	SAMPLE	121	1.446871e+01	5.685524e-02	0.000000e+00	4.567415e-01	1.213857e+01
##			OTU 192	OTU 194	OTU 204	OTU 207	OTU 211

##	SAMPLE 1	0.0000000000	12.071975398	5.924380e-04	0.0000000000	0.0000000000
##	SAMPLE 2	0.0000000000	0.000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 3	0.0005809681	0.383414258	1.031667e-02	0.0000000000	0.0000000000
##	SAMPLE 4	0.0643721075	11.902594773	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 5	0.0368579862	0.106650070	2.799172e-03	0.628299544	0.0000000000
##	SAMPLE 6	0.0076245012	0.100793081	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 7	0.0098396319	0.467395295	0.000000e+00	0.0000000000	0.0032303652
##	SAMPLE 8	0.0754190773	0.517052305	0.000000e+00	0.040009451	0.1020396677
##	SAMPLE 9	0.0016033786	0.260512172	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 10	0.1022160835	0.341916095	0.000000e+00	0.123794937	0.0000000000
##	SAMPLE 11	0.0057557776	0.130792854	1.352875e-02	0.0000000000	0.0000000000
##	SAMPLE 12	0.0600992707	0.000000000	4.308910e-03	0.001443127	0.0000000000
##	SAMPLE 13	0.0878875120	0.265694766	0.000000e+00	0.004367446	0.0000000000
##	SAMPLE 14	0.0125808615	0.252554559	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 15	0.0000000000	0.028069564	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 16	0.0000000000	0.012224197	2.876210e-03	0.0000000000	0.0182926456
##	SAMPLE 17	0.0031915139	0.389896538	8.634278e-03	0.060649696	0.0000000000
##	SAMPLE 18	0.0849381773	0.000000000	2.984718e-02	0.0000000000	0.0000000000
##	SAMPLE 19	0.0000000000	0.000000000	1.333630e-02	0.0000000000	0.0000000000
##	SAMPLE 20	0.1225350460	0.002125162	1.243215e-02	0.005779536	0.0000000000
##	SAMPLE 21	0.0009608702	0.351466185	0.000000e+00	0.0000000000	0.0210373813
##	SAMPLE 22	0.3620471059	0.829347012	8.243656e-03	0.019848330	0.0000000000
##	SAMPLE 23	0.0000000000	0.385925965	2.484049e-03	0.0000000000	0.0028129628
##	SAMPLE 24	0.0225923310	0.106267650	5.227411e-03	0.0000000000	0.0000000000
##	SAMPLE 25	0.0009518889	0.050725436	0.000000e+00	0.039929361	0.0025254409
##	SAMPLE 26	0.0285703941	0.760371891	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 27	0.0061404626	0.295743316	6.392319e-03	0.0000000000	0.0000000000
##	SAMPLE 28	0.0205455067	0.122972966	1.566520e-04	0.0000000000	0.0000000000
##	SAMPLE 29	0.0001259206	0.016845078	0.000000e+00	11.857269618	0.0001888749
##	SAMPLE 30	0.0000000000	0.000000000	0.000000e+00	0.265126072	0.0000000000
##	SAMPLE 31	0.0000000000	0.000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 32	0.0202945356	0.592670333	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 33	0.0000000000	0.034961834	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 34	0.0000000000	0.006402161	2.689992e-02	0.323267015	0.0000000000
##	SAMPLE 35	0.0000000000	0.044479081	2.952629e-02	0.0000000000	0.0097515048
##	SAMPLE 36	0.0000000000	0.077891175	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 37	0.0050207930	0.086989721	0.000000e+00	0.087297278	0.0000000000
##	SAMPLE 38	0.0275116343	0.202776510	0.000000e+00	0.725263768	0.0376443893
##	SAMPLE 39	0.0293839127	0.740512081	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 40	0.0000000000	0.047023471	8.554881e-03	0.029207939	0.0029827929
##	SAMPLE 41	0.1280656256	0.040212018	5.826867e-03	0.0000000000	0.0000000000
##	SAMPLE 42	0.0215293268	0.167188855	6.460916e-03	0.0000000000	0.0000000000
##	SAMPLE 43	0.0000000000	0.000000000	1.461665e-03	0.004009593	0.0000000000
##	SAMPLE 44	0.3479157461	0.292352332	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 45	0.0000000000	0.000000000	0.000000e+00	0.044812498	0.0000000000
##	SAMPLE 46	0.0971590515	0.403782341	0.000000e+00	0.005653467	0.0000000000
##	SAMPLE 47	0.0000000000	0.053127875	2.300353e-02	0.0000000000	0.0000000000
##	SAMPLE 48	0.0000000000	0.110208179	1.170598e-03	0.0000000000	0.0000000000
##	SAMPLE 49	0.0006809376	0.000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 50	0.0000000000	0.561511334	5.434121e-03	0.0000000000	0.0000000000
##	SAMPLE 51	0.0275203495	0.246253911	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 52	0.0000000000	1.080413101	1.216621e-02	0.0000000000	0.0000000000
##	SAMPLE 53	0.0000000000	0.000000000	1.520018e-02	0.0000000000	0.0311766442
##	SAMPLE 54	0.0009672432	0.322420970	6.015134e-03	0.009595090	0.0000000000
##	SAMPLE 55	0.0053517322	0.083802406	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 56	0.0000000000	0.000000000	0.000000e+00	0.0000000000	0.0000000000

##	SAMPLE	57	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	58	0.0153985209	0.423949706	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	59	0.0299433216	0.324384375	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	60	0.0000000000	0.200973417	3.437937e-03	0.0000000000	0.0000000000
##	SAMPLE	61	0.0033573206	0.092445469	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	62	0.0165961689	0.156896165	1.813192e-02	0.001368714	0.0168410677
##	SAMPLE	63	0.0000000000	0.0000000000	3.251844e-03	0.0000000000	0.0000000000
##	SAMPLE	64	0.0000000000	0.545774130	4.809563e-03	0.0000000000	0.0000000000
##	SAMPLE	65	0.0000000000	0.0000000000	1.236472e-02	0.0000000000	0.0000000000
##	SAMPLE	66	0.0166846215	0.310359380	5.667720e-03	0.005467196	0.0079833570
##	SAMPLE	67	0.0000000000	0.173069731	0.000000e+00	0.194049736	0.0461953330
##	SAMPLE	68	0.0000000000	12.044672561	0.000000e+00	0.0000000000	0.0270598832
##	SAMPLE	69	0.1679270397	12.127339668	0.000000e+00	0.0000000000	0.0021015460
##	SAMPLE	70	0.0000000000	0.320503910	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	71	0.0135721113	0.356798674	2.949058e-03	0.0000000000	0.0000000000
##	SAMPLE	72	0.0000000000	0.001847805	2.859358e-02	0.558040697	0.1885859068
##	SAMPLE	73	0.0788779294	0.274292136	3.117112e-03	0.053967224	0.0000000000
##	SAMPLE	74	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	75	0.0000000000	0.023773388	1.114061e-01	0.0000000000	0.0000000000
##	SAMPLE	76	0.0000000000	0.010870691	7.965097e-03	0.0000000000	0.3428239998
##	SAMPLE	77	0.0000000000	0.040603769	2.847607e-02	0.0000000000	0.0000000000
##	SAMPLE	78	0.0080086433	0.217368734	0.000000e+00	13.911639148	0.0000000000
##	SAMPLE	79	0.0495954412	0.555166427	7.397303e-04	0.081933852	0.0000000000
##	SAMPLE	80	0.0024410959	0.237709778	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	81	0.0173025139	0.515549599	2.306552e-03	13.148836654	0.0000000000
##	SAMPLE	82	0.0053145574	0.388756218	2.161290e-03	0.0000000000	0.0000000000
##	SAMPLE	83	0.0304861329	0.603170433	0.000000e+00	0.155488236	0.0002007295
##	SAMPLE	84	0.0000000000	0.063821896	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	85	0.0000000000	0.292741630	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	86	0.0006667333	0.001499525	6.531463e-03	0.372732334	0.0000000000
##	SAMPLE	87	0.0003487293	0.475341886	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	88	0.0477648038	0.266327916	5.365215e-04	0.003550658	0.0000000000
##	SAMPLE	89	0.0000000000	0.0000000000	0.000000e+00	13.802964202	0.0000000000
##	SAMPLE	90	0.0077588959	0.103513231	5.791429e-03	0.0000000000	0.0000000000
##	SAMPLE	91	0.0382831550	0.197046350	5.396708e-03	0.104599365	0.0000000000
##	SAMPLE	92	0.0822909978	0.263407312	0.000000e+00	0.005066900	0.0000000000
##	SAMPLE	93	0.0901538381	0.025268512	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	94	0.0409502737	0.108091469	1.012865e-02	0.355335444	0.0000000000
##	SAMPLE	95	0.0000000000	0.406504380	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	96	0.0515622768	0.367596960	0.000000e+00	0.082718504	0.0000000000
##	SAMPLE	97	0.0000000000	0.014444921	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	98	0.0000000000	0.0000000000	8.752267e-03	0.016379871	0.0000000000
##	SAMPLE	99	0.0000000000	0.172824870	2.609007e-03	0.850076481	0.0000000000
##	SAMPLE	100	0.0080673230	0.181752676	6.727304e-04	0.0000000000	0.0000000000
##	SAMPLE	101	0.0052152128	0.206714980	5.311317e-05	0.0000000000	0.0728454992
##	SAMPLE	102	0.0000000000	0.056421754	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	103	0.0187316764	0.186585165	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	104	0.0480905025	0.674302125	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	105	0.0453889309	0.693388576	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	106	0.0000000000	0.287238579	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	107	0.0000000000	0.057877349	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	108	0.0276023708	0.480978042	6.593440e-03	0.0000000000	0.1506635358
##	SAMPLE	109	0.1552651336	13.507720849	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	110	0.3107499908	13.306489120	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	111	0.0253259669	0.064072158	0.000000e+00	0.603282098	0.0042505849
##	SAMPLE	112	0.0378247699	12.098654912	2.817064e-03	0.0000000000	0.0000000000

##	SAMPLE	113	0.0000000000	0.0000000000	8.234047e-03	0.0000000000	0.0000000000
##	SAMPLE	114	0.0035146957	0.035898633	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	115	0.0000000000	0.098330430	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	116	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	117	0.0122320818	0.114253853	0.000000e+00	0.0000000000	0.0092293369
##	SAMPLE	118	0.0000000000	0.192853635	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	119	0.0000000000	0.014708046	1.235944e-02	0.0000000000	0.0000000000
##	SAMPLE	120	0.0357937726	0.372362791	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	121	0.0361491478	9.480855456	1.038998e-03	0.0000000000	0.0000000000
##			OTU 231	OTU 234	OTU 236	OTU 238	OTU 242
##	SAMPLE	1	6.076241e-04	0.007659373	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	2	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	3	0.000000e+00	0.011925852	0.092436271	0.0015613930	0.008768893
##	SAMPLE	4	0.000000e+00	0.087756454	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	5	7.172769e-03	0.118105452	0.143586826	0.1377100699	0.057669721
##	SAMPLE	6	2.131802e-01	0.426387597	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	7	3.215294e-03	0.290270075	0.123659951	0.0098695745	0.026365636
##	SAMPLE	8	0.000000e+00	0.009191778	0.010363472	0.0000000000	0.005527757
##	SAMPLE	9	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	10	6.858959e-01	0.015645958	0.018140850	0.0139385457	0.014756028
##	SAMPLE	11	5.626401e-03	0.0000000000	0.085073935	0.0749410303	0.004072575
##	SAMPLE	12	0.000000e+00	0.0000000000	0.002285179	0.0000000000	0.0000000000
##	SAMPLE	13	0.000000e+00	0.007857969	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	14	5.752053e-02	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	15	2.514366e-01	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	16	1.936605e-02	0.059587722	0.041050621	0.0050309752	0.004885856
##	SAMPLE	17	0.000000e+00	0.012750161	0.024720703	0.0061701110	0.006676943
##	SAMPLE	18	1.975787e-01	0.193400258	0.0000000000	0.0551593139	0.097029661
##	SAMPLE	19	5.984032e-02	0.0000000000	0.008728099	0.0000000000	0.030359056
##	SAMPLE	20	3.866996e-02	0.0000000000	0.0000000000	0.0000000000	0.051698462
##	SAMPLE	21	1.981775e-02	0.0000000000	0.009311017	0.0000000000	0.0000000000
##	SAMPLE	22	0.000000e+00	0.844496871	0.0000000000	0.1151844748	0.0000000000
##	SAMPLE	23	6.942659e-02	0.016665702	0.021155762	0.0214651432	0.0000000000
##	SAMPLE	24	1.956129e-01	0.775546174	0.034969430	0.2963079093	0.026090641
##	SAMPLE	25	4.084401e-02	0.0000000000	0.015154895	0.0000000000	0.003785774
##	SAMPLE	26	7.019084e-01	0.064391175	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	27	1.212703e-03	0.009782386	0.045402140	0.0493720421	0.003832642
##	SAMPLE	28	3.401656e-03	0.086037293	0.006694523	0.0067917802	0.005916125
##	SAMPLE	29	5.653446e-01	0.0000000000	0.002427472	0.0000000000	0.0000000000
##	SAMPLE	30	0.000000e+00	0.0000000000	0.013430171	0.0000000000	0.001176751
##	SAMPLE	31	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	32	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	33	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	34	1.962121e-01	0.0000000000	0.060969864	0.0000000000	0.017897988
##	SAMPLE	35	8.221547e-02	0.010159867	0.143012051	0.0099768289	0.121593960
##	SAMPLE	36	1.916974e-01	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	37	8.806576e-02	0.0000000000	0.029841144	0.0000000000	0.0000000000
##	SAMPLE	38	6.298851e-02	0.0000000000	0.064338660	0.0032421683	0.074854287
##	SAMPLE	39	1.134335e-01	0.001366950	0.001384025	0.0087333120	0.0000000000
##	SAMPLE	40	5.680299e-01	0.165019895	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	41	3.453841e-02	0.0000000000	0.017038802	0.0144620713	0.006873796
##	SAMPLE	42	0.000000e+00	0.390571099	0.088108720	0.3517450266	0.027790025
##	SAMPLE	43	1.541801e-02	0.010978282	0.004372129	0.0018186363	0.034880225
##	SAMPLE	44	0.000000e+00	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	45	6.308802e-02	0.0000000000	0.094051134	0.0000000000	0.0000000000
##	SAMPLE	46	0.000000e+00	0.246932843	0.0000000000	0.0036731705	0.008015754

##	SAMPLE	47	0.000000e+00	0.053796106	0.100012177	0.0404323176	0.000000000
##	SAMPLE	48	0.000000e+00	0.005416966	0.000000000	0.0336271070	0.000000000
##	SAMPLE	49	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	50	0.000000e+00	0.006867445	0.011251926	0.0241001030	0.021395460
##	SAMPLE	51	0.000000e+00	0.092835052	0.000000000	0.000000000	0.006467079
##	SAMPLE	52	0.000000e+00	0.008911823	0.009450874	0.0019516316	0.108376618
##	SAMPLE	53	0.000000e+00	0.000000000	0.000000000	0.000000000	0.047883005
##	SAMPLE	54	0.000000e+00	0.000000000	0.051027638	0.0021362388	0.021124675
##	SAMPLE	55	2.252949e-02	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	56	1.210636e+01	12.429438779	0.079110988	0.0477776257	0.003906869
##	SAMPLE	57	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	58	1.677252e-03	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	59	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	60	0.000000e+00	0.000000000	0.027513927	0.0498275452	0.011437815
##	SAMPLE	61	3.938112e-03	0.000000000	0.026329813	0.000000000	0.012713051
##	SAMPLE	62	1.209650e-01	0.025569168	0.277537694	0.1140345130	0.043610993
##	SAMPLE	63	0.000000e+00	0.044590808	0.000000000	0.0316606713	0.002054402
##	SAMPLE	64	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	65	0.000000e+00	0.000000000	0.000000000	0.0169989409	0.000000000
##	SAMPLE	66	1.254897e+01	0.006294097	0.002806457	0.0112910366	0.007608212
##	SAMPLE	67	5.720025e-01	0.000000000	0.075919868	0.0057058792	0.009232864
##	SAMPLE	68	1.108983e-02	0.085454874	0.020928494	0.000000000	0.000000000
##	SAMPLE	69	0.000000e+00	0.060856324	0.000000000	0.000000000	0.000000000
##	SAMPLE	70	0.000000e+00	0.033806817	0.000000000	0.000000000	0.000000000
##	SAMPLE	71	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.000000e+00	0.404921676	0.078628300	0.0244620626	0.366318720
##	SAMPLE	73	4.426018e-01	11.992041136	0.000000000	0.0361350127	0.027755599
##	SAMPLE	74	0.000000e+00	0.000000000	0.036080577	0.000000000	0.012912765
##	SAMPLE	75	0.000000e+00	0.209404024	0.286063674	0.000000000	0.009743517
##	SAMPLE	76	2.686285e-02	0.000000000	0.084481899	0.0551343936	0.000000000
##	SAMPLE	77	1.204112e+01	0.000000000	0.737153386	0.000000000	0.230581963
##	SAMPLE	78	4.278432e-03	0.000000000	0.008304488	0.000000000	0.000000000
##	SAMPLE	79	2.065047e-01	0.000000000	0.005407439	0.000000000	0.000000000
##	SAMPLE	80	1.369914e-01	0.000000000	0.046475778	0.000000000	0.000000000
##	SAMPLE	81	0.000000e+00	0.042255166	0.015608282	0.0047855733	0.003985331
##	SAMPLE	82	5.093498e-01	0.003788435	0.019479499	0.000000000	0.000000000
##	SAMPLE	83	1.724958e-03	0.000000000	0.000000000	0.000000000	0.005645176
##	SAMPLE	84	8.164229e-02	0.000000000	0.136395608	0.000000000	0.000000000
##	SAMPLE	85	0.000000e+00	0.796306043	0.026886820	0.000000000	0.016885580
##	SAMPLE	86	8.809320e-02	0.126111139	0.219086906	0.000000000	0.000000000
##	SAMPLE	87	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	2.159479e-01	0.002144361	0.000000000	0.0011101563	0.007324182
##	SAMPLE	89	1.177819e+01	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	90	1.227802e+01	0.000000000	0.083281926	0.000000000	0.011801708
##	SAMPLE	91	1.663475e-01	0.027894399	0.081094659	0.0655543664	0.005648180
##	SAMPLE	92	1.734841e-02	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	93	0.000000e+00	0.297823721	0.000000000	0.000000000	0.000000000
##	SAMPLE	94	3.383661e-02	0.000383096	0.289279410	0.0029564798	0.083146306
##	SAMPLE	95	1.457973e-01	0.001387511	0.001152837	0.000000000	0.000000000
##	SAMPLE	96	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	97	0.000000e+00	0.014704287	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.000000e+00	0.002189411	0.002493442	0.0001992356	0.027319891
##	SAMPLE	99	0.000000e+00	0.000000000	0.030750406	0.0040882191	0.043060808
##	SAMPLE	100	5.823736e-02	11.815246528	0.000000000	0.0249525447	0.004516946
##	SAMPLE	101	0.000000e+00	0.013913208	0.017213560	0.000000000	0.003134744
##	SAMPLE	102	7.366343e-02	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE	103	6.097918e-01	0.000000000	0.032434926	0.000000000	0.000000000
##	SAMPLE	104	7.086182e-03	0.000000000	0.007718627	0.000000000	0.000000000
##	SAMPLE	105	1.806221e-03	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	106	7.265145e-02	0.044236118	0.000000000	0.000000000	0.000000000
##	SAMPLE	107	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	108	2.277937e-03	0.048171003	0.000000000	0.0502781433	0.036728009
##	SAMPLE	109	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	110	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	111	0.000000e+00	0.062725176	0.093547836	0.0569008485	0.006331194
##	SAMPLE	112	0.000000e+00	0.047167242	0.008837496	0.0055087121	0.003773944
##	SAMPLE	113	0.000000e+00	0.000000000	0.000000000	0.0027320624	0.000000000
##	SAMPLE	114	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	115	5.461367e-02	0.008077923	0.000000000	0.000000000	0.000000000
##	SAMPLE	116	5.802685e-02	0.015149863	0.000000000	0.000000000	0.000000000
##	SAMPLE	117	1.984560e-02	0.071110970	0.010101651	0.0097363145	0.000000000
##	SAMPLE	118	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	119	0.000000e+00	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	120	1.206033e+01	0.007659407	0.004472707	0.000000000	0.030531031
##	SAMPLE	121	0.000000e+00	0.002040939	0.000000000	0.000000000	0.007673880
##			OTU 246	OTU 248	OTU 250	OTU 252	OTU 254
##	SAMPLE	1	0.000000000	0.006512690	1.242686e-01	0.000000000	0.004260766
##	SAMPLE	2	0.000000000	0.000000000	2.106405e-02	0.391321869	0.000000000
##	SAMPLE	3	0.0096262201	0.379525293	5.981890e-01	0.009178455	0.052550072
##	SAMPLE	4	0.000000000	0.000000000	1.552496e-02	0.000000000	0.000000000
##	SAMPLE	5	0.0430034113	0.061637072	1.263533e+01	0.777232698	0.022177012
##	SAMPLE	6	0.000000000	0.137550947	3.208785e-01	0.141556973	0.000000000
##	SAMPLE	7	0.0070510427	12.136880326	1.251940e+01	12.993306419	0.200996573
##	SAMPLE	8	0.000000000	0.032144561	8.252590e-02	13.802820755	0.009408390
##	SAMPLE	9	0.000000000	0.020611363	1.291800e-01	0.000000000	0.000000000
##	SAMPLE	10	0.000000000	0.136433670	2.296295e-01	0.090492230	0.022676530
##	SAMPLE	11	0.0531063943	0.664690912	1.369982e+01	0.079288477	0.012039753
##	SAMPLE	12	0.000000000	0.041233463	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	13	0.0016255266	0.077080241	6.321140e-01	0.030980428	0.021560498
##	SAMPLE	14	0.0102805431	0.097976164	2.216748e-01	0.060455927	0.000000000
##	SAMPLE	15	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	16	0.0225437071	0.075671365	4.439164e-01	12.179879424	0.051205390
##	SAMPLE	17	0.0095666015	0.010139044	3.261577e-01	0.586553382	0.025461363
##	SAMPLE	18	0.1167686275	13.304240891	4.793238e-01	0.319984954	12.421981760
##	SAMPLE	19	0.0135912004	0.396648054	0.000000e+00	10.273981195	0.003770233
##	SAMPLE	20	0.000000000	0.199135578	1.187977e-01	0.000000000	0.000000000
##	SAMPLE	21	0.0132472665	0.000000000	1.013452e-01	0.355378444	0.000000000
##	SAMPLE	22	0.000000000	10.766221420	1.493267e+01	0.199406583	12.810914788
##	SAMPLE	23	0.0161926009	0.089378401	3.320281e-01	12.471187521	0.020455938
##	SAMPLE	24	0.0509887042	11.093728888	1.432182e+01	0.377821854	0.387009101
##	SAMPLE	25	0.0009190802	0.004276383	2.357189e-01	13.046585030	0.000000000
##	SAMPLE	26	0.000000000	0.032527506	9.797901e-02	0.000000000	0.000000000
##	SAMPLE	27	0.0047350074	0.414850770	1.203977e+01	0.645543103	0.044374137
##	SAMPLE	28	0.0046304426	0.449479959	4.079777e-01	0.154070654	0.054940239
##	SAMPLE	29	0.000000000	0.013384379	6.043339e-02	0.246133390	0.000000000
##	SAMPLE	30	0.000000000	0.042617788	4.847042e-02	0.007420723	0.000000000
##	SAMPLE	31	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	32	0.000000000	0.010579091	3.898257e-03	0.159981727	0.000000000
##	SAMPLE	33	0.000000000	0.000000000	1.278116e-01	0.376890672	0.000000000
##	SAMPLE	34	0.0572424529	0.060353545	9.016122e-02	0.341332742	0.000000000
##	SAMPLE	35	0.0402667010	0.359889054	8.519493e-01	14.872411184	0.049581006
##	SAMPLE	36	0.000000000	0.016972169	1.150198e-01	12.682285117	0.000000000

##	SAMPLE	37	0.0000000000	0.002912556	1.211128e-01	0.035512180	0.000000000
##	SAMPLE	38	0.0190770336	0.127986150	9.209814e-02	0.765921807	0.000000000
##	SAMPLE	39	0.0000000000	0.000000000	5.811819e-04	0.110437036	0.000000000
##	SAMPLE	40	0.0658413469	0.614202994	1.944157e-01	0.000000000	0.040484250
##	SAMPLE	41	0.0195062330	0.398500807	5.786428e-01	13.000212451	0.021224694
##	SAMPLE	42	0.0379978054	12.861913687	1.294908e+01	0.000000000	0.048488453
##	SAMPLE	43	0.0072418761	0.132811502	6.374392e-01	0.288316439	0.000000000
##	SAMPLE	44	0.0000000000	0.000000000	2.409695e-02	0.056756811	0.000000000
##	SAMPLE	45	0.0014015683	0.001476866	3.960517e-01	0.012603524	0.000000000
##	SAMPLE	46	0.1466146437	0.138859067	9.107299e-02	0.360587189	0.000000000
##	SAMPLE	47	0.0696172129	0.720374828	1.220048e+01	0.156843776	0.026975116
##	SAMPLE	48	0.0021471905	0.049370684	2.958681e-01	0.000000000	0.031297064
##	SAMPLE	49	0.0000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	50	0.0056612552	0.084465542	4.403373e-01	0.000000000	0.000000000
##	SAMPLE	51	0.0000000000	0.085480516	7.865413e-01	0.000000000	0.074198471
##	SAMPLE	52	0.0380173720	0.203911757	4.885821e-01	0.201670733	0.084371314
##	SAMPLE	53	0.0074735990	0.304190376	3.039547e-01	13.177315458	0.016049427
##	SAMPLE	54	0.0146939101	0.152578127	3.546527e-01	0.014163994	0.054382408
##	SAMPLE	55	0.0000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	56	0.0043956462	0.323821868	2.133095e-01	0.622278065	0.057261932
##	SAMPLE	57	0.0000000000	0.000000000	1.081997e-01	0.000000000	0.000000000
##	SAMPLE	58	0.0000000000	0.090014357	2.082300e-01	0.000000000	0.032702157
##	SAMPLE	59	0.0000000000	0.569878289	1.176242e+01	0.000000000	0.000000000
##	SAMPLE	60	0.0168818417	0.008804425	5.440001e-02	12.178381407	0.000000000
##	SAMPLE	61	0.0057379096	0.000000000	1.827318e-01	0.133336526	0.019654531
##	SAMPLE	62	0.0246098823	0.000000000	7.815943e-02	0.183809626	0.037033392
##	SAMPLE	63	0.0043650087	0.294709639	1.205058e+01	0.085544240	0.122038950
##	SAMPLE	64	0.0000000000	13.081701689	8.816350e-02	0.000000000	0.000000000
##	SAMPLE	65	0.0000000000	0.151414519	3.353230e-01	12.963475758	0.166423228
##	SAMPLE	66	0.0131460324	0.237845229	3.831973e-01	7.344298871	0.011079174
##	SAMPLE	67	0.0000000000	0.000000000	5.881133e-02	0.773294232	0.000000000
##	SAMPLE	68	0.0000000000	0.136116688	5.042566e-01	0.279256911	0.056645525
##	SAMPLE	69	0.0000000000	0.000000000	0.000000e+00	0.107247019	0.000000000
##	SAMPLE	70	0.0000000000	0.119976108	1.172936e+01	0.000000000	0.075661299
##	SAMPLE	71	0.0000000000	0.000000000	1.310472e-01	0.282940076	0.000000000
##	SAMPLE	72	0.2407390956	11.059595565	1.473106e+01	0.024944150	13.333392978
##	SAMPLE	73	0.1199236414	0.350749041	1.929014e-02	0.066238516	0.088747772
##	SAMPLE	74	0.0309796850	0.059442366	2.458193e-01	0.167842351	0.000000000
##	SAMPLE	75	0.0039945428	0.276545607	7.703186e-01	0.447309768	0.000000000
##	SAMPLE	76	0.0098825002	0.076552559	0.000000e+00	12.120553056	0.000000000
##	SAMPLE	77	0.0347088326	12.784922949	6.681049e-01	12.018226967	0.000000000
##	SAMPLE	78	0.0095362330	0.060308286	3.005130e-01	0.161930956	0.012154803
##	SAMPLE	79	0.0000000000	0.000000000	5.434953e-03	0.239951311	0.000000000
##	SAMPLE	80	0.0034132061	0.011288320	7.748042e-02	12.253332263	0.053994910
##	SAMPLE	81	0.0031335758	0.042071696	1.115410e-01	0.004493495	0.006422170
##	SAMPLE	82	0.0228325176	0.000000000	4.102241e-02	13.369409962	0.000000000
##	SAMPLE	83	0.0000000000	0.174371723	1.069707e-01	0.187316788	0.014535190
##	SAMPLE	84	0.0108330925	0.290001365	1.302338e+01	12.154628912	0.062573723
##	SAMPLE	85	0.0032154604	0.088073560	1.173122e-02	0.000000000	0.000000000
##	SAMPLE	86	0.0000000000	0.000000000	8.396919e-01	0.000000000	0.000000000
##	SAMPLE	87	0.0000000000	0.001033379	2.761591e-03	0.000000000	0.000000000
##	SAMPLE	88	0.0025054579	0.123826974	2.134104e-01	0.624173388	0.043352650
##	SAMPLE	89	0.0000000000	0.000000000	1.145942e-02	12.992094916	0.000000000
##	SAMPLE	90	0.1727334977	0.010207813	1.894622e-01	0.000000000	0.005998362
##	SAMPLE	91	0.0271235896	0.749706705	9.005265e-01	0.045380446	0.000000000
##	SAMPLE	92	0.0000000000	0.027728451	4.604307e-01	0.560124168	0.000000000

##	SAMPLE	93	0.0006006499	0.000000000	2.796690e-02	0.001274419	0.000000000
##	SAMPLE	94	0.0114983889	0.096123915	3.607048e-01	0.577480224	0.015502081
##	SAMPLE	95	0.0000000000	0.074284999	7.792418e-01	0.418903371	0.008465800
##	SAMPLE	96	0.0000000000	0.019713109	2.022802e-02	0.000000000	0.000000000
##	SAMPLE	97	0.0000000000	0.009007477	8.135370e-02	0.133100242	0.000000000
##	SAMPLE	98	0.0020958444	0.418007062	4.799637e-01	11.872594855	0.034502015
##	SAMPLE	99	0.0853801246	0.029773076	4.102602e-02	0.000000000	0.000000000
##	SAMPLE	100	0.0057950748	0.062073930	0.000000e+00	0.132400669	0.000000000
##	SAMPLE	101	0.0015686001	0.008977260	8.345574e-02	0.124670072	0.000000000
##	SAMPLE	102	0.0000000000	0.000000000	4.779427e-02	0.338580052	0.000000000
##	SAMPLE	103	0.0000000000	0.133884439	4.397752e-01	12.922485249	0.000000000
##	SAMPLE	104	0.0181269068	0.031738661	6.209855e-01	0.030044797	0.000000000
##	SAMPLE	105	0.0022182076	0.066960812	8.088214e-02	0.189298250	0.000000000
##	SAMPLE	106	0.0000000000	0.038399351	2.768158e-02	0.425083568	0.000000000
##	SAMPLE	107	0.0000000000	0.000000000	0.000000e+00	0.006429715	0.000000000
##	SAMPLE	108	0.0507882973	0.285662939	8.989314e-01	12.840400898	0.000000000
##	SAMPLE	109	0.0000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	110	0.0000000000	0.056390579	1.876514e-02	0.090506831	0.000000000
##	SAMPLE	111	0.0000000000	0.108877110	1.381038e-01	0.000000000	0.007771415
##	SAMPLE	112	0.0023309130	11.922745393	1.243477e+01	0.146560582	0.000000000
##	SAMPLE	113	0.0000000000	0.256485464	8.479042e-02	14.334645581	0.000000000
##	SAMPLE	114	0.0000000000	0.000000000	1.749573e-01	0.148629729	0.000000000
##	SAMPLE	115	0.0000000000	0.000000000	3.553059e-01	11.965708901	0.000000000
##	SAMPLE	116	0.0017895459	0.380193026	6.419998e-01	12.897870239	0.000000000
##	SAMPLE	117	0.0026388733	0.111116799	3.610330e-01	0.312968330	0.023270307
##	SAMPLE	118	0.0000000000	0.254547875	1.657450e-01	0.000000000	0.000000000
##	SAMPLE	119	0.0000000000	0.018468814	4.019389e-02	0.000000000	0.000000000
##	SAMPLE	120	0.0005511216	0.097890056	6.601691e-01	9.666069211	0.033748103
##	SAMPLE	121	0.0097587401	0.000000000	1.954103e-02	0.000000000	0.000000000
##			OTU 260	OTU 262	OTU 264	OTU 266	OTU 268
##	SAMPLE	1	1.011428e-02	1.154228e-02	0.000000000	0.000000e+00	1.475158e-02
##	SAMPLE	2	0.000000e+00	1.222929e-02	0.0073178905	0.000000e+00	0.000000e+00
##	SAMPLE	3	2.188080e-02	3.486043e-02	0.0117088908	0.000000e+00	2.083158e-02
##	SAMPLE	4	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	2.367148e-02
##	SAMPLE	5	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	2.581301e-02
##	SAMPLE	6	0.000000e+00	1.430806e-02	0.0066386521	0.000000e+00	2.459648e-01
##	SAMPLE	7	1.855182e-01	5.630091e-01	0.0468591607	5.673629e-02	2.060588e-02
##	SAMPLE	8	2.549024e-01	1.143684e+01	0.0244558062	2.742496e-01	2.663716e-02
##	SAMPLE	9	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	10	0.000000e+00	7.469711e-02	0.0125705136	0.000000e+00	3.865335e-02
##	SAMPLE	11	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	12	5.970872e-02	4.169973e-01	0.0003145219	0.000000e+00	3.625290e-03
##	SAMPLE	13	9.163781e-03	1.920742e-02	0.0006066563	1.698843e-02	2.373155e-02
##	SAMPLE	14	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	15	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	16	0.000000e+00	2.024776e-02	0.0000000000	0.000000e+00	1.001270e-02
##	SAMPLE	17	1.642553e-02	1.169378e+01	0.0089938309	1.164592e-01	1.480735e-02
##	SAMPLE	18	8.993575e-02	9.752114e-02	0.1530492946	4.744892e-01	8.685801e-02
##	SAMPLE	19	0.000000e+00	7.613603e-01	0.0000000000	1.517552e+01	1.443210e+01
##	SAMPLE	20	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	6.931445e-03
##	SAMPLE	21	3.481841e-03	5.716421e-01	0.0186087270	0.000000e+00	3.462992e-02
##	SAMPLE	22	1.143818e-01	1.790144e-01	0.1224451134	0.000000e+00	9.345581e-03
##	SAMPLE	23	9.368622e-03	2.100135e-01	0.0503368384	0.000000e+00	9.300555e-03
##	SAMPLE	24	6.424350e-04	1.634586e-02	0.0027239422	0.000000e+00	2.269006e-02
##	SAMPLE	25	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	26	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	3.004681e-02

##	SAMPLE	27	8.237443e-02	1.202963e+01	0.0153188496	8.138306e-03	5.450510e-02
##	SAMPLE	28	2.902748e-02	3.521433e-01	0.3366003342	0.000000e+00	2.418399e-02
##	SAMPLE	29	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	2.829385e-03
##	SAMPLE	30	4.673005e-01	1.206562e+01	0.0000000000	3.615101e-01	1.149864e+01
##	SAMPLE	31	3.360861e-01	1.268398e+01	0.0644106436	0.000000e+00	3.393318e-02
##	SAMPLE	32	0.000000e+00	3.442780e-02	0.0000000000	1.906409e-02	0.000000e+00
##	SAMPLE	33	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	34	2.110906e-02	2.941159e-01	0.0226368724	0.000000e+00	7.327706e-03
##	SAMPLE	35	0.000000e+00	1.420630e-02	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	36	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	37	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	38	0.000000e+00	6.355810e-03	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	39	3.531035e-02	2.279453e-01	0.0000000000	0.000000e+00	2.556028e-01
##	SAMPLE	40	2.166651e-03	1.290417e+01	0.0000000000	0.000000e+00	4.225158e-03
##	SAMPLE	41	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	42	0.000000e+00	1.651503e-03	0.0000000000	0.000000e+00	1.052744e-03
##	SAMPLE	43	0.000000e+00	1.564844e-02	0.0000000000	0.000000e+00	7.667758e-03
##	SAMPLE	44	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	9.103964e-02
##	SAMPLE	45	2.687232e-02	5.902619e-01	0.0174614904	0.000000e+00	8.813705e-03
##	SAMPLE	46	3.439988e-04	4.783132e-01	0.0000000000	0.000000e+00	1.680657e-02
##	SAMPLE	47	0.000000e+00	5.713071e-03	0.0000000000	0.000000e+00	8.245766e-04
##	SAMPLE	48	7.874968e-01	1.071445e+01	0.4756386079	3.046003e-01	1.219493e+01
##	SAMPLE	49	1.802775e-02	2.877869e-02	0.0406086792	0.000000e+00	4.238298e-03
##	SAMPLE	50	0.000000e+00	6.262657e-04	0.0015909909	0.000000e+00	0.000000e+00
##	SAMPLE	51	0.000000e+00	8.324077e-03	0.0223568271	0.000000e+00	4.395813e-02
##	SAMPLE	52	1.284340e+01	1.476391e+01	0.0270062760	1.375596e+01	5.341957e-02
##	SAMPLE	53	6.471029e-03	5.800363e-02	0.0110062985	3.622822e-03	1.490435e-02
##	SAMPLE	54	3.576727e-02	9.873348e-02	0.0170574446	0.000000e+00	4.522093e-02
##	SAMPLE	55	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	56	0.000000e+00	4.702412e-02	0.0000000000	0.000000e+00	1.205255e-01
##	SAMPLE	57	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	58	3.061836e-03	0.000000e+00	0.0000000000	0.000000e+00	7.584613e-03
##	SAMPLE	59	3.468783e-02	1.051847e-01	0.1232199564	6.512152e-02	9.470724e-02
##	SAMPLE	60	0.000000e+00	9.644817e+00	0.0000000000	4.991534e-03	0.000000e+00
##	SAMPLE	61	0.000000e+00	2.433317e-03	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	62	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	63	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	64	3.414369e-02	1.191786e+01	0.0348036518	2.185432e-01	2.270377e-01
##	SAMPLE	65	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	66	1.575463e-02	5.374864e-01	0.0152458644	1.232514e-01	1.130350e-02
##	SAMPLE	67	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	68	2.160470e-01	1.193614e+01	0.0955434294	0.000000e+00	3.548545e-01
##	SAMPLE	69	1.271776e-02	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	70	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	1.217307e-01
##	SAMPLE	71	4.411656e-02	7.057733e-02	0.0180733430	0.000000e+00	9.076599e-02
##	SAMPLE	72	0.000000e+00	0.000000e+00	0.0003246710	0.000000e+00	0.000000e+00
##	SAMPLE	73	2.606014e-03	1.044504e-02	0.0000000000	0.000000e+00	3.893254e-02
##	SAMPLE	74	0.000000e+00	1.810202e-01	0.0131918971	4.134436e-02	1.875955e-01
##	SAMPLE	75	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	5.117430e-02
##	SAMPLE	76	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	77	0.000000e+00	1.153968e-02	0.0000000000	0.000000e+00	2.213105e-02
##	SAMPLE	78	0.000000e+00	1.562336e-02	0.0038080802	0.000000e+00	0.000000e+00
##	SAMPLE	79	4.003213e-03	0.000000e+00	0.0000000000	0.000000e+00	4.870762e-03
##	SAMPLE	80	8.418569e-03	8.477147e-01	0.0108920707	0.000000e+00	2.001869e-02
##	SAMPLE	81	3.324330e-03	7.269469e-04	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	82	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00

##	SAMPLE	83	5.530762e-02	1.888249e-01	0.0088074673	0.000000e+00	7.945373e-02
##	SAMPLE	84	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	85	0.000000e+00	2.014952e-02	0.0925290812	0.000000e+00	5.346523e-02
##	SAMPLE	86	1.125796e-02	0.000000e+00	0.0296038035	0.000000e+00	2.996806e-03
##	SAMPLE	87	7.416358e-02	1.204534e+01	0.0585902656	0.000000e+00	2.508219e-02
##	SAMPLE	88	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	89	0.000000e+00	0.000000e+00	0.0951880402	0.000000e+00	1.178293e+01
##	SAMPLE	90	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	91	1.006376e-02	2.530080e-02	0.0787290962	0.000000e+00	7.791854e-02
##	SAMPLE	92	0.000000e+00	0.000000e+00	0.0020044942	0.000000e+00	0.000000e+00
##	SAMPLE	93	0.000000e+00	1.837587e-03	0.0122478406	0.000000e+00	1.298911e-03
##	SAMPLE	94	0.000000e+00	2.087834e-03	0.0125481158	0.000000e+00	3.134158e-02
##	SAMPLE	95	5.431457e-02	2.934270e-02	0.0018566950	9.968526e-03	1.618818e-02
##	SAMPLE	96	2.243911e-02	9.400290e-02	0.0060053192	0.000000e+00	6.540191e-02
##	SAMPLE	97	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	98	1.932082e-03	1.555903e-01	0.0100063070	1.298415e-02	4.697030e-02
##	SAMPLE	99	1.848437e-02	7.521620e-02	0.0111793871	0.000000e+00	6.199825e-02
##	SAMPLE	100	8.297904e-03	7.471180e-02	0.0000000000	1.260847e-02	4.456939e-02
##	SAMPLE	101	5.781916e-04	1.238573e-03	0.0020752157	0.000000e+00	8.380496e-03
##	SAMPLE	102	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	103	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	104	0.000000e+00	6.739308e-02	0.0453051290	0.000000e+00	9.449927e-04
##	SAMPLE	105	8.885788e-03	0.000000e+00	0.0000000000	0.000000e+00	1.919889e-03
##	SAMPLE	106	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	107	7.483769e-02	1.384708e+01	0.0349044881	1.418463e-01	4.617975e-01
##	SAMPLE	108	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	9.080780e-03
##	SAMPLE	109	6.868979e-02	4.762095e-02	0.0076474472	2.524532e-01	0.000000e+00
##	SAMPLE	110	3.521911e-01	7.924533e-01	0.0012005839	0.000000e+00	6.444457e-01
##	SAMPLE	111	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	3.358285e-04
##	SAMPLE	112	2.357322e-02	6.024085e-02	0.0419263861	0.000000e+00	1.180298e-01
##	SAMPLE	113	7.625694e-03	1.294879e+01	0.0055505011	9.990175e-03	1.474227e-02
##	SAMPLE	114	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	115	0.000000e+00	2.613541e-02	0.0145958059	0.000000e+00	4.053266e-03
##	SAMPLE	116	4.471165e-02	9.087061e-02	0.0265013808	5.648816e-02	3.545280e-02
##	SAMPLE	117	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	118	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	119	0.000000e+00	0.000000e+00	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	120	5.887067e-03	1.644119e-01	0.0000000000	0.000000e+00	1.334423e-02
##	SAMPLE	121	0.000000e+00	0.000000e+00	0.0000000000	4.565716e-04	0.000000e+00
##			OTU 270	OTU 274	OTU 278	OTU 280	OTU 284
##	SAMPLE	1	12.396171913	0.0000000000	0.7832414	0.0000000000	0.0000000000
##	SAMPLE	2	0.0000000000	0.0000000000	12.4019725	0.0000000000	0.0000000000
##	SAMPLE	3	0.307955660	0.0000000000	13.2410831	0.0423156042	0.0000000000
##	SAMPLE	4	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0761825426
##	SAMPLE	5	0.031758787	0.010381853	0.4856198	0.0000000000	0.0000000000
##	SAMPLE	6	0.095467503	0.0000000000	0.00000000	0.4418785560	0.0108081729
##	SAMPLE	7	0.019405456	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	8	0.030923314	0.002992117	0.00000000	0.0766705921	0.0000000000
##	SAMPLE	9	0.0000000000	0.0000000000	13.6147403	0.0033453156	0.0000000000
##	SAMPLE	10	0.041566627	0.175259128	13.6163680	0.1010196562	0.0000000000
##	SAMPLE	11	0.0000000000	0.0000000000	13.1197881	0.0000000000	0.0000000000
##	SAMPLE	12	0.013139592	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	13	0.188413630	0.0000000000	0.00000000	0.0096626112	0.0000000000
##	SAMPLE	14	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	15	0.0000000000	0.0000000000	0.00000000	0.0000000000	0.0000000000
##	SAMPLE	16	0.028349228	0.0000000000	12.7841329	0.3939028376	0.0140234354

##	SAMPLE	17	0.068746184	0.502224105	0.0000000	0.0180967589	0.0000000000
##	SAMPLE	18	0.000000000	0.117267111	0.0000000	0.7783467816	0.0000000000
##	SAMPLE	19	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	20	0.002074313	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	21	0.065091118	0.000000000	0.0000000	0.1040477792	0.0034204295
##	SAMPLE	22	0.034919507	0.000000000	0.0000000	0.0126894495	0.0000000000
##	SAMPLE	23	0.128621614	0.000000000	0.0000000	0.0247547990	0.0000000000
##	SAMPLE	24	0.108742930	0.187310970	0.0000000	0.0141939870	0.0000000000
##	SAMPLE	25	0.122532566	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	26	0.012697492	0.000000000	0.0000000	0.0000000000	0.0282336905
##	SAMPLE	27	12.025552101	0.010724990	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	28	0.020104159	0.019009544	0.0000000	0.2860131647	0.0968851878
##	SAMPLE	29	0.032728834	0.000000000	14.0214503	0.0021887590	0.0000000000
##	SAMPLE	30	0.005514783	0.000000000	0.0000000	0.6071415688	0.0000000000
##	SAMPLE	31	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	32	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	33	0.000000000	0.000000000	14.1561230	0.0000000000	0.0000000000
##	SAMPLE	34	0.049529984	0.002515539	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	35	0.054131728	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	36	0.007771357	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	37	0.011982316	0.016511924	0.4413545	0.0000000000	0.0000000000
##	SAMPLE	38	0.003360585	0.000000000	0.0000000	0.0033079571	0.0000000000
##	SAMPLE	39	0.126807325	0.829313326	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	40	0.011172002	0.049473968	0.0000000	0.0349685988	0.0000000000
##	SAMPLE	41	0.055136594	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	42	0.000000000	0.000000000	0.0000000	0.0000000000	0.0587326762
##	SAMPLE	43	0.547468317	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	44	0.354950796	0.000000000	0.0000000	0.0000000000	0.0093555066
##	SAMPLE	45	0.080548668	0.000000000	0.0000000	0.0060143546	0.0000000000
##	SAMPLE	46	0.016056094	0.066855244	0.2575340	0.0000000000	0.0000000000
##	SAMPLE	47	0.000000000	0.133901785	0.0000000	0.4279706458	0.0000000000
##	SAMPLE	48	0.177175757	0.102384661	0.0000000	0.3395929345	0.0000000000
##	SAMPLE	49	0.015492836	0.000000000	0.0000000	0.0131492263	0.0000000000
##	SAMPLE	50	0.090206238	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	51	1.257291259	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	52	0.281341061	0.000000000	0.0000000	0.0186433789	0.0000000000
##	SAMPLE	53	11.768214022	0.000000000	0.0000000	0.0251008470	0.0000000000
##	SAMPLE	54	0.006442557	12.335820303	0.0000000	0.0718237653	0.0000000000
##	SAMPLE	55	0.043388799	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	56	0.017008941	0.000000000	0.0000000	0.3383163286	0.0000000000
##	SAMPLE	57	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	58	0.064789962	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	59	0.024329353	0.000000000	0.0000000	0.0945289208	0.0000000000
##	SAMPLE	60	0.122259050	0.089720376	0.0000000	0.0262120932	0.0000000000
##	SAMPLE	61	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	62	0.011316287	0.000000000	11.8972775	0.0000000000	0.0000000000
##	SAMPLE	63	0.000000000	0.002837051	0.0000000	0.0009267846	0.0000000000
##	SAMPLE	64	0.055360030	0.000000000	0.0000000	0.8329385882	0.0000000000
##	SAMPLE	65	0.023868268	0.004553479	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	66	0.060823163	0.000000000	0.0000000	0.1219135544	0.0000000000
##	SAMPLE	67	0.149918380	0.000000000	14.0712909	0.0000000000	0.0000000000
##	SAMPLE	68	0.113505354	0.000000000	0.0000000	0.1718245871	0.0000000000
##	SAMPLE	69	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	70	0.254305771	0.000000000	0.0000000	0.1375431587	0.0000000000
##	SAMPLE	71	0.244434725	0.005618803	0.0000000	0.0536686058	0.0000000000
##	SAMPLE	72	0.011287270	0.005631482	0.0000000	0.0000000000	0.0000000000

##	SAMPLE	73	0.357311638	0.000000000	0.2400898	0.0026679788	0.0035505665
##	SAMPLE	74	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	75	0.000000000	13.934458468	0.0000000	0.0136781776	0.3467143610
##	SAMPLE	76	0.263429892	0.000000000	12.9142826	0.0000000000	0.0000000000
##	SAMPLE	77	0.050703713	0.000000000	11.7690770	0.0000000000	0.0005733047
##	SAMPLE	78	0.027880974	0.003609971	12.2150764	0.0000000000	0.0071699411
##	SAMPLE	79	0.128506632	0.000000000	12.8691267	0.0000000000	0.0000000000
##	SAMPLE	80	0.011037380	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	81	0.038432037	0.000000000	0.0000000	0.0035659003	0.0000000000
##	SAMPLE	82	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	83	0.012964325	0.392109275	13.4407065	0.0000000000	0.0000000000
##	SAMPLE	84	0.371773829	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	85	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	86	0.040214879	0.007508341	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	87	0.006147179	0.000000000	0.0000000	0.0166400797	0.0007720229
##	SAMPLE	88	0.071120295	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	89	0.196141023	0.000000000	0.0000000	0.2400220811	0.0000000000
##	SAMPLE	90	0.007252393	0.002588528	8.6678969	0.0000000000	0.0000000000
##	SAMPLE	91	0.032164076	0.000000000	0.3651469	0.0121976545	0.0000000000
##	SAMPLE	92	0.007136931	0.013296374	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	93	0.110066792	0.001605013	0.7713256	0.0339228843	0.0000000000
##	SAMPLE	94	0.084619724	0.142342678	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	95	0.065000394	0.031394196	0.0000000	0.0575666051	0.0000000000
##	SAMPLE	96	0.056058850	0.000000000	0.5764819	0.0000000000	0.0000000000
##	SAMPLE	97	0.000000000	0.089660312	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	98	0.057305803	0.000000000	11.8542848	0.0000000000	0.0000000000
##	SAMPLE	99	0.050775905	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	100	0.137350942	0.000000000	0.0000000	0.0040052373	0.0000000000
##	SAMPLE	101	0.025325039	0.000000000	12.5607692	0.0065646141	0.0000000000
##	SAMPLE	102	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	103	0.117872272	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	104	0.836307857	0.000000000	0.0000000	0.0219746052	0.0000000000
##	SAMPLE	105	0.056697186	0.000000000	12.1079250	0.0000000000	0.0000000000
##	SAMPLE	106	0.000000000	0.000000000	0.6900466	0.0000000000	0.0000000000
##	SAMPLE	107	0.000000000	0.125639700	0.0000000	0.5048377564	0.0000000000
##	SAMPLE	108	0.011984543	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	109	0.154329905	0.000000000	0.0000000	0.0107745123	0.0000000000
##	SAMPLE	110	11.542043121	0.000000000	0.0000000	0.4478389811	0.0000000000
##	SAMPLE	111	0.009723768	0.010222596	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	112	0.030531003	0.000000000	0.0000000	0.0893636202	0.0000000000
##	SAMPLE	113	0.069155131	12.041342535	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	114	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	115	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	116	0.019454380	0.000000000	0.0000000	0.3808328053	0.0000000000
##	SAMPLE	117	0.377430763	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	118	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	119	0.000000000	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	120	0.008292652	0.000000000	0.0000000	0.0000000000	0.0000000000
##	SAMPLE	121	0.021236660	0.000000000	12.4330248	0.0000000000	0.0000000000
##			OTU 287	OTU 295	OTU 298	OTU 301	OTU 307
##	SAMPLE	1	3.314656e-03	0.0320885500	3.038582e-04	0.0071616325	6.824292e-01
##	SAMPLE	2	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	6.321886e-01
##	SAMPLE	3	1.485017e-04	0.0000000000	1.174498e-03	0.0158485537	1.292473e+01
##	SAMPLE	4	1.855630e-02	0.0000000000	0.000000e+00	0.0000000000	7.275976e-01
##	SAMPLE	5	3.704269e-03	0.0000000000	0.000000e+00	0.0000000000	7.204502e-01
##	SAMPLE	6	1.231949e-01	0.0000000000	0.000000e+00	0.0061590687	2.070216e-01

##	SAMPLE 7	0.000000e+00	0.0077114115	8.581232e-03	0.0055636165	1.265036e+01
##	SAMPLE 8	0.000000e+00	0.2127421532	1.490987e-02	0.0024405972	1.366163e+01
##	SAMPLE 9	0.000000e+00	0.0000000000	7.429305e-03	0.0000000000	1.309829e+01
##	SAMPLE 10	3.006912e-01	0.0000000000	0.000000e+00	0.0002722690	7.633403e-01
##	SAMPLE 11	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.193283e+01
##	SAMPLE 12	1.831939e-02	0.0104830015	7.197168e-02	0.0104688518	0.000000e+00
##	SAMPLE 13	0.000000e+00	0.0000000000	1.341504e-02	0.0391708738	9.536218e+00
##	SAMPLE 14	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.182030e+01
##	SAMPLE 15	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.445561e-01
##	SAMPLE 16	2.381213e-01	0.0000000000	6.089221e-02	0.0225199419	9.996246e+00
##	SAMPLE 17	4.512669e-03	0.0228389520	3.665893e-02	0.0000000000	1.297691e+01
##	SAMPLE 18	1.463835e-01	0.0547349897	2.760654e-03	0.0717603265	7.220918e-01
##	SAMPLE 19	0.000000e+00	0.0183433009	1.250776e+01	0.0000000000	0.000000e+00
##	SAMPLE 20	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.198550e+01
##	SAMPLE 21	1.341145e-02	0.0000000000	0.000000e+00	0.0000000000	1.233572e+01
##	SAMPLE 22	4.684409e-04	0.1260638582	2.220851e-03	0.0000000000	4.645582e-01
##	SAMPLE 23	4.195957e-03	0.0469730906	8.619629e-03	0.0032102560	1.382367e+01
##	SAMPLE 24	3.204855e-02	0.0000000000	0.000000e+00	0.0506357958	3.125298e-02
##	SAMPLE 25	6.733979e-03	0.0000000000	0.000000e+00	0.0000000000	1.343243e+01
##	SAMPLE 26	3.839409e-01	0.0000000000	0.000000e+00	0.0108526132	1.322114e+01
##	SAMPLE 27	0.000000e+00	0.0048572994	1.683035e-02	0.0000000000	0.000000e+00
##	SAMPLE 28	2.267276e-02	0.0144067525	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 29	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.216408e+01
##	SAMPLE 30	0.000000e+00	0.1649453582	2.539339e-02	0.0041850475	2.117978e-02
##	SAMPLE 31	0.000000e+00	0.0187025555	1.198376e+01	0.0000000000	2.943988e-03
##	SAMPLE 32	0.000000e+00	0.0000000000	3.147967e-03	0.0175547355	3.860130e-01
##	SAMPLE 33	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.418236e+01
##	SAMPLE 34	0.000000e+00	0.0489065711	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 35	3.024783e-03	0.0000000000	3.393380e-03	0.0000000000	1.780176e-01
##	SAMPLE 36	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	5.885934e-01
##	SAMPLE 37	2.481363e-03	0.0000000000	0.000000e+00	0.0000000000	9.763104e+00
##	SAMPLE 38	0.000000e+00	0.0000000000	0.000000e+00	0.0017278288	1.328670e+01
##	SAMPLE 39	1.274602e+01	0.0427103019	0.000000e+00	0.0043506536	1.239255e+01
##	SAMPLE 40	2.806571e-02	0.0073759055	1.164169e-01	0.0000000000	1.776474e-02
##	SAMPLE 41	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	8.638691e+00
##	SAMPLE 42	1.147027e+01	0.0026055405	0.000000e+00	0.0000000000	2.492397e-03
##	SAMPLE 43	1.721293e-03	0.0000000000	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 44	7.339934e-03	0.0000000000	1.572050e-02	0.0000000000	1.052481e-01
##	SAMPLE 45	0.000000e+00	0.0027560569	6.224203e-03	0.0123801146	1.149722e+01
##	SAMPLE 46	1.366041e-01	0.0000000000	2.196565e-03	0.0373207268	1.264861e+01
##	SAMPLE 47	4.570472e-02	0.0000000000	0.000000e+00	0.0000000000	6.492542e-01
##	SAMPLE 48	0.000000e+00	0.5772045886	1.257836e+01	0.0110848310	0.000000e+00
##	SAMPLE 49	0.000000e+00	0.0573704318	5.182136e-03	0.0150061334	1.329904e+01
##	SAMPLE 50	9.783679e-04	0.0000000000	0.000000e+00	0.0000000000	3.580358e-02
##	SAMPLE 51	2.796557e-02	0.0111228068	0.000000e+00	0.0125388940	1.376562e+01
##	SAMPLE 52	0.000000e+00	0.7016856234	4.036049e-01	0.0000000000	0.000000e+00
##	SAMPLE 53	0.000000e+00	0.0006898577	2.221780e-02	0.0000000000	1.399385e+01
##	SAMPLE 54	0.000000e+00	0.0086243155	2.124164e-02	0.0000000000	1.234444e+01
##	SAMPLE 55	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.353128e+01
##	SAMPLE 56	5.098589e-03	0.0000000000	1.100715e-01	0.0514570808	0.000000e+00
##	SAMPLE 57	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE 58	6.088051e-03	0.0000000000	5.575554e-03	0.0216008077	5.739710e-01
##	SAMPLE 59	0.000000e+00	0.0000000000	0.000000e+00	0.0194666671	1.647044e-01
##	SAMPLE 60	2.444190e-04	0.0000000000	1.477296e-02	0.0000000000	0.000000e+00
##	SAMPLE 61	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.371381e+01
##	SAMPLE 62	2.425076e-03	0.0000000000	0.000000e+00	0.0000000000	1.315272e+01

##	SAMPLE	63	1.176157e-03	0.0000000000	1.102486e-01	0.0000000000	1.282620e+01
##	SAMPLE	64	3.217959e-04	0.0394364569	1.090412e-01	0.0124804242	0.000000e+00
##	SAMPLE	65	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	66	1.334993e-03	0.0073580377	5.511458e-02	0.0385306437	6.192176e-01
##	SAMPLE	67	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.302231e+01
##	SAMPLE	68	1.534511e-01	0.2589557635	5.113978e-02	0.0069405457	1.354204e-02
##	SAMPLE	69	1.170504e+01	0.0000000000	0.000000e+00	0.0000000000	4.829521e-01
##	SAMPLE	70	2.688699e-01	0.0000000000	0.000000e+00	0.0000000000	1.167907e-01
##	SAMPLE	71	3.333941e-04	0.0044813065	5.077300e-03	0.0000000000	2.234148e-02
##	SAMPLE	72	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	3.387848e-04
##	SAMPLE	73	7.712988e-03	0.0000000000	0.000000e+00	0.0000000000	1.274193e+01
##	SAMPLE	74	0.000000e+00	0.0000000000	3.207578e-02	0.0000000000	1.241077e+01
##	SAMPLE	75	1.253140e+01	0.0000000000	0.000000e+00	0.0000000000	1.356194e+01
##	SAMPLE	76	9.705935e-03	0.0000000000	0.000000e+00	0.0000000000	1.047340e+01
##	SAMPLE	77	2.799128e-02	0.0000000000	1.471414e-02	0.0008598338	0.000000e+00
##	SAMPLE	78	0.000000e+00	0.0000000000	3.498518e-03	0.0000000000	1.235249e+01
##	SAMPLE	79	2.065065e-02	0.0015479685	0.000000e+00	0.0040445419	1.187352e+01
##	SAMPLE	80	0.000000e+00	0.0068943881	9.040827e-03	0.0056202468	1.236044e+01
##	SAMPLE	81	3.718441e-03	0.0000000000	6.886997e-04	0.0045569979	1.301604e+01
##	SAMPLE	82	3.178566e-03	0.0000000000	0.000000e+00	0.0000000000	1.231525e+01
##	SAMPLE	83	2.542505e-04	0.0037803220	5.725020e-03	0.0344247303	1.259860e+01
##	SAMPLE	84	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.369312e+01
##	SAMPLE	85	3.298126e-01	0.0000000000	9.483244e-02	0.0000000000	0.000000e+00
##	SAMPLE	86	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.351962e+01
##	SAMPLE	87	7.672226e-02	0.0160150720	0.000000e+00	0.0011951374	3.316648e-01
##	SAMPLE	88	1.711339e-02	0.0000000000	2.356054e-03	0.0000000000	1.788534e-01
##	SAMPLE	89	0.000000e+00	0.0000000000	3.658847e-02	0.0000000000	0.000000e+00
##	SAMPLE	90	2.139705e-03	0.0000000000	0.000000e+00	0.0000000000	1.310959e+01
##	SAMPLE	91	1.883687e-02	0.0033826545	2.385335e-02	0.0186714212	1.413833e+01
##	SAMPLE	92	1.966472e-03	0.0000000000	5.774222e-03	0.0021312259	1.297356e+01
##	SAMPLE	93	1.161458e+01	0.0000000000	1.494827e-03	0.0193929000	5.126644e-02
##	SAMPLE	94	3.550212e-02	0.0000000000	6.418375e-02	0.0000000000	7.169843e-01
##	SAMPLE	95	0.000000e+00	0.0000000000	1.012079e-01	0.0029648000	1.324654e+01
##	SAMPLE	96	0.000000e+00	0.0068751912	5.754772e-02	0.0076226764	1.347954e+01
##	SAMPLE	97	6.184221e-03	0.0000000000	0.000000e+00	0.0000000000	1.421028e+01
##	SAMPLE	98	1.127037e-02	0.0000000000	1.538776e-02	0.0128221613	0.000000e+00
##	SAMPLE	99	1.078749e-02	0.0097704909	5.458581e-02	0.0288730883	1.364032e+01
##	SAMPLE	100	9.862027e-03	0.0001712834	2.700413e-03	0.0004770737	0.000000e+00
##	SAMPLE	101	1.985853e-01	0.0000000000	0.000000e+00	0.0042284112	1.184655e+01
##	SAMPLE	102	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.066925e+01
##	SAMPLE	103	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.188143e+01
##	SAMPLE	104	0.000000e+00	0.0157828382	5.411332e-03	0.0015813323	1.397374e+01
##	SAMPLE	105	0.000000e+00	0.0000000000	1.190059e-02	0.0019056813	8.203106e-01
##	SAMPLE	106	0.000000e+00	0.0000000000	4.303879e-03	0.0000000000	3.823348e-01
##	SAMPLE	107	0.000000e+00	0.0718304397	1.330631e-01	0.0000000000	0.000000e+00
##	SAMPLE	108	0.000000e+00	0.0000000000	2.261207e-03	0.0103594749	8.646772e-01
##	SAMPLE	109	0.000000e+00	0.0000000000	4.357717e-03	0.0079859801	0.000000e+00
##	SAMPLE	110	0.000000e+00	0.0117177940	2.882957e-02	0.0000000000	1.578765e-02
##	SAMPLE	111	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.399292e+01
##	SAMPLE	112	3.908969e-02	0.0013579011	1.256371e-02	0.0000000000	1.281356e+01
##	SAMPLE	113	1.104490e-03	0.0139983361	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	114	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.250723e+01
##	SAMPLE	115	5.220611e-03	0.0000000000	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	116	0.000000e+00	0.0154229947	1.072385e-02	0.0000000000	0.000000e+00
##	SAMPLE	117	2.499216e-04	0.0000000000	0.000000e+00	0.0012727587	1.217401e+01
##	SAMPLE	118	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	7.216464e-01

##	SAMPLE	119	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	1.124917e+01
##	SAMPLE	120	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.000000e+00
##	SAMPLE	121	2.042815e-04	0.0000000000	0.000000e+00	0.0167794741	1.128386e+01
##			OTU 309	OTU 311	OTU 313	OTU 315	OTU 317
##	SAMPLE	1	1.071772e+01	13.238760779	1.125142e+01	0.000000e+00	6.983065e-01
##	SAMPLE	2	2.717840e-02	0.742072171	2.352227e-01	2.771103e-01	1.249352e+01
##	SAMPLE	3	6.761216e-01	0.565760136	1.434879e+01	6.666353e-02	0.000000e+00
##	SAMPLE	4	3.564013e-01	0.195446859	1.160089e+01	1.140482e-01	1.184655e+01
##	SAMPLE	5	1.289373e+01	0.513488471	1.418260e+01	1.182561e+01	5.751319e-01
##	SAMPLE	6	1.199685e+01	0.000000000	3.448120e-01	1.269322e+01	4.479678e-01
##	SAMPLE	7	1.059603e+01	0.555645917	2.913828e-03	5.819191e-03	6.104627e-01
##	SAMPLE	8	6.823968e-01	0.000000000	9.384079e-04	0.000000e+00	0.000000e+00
##	SAMPLE	9	4.001457e-01	0.001886061	1.435874e+01	1.337737e+01	2.446286e-01
##	SAMPLE	10	1.230676e+01	0.115426544	1.283339e+01	2.217775e-01	2.336942e-01
##	SAMPLE	11	1.226076e+01	0.321119336	1.377513e+01	1.247876e+01	9.803714e-02
##	SAMPLE	12	5.582886e-01	0.192843619	1.383484e+01	1.036018e+01	0.000000e+00
##	SAMPLE	13	1.296253e+01	0.611656286	1.433133e+01	1.182277e+01	6.217676e-01
##	SAMPLE	14	6.461307e-02	0.261366866	1.334583e+01	3.545795e-01	1.270829e-01
##	SAMPLE	15	3.049177e-02	0.490268308	1.258951e+01	0.000000e+00	2.909678e-01
##	SAMPLE	16	2.922636e-01	0.000000000	1.228131e-01	6.601751e-03	3.569392e-02
##	SAMPLE	17	1.586845e-04	0.000000000	1.480402e+01	0.000000e+00	3.360990e-03
##	SAMPLE	18	9.129508e-03	0.567616744	1.281359e+01	0.000000e+00	0.000000e+00
##	SAMPLE	19	0.000000e+00	0.000000000	5.085244e-01	0.000000e+00	0.000000e+00
##	SAMPLE	20	1.325009e+01	0.573516570	2.025433e-01	0.000000e+00	1.668546e-01
##	SAMPLE	21	1.254850e+01	9.722120051	1.081489e-01	1.118968e-02	0.000000e+00
##	SAMPLE	22	1.256814e+01	0.846776472	1.322823e+01	5.510842e-04	1.018814e-01
##	SAMPLE	23	1.223203e+01	0.419950678	1.230418e+01	1.455562e+01	1.250957e+01
##	SAMPLE	24	1.271455e+01	0.000000000	1.324767e-01	4.012983e-01	1.269995e+01
##	SAMPLE	25	1.278048e+01	0.586992849	1.466303e+01	5.985384e-01	1.225055e+01
##	SAMPLE	26	9.527171e-01	0.144013921	1.243657e+01	1.378060e+01	0.000000e+00
##	SAMPLE	27	8.604839e-01	0.403854949	1.387825e+01	4.859688e-02	1.224147e+01
##	SAMPLE	28	5.390454e-01	12.416643516	8.795204e-01	3.453314e-01	1.092507e-01
##	SAMPLE	29	1.336794e+01	0.324126830	1.400489e+01	2.890691e-01	3.381075e-01
##	SAMPLE	30	3.439132e-04	0.000000000	4.277264e-03	1.155764e-01	0.000000e+00
##	SAMPLE	31	0.000000e+00	0.000000000	1.350535e+01	8.041959e-02	0.000000e+00
##	SAMPLE	32	1.293476e-01	0.129002974	1.499058e-01	6.377816e-01	8.201533e-03
##	SAMPLE	33	1.741110e-01	0.054173093	1.375246e+01	2.323992e-01	5.892433e-01
##	SAMPLE	34	0.000000e+00	0.000000000	1.208248e-03	0.000000e+00	1.286378e+01
##	SAMPLE	35	1.409281e+01	0.069612943	1.304401e+01	8.813977e-04	2.722323e-01
##	SAMPLE	36	9.983418e-01	0.160138708	1.461544e+01	1.157115e-01	5.254162e-01
##	SAMPLE	37	3.361509e-01	0.078017228	1.439821e+01	1.187528e+01	4.806167e-01
##	SAMPLE	38	3.071566e-01	0.307564316	1.418210e+01	2.428648e-01	4.543262e-02
##	SAMPLE	39	1.473948e-01	0.000000000	2.239350e-01	3.422472e-01	1.116000e-01
##	SAMPLE	40	2.161066e-02	0.000000000	1.267041e+01	0.000000e+00	5.104233e-03
##	SAMPLE	41	1.242407e+01	0.355346507	1.435097e+01	1.045497e-02	9.750390e+00
##	SAMPLE	42	6.776501e-01	0.486012915	1.119197e-01	0.000000e+00	5.571793e-02
##	SAMPLE	43	1.431746e+01	12.998997863	1.253604e+01	0.000000e+00	1.204887e+01
##	SAMPLE	44	1.593338e-01	0.000000000	8.944466e-02	1.251559e-01	0.000000e+00
##	SAMPLE	45	4.531635e-01	0.391525109	1.508157e+01	0.000000e+00	3.185041e-01
##	SAMPLE	46	3.385358e-01	0.453387890	5.698090e-03	1.254142e+01	9.419760e-04
##	SAMPLE	47	2.239506e-02	0.176660130	4.026544e-01	5.898201e-01	1.234354e+01
##	SAMPLE	48	2.124066e-01	0.000000000	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	49	5.802602e-02	0.002014765	1.236337e+01	1.356171e+01	8.811251e-04
##	SAMPLE	50	9.680054e+00	0.083061238	1.441815e+01	0.000000e+00	6.695296e-01
##	SAMPLE	51	3.763717e-01	0.322982900	2.705556e-02	1.159937e+00	8.088944e-01
##	SAMPLE	52	6.236776e-03	0.000000000	2.114023e-02	0.000000e+00	0.000000e+00

##	SAMPLE	53	1.309634e+01	12.023874471	1.296311e+01	1.308626e+01	7.811697e-01
##	SAMPLE	54	6.116193e-01	0.122900957	5.839021e-01	9.950168e-02	1.195300e+01
##	SAMPLE	55	6.181703e-01	0.680352767	1.373042e+01	6.376259e-01	1.291672e+01
##	SAMPLE	56	6.601858e-02	0.001363762	3.979132e-02	1.399766e+01	0.000000e+00
##	SAMPLE	57	3.023296e-01	0.000000000	1.062060e+01	0.000000e+00	0.000000e+00
##	SAMPLE	58	1.326130e+01	11.862509550	1.236986e+01	1.285095e+01	2.562790e-01
##	SAMPLE	59	6.581008e-01	0.722808080	1.229511e+01	1.317419e+01	1.206172e-01
##	SAMPLE	60	1.597656e-02	0.388126622	6.853724e-01	4.760023e-01	1.368364e-01
##	SAMPLE	61	1.212550e+01	0.488760336	1.372961e+01	2.909203e-02	1.073639e-01
##	SAMPLE	62	1.350767e+01	0.683278217	1.437630e+01	8.041642e-01	4.639508e-01
##	SAMPLE	63	1.285005e+01	0.694317682	1.410188e+01	0.000000e+00	1.366113e-03
##	SAMPLE	64	4.738609e-02	0.000000000	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	65	1.894202e-01	0.000000000	6.141068e-01	3.143457e-03	0.000000e+00
##	SAMPLE	66	1.286412e+01	0.572465973	1.408807e+01	1.365856e+01	1.180305e+01
##	SAMPLE	67	6.039244e-01	0.126130083	1.295692e+01	1.208358e+01	1.209745e+01
##	SAMPLE	68	1.275089e+01	0.000000000	1.393272e+01	8.773154e-02	0.000000e+00
##	SAMPLE	69	5.780561e-01	0.131672330	7.753589e-01	1.374086e+01	1.073080e-01
##	SAMPLE	70	7.678096e-01	0.374371237	1.303067e+01	2.087569e-01	0.000000e+00
##	SAMPLE	71	8.271963e-01	0.720709880	1.501640e+01	0.000000e+00	1.244411e+01
##	SAMPLE	72	1.048656e-01	0.115236218	1.201048e+01	6.682623e-02	1.202355e+01
##	SAMPLE	73	8.258610e-01	0.302152620	1.321216e+01	1.947799e-01	1.250119e+01
##	SAMPLE	74	9.613784e+00	0.615915262	1.432457e+01	0.000000e+00	1.179622e+01
##	SAMPLE	75	2.599085e-01	0.184826854	1.365263e+01	0.000000e+00	0.000000e+00
##	SAMPLE	76	1.403889e+01	0.805261827	3.526969e-01	4.049050e-01	9.617003e-01
##	SAMPLE	77	1.881461e-01	0.597937900	1.444340e+01	0.000000e+00	1.241075e+01
##	SAMPLE	78	9.773748e+00	0.506333343	1.397137e+01	9.326943e-03	1.187546e+01
##	SAMPLE	79	5.784100e-01	0.614547140	4.628012e-01	1.259503e+01	1.311557e+01
##	SAMPLE	80	1.586037e-01	0.490633138	4.073498e-02	3.871305e-01	3.068368e-01
##	SAMPLE	81	6.895261e-01	0.253259907	7.783628e-01	2.339507e-01	4.479582e-02
##	SAMPLE	82	1.257469e+01	0.598511661	1.374865e+01	1.187168e+01	6.690551e-01
##	SAMPLE	83	1.856953e-01	9.756076096	1.392781e+01	1.207856e+01	5.166666e-02
##	SAMPLE	84	1.252884e+01	0.329054535	1.208396e+01	7.797132e-01	1.101907e-02
##	SAMPLE	85	1.139437e-01	0.000000000	3.561951e-02	0.000000e+00	0.000000e+00
##	SAMPLE	86	1.295924e+01	12.101373270	1.063113e+01	9.259812e-01	1.364747e+01
##	SAMPLE	87	7.211331e-03	0.753413060	1.414995e+01	7.932043e-02	3.334871e-01
##	SAMPLE	88	7.665118e-01	0.150516869	1.434677e+01	9.191834e-02	1.252037e+01
##	SAMPLE	89	4.366553e-02	0.000000000	4.341994e-01	0.000000e+00	1.171557e-02
##	SAMPLE	90	7.471255e-01	0.362945809	1.248778e+01	6.126505e-01	2.950469e-01
##	SAMPLE	91	4.373280e-01	0.102395343	6.463824e-02	4.588024e-01	4.559642e-01
##	SAMPLE	92	1.269036e+01	0.271687250	1.249442e+00	1.969790e-01	1.133546e+00
##	SAMPLE	93	1.206885e+01	12.021930787	1.388402e+01	1.806913e-02	3.899784e-01
##	SAMPLE	94	1.267498e+01	0.374117132	1.302602e+01	1.675956e-01	1.286188e+01
##	SAMPLE	95	7.743792e-01	0.925409118	0.000000e+00	8.385748e-02	1.358939e+01
##	SAMPLE	96	8.281522e-02	0.310931023	1.308225e+01	2.740904e-02	0.000000e+00
##	SAMPLE	97	6.265963e-01	0.156498278	1.346686e+01	1.348189e+01	7.061138e-01
##	SAMPLE	98	1.301184e+01	0.000000000	1.448709e+01	4.976217e-02	0.000000e+00
##	SAMPLE	99	1.334518e+01	0.000000000	6.853356e-03	0.000000e+00	1.233734e+01
##	SAMPLE	100	1.383542e+01	0.000000000	1.577145e-03	1.590498e-04	0.000000e+00
##	SAMPLE	101	1.234182e+01	0.342633082	1.104084e-01	1.191428e+01	3.395448e-01
##	SAMPLE	102	4.039268e-01	0.037061940	1.344485e+01	6.530675e-02	2.292121e-01
##	SAMPLE	103	1.295050e+01	0.231968980	1.421980e+01	7.047351e-01	4.280001e-01
##	SAMPLE	104	7.303798e-01	0.382508774	1.328545e+01	5.004450e-01	7.023471e-01
##	SAMPLE	105	4.073938e-02	0.080842748	1.198035e+01	1.321271e+01	3.300292e-01
##	SAMPLE	106	5.553989e-01	0.412006106	1.369348e+01	1.999439e-01	2.163164e-02
##	SAMPLE	107	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	108	2.447113e-01	0.486168284	7.099156e-01	1.004917e+01	1.558999e-01

##	SAMPLE	109	0.000000e+00	0.000000000	8.350579e-01	1.007926e+01	0.000000e+00
##	SAMPLE	110	0.000000e+00	0.000000000	1.145965e-02	1.306691e+01	0.000000e+00
##	SAMPLE	111	1.260905e+01	0.178807366	1.248542e+01	1.127992e-01	1.272581e+01
##	SAMPLE	112	4.134552e-02	0.517026642	1.437067e-02	0.000000e+00	3.052774e-01
##	SAMPLE	113	0.000000e+00	0.000000000	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	114	1.231555e+01	0.000000000	4.714589e-01	1.224085e+01	1.242392e+01
##	SAMPLE	115	1.357559e+01	0.140880845	1.538677e+01	0.000000e+00	7.434458e-01
##	SAMPLE	116	1.209153e+01	0.001858754	1.634008e-01	1.051025e-03	5.807226e-03
##	SAMPLE	117	1.275728e+01	0.508419075	1.316621e+01	1.328812e+01	2.136137e-02
##	SAMPLE	118	1.250182e-01	0.249525877	1.334565e+01	0.000000e+00	0.000000e+00
##	SAMPLE	119	9.466864e-01	0.169903850	1.437489e+01	0.000000e+00	1.308674e+01
##	SAMPLE	120	1.428643e-01	13.310100528	4.126028e-03	0.000000e+00	0.000000e+00
##	SAMPLE	121	1.295342e+01	0.030360051	1.762999e-02	4.901764e-01	0.000000e+00
##			OTU 321	OTU 324	OTU 326	OTU 328	OTU 330
##	SAMPLE	1	1.247551e+01	0.0065428829	8.538394e-02	12.604442099	0.53640251
##	SAMPLE	2	1.018602e-01	0.0000000000	0.000000e+00	0.301569231	12.40959408
##	SAMPLE	3	3.063313e-01	0.0000000000	4.101495e-02	11.713010039	13.15155980
##	SAMPLE	4	1.697140e-01	0.0000000000	6.219819e-02	12.527052044	13.68398395
##	SAMPLE	5	2.406464e-01	0.0000000000	1.259912e-01	12.853415364	12.29858737
##	SAMPLE	6	1.206246e-02	0.0000000000	4.756957e-01	0.167352124	12.66296453
##	SAMPLE	7	4.418652e-02	0.0000000000	1.969569e-01	12.602155543	12.67119523
##	SAMPLE	8	5.911385e-03	0.0000000000	7.622080e-01	13.055245168	13.10039815
##	SAMPLE	9	1.598893e-02	0.0000000000	5.146487e-01	0.366654462	12.51477527
##	SAMPLE	10	1.517582e-01	0.0000000000	1.372864e-01	0.397979930	0.50158185
##	SAMPLE	11	9.256367e-02	0.0000000000	0.000000e+00	11.520820464	12.22235756
##	SAMPLE	12	2.527672e-03	0.0000000000	1.071828e-03	0.627804699	13.10852855
##	SAMPLE	13	3.346834e-02	0.1044002664	6.046489e-01	13.133893693	12.23843566
##	SAMPLE	14	2.631253e-03	0.0000000000	3.705769e-02	0.140423132	11.79979731
##	SAMPLE	15	0.000000e+00	0.8007705136	0.000000e+00	0.500904674	13.30159031
##	SAMPLE	16	2.371391e-01	0.0886794017	0.000000e+00	7.226606771	0.55080415
##	SAMPLE	17	2.460880e-01	0.0000000000	1.169307e+01	0.172461480	12.48311734
##	SAMPLE	18	0.000000e+00	0.0000000000	4.315553e-01	0.286006471	0.89426454
##	SAMPLE	19	0.000000e+00	0.0000000000	1.372235e+01	0.000000000	13.28481042
##	SAMPLE	20	2.132547e-02	0.0000000000	0.000000e+00	11.458431547	13.49977105
##	SAMPLE	21	1.257467e-01	0.0000000000	0.000000e+00	11.842564677	12.11028260
##	SAMPLE	22	1.390428e-02	0.0000000000	0.000000e+00	0.720991641	0.29013141
##	SAMPLE	23	1.361569e-01	0.0111231527	1.512128e-01	0.336258459	13.19202069
##	SAMPLE	24	5.680618e-01	0.2765111232	6.026093e-01	13.390742482	0.34434259
##	SAMPLE	25	1.012299e-01	0.0103237711	5.681463e-03	0.704831182	12.24272173
##	SAMPLE	26	3.103610e-02	0.0000000000	0.000000e+00	12.605418756	12.29389346
##	SAMPLE	27	2.265844e-02	0.2569468075	1.227068e+01	13.580127945	0.91569245
##	SAMPLE	28	4.593630e-01	0.0000000000	5.935593e-03	11.656499766	0.67935809
##	SAMPLE	29	1.321166e-01	0.0014848535	5.791034e-04	12.187535635	11.31469927
##	SAMPLE	30	0.000000e+00	0.0000000000	0.000000e+00	0.001876856	0.19398916
##	SAMPLE	31	0.000000e+00	0.0000000000	1.273642e+01	0.000000000	12.51430131
##	SAMPLE	32	6.656559e-02	0.0000000000	1.515382e-01	0.231533996	12.00960132
##	SAMPLE	33	0.000000e+00	0.0000000000	0.000000e+00	0.291292033	0.34325704
##	SAMPLE	34	0.000000e+00	0.0000000000	1.092215e+01	0.632361915	13.08383335
##	SAMPLE	35	5.523590e-02	0.3299623588	1.233731e+01	0.833555919	13.91638127
##	SAMPLE	36	5.175442e-02	0.0000000000	4.826541e-02	0.860956257	0.81223098
##	SAMPLE	37	1.738748e-02	0.0000000000	0.000000e+00	0.468621056	11.81237873
##	SAMPLE	38	1.067518e-02	0.0000000000	6.237748e-03	11.161268221	0.70024243
##	SAMPLE	39	5.059246e-02	0.0000000000	0.000000e+00	0.645132979	12.74001515
##	SAMPLE	40	0.000000e+00	0.0000000000	2.184204e-01	0.107405339	13.05109533
##	SAMPLE	41	9.530450e-02	0.0000000000	0.000000e+00	12.265545607	0.70980780
##	SAMPLE	42	5.450641e-02	0.0000000000	1.116719e-02	12.474576198	12.44166399

##	SAMPLE	43	1.236114e+01	0.0168637235	1.118048e+01	12.435278558	13.31222385
##	SAMPLE	44	1.356720e-02	0.0000000000	3.330394e-01	0.045494617	12.54946851
##	SAMPLE	45	1.934378e-01	0.0000000000	2.406425e-02	0.495937269	0.73490692
##	SAMPLE	46	6.087543e-01	0.0000000000	0.000000e+00	11.345049568	12.92289027
##	SAMPLE	47	0.000000e+00	0.0000000000	1.220373e+01	0.156433412	13.76420047
##	SAMPLE	48	0.000000e+00	0.1249812910	1.242176e+01	0.166041533	0.55886945
##	SAMPLE	49	1.297785e-02	0.0000000000	0.000000e+00	0.340855921	12.18230473
##	SAMPLE	50	7.278725e-02	0.0000000000	6.527321e-01	11.124228737	13.50365629
##	SAMPLE	51	2.325315e-01	0.0000000000	0.000000e+00	12.297227949	1.40237938
##	SAMPLE	52	1.819734e-01	0.0426250771	1.310820e-01	1.055691415	12.41755330
##	SAMPLE	53	2.041476e-01	0.0000000000	3.456676e-01	13.115203524	12.12869987
##	SAMPLE	54	6.970891e-02	0.0240797264	1.187439e+01	12.441579570	13.51551580
##	SAMPLE	55	4.437822e-01	0.0000000000	7.346763e-02	0.554400041	12.71091937
##	SAMPLE	56	7.004470e-02	0.0000000000	1.240927e+01	0.358618320	0.44606775
##	SAMPLE	57	5.806426e-02	0.0000000000	6.240050e-01	0.330371764	0.00000000
##	SAMPLE	58	1.185305e+01	0.0000000000	0.000000e+00	0.554362507	11.82111111
##	SAMPLE	59	1.246828e+01	0.1712261410	2.026275e-02	14.054792512	0.75503926
##	SAMPLE	60	4.046776e-03	0.0000000000	1.256349e+01	0.426409700	14.41997813
##	SAMPLE	61	8.005042e-02	0.0000000000	5.439496e-01	0.877655963	12.54577906
##	SAMPLE	62	1.224479e+01	0.0000000000	0.000000e+00	11.814529036	12.35661608
##	SAMPLE	63	2.197452e-01	0.0000000000	1.921928e-01	11.057836247	11.86122929
##	SAMPLE	64	3.321648e-02	0.0000000000	1.354069e+01	12.364428707	13.01712098
##	SAMPLE	65	6.612106e-04	0.0000000000	1.238032e+01	13.971639210	14.58442256
##	SAMPLE	66	3.042172e-02	0.0000000000	7.882808e-02	0.579388026	13.71621085
##	SAMPLE	67	3.178723e-02	0.0000000000	0.000000e+00	0.664693292	0.86351853
##	SAMPLE	68	2.722966e-02	0.2274532123	0.000000e+00	0.541695856	12.76587633
##	SAMPLE	69	4.720042e-02	0.0000000000	2.309801e-01	0.771620203	12.62601609
##	SAMPLE	70	1.217440e+01	0.0000000000	0.000000e+00	0.764841541	13.12986142
##	SAMPLE	71	2.997312e-01	0.1105429422	4.669826e-01	0.466999633	13.12548548
##	SAMPLE	72	2.971117e-02	0.0020450787	0.000000e+00	11.620358081	13.04176215
##	SAMPLE	73	7.001408e-01	0.0000000000	1.570338e-02	12.387975664	13.70746937
##	SAMPLE	74	8.163644e-02	0.0000000000	3.174641e-01	0.660931786	13.02424060
##	SAMPLE	75	0.000000e+00	0.0000000000	6.324576e-02	0.285578595	13.07730322
##	SAMPLE	76	1.115405e+01	0.0641214116	1.870626e-02	13.518688273	13.28801893
##	SAMPLE	77	0.000000e+00	0.0000000000	1.423690e+01	0.326399974	0.71968531
##	SAMPLE	78	5.964114e-02	0.0000000000	3.795700e-03	0.788677211	12.13023304
##	SAMPLE	79	3.084821e-01	0.0003042544	0.000000e+00	0.854439899	12.39251304
##	SAMPLE	80	1.850227e-01	0.0333734788	1.945341e-01	0.641295736	13.09570984
##	SAMPLE	81	2.418788e-02	0.0000000000	2.185641e-02	0.411330933	12.08162515
##	SAMPLE	82	9.835967e-02	0.0000000000	0.000000e+00	12.418732963	13.18784826
##	SAMPLE	83	4.536521e-01	0.0216719346	1.186707e+01	0.816565507	0.26796971
##	SAMPLE	84	1.209499e-01	0.0000000000	1.667597e-01	12.315977047	9.79133112
##	SAMPLE	85	0.000000e+00	0.0000000000	1.298180e+01	12.942516776	14.45127384
##	SAMPLE	86	2.185510e-01	0.0133825570	0.000000e+00	0.622746740	0.88136635
##	SAMPLE	87	9.212827e-03	0.0000000000	8.849523e-02	0.303263394	13.34526300
##	SAMPLE	88	2.131180e-01	0.0000000000	0.000000e+00	0.783485234	11.99477575
##	SAMPLE	89	0.000000e+00	0.0000000000	0.000000e+00	0.026629320	0.03357414
##	SAMPLE	90	1.050620e-01	0.0000000000	0.000000e+00	0.735505061	12.32803909
##	SAMPLE	91	8.212007e-02	0.0000000000	0.000000e+00	0.619574524	10.70721571
##	SAMPLE	92	6.817986e-02	0.0028659527	7.014709e-02	0.619006568	1.18024885
##	SAMPLE	93	1.020827e-01	0.0000000000	4.343508e-03	12.347227390	12.65168559
##	SAMPLE	94	8.644247e-02	0.0000000000	2.677255e-01	0.760043947	12.46106357
##	SAMPLE	95	9.938628e-01	0.2182356945	5.119400e-02	0.138124245	13.51321868
##	SAMPLE	96	0.000000e+00	0.0000000000	2.850402e-01	0.670195457	13.49030933
##	SAMPLE	97	0.000000e+00	0.0000000000	0.000000e+00	11.933440920	11.73893060
##	SAMPLE	98	3.056270e-01	0.0104587688	6.665798e-01	0.050865604	12.82164026

##	SAMPLE	99	7.358284e-02	0.0000000000	1.231719e+01	13.357400411	12.05625608
##	SAMPLE	100	2.532243e-02	0.0000000000	0.000000e+00	12.684359720	0.48368737
##	SAMPLE	101	2.241287e-01	0.0000000000	2.039879e-03	11.546213719	12.76425794
##	SAMPLE	102	6.829581e-02	0.0000000000	0.000000e+00	0.483203701	0.38975707
##	SAMPLE	103	1.557933e-01	0.1551930891	1.176856e-02	12.344832781	12.95192615
##	SAMPLE	104	1.329130e-02	0.0000000000	7.351449e-03	0.543979928	1.03071012
##	SAMPLE	105	1.309555e-02	0.0000000000	2.445438e-03	0.072814714	0.38377904
##	SAMPLE	106	0.000000e+00	0.0000000000	5.102183e-01	0.558696068	12.55757130
##	SAMPLE	107	0.000000e+00	0.0000000000	0.000000e+00	11.616037070	10.49029761
##	SAMPLE	108	0.000000e+00	0.0000000000	0.000000e+00	11.654244215	13.65139188
##	SAMPLE	109	0.000000e+00	0.0000000000	0.000000e+00	0.000000000	0.12647495
##	SAMPLE	110	3.319835e-03	0.0000000000	6.553715e-01	0.112263220	13.88605625
##	SAMPLE	111	3.927604e-01	0.0000000000	0.000000e+00	0.905867303	12.22688856
##	SAMPLE	112	2.101660e-02	0.0000000000	0.000000e+00	0.704662897	12.92077920
##	SAMPLE	113	0.000000e+00	0.0000000000	1.310838e+01	0.413048953	13.38489915
##	SAMPLE	114	2.430623e-01	0.0000000000	0.000000e+00	11.899702519	0.49314158
##	SAMPLE	115	1.992045e-01	0.0000000000	1.122011e-02	12.054859748	0.55952021
##	SAMPLE	116	5.847383e-02	0.0089158755	0.000000e+00	11.319570085	13.22057541
##	SAMPLE	117	6.556395e-02	0.0000000000	0.000000e+00	11.807637843	12.53907619
##	SAMPLE	118	0.000000e+00	0.0000000000	0.000000e+00	0.236363831	12.17304351
##	SAMPLE	119	1.216870e+01	0.0000000000	0.000000e+00	10.255472657	12.52825121
##	SAMPLE	120	4.083401e-02	0.0000000000	1.307677e+01	13.481878250	12.58067272
##	SAMPLE	121	2.774022e-01	0.0000000000	0.000000e+00	12.227232377	12.31124218
##			OTU 333	OTU 337	OTU 339	OTU 343	OTU 346
##	SAMPLE	1	0.000000e+00	6.423563e-01	1.371633e+01	0.0000000	0.241696430
##	SAMPLE	2	0.000000e+00	1.919176e-01	1.191420e+01	0.0000000	0.105938591
##	SAMPLE	3	0.000000e+00	2.619835e-01	7.074156e-01	0.0000000	12.231484501
##	SAMPLE	4	5.101563e-01	7.259571e-01	1.281945e+01	0.0000000	11.818235908
##	SAMPLE	5	0.000000e+00	5.799995e-01	6.886067e-01	0.6286505	0.814070037
##	SAMPLE	6	8.162152e-02	0.000000e+00	0.000000e+00	0.0000000	0.000000000
##	SAMPLE	7	0.000000e+00	2.932516e-01	1.308200e+01	0.0000000	0.425733055
##	SAMPLE	8	2.308689e-02	8.037680e-01	0.000000e+00	0.0000000	11.849416124
##	SAMPLE	9	6.095708e-02	4.555261e-02	0.000000e+00	0.0000000	0.159219964
##	SAMPLE	10	0.000000e+00	4.396252e-01	1.173067e+01	0.0000000	0.448327326
##	SAMPLE	11	1.299729e+01	4.487891e-01	1.205647e+01	0.0000000	0.707523908
##	SAMPLE	12	4.538234e-02	2.526610e-01	7.147293e-01	0.3046407	0.290593206
##	SAMPLE	13	9.035835e-03	2.178037e-01	1.267105e+01	0.0000000	0.003968854
##	SAMPLE	14	0.000000e+00	9.682763e-02	5.603483e-01	0.0000000	0.130942633
##	SAMPLE	15	0.000000e+00	3.925023e-01	1.115794e+00	0.0000000	0.365263930
##	SAMPLE	16	0.000000e+00	5.403524e-01	0.000000e+00	0.0000000	0.164311795
##	SAMPLE	17	2.072249e-03	0.000000e+00	1.812038e-03	0.0000000	0.000000000
##	SAMPLE	18	0.000000e+00	2.579609e-02	3.767103e-01	0.9816097	0.150738584
##	SAMPLE	19	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000	0.000000000
##	SAMPLE	20	3.033814e-02	1.063221e-01	1.183480e+01	0.4150213	11.923351853
##	SAMPLE	21	0.000000e+00	5.387858e-01	6.273179e-01	0.0000000	0.334189827
##	SAMPLE	22	0.000000e+00	8.873534e-02	2.070542e-01	0.0000000	12.232172369
##	SAMPLE	23	0.000000e+00	1.672201e-01	2.895030e-01	0.0000000	0.700543755
##	SAMPLE	24	0.000000e+00	7.735452e-01	0.000000e+00	0.0000000	0.000000000
##	SAMPLE	25	0.000000e+00	5.456715e-01	9.431332e-01	9.7272746	0.795419048
##	SAMPLE	26	1.339386e+01	4.954353e-01	1.985551e-01	0.6694232	0.572900855
##	SAMPLE	27	0.000000e+00	0.000000e+00	1.215576e+01	0.0000000	12.447872860
##	SAMPLE	28	7.026287e-02	9.583067e-01	1.285814e+01	0.4235609	12.516962642
##	SAMPLE	29	0.000000e+00	4.372749e-01	5.536209e-01	0.0000000	11.266923322
##	SAMPLE	30	0.000000e+00	5.026025e-04	0.000000e+00	0.0000000	0.000000000
##	SAMPLE	31	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000	0.000000000
##	SAMPLE	32	5.276336e-02	2.940839e-01	5.312998e-01	0.0000000	0.204465871

##	SAMPLE	33	8.421408e-02	7.105182e-02	4.428045e-01	0.0000000	0.373717732
##	SAMPLE	34	0.000000e+00	0.000000e+00	5.293228e-01	0.0000000	12.553220693
##	SAMPLE	35	0.000000e+00	2.013392e-02	1.409950e+01	0.2619534	0.652429805
##	SAMPLE	36	1.334148e+01	6.160819e-01	1.254322e+01	0.0000000	0.609973881
##	SAMPLE	37	9.666588e+00	7.578241e-02	1.193795e+01	0.0000000	0.239360568
##	SAMPLE	38	1.437060e+01	6.317144e-01	1.238168e+01	12.7123430	0.252366385
##	SAMPLE	39	0.000000e+00	3.376466e-01	5.694421e-02	12.6599397	0.205561416
##	SAMPLE	40	9.938243e-03	0.000000e+00	1.703576e-01	0.0000000	0.376457461
##	SAMPLE	41	1.515622e+01	5.567054e-01	7.242166e-01	0.4807041	0.447670903
##	SAMPLE	42	1.311334e+01	5.349592e-01	9.538990e-01	0.0000000	0.848184671
##	SAMPLE	43	0.000000e+00	3.997766e-02	5.230928e-01	0.0000000	0.706817448
##	SAMPLE	44	1.010501e-02	1.225783e-01	8.679563e-02	12.5047776	0.190860290
##	SAMPLE	45	0.000000e+00	2.411747e-01	8.689763e-01	0.0000000	0.201126450
##	SAMPLE	46	1.472229e+01	1.478283e-01	1.259126e+01	0.3420165	0.816555660
##	SAMPLE	47	0.000000e+00	3.291027e-01	7.446210e-01	0.0000000	0.235232751
##	SAMPLE	48	0.000000e+00	0.000000e+00	1.341944e+01	0.0000000	0.000000000
##	SAMPLE	49	0.000000e+00	1.440883e-01	1.027845e-01	0.0000000	0.010284679
##	SAMPLE	50	0.000000e+00	9.996128e-02	1.216175e+01	0.0000000	0.771888405
##	SAMPLE	51	1.532124e+01	1.625020e-01	8.052183e-01	0.0000000	0.537460087
##	SAMPLE	52	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000	1.151790167
##	SAMPLE	53	0.000000e+00	5.214753e-01	0.000000e+00	0.0000000	12.391455265
##	SAMPLE	54	8.517710e-03	7.005053e-01	1.225480e+01	0.0000000	12.232054568
##	SAMPLE	55	1.335041e+01	3.522287e-01	1.216169e+01	14.5221919	11.971660476
##	SAMPLE	56	0.000000e+00	8.071691e-03	2.344581e-01	12.1619531	0.052695705
##	SAMPLE	57	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000	0.242192746
##	SAMPLE	58	3.061836e-03	0.000000e+00	7.108430e-01	12.9878089	0.355046792
##	SAMPLE	59	0.000000e+00	4.804657e-01	1.254010e+01	0.0000000	13.378388953
##	SAMPLE	60	2.821314e-02	4.808592e-01	1.355641e+01	0.0000000	0.099999653
##	SAMPLE	61	1.232769e+01	4.868699e-01	1.263244e+01	0.0000000	11.967928601
##	SAMPLE	62	0.000000e+00	4.674756e-01	1.244112e+01	0.7842156	12.026167196
##	SAMPLE	63	0.000000e+00	0.000000e+00	1.217460e+01	0.0000000	11.907228984
##	SAMPLE	64	0.000000e+00	0.000000e+00	1.130932e+01	0.0000000	0.000000000
##	SAMPLE	65	0.000000e+00	3.301921e-01	8.852187e+00	0.0000000	13.455186561
##	SAMPLE	66	0.000000e+00	0.000000e+00	7.875301e-01	0.0000000	12.438271183
##	SAMPLE	67	1.277297e+01	2.495441e-01	6.185905e-01	0.0000000	0.408895323
##	SAMPLE	68	2.148245e-01	6.380759e-01	6.707468e-04	0.0000000	0.000000000
##	SAMPLE	69	6.709460e-03	1.211000e+01	7.197802e-01	12.9101829	0.674669723
##	SAMPLE	70	0.000000e+00	5.640109e-01	1.173693e+01	0.0000000	0.122029994
##	SAMPLE	71	0.000000e+00	4.985594e-01	1.267019e+01	0.0000000	0.787087771
##	SAMPLE	72	0.000000e+00	3.279674e-01	1.211833e+01	0.0000000	0.848445299
##	SAMPLE	73	2.513058e-03	9.313641e-01	1.242822e+01	0.0000000	0.695099869
##	SAMPLE	74	1.076205e-02	4.520785e-01	6.821461e-01	14.0040918	12.065440629
##	SAMPLE	75	0.000000e+00	2.676279e-01	3.593832e-01	0.0000000	0.709839364
##	SAMPLE	76	0.000000e+00	1.033831e+01	8.210504e+00	1.0178294	12.656085417
##	SAMPLE	77	0.000000e+00	1.575118e-01	0.000000e+00	0.0000000	0.213367973
##	SAMPLE	78	6.772223e-02	4.487389e-01	1.211277e+01	0.0000000	12.160655286
##	SAMPLE	79	3.774499e-02	3.278818e-01	1.199205e+01	0.0000000	12.087728383
##	SAMPLE	80	0.000000e+00	2.406328e-01	6.287190e-01	0.0000000	11.930131713
##	SAMPLE	81	1.491229e+01	2.051789e-01	5.381040e-01	0.0000000	0.406614258
##	SAMPLE	82	0.000000e+00	3.191368e-01	1.185722e+01	14.0971881	0.789719698
##	SAMPLE	83	1.256943e+01	0.000000e+00	7.633995e-01	0.0000000	0.000000000
##	SAMPLE	84	0.000000e+00	2.885129e-01	1.182030e+01	10.2073142	0.303526424
##	SAMPLE	85	0.000000e+00	5.226268e-01	1.196857e+01	0.0000000	10.455596012
##	SAMPLE	86	0.000000e+00	5.526697e-01	1.312595e+01	0.9736462	0.766459233
##	SAMPLE	87	0.000000e+00	6.615076e-02	2.978587e-01	0.0000000	0.105105743
##	SAMPLE	88	3.600402e-03	5.250694e-01	1.238558e+01	13.4237985	0.567661488

##	SAMPLE	89	0.000000e+00	0.000000e+00	4.820305e-02	0.0000000	0.004026981
##	SAMPLE	90	1.387352e+01	5.744581e-01	1.185228e+01	0.2963258	0.850502135
##	SAMPLE	91	5.044542e-03	3.210724e-01	5.704683e-01	0.6139247	13.468375152
##	SAMPLE	92	3.307494e-02	5.052329e-01	1.278724e+01	14.0322535	1.041302275
##	SAMPLE	93	1.226109e-04	2.762353e-01	1.059808e+01	0.0000000	0.722848619
##	SAMPLE	94	8.601324e-01	3.069120e-01	1.304325e+01	13.2303557	11.869042375
##	SAMPLE	95	0.000000e+00	0.000000e+00	1.361449e+01	0.0000000	12.497426544
##	SAMPLE	96	0.000000e+00	4.900425e-01	5.849072e-01	0.0000000	0.531662793
##	SAMPLE	97	0.000000e+00	1.239753e-01	7.505373e-01	12.5916760	0.407288239
##	SAMPLE	98	0.000000e+00	2.005607e-01	0.000000e+00	0.0000000	0.530439701
##	SAMPLE	99	1.623884e-03	0.000000e+00	1.200413e+01	0.0000000	0.559299814
##	SAMPLE	100	0.000000e+00	5.756762e-02	4.660012e-01	0.0000000	0.008516301
##	SAMPLE	101	0.000000e+00	1.922897e-01	5.509528e-01	0.0000000	0.623071446
##	SAMPLE	102	1.538014e+01	4.202191e-02	5.760116e-01	0.0000000	0.204926097
##	SAMPLE	103	0.000000e+00	1.782694e-01	1.224209e+01	0.0000000	11.880835552
##	SAMPLE	104	1.358454e+01	3.991517e-01	1.073989e+00	14.7607540	0.383993813
##	SAMPLE	105	0.000000e+00	1.073130e-01	4.397142e-01	0.0000000	0.106788581
##	SAMPLE	106	0.000000e+00	1.993964e-01	1.217795e+01	0.0000000	11.787746803
##	SAMPLE	107	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000	0.000000000
##	SAMPLE	108	0.000000e+00	3.866927e-01	4.356298e-01	0.0000000	0.640161085
##	SAMPLE	109	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000	0.000000000
##	SAMPLE	110	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000	0.039011406
##	SAMPLE	111	1.037635e+01	2.780531e-01	1.300571e+01	0.0000000	0.781658663
##	SAMPLE	112	0.000000e+00	1.851223e-01	3.213861e-01	0.0000000	0.263514640
##	SAMPLE	113	0.000000e+00	0.000000e+00	1.120778e+01	0.0000000	0.000000000
##	SAMPLE	114	0.000000e+00	3.102680e-01	1.279013e+01	12.8249272	0.727834877
##	SAMPLE	115	0.000000e+00	3.244263e-01	0.000000e+00	0.0000000	0.644661612
##	SAMPLE	116	0.000000e+00	0.000000e+00	1.321858e+01	0.0000000	0.614890924
##	SAMPLE	117	1.452588e+01	1.796083e-01	1.214399e+01	14.1006500	0.596983961
##	SAMPLE	118	0.000000e+00	8.134209e-02	1.171659e+01	0.0000000	0.510963157
##	SAMPLE	119	0.000000e+00	2.938447e-01	1.254863e+01	13.2846940	12.148173428
##	SAMPLE	120	0.000000e+00	4.116488e-01	1.323486e+01	13.8574938	0.000000000
##	SAMPLE	121	3.724819e-04	4.835590e-01	1.212400e+01	12.8164682	0.457053531
##			OTU 348	OTU 352	OTU 354	OTU 356	OTU 358
##	SAMPLE	1	0.526049178	0.014062600	0.000000e+00	0.040047239	0.019248243
##	SAMPLE	2	0.095265419	0.000000000	2.269965e-02	0.000000000	0.291136214
##	SAMPLE	3	12.576588972	0.227899048	1.480570e-02	0.185589047	0.028203370
##	SAMPLE	4	12.572596630	0.390352918	0.000000e+00	0.483730281	0.191552187
##	SAMPLE	5	12.322181233	0.816905507	0.000000e+00	0.017752339	0.004909791
##	SAMPLE	6	0.189296922	0.583451712	0.000000e+00	0.082307592	0.000000000
##	SAMPLE	7	0.377015210	0.309059925	4.618084e-02	0.034198639	0.009465274
##	SAMPLE	8	0.000000000	0.000000000	3.032036e-01	0.130930365	0.006243743
##	SAMPLE	9	0.629861434	12.098655762	0.000000e+00	0.126989753	0.000000000
##	SAMPLE	10	11.998766196	0.045536393	0.000000e+00	0.000000000	0.099653757
##	SAMPLE	11	12.099724289	15.064286631	0.000000e+00	0.089648042	0.008046498
##	SAMPLE	12	0.276692569	0.000000000	0.000000e+00	0.000000000	0.046543130
##	SAMPLE	13	13.119762145	0.353959746	1.636623e-02	0.189973770	0.012561132
##	SAMPLE	14	0.030120486	0.000000000	0.000000e+00	0.019830489	0.522688019
##	SAMPLE	15	0.497016824	0.000000000	0.000000e+00	0.000000000	0.036637348
##	SAMPLE	16	12.320994774	12.069382867	0.000000e+00	0.003336606	0.049136388
##	SAMPLE	17	0.004377246	12.176198715	3.455865e-02	0.000000000	0.000000000
##	SAMPLE	18	0.215506486	0.219278827	2.714222e-02	0.000000000	0.116968051
##	SAMPLE	19	0.000000000	0.000000000	0.000000e+00	13.909480827	0.000000000
##	SAMPLE	20	12.995173139	0.000000000	0.000000e+00	0.000000000	0.529787588
##	SAMPLE	21	0.110226283	0.084079517	3.371279e-02	0.344827159	0.006143475
##	SAMPLE	22	0.678635430	0.000000000	0.000000e+00	0.000000000	0.685537478

##	SAMPLE	23	0.209857517	0.000000000	6.683370e-02	0.000000000	0.377520776
##	SAMPLE	24	0.308413981	0.144216029	0.000000e+00	0.000000000	0.221029157
##	SAMPLE	25	13.401608949	0.430808048	0.000000e+00	0.000000000	0.090593363
##	SAMPLE	26	0.753148481	0.134554458	0.000000e+00	0.000000000	0.024165596
##	SAMPLE	27	11.773304551	0.864768995	2.590710e-01	0.188652237	0.890914112
##	SAMPLE	28	14.208326894	0.000000000	0.000000e+00	0.000000000	0.097276156
##	SAMPLE	29	8.359953282	0.181260816	0.000000e+00	0.381144014	0.001396830
##	SAMPLE	30	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	31	0.000000000	0.000000000	3.027551e-01	0.043363559	0.000000000
##	SAMPLE	32	0.573955338	0.000000000	0.000000e+00	0.009072406	0.633361792
##	SAMPLE	33	0.435610004	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	34	12.902568136	0.000000000	1.881691e-01	0.000000000	0.921211158
##	SAMPLE	35	0.320510669	12.929327344	3.537872e-01	0.429930099	0.000000000
##	SAMPLE	36	13.436122281	0.723945601	0.000000e+00	0.020495836	12.839069197
##	SAMPLE	37	11.977399325	0.089046189	0.000000e+00	0.007854759	0.001599090
##	SAMPLE	38	10.420000537	0.041527090	0.000000e+00	0.137925531	0.307603138
##	SAMPLE	39	0.681594969	0.064378770	0.000000e+00	0.000000000	0.586155463
##	SAMPLE	40	0.227016868	0.000000000	8.725596e-02	0.000000000	0.203485138
##	SAMPLE	41	12.201831076	0.000000000	0.000000e+00	0.000000000	0.139822081
##	SAMPLE	42	0.452816002	0.045752259	0.000000e+00	0.001700035	12.265933459
##	SAMPLE	43	0.375288200	0.800990884	0.000000e+00	11.901110589	0.000000000
##	SAMPLE	44	0.486190853	0.000000000	0.000000e+00	0.074826996	0.002073043
##	SAMPLE	45	0.863464912	0.090516942	9.217243e-03	0.000000000	0.023784477
##	SAMPLE	46	0.300943976	0.000000000	0.000000e+00	0.000000000	0.294278928
##	SAMPLE	47	0.258838950	0.540510198	0.000000e+00	0.000000000	0.102736239
##	SAMPLE	48	0.000000000	0.011224844	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	49	0.522559512	0.708526670	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	50	0.441697619	0.000000000	0.000000e+00	0.003179454	0.464117554
##	SAMPLE	51	0.762526492	14.056281114	0.000000e+00	0.000000000	0.384019073
##	SAMPLE	52	0.584145384	0.421269028	1.326768e+01	0.337129347	1.185292127
##	SAMPLE	53	0.543742333	12.357115348	1.169961e-01	0.080374907	0.223383742
##	SAMPLE	54	9.747998529	0.000000000	1.385769e-02	0.008399245	0.482937443
##	SAMPLE	55	12.174747109	0.000000000	0.000000e+00	0.000000000	0.287036448
##	SAMPLE	56	0.329400354	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	57	0.171759434	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	58	12.346167205	0.000000000	0.000000e+00	0.000000000	0.060083638
##	SAMPLE	59	13.403447378	0.112230160	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	60	13.580746205	0.104037901	6.254273e-01	0.000000000	0.025763758
##	SAMPLE	61	12.832202413	0.129312655	0.000000e+00	0.000000000	0.767807295
##	SAMPLE	62	11.925052212	0.000000000	0.000000e+00	0.000000000	0.074571764
##	SAMPLE	63	0.579847748	0.005429645	2.493527e-02	0.260461522	0.000000000
##	SAMPLE	64	0.000000000	0.000000000	0.000000e+00	13.009929263	0.228272178
##	SAMPLE	65	0.834558207	0.000000000	4.780216e-01	12.754461386	0.021268659
##	SAMPLE	66	12.530918875	0.505497364	2.274189e-01	0.011390721	0.001926354
##	SAMPLE	67	0.524530610	0.000000000	0.000000e+00	0.000000000	0.112090836
##	SAMPLE	68	0.011700131	0.000000000	9.192669e-02	0.000000000	0.025255814
##	SAMPLE	69	13.044789488	0.313901167	0.000000e+00	0.001234346	0.040758063
##	SAMPLE	70	12.883594076	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	71	13.059877460	12.248403568	2.636897e-03	0.576766261	0.022075250
##	SAMPLE	72	12.957827905	0.232347386	0.000000e+00	0.031381798	0.053813472
##	SAMPLE	73	0.480823354	0.184164781	0.000000e+00	0.004277729	0.582137257
##	SAMPLE	74	0.630793770	0.427116792	0.000000e+00	0.279469922	0.252193523
##	SAMPLE	75	0.210764460	0.553263646	0.000000e+00	0.000000000	0.208461099
##	SAMPLE	76	13.252726819	14.413636400	0.000000e+00	0.412464433	0.619325434
##	SAMPLE	77	0.563986125	0.000000000	0.000000e+00	0.031947535	0.337936647
##	SAMPLE	78	13.248645424	0.045396561	0.000000e+00	0.000000000	0.228822696

##	SAMPLE	79	12.483247861	0.562357208	0.000000e+00	0.000000000	0.097374140
##	SAMPLE	80	0.676074911	0.129521909	8.888512e-02	0.135872780	0.224214450
##	SAMPLE	81	0.418773733	0.739194907	1.466105e-03	0.000000000	0.302015819
##	SAMPLE	82	12.598461473	12.330148098	5.560488e-03	0.017719815	0.177782705
##	SAMPLE	83	0.847099485	0.023386091	0.000000e+00	0.585852025	0.044063026
##	SAMPLE	84	0.280591188	0.000000000	0.000000e+00	0.000000000	0.018680584
##	SAMPLE	85	13.122921500	0.000000000	0.000000e+00	12.386843081	0.034070637
##	SAMPLE	86	13.776781340	12.093034938	1.776568e-02	0.018404312	0.006316090
##	SAMPLE	87	0.394075192	0.032477350	1.287186e-02	0.013904318	0.558090451
##	SAMPLE	88	12.817739055	12.671987248	0.000000e+00	0.206226344	0.174596680
##	SAMPLE	89	0.044326816	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	90	12.702385621	12.111249575	0.000000e+00	0.000000000	0.133065822
##	SAMPLE	91	13.111975434	0.166661496	0.000000e+00	0.613231037	0.036594386
##	SAMPLE	92	12.839300497	1.111583605	0.000000e+00	0.035038812	0.013822565
##	SAMPLE	93	13.550445279	0.075423672	4.575446e-03	0.033199598	0.001249927
##	SAMPLE	94	13.293456321	0.000000000	9.809632e-03	0.007236555	0.071134170
##	SAMPLE	95	0.000000000	11.037635577	1.767935e-02	0.010623939	0.010687343
##	SAMPLE	96	0.550821888	0.000000000	0.000000e+00	0.275953212	0.869438790
##	SAMPLE	97	11.830890901	0.000000000	0.000000e+00	0.000000000	0.036471847
##	SAMPLE	98	12.492237875	9.963773213	7.849925e-04	0.204246342	0.013585594
##	SAMPLE	99	0.000000000	12.604272311	2.565027e-01	0.027528120	0.000000000
##	SAMPLE	100	0.152886323	12.429498095	0.000000e+00	0.000000000	0.001919143
##	SAMPLE	101	0.440176849	14.526552664	0.000000e+00	0.009912642	0.176911900
##	SAMPLE	102	0.321776747	0.033015354	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	103	13.380565161	14.673958152	0.000000e+00	0.000000000	0.061743618
##	SAMPLE	104	0.722876529	0.049421601	8.412186e-02	0.000000000	0.158876595
##	SAMPLE	105	0.136831890	0.000000000	0.000000e+00	0.000000000	0.052018962
##	SAMPLE	106	12.686530850	0.000000000	0.000000e+00	0.114084626	0.143621982
##	SAMPLE	107	0.000000000	0.000000000	0.000000e+00	0.000000000	0.122128295
##	SAMPLE	108	0.871280233	0.000000000	0.000000e+00	0.015705607	0.897695279
##	SAMPLE	109	0.027759255	0.014245074	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	110	0.000000000	0.000000000	0.000000e+00	0.984600792	0.000000000
##	SAMPLE	111	13.228560107	0.000000000	0.000000e+00	0.002013281	0.152835449
##	SAMPLE	112	0.253752972	0.089714746	1.621797e-02	0.000000000	0.000000000
##	SAMPLE	113	0.000000000	0.000000000	2.167420e-03	0.000000000	0.004585074
##	SAMPLE	114	8.087481870	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	115	12.062655591	0.000000000	5.468380e-02	0.003229160	0.000000000
##	SAMPLE	116	0.015275058	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	117	12.149684022	12.167698723	0.000000e+00	0.099945875	0.071166396
##	SAMPLE	118	0.311879164	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	119	0.563008861	0.226762412	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	120	11.593384771	0.000000000	1.107221e+01	0.842171592	0.105294798
##	SAMPLE	121	12.450757743	0.010603360	0.000000e+00	0.000000000	0.039562692
##			OTU 360	OTU 364	OTU 366	OTU 373	OTU 375
##	SAMPLE	1	1.074586e-02	12.161556782	0.0274276492	12.102401940	0.000000000
##	SAMPLE	2	0.000000e+00	0.113060952	0.0000000000	0.000000000	13.442019561
##	SAMPLE	3	4.648015e-04	0.158064450	0.0076801815	0.629372079	12.106555317
##	SAMPLE	4	0.000000e+00	0.022882183	0.0000000000	0.028498942	0.000000000
##	SAMPLE	5	3.323966e-03	0.083725324	0.0155002449	0.624557448	0.000000000
##	SAMPLE	6	1.543900e-01	0.036690434	0.0144575884	0.035599769	0.041411772
##	SAMPLE	7	1.152999e-02	0.045646522	0.0294827153	12.627702026	0.634493927
##	SAMPLE	8	9.535787e-03	0.092400739	0.0202930289	0.000000000	13.734794422
##	SAMPLE	9	0.000000e+00	0.112408055	0.0082253822	0.062665218	0.511130425
##	SAMPLE	10	4.135288e-02	0.072178360	0.0047170806	0.266237281	0.551473086
##	SAMPLE	11	0.000000e+00	0.183246507	0.1124002037	0.125110111	12.236223815
##	SAMPLE	12	4.435908e-01	0.000000000	0.0943654526	0.360363904	0.000000000

##	SAMPLE	13	5.672050e-02	0.316781964	0.0526620349	0.059364304	0.012930823
##	SAMPLE	14	0.000000e+00	0.031370308	0.0536905123	0.030651575	12.384064352
##	SAMPLE	15	0.000000e+00	0.000000000	0.0000000000	0.000000000	0.000000000
##	SAMPLE	16	0.000000e+00	0.097482553	0.0984962977	0.065740488	0.026327046
##	SAMPLE	17	4.166210e-02	0.514977598	0.0049526662	0.062419091	0.000000000
##	SAMPLE	18	0.000000e+00	0.271575537	0.0114589374	0.000000000	0.000000000
##	SAMPLE	19	0.000000e+00	0.000000000	0.0003741014	0.000000000	0.000000000
##	SAMPLE	20	0.000000e+00	0.480440692	0.0000000000	13.085783234	0.001540239
##	SAMPLE	21	1.296084e-01	0.033748540	0.0042798481	0.395235076	0.000000000
##	SAMPLE	22	0.000000e+00	0.040299180	0.0063739813	12.594233891	0.513708879
##	SAMPLE	23	1.125903e-02	0.322638074	0.0124947098	0.062338004	0.399693509
##	SAMPLE	24	7.331966e-02	0.246016465	0.1716048104	0.762007673	0.008801046
##	SAMPLE	25	0.000000e+00	0.408708293	0.0114606980	0.202671942	13.639691507
##	SAMPLE	26	0.000000e+00	0.039969868	0.0264547636	0.505318107	0.061445585
##	SAMPLE	27	0.000000e+00	0.216633639	0.0300787152	0.025672088	13.345411580
##	SAMPLE	28	8.152388e-03	0.554899685	0.0139047503	14.295303948	0.015467851
##	SAMPLE	29	0.000000e+00	0.245611452	0.0001511028	0.337541577	0.259541034
##	SAMPLE	30	1.833916e-02	0.000000000	0.0101877216	0.000000000	0.000000000
##	SAMPLE	31	2.749688e-01	0.000000000	0.0000000000	0.000000000	12.463342134
##	SAMPLE	32	1.609571e-01	0.004304429	0.2210888000	0.474003743	0.479991098
##	SAMPLE	33	0.000000e+00	0.005202637	0.0000000000	0.060307988	0.012022784
##	SAMPLE	34	0.000000e+00	0.018516303	0.0160903156	0.000000000	13.032460534
##	SAMPLE	35	9.955156e-05	0.456246249	0.0087651144	0.010089472	0.626065551
##	SAMPLE	36	0.000000e+00	0.081099570	0.0298069126	0.251583175	0.120213129
##	SAMPLE	37	0.000000e+00	0.008520409	0.0038386707	0.011944058	12.287768850
##	SAMPLE	38	0.000000e+00	0.029795027	0.0031500566	12.108010270	13.209921220
##	SAMPLE	39	2.203613e-01	0.243144226	0.0248909049	0.022118483	0.000000000
##	SAMPLE	40	2.231449e-03	0.002088889	0.0457711540	0.012789004	0.164160571
##	SAMPLE	41	0.000000e+00	0.634738314	0.0075624811	0.112281402	0.156591876
##	SAMPLE	42	1.385571e-02	0.064552764	0.0192747469	0.010349600	0.076812864
##	SAMPLE	43	6.179964e-02	13.641081664	0.0048898090	0.000000000	0.359803107
##	SAMPLE	44	2.241292e-01	0.006024293	0.0097545076	0.020049114	0.000000000
##	SAMPLE	45	1.657557e-03	0.025167832	0.0267401771	0.261106799	0.405074169
##	SAMPLE	46	6.887306e-03	0.075395554	0.0168654093	0.107126828	12.042277368
##	SAMPLE	47	0.000000e+00	0.003548338	0.1406091922	0.054932496	0.025119283
##	SAMPLE	48	4.311638e-01	0.000000000	0.0616684783	0.000000000	0.000000000
##	SAMPLE	49	3.786003e-03	0.018263840	0.0168727317	0.546537453	0.285234091
##	SAMPLE	50	0.000000e+00	12.455176176	0.0000000000	0.009353051	13.581700358
##	SAMPLE	51	8.621111e-02	0.365079925	0.0218506885	0.017753229	0.040065167
##	SAMPLE	52	1.283340e+01	13.454520628	0.0681724396	0.000000000	0.000000000
##	SAMPLE	53	6.521816e-03	0.447883717	0.0746153611	0.323369837	0.480610051
##	SAMPLE	54	0.000000e+00	0.048561060	0.0164112613	0.078417817	0.006715537
##	SAMPLE	55	0.000000e+00	0.110386196	0.0000000000	0.000000000	11.908513911
##	SAMPLE	56	1.180526e-02	0.106666488	0.1727785122	0.000000000	0.014817491
##	SAMPLE	57	0.000000e+00	0.049798232	0.0000000000	0.000000000	0.000000000
##	SAMPLE	58	0.000000e+00	0.110862991	0.0275848651	0.814065292	12.111054152
##	SAMPLE	59	9.854608e-02	0.295965778	0.1129932601	0.482438167	0.000000000
##	SAMPLE	60	9.730275e-02	0.025385319	0.2003263329	0.200879322	0.007092564
##	SAMPLE	61	0.000000e+00	0.094432992	0.0054555110	0.185057279	0.833721896
##	SAMPLE	62	0.000000e+00	0.354331077	0.0271093860	0.026976075	13.617627501
##	SAMPLE	63	0.000000e+00	0.280335651	0.0000000000	0.000000000	13.050988659
##	SAMPLE	64	1.557240e-01	0.047448730	0.1016636676	0.348752643	0.000000000
##	SAMPLE	65	2.758358e-01	0.117427447	0.0000000000	0.000000000	0.057973932
##	SAMPLE	66	1.274793e-02	0.043164278	0.0431039243	0.133327904	13.385047051
##	SAMPLE	67	0.000000e+00	0.062971096	0.0000000000	0.029003696	0.699838738
##	SAMPLE	68	2.466477e-01	0.601366763	0.0861076378	0.001930534	0.000000000

##	SAMPLE	69	1.944921e-02	0.012034074	0.0000000000	0.215519995	0.0000000000
##	SAMPLE	70	1.061625e-02	12.205197265	0.0024599253	0.0000000000	0.115737354
##	SAMPLE	71	8.073516e-02	0.190377192	0.0262733442	0.070704148	12.166079400
##	SAMPLE	72	0.000000e+00	0.017188845	0.0230419984	0.124216858	0.0000000000
##	SAMPLE	73	8.228839e-02	0.025971377	0.0110904040	0.107823503	0.374632692
##	SAMPLE	74	0.000000e+00	0.241482681	0.0000000000	0.092052543	0.0000000000
##	SAMPLE	75	1.315229e+01	0.009338538	0.0000000000	1.055009089	0.474788837
##	SAMPLE	76	6.292100e-03	0.391157134	0.0217815078	0.159571121	0.0000000000
##	SAMPLE	77	7.477235e-04	0.082049207	0.0054331696	0.016506091	14.599278111
##	SAMPLE	78	0.000000e+00	0.021247925	0.0137251119	0.009117610	0.204233052
##	SAMPLE	79	1.238548e-02	0.040830345	0.3715672912	0.702523216	0.352703242
##	SAMPLE	80	2.007105e-02	0.382595100	0.0266208446	0.422840877	0.0000000000
##	SAMPLE	81	0.000000e+00	0.026103835	0.1175255329	0.091613218	0.004544298
##	SAMPLE	82	2.777944e-03	0.553130258	0.0146054836	0.092324196	0.484406394
##	SAMPLE	83	1.204425e-04	0.389592388	0.0502676493	0.500864838	0.221418463
##	SAMPLE	84	0.000000e+00	0.223061799	0.0138311407	0.090919300	0.023021129
##	SAMPLE	85	0.000000e+00	0.0000000000	0.1298493533	12.000114851	0.004410484
##	SAMPLE	86	3.595090e-03	0.167161812	0.0191406829	0.303927322	0.462310361
##	SAMPLE	87	2.347734e-02	0.003556311	0.0745798847	0.035631756	0.066150765
##	SAMPLE	88	1.747130e-04	0.095271149	0.0191356966	0.037347158	13.334603166
##	SAMPLE	89	0.000000e+00	0.0000000000	0.0813717917	0.0000000000	12.646658693
##	SAMPLE	90	0.000000e+00	0.044250138	0.0029233404	0.135367392	0.147607835
##	SAMPLE	91	8.243025e-03	0.050121555	0.1348236519	0.242191003	0.112674615
##	SAMPLE	92	3.676060e-03	1.066113632	0.0356517307	0.104476371	0.048582174
##	SAMPLE	93	0.000000e+00	0.112600846	0.0524539356	0.006745734	12.051187035
##	SAMPLE	94	0.000000e+00	0.032825860	0.0423035136	0.707518024	12.325409571
##	SAMPLE	95	0.000000e+00	0.801568721	0.1032136245	0.308222203	12.968926099
##	SAMPLE	96	0.000000e+00	0.003042081	0.1108196504	0.080556122	0.616234595
##	SAMPLE	97	8.728582e-02	0.0000000000	0.0026782768	0.581548992	0.071986753
##	SAMPLE	98	1.559549e-02	0.400468780	0.0337317266	0.053279985	10.360744748
##	SAMPLE	99	0.000000e+00	0.160180034	0.0012751728	0.0000000000	0.0000000000
##	SAMPLE	100	6.331507e-02	0.014298560	0.0153835394	0.0000000000	0.0000000000
##	SAMPLE	101	1.839612e-03	0.084692804	0.0050273257	0.048530182	0.0000000000
##	SAMPLE	102	0.000000e+00	0.046594961	0.0000000000	0.075122345	0.050213492
##	SAMPLE	103	0.000000e+00	0.048349737	0.0000000000	0.017090220	0.155693278
##	SAMPLE	104	7.637043e-03	0.066470402	0.1106172377	0.287925456	0.996998593
##	SAMPLE	105	0.000000e+00	0.011112550	0.0282384595	0.038440722	0.196575356
##	SAMPLE	106	0.000000e+00	0.006273031	0.0080692683	0.048990984	0.184507893
##	SAMPLE	107	1.469277e-02	0.0000000000	0.0000000000	0.0000000000	11.808633387
##	SAMPLE	108	3.162337e-02	0.014813813	0.0797238470	0.133937615	0.0000000000
##	SAMPLE	109	1.604300e-02	0.0000000000	0.1013272917	0.0000000000	0.256672071
##	SAMPLE	110	8.011343e-03	0.023605990	0.1172305132	0.0000000000	0.002920647
##	SAMPLE	111	0.000000e+00	0.118348411	0.0099505388	0.021463123	0.025132434
##	SAMPLE	112	1.085576e-02	0.047209509	0.0545648953	0.631028566	0.156751785
##	SAMPLE	113	3.455704e-02	0.0000000000	0.0000000000	0.218189650	0.0000000000
##	SAMPLE	114	0.000000e+00	0.301543296	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE	115	0.000000e+00	0.119300681	0.0000000000	0.0000000000	0.104854576
##	SAMPLE	116	0.000000e+00	0.020756844	0.0076666944	0.551204162	13.637973970
##	SAMPLE	117	2.282675e-03	0.033854392	0.0232470493	0.010513967	0.034326039
##	SAMPLE	118	0.000000e+00	0.0000000000	0.0000000000	0.129130252	12.578420358
##	SAMPLE	119	0.000000e+00	0.704208226	0.0000000000	0.099982042	13.357806503
##	SAMPLE	120	4.425413e-02	0.219541322	0.0032443438	0.0000000000	0.0000000000
##	SAMPLE	121	0.000000e+00	0.151227782	0.0028801167	0.013879910	0.133519353
##			OTU 377	OTU 379	OTU 382	OTU 385	OTU 387
##	SAMPLE	1	0.291245922	0.0000000000	3.854975e-02	8.622069e-02	0.000000e+00
##	SAMPLE	2	13.061638043	0.0000000000	0.000000e+00	0.000000e+00	0.000000e+00

##	SAMPLE 3	13.047447957	0.000000000	9.221843e-02	0.000000e+00	5.849348e-02
##	SAMPLE 4	0.310940138	0.000000000	5.130370e-03	6.341354e-01	0.000000e+00
##	SAMPLE 5	12.291139443	0.000000000	1.001706e-01	0.000000e+00	1.011482e-02
##	SAMPLE 6	0.407217245	0.000000000	5.411831e-03	8.248539e-02	0.000000e+00
##	SAMPLE 7	12.747724228	0.000000000	3.271450e-02	0.000000e+00	0.000000e+00
##	SAMPLE 8	12.101826627	0.000000000	3.106670e-02	0.000000e+00	0.000000e+00
##	SAMPLE 9	0.428424254	0.243921552	1.905315e-01	2.145146e-01	0.000000e+00
##	SAMPLE 10	0.568995701	0.000000000	1.940417e-02	9.149802e-02	0.000000e+00
##	SAMPLE 11	0.093199653	0.000000000	1.836578e-02	0.000000e+00	2.734891e-02
##	SAMPLE 12	0.419801456	0.000000000	2.392270e-01	0.000000e+00	1.673171e-02
##	SAMPLE 13	0.260135962	0.003975285	2.981025e-01	1.881676e-01	1.986396e-03
##	SAMPLE 14	0.756490214	0.000000000	1.544481e-01	7.594633e-02	2.318497e-02
##	SAMPLE 15	1.202430709	0.000000000	5.529980e-01	0.000000e+00	0.000000e+00
##	SAMPLE 16	0.347697225	0.000000000	1.185799e-01	2.844373e-02	1.810261e-01
##	SAMPLE 17	0.000000000	0.000000000	8.786458e-02	7.363388e-02	0.000000e+00
##	SAMPLE 18	11.231206368	0.000000000	1.718015e-01	3.337935e-03	0.000000e+00
##	SAMPLE 19	0.000000000	0.002349173	1.000347e+01	1.515816e-01	0.000000e+00
##	SAMPLE 20	0.109227272	0.000000000	2.648728e-02	3.275194e-01	0.000000e+00
##	SAMPLE 21	0.065091118	0.000000000	2.462124e-02	1.182386e+01	0.000000e+00
##	SAMPLE 22	0.415282996	0.000000000	6.429371e-02	5.083277e-02	0.000000e+00
##	SAMPLE 23	0.856486032	0.000000000	1.005562e-01	0.000000e+00	6.507776e-02
##	SAMPLE 24	0.030283606	0.064247501	7.174577e-02	7.295394e-01	0.000000e+00
##	SAMPLE 25	12.429271360	0.409749753	5.994589e-02	1.599552e-02	4.829780e-01
##	SAMPLE 26	0.527206525	0.000000000	9.299378e-02	0.000000e+00	8.653737e-02
##	SAMPLE 27	13.301277570	0.000000000	7.127968e-02	0.000000e+00	7.955463e-03
##	SAMPLE 28	0.677022408	0.000000000	7.229320e-03	1.977782e-02	0.000000e+00
##	SAMPLE 29	0.221373614	0.000000000	6.923671e-04	3.636623e-02	7.233519e-02
##	SAMPLE 30	0.036118392	0.000000000	3.817995e-01	6.619356e-03	4.336542e-03
##	SAMPLE 31	0.144537361	0.000000000	3.631969e-01	0.000000e+00	0.000000e+00
##	SAMPLE 32	0.716486064	0.062388886	9.888281e+00	0.000000e+00	0.000000e+00
##	SAMPLE 33	11.787011745	0.000000000	0.000000e+00	6.738815e-01	0.000000e+00
##	SAMPLE 34	0.195031524	0.000000000	1.509037e-01	0.000000e+00	1.552010e-02
##	SAMPLE 35	0.250583063	0.000000000	3.265804e-03	4.430222e-02	2.886973e-01
##	SAMPLE 36	13.075196500	0.000000000	3.396127e-02	1.237928e+01	0.000000e+00
##	SAMPLE 37	12.348411741	0.000000000	7.160414e-02	6.765722e-03	9.871030e-02
##	SAMPLE 38	12.464519734	0.000000000	1.678199e-02	5.281749e-01	0.000000e+00
##	SAMPLE 39	12.185573407	0.000000000	1.543987e-02	3.077266e-04	8.641136e-02
##	SAMPLE 40	14.592746601	0.000000000	2.623921e-02	0.000000e+00	5.562855e-03
##	SAMPLE 41	12.017958351	0.000000000	8.089934e-02	2.768826e-01	0.000000e+00
##	SAMPLE 42	13.498608188	0.000000000	3.089788e-02	2.140703e-01	3.148043e-01
##	SAMPLE 43	10.122778938	0.000000000	1.023212e-02	1.247642e-01	0.000000e+00
##	SAMPLE 44	0.042012657	0.000000000	2.793511e-01	0.000000e+00	3.295320e-02
##	SAMPLE 45	13.024048650	12.341009008	3.005601e-01	0.000000e+00	9.859578e-03
##	SAMPLE 46	12.435453717	0.000000000	5.963755e-02	3.814182e-02	9.051290e-02
##	SAMPLE 47	13.711187834	0.000000000	1.049343e-03	2.222631e-01	7.278788e-02
##	SAMPLE 48	0.000000000	0.041387870	1.157192e+01	0.000000e+00	4.332485e-02
##	SAMPLE 49	0.237930626	0.000000000	1.882337e-01	0.000000e+00	0.000000e+00
##	SAMPLE 50	12.825604589	0.000000000	2.097380e-02	0.000000e+00	1.925975e-02
##	SAMPLE 51	0.242762872	0.370068406	4.824517e-03	0.000000e+00	2.821713e-02
##	SAMPLE 52	0.000000000	10.346292560	2.902230e-01	0.000000e+00	0.000000e+00
##	SAMPLE 53	12.536013985	0.000000000	1.475603e-01	0.000000e+00	4.109288e-02
##	SAMPLE 54	14.466246326	0.000000000	2.789783e-02	0.000000e+00	0.000000e+00
##	SAMPLE 55	0.404749752	0.000000000	5.926368e-03	0.000000e+00	1.372998e-01
##	SAMPLE 56	0.138321256	0.000000000	0.000000e+00	7.644108e-03	0.000000e+00
##	SAMPLE 57	0.569995098	0.000000000	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE 58	8.446829105	0.000000000	5.511742e-02	1.701745e-01	1.327627e-01

##	SAMPLE	59	0.423678884	11.753740903	1.558842e-01	0.000000e+00	0.000000e+00
##	SAMPLE	60	0.661200443	0.000000000	3.000570e-01	1.134275e-01	0.000000e+00
##	SAMPLE	61	0.589634731	0.000000000	1.460762e-02	6.506745e-01	0.000000e+00
##	SAMPLE	62	13.158517559	0.000000000	1.574468e-02	5.977880e-01	0.000000e+00
##	SAMPLE	63	12.400029138	0.000000000	5.470896e-02	6.405852e-01	0.000000e+00
##	SAMPLE	64	0.000000000	0.000000000	2.680887e-01	2.363944e-01	0.000000e+00
##	SAMPLE	65	0.000000000	0.043152862	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	66	10.095905003	0.000000000	3.253312e-01	2.377368e-02	0.000000e+00
##	SAMPLE	67	0.691317928	0.000000000	3.661571e-02	2.512455e-01	0.000000e+00
##	SAMPLE	68	14.231507077	0.000000000	3.244084e-01	1.761134e-02	2.492905e-03
##	SAMPLE	69	12.379721839	0.000000000	2.656701e-03	1.264229e+01	0.000000e+00
##	SAMPLE	70	0.002604439	0.000000000	0.000000e+00	3.978323e-01	3.439024e-02
##	SAMPLE	71	0.548001161	0.000000000	8.339319e-02	1.017919e-01	8.740265e-03
##	SAMPLE	72	12.111134388	0.047115096	5.091948e-02	4.397196e-02	9.172997e-02
##	SAMPLE	73	0.733644734	0.000000000	1.055759e-01	1.817733e-02	3.259324e-02
##	SAMPLE	74	11.961533452	0.000000000	4.524178e-02	0.000000e+00	0.000000e+00
##	SAMPLE	75	0.041497817	0.000000000	5.172618e-02	2.792542e-02	0.000000e+00
##	SAMPLE	76	0.988637193	0.000000000	9.697106e-03	2.496907e-02	1.126103e-01
##	SAMPLE	77	13.080183850	0.000000000	1.436026e-01	7.140954e+00	0.000000e+00
##	SAMPLE	78	11.767667960	0.000000000	9.761272e-02	8.674171e-03	1.090170e-02
##	SAMPLE	79	0.221590668	0.000000000	3.506418e-02	2.035977e-01	0.000000e+00
##	SAMPLE	80	0.394449184	0.000000000	7.534606e-02	0.000000e+00	1.436052e-02
##	SAMPLE	81	0.727164300	0.000000000	1.151917e-01	1.201542e+01	0.000000e+00
##	SAMPLE	82	0.070499519	0.242439469	3.634195e-02	2.281391e-01	8.357180e-02
##	SAMPLE	83	0.806118982	0.000000000	1.428529e-01	3.615828e-01	0.000000e+00
##	SAMPLE	84	0.096361544	0.000000000	4.017797e-02	2.781129e-01	2.467566e-01
##	SAMPLE	85	14.109683788	0.000000000	7.121665e-02	0.000000e+00	0.000000e+00
##	SAMPLE	86	0.884242267	0.000000000	6.110510e-02	4.858592e-01	0.000000e+00
##	SAMPLE	87	0.719549624	0.000000000	0.000000e+00	0.000000e+00	0.000000e+00
##	SAMPLE	88	0.464444954	0.000000000	2.048443e-01	4.546076e-01	8.423851e-02
##	SAMPLE	89	0.036921514	0.000000000	4.708376e-01	0.000000e+00	0.000000e+00
##	SAMPLE	90	12.448146232	0.000000000	1.032744e-02	4.527331e-01	1.114807e+01
##	SAMPLE	91	0.138118046	12.124143562	2.801825e-01	1.275791e-01	1.717291e-02
##	SAMPLE	92	0.476109699	0.000000000	1.777416e-01	2.750496e-01	0.000000e+00
##	SAMPLE	93	0.584128367	0.000000000	2.236500e-02	1.199696e+01	0.000000e+00
##	SAMPLE	94	13.304767468	0.000000000	4.300612e-01	2.144819e-01	0.000000e+00
##	SAMPLE	95	0.924070452	0.000000000	3.535130e-01	2.891604e-01	1.601958e-04
##	SAMPLE	96	12.725108950	0.000000000	1.866728e-01	8.826441e-02	3.293908e-02
##	SAMPLE	97	12.205912575	0.000000000	8.262017e-03	0.000000e+00	0.000000e+00
##	SAMPLE	98	0.264091240	0.154154639	1.536823e-01	3.102873e-01	0.000000e+00
##	SAMPLE	99	12.369698722	11.511232051	1.725762e-01	2.262542e-01	0.000000e+00
##	SAMPLE	100	0.000000000	0.013936638	6.112480e-02	4.297662e-02	0.000000e+00
##	SAMPLE	101	0.616058575	0.000000000	3.273747e-02	7.829567e-02	5.652642e-02
##	SAMPLE	102	0.734257625	0.000000000	0.000000e+00	3.086015e-03	3.483202e-02
##	SAMPLE	103	0.557640852	0.000000000	3.210113e-02	1.528388e-01	1.213044e-01
##	SAMPLE	104	0.921555353	0.000000000	9.513426e+00	0.000000e+00	1.368671e-02
##	SAMPLE	105	11.070596122	0.000000000	1.185086e-01	0.000000e+00	0.000000e+00
##	SAMPLE	106	12.528506128	0.000000000	7.997586e-02	0.000000e+00	1.666721e-02
##	SAMPLE	107	0.000000000	0.000000000	3.079298e-03	2.966837e-02	0.000000e+00
##	SAMPLE	108	0.803021874	0.000000000	8.128648e-02	0.000000e+00	1.453290e-02
##	SAMPLE	109	0.010504449	0.000000000	1.304759e+01	0.000000e+00	0.000000e+00
##	SAMPLE	110	0.164277883	0.157652598	1.224015e+01	0.000000e+00	0.000000e+00
##	SAMPLE	111	0.221191609	0.174104193	2.138093e-02	5.774885e-01	0.000000e+00
##	SAMPLE	112	0.518461172	0.000000000	1.503611e-01	0.000000e+00	0.000000e+00
##	SAMPLE	113	0.000000000	0.000000000	8.345235e-02	0.000000e+00	0.000000e+00
##	SAMPLE	114	12.594007095	0.000000000	0.000000e+00	5.302707e-02	6.926809e-02

##	SAMPLE	115	0.000000000	0.014528890	7.857477e-03	1.620044e-02	0.000000e+00
##	SAMPLE	116	11.830689270	0.000000000	5.215950e-02	9.444136e-02	0.000000e+00
##	SAMPLE	117	0.193652069	0.000000000	2.615588e-02	1.518664e-01	0.000000e+00
##	SAMPLE	118	0.706931580	0.000000000	3.453118e-03	0.000000e+00	0.000000e+00
##	SAMPLE	119	13.946598819	0.000000000	0.000000e+00	2.365468e-01	0.000000e+00
##	SAMPLE	120	0.000000000	0.120070462	2.733887e-02	0.000000e+00	0.000000e+00
##	SAMPLE	121	0.441154312	11.896245234	2.975946e-02	4.228516e-02	7.873097e-02
##			OTU 389	OTU 392	OTU 394	OTU 396	OTU 401
##	SAMPLE	1	2.582854e-04	0.000000000	5.614040e-03	13.563636214	0.0010175617
##	SAMPLE	2	0.000000e+00	0.000000000	0.000000e+00	0.523615481	0.0000000000
##	SAMPLE	3	0.000000e+00	0.007231544	1.560066e-02	13.297143234	0.0000000000
##	SAMPLE	4	0.000000e+00	0.000000000	0.000000e+00	12.311314046	0.0000000000
##	SAMPLE	5	0.000000e+00	0.000000000	0.000000e+00	13.459618268	0.0031009623
##	SAMPLE	6	6.172774e-03	0.000000000	0.000000e+00	0.098533800	0.0155715448
##	SAMPLE	7	0.000000e+00	0.001978705	3.618380e-02	13.749899598	0.0013145384
##	SAMPLE	8	0.000000e+00	0.049784960	1.086611e-02	13.105887522	0.5745174881
##	SAMPLE	9	0.000000e+00	0.000000000	0.000000e+00	11.766053666	0.0000000000
##	SAMPLE	10	0.000000e+00	0.001311160	2.830449e-03	13.232636511	0.0000000000
##	SAMPLE	11	0.000000e+00	0.000000000	5.332301e-03	12.538732504	0.0000000000
##	SAMPLE	12	0.000000e+00	0.006839929	4.706846e-02	13.352286974	0.0162535015
##	SAMPLE	13	2.083036e-03	0.000000000	0.000000e+00	13.746332400	0.5790890114
##	SAMPLE	14	0.000000e+00	0.000000000	0.000000e+00	12.883520497	0.0000000000
##	SAMPLE	15	0.000000e+00	0.000000000	1.531427e-01	0.719173419	0.0000000000
##	SAMPLE	16	0.000000e+00	0.000000000	0.000000e+00	0.675641947	0.0023064798
##	SAMPLE	17	0.000000e+00	0.000192685	0.000000e+00	13.563202854	0.0000000000
##	SAMPLE	18	0.000000e+00	0.000000000	0.000000e+00	13.098448006	0.0957065627
##	SAMPLE	19	0.000000e+00	0.000000000	0.000000e+00	0.004267127	0.0000000000
##	SAMPLE	20	0.000000e+00	0.038240910	4.648674e-04	14.070316853	0.0000000000
##	SAMPLE	21	0.000000e+00	0.132030617	9.177740e-04	13.185350648	0.0514409209
##	SAMPLE	22	0.000000e+00	0.180027794	0.000000e+00	0.665754318	0.0031188025
##	SAMPLE	23	0.000000e+00	0.021922314	3.022251e-02	12.449686212	0.0021961606
##	SAMPLE	24	0.000000e+00	0.013264298	0.000000e+00	12.919100512	0.0016837302
##	SAMPLE	25	1.566852e-03	0.000000000	0.000000e+00	14.038790133	0.0000000000
##	SAMPLE	26	1.365437e-03	0.000000000	3.405390e-02	13.585306476	0.0068850727
##	SAMPLE	27	0.000000e+00	0.017585251	0.000000e+00	0.849700070	0.0000000000
##	SAMPLE	28	3.167430e-03	0.312866220	2.147554e-02	11.850694665	0.0000000000
##	SAMPLE	29	0.000000e+00	0.000000000	6.620763e-03	0.684343074	0.0000000000
##	SAMPLE	30	7.387893e-03	0.210116538	4.725803e-01	0.306039212	0.0006612667
##	SAMPLE	31	0.000000e+00	0.165123785	0.000000e+00	13.966556854	0.0000000000
##	SAMPLE	32	0.000000e+00	0.259148438	0.000000e+00	14.590048684	0.1782209371
##	SAMPLE	33	0.000000e+00	0.000000000	0.000000e+00	0.434913253	0.0000000000
##	SAMPLE	34	1.009921e-02	0.000000000	0.000000e+00	1.174822235	0.0000000000
##	SAMPLE	35	2.017538e-03	0.000000000	0.000000e+00	0.288574761	0.0000000000
##	SAMPLE	36	0.000000e+00	0.000000000	0.000000e+00	13.896354649	0.0000000000
##	SAMPLE	37	0.000000e+00	0.000000000	0.000000e+00	12.712478163	0.0000000000
##	SAMPLE	38	0.000000e+00	0.000000000	0.000000e+00	12.963757338	0.0114193629
##	SAMPLE	39	0.000000e+00	0.013248720	7.605509e-03	0.861505741	0.0082586027
##	SAMPLE	40	0.000000e+00	0.000000000	0.000000e+00	13.815169740	0.0000000000
##	SAMPLE	41	0.000000e+00	0.000000000	0.000000e+00	13.554990186	0.0000000000
##	SAMPLE	42	0.000000e+00	0.000000000	0.000000e+00	14.327267531	0.0000000000
##	SAMPLE	43	0.000000e+00	0.001065602	0.000000e+00	12.241471264	0.0147776506
##	SAMPLE	44	0.000000e+00	0.000000000	1.049129e-01	0.676250679	0.0000000000
##	SAMPLE	45	0.000000e+00	0.000000000	0.000000e+00	14.405915517	0.0456773406
##	SAMPLE	46	0.000000e+00	0.000000000	0.000000e+00	12.089100028	0.2144620688
##	SAMPLE	47	1.075586e-02	0.000000000	0.000000e+00	12.722471139	0.0000000000
##	SAMPLE	48	0.000000e+00	0.251205498	0.000000e+00	0.027259614	0.0024040302

##	SAMPLE	49	0.000000e+00	0.197517934	3.394329e-02	13.819488651	0.0030006529
##	SAMPLE	50	3.197054e-04	0.007424654	5.894825e-03	13.097934736	0.0000000000
##	SAMPLE	51	2.524359e-03	0.000000000	4.031370e-02	1.427892725	0.0000000000
##	SAMPLE	52	0.000000e+00	0.000000000	0.000000e+00	0.013289326	0.0000000000
##	SAMPLE	53	0.000000e+00	0.038974915	0.000000e+00	13.408099829	0.0070422365
##	SAMPLE	54	0.000000e+00	0.000000000	0.000000e+00	13.768098837	0.0000000000
##	SAMPLE	55	0.000000e+00	0.000000000	0.000000e+00	11.721796173	0.0000000000
##	SAMPLE	56	0.000000e+00	0.000000000	1.151105e+01	0.064504599	0.0000000000
##	SAMPLE	57	0.000000e+00	0.000000000	0.000000e+00	11.924651304	0.0000000000
##	SAMPLE	58	0.000000e+00	0.000000000	0.000000e+00	13.008805270	0.0000000000
##	SAMPLE	59	0.000000e+00	0.000000000	0.000000e+00	12.540961762	0.0000000000
##	SAMPLE	60	0.000000e+00	0.008690392	0.000000e+00	0.525404780	0.0024701940
##	SAMPLE	61	0.000000e+00	0.000000000	0.000000e+00	13.252881525	0.0000000000
##	SAMPLE	62	1.859750e-03	0.000000000	0.000000e+00	13.103069525	0.0000000000
##	SAMPLE	63	0.000000e+00	0.000000000	0.000000e+00	14.345415618	0.0000000000
##	SAMPLE	64	4.986041e-03	0.167048113	9.446465e-03	13.429930505	0.3882446259
##	SAMPLE	65	0.000000e+00	0.000000000	0.000000e+00	0.047697340	0.0000000000
##	SAMPLE	66	0.000000e+00	0.086497519	1.680236e-02	13.233888045	0.0362118277
##	SAMPLE	67	0.000000e+00	0.000000000	1.533013e-02	13.038450691	0.0000000000
##	SAMPLE	68	0.000000e+00	0.126679523	6.447664e-02	13.589959850	0.0000000000
##	SAMPLE	69	0.000000e+00	0.004036483	2.546107e-02	13.413854584	0.0000000000
##	SAMPLE	70	0.000000e+00	0.000000000	0.000000e+00	0.581124810	0.0000000000
##	SAMPLE	71	0.000000e+00	0.023033329	0.000000e+00	12.828141111	0.0000000000
##	SAMPLE	72	0.000000e+00	0.000000000	0.000000e+00	13.518306665	0.0000000000
##	SAMPLE	73	1.924142e-03	0.000000000	0.000000e+00	13.335330383	0.0000000000
##	SAMPLE	74	0.000000e+00	0.000000000	0.000000e+00	13.256572555	0.0000000000
##	SAMPLE	75	1.241912e+01	0.079356201	0.000000e+00	0.287081575	0.0145692997
##	SAMPLE	76	0.000000e+00	0.000000000	0.000000e+00	0.698382575	0.0000000000
##	SAMPLE	77	7.726380e-04	0.000000000	0.000000e+00	12.685666065	0.1022407584
##	SAMPLE	78	0.000000e+00	0.000000000	0.000000e+00	12.568460796	0.0000000000
##	SAMPLE	79	0.000000e+00	0.000000000	1.888770e-02	12.786757770	0.0000000000
##	SAMPLE	80	0.000000e+00	0.000000000	9.338580e-03	12.778682773	0.6660873456
##	SAMPLE	81	0.000000e+00	0.017578339	2.317243e-02	12.882702922	0.0307169025
##	SAMPLE	82	0.000000e+00	0.000000000	0.000000e+00	12.341017631	0.0000000000
##	SAMPLE	83	3.947297e-04	0.001591347	1.347282e-02	13.369654106	0.0019386993
##	SAMPLE	84	0.000000e+00	0.000000000	0.000000e+00	0.847033558	0.0000000000
##	SAMPLE	85	0.000000e+00	0.000000000	0.000000e+00	12.592985872	0.0027344501
##	SAMPLE	86	5.586792e-03	0.000000000	0.000000e+00	14.876849524	0.0041265989
##	SAMPLE	87	0.000000e+00	0.233203954	0.000000e+00	0.750170814	0.0000000000
##	SAMPLE	88	0.000000e+00	0.000000000	0.000000e+00	14.235823958	0.0000000000
##	SAMPLE	89	0.000000e+00	0.084937308	1.289180e-02	0.130362971	0.0000000000
##	SAMPLE	90	0.000000e+00	0.000000000	0.000000e+00	13.969884424	0.0000000000
##	SAMPLE	91	4.264302e-03	0.000000000	0.000000e+00	12.782737900	0.0000000000
##	SAMPLE	92	0.000000e+00	0.052349388	0.000000e+00	13.970908121	0.0000000000
##	SAMPLE	93	0.000000e+00	0.006380285	1.568286e-03	13.707968912	0.0006251586
##	SAMPLE	94	0.000000e+00	0.000000000	1.829345e-02	14.090443337	0.0104992649
##	SAMPLE	95	0.000000e+00	0.066760325	0.000000e+00	13.842934307	0.0209270292
##	SAMPLE	96	0.000000e+00	0.053041242	5.166623e-01	14.349436286	0.2244778808
##	SAMPLE	97	0.000000e+00	0.000000000	0.000000e+00	0.426565639	0.0000000000
##	SAMPLE	98	0.000000e+00	0.002996059	5.330501e-03	13.880406770	0.0014523372
##	SAMPLE	99	0.000000e+00	0.000000000	0.000000e+00	14.194041182	0.0000000000
##	SAMPLE	100	0.000000e+00	0.010576586	2.774717e-02	0.773961193	0.0074238409
##	SAMPLE	101	1.064280e-02	0.000000000	0.000000e+00	13.345098956	0.0009791894
##	SAMPLE	102	0.000000e+00	0.000000000	0.000000e+00	0.426518973	0.0000000000
##	SAMPLE	103	0.000000e+00	0.000000000	0.000000e+00	0.322539972	0.0000000000
##	SAMPLE	104	0.000000e+00	0.001519769	2.458502e-02	13.733763534	0.1406159743

##	SAMPLE	105	0.000000e+00	0.002445438	4.153857e-02	15.210599696	0.0034105921
##	SAMPLE	106	0.000000e+00	0.000000000	0.000000e+00	12.617016962	0.0000000000
##	SAMPLE	107	0.000000e+00	0.001519149	0.000000e+00	0.089580923	0.0000000000
##	SAMPLE	108	0.000000e+00	0.000000000	5.604206e-02	0.790800761	0.0075508418
##	SAMPLE	109	0.000000e+00	0.000000000	1.191155e+01	13.297181600	0.4900271923
##	SAMPLE	110	0.000000e+00	0.071092032	5.495805e-01	0.454160357	0.0000000000
##	SAMPLE	111	0.000000e+00	0.000000000	0.000000e+00	13.762003757	0.0000000000
##	SAMPLE	112	0.000000e+00	0.047998168	4.502031e-03	13.851925259	0.0002215228
##	SAMPLE	113	0.000000e+00	0.018175790	1.374580e-02	12.587125758	0.0644657547
##	SAMPLE	114	0.000000e+00	0.000000000	0.000000e+00	12.433866348	0.0000000000
##	SAMPLE	115	0.000000e+00	0.000000000	0.000000e+00	12.532760354	0.0000000000
##	SAMPLE	116	0.000000e+00	0.031653475	0.000000e+00	10.020043031	0.0000000000
##	SAMPLE	117	3.808079e-04	0.000000000	0.000000e+00	11.244701293	0.0023895481
##	SAMPLE	118	0.000000e+00	0.000000000	0.000000e+00	13.829821191	0.0000000000
##	SAMPLE	119	0.000000e+00	0.000000000	0.000000e+00	13.177514610	0.0000000000
##	SAMPLE	120	0.000000e+00	0.000000000	0.000000e+00	12.135144430	0.0000000000
##	SAMPLE	121	9.669640e-04	0.000000000	0.000000e+00	13.769320056	0.0040657525
##			OTU 406	OTU 408	OTU 414	OTU 416	OTU 419
##	SAMPLE	1	1.139784e+01	1.656164e-02	1.197778e+01	12.7832468	14.17602517
##	SAMPLE	2	0.000000e+00	0.000000e+00	1.167331e+01	0.0000000	0.43296821
##	SAMPLE	3	1.382243e+01	1.264362e+01	0.000000e+00	12.3693769	12.56890994
##	SAMPLE	4	2.665883e-01	0.000000e+00	1.394865e+01	0.0000000	10.37326263
##	SAMPLE	5	1.340948e+01	1.112762e-01	5.959420e-01	12.3217593	13.80786910
##	SAMPLE	6	1.198614e+01	0.000000e+00	1.990686e-02	0.0000000	11.60946693
##	SAMPLE	7	1.607823e-02	0.000000e+00	0.000000e+00	0.5190654	13.81066403
##	SAMPLE	8	6.167055e-03	0.000000e+00	0.000000e+00	0.0000000	11.88939308
##	SAMPLE	9	1.404741e+01	3.091400e-01	1.152001e-02	0.0000000	12.62599904
##	SAMPLE	10	9.424276e-03	5.288907e-02	0.000000e+00	0.3776726	12.58147494
##	SAMPLE	11	3.133476e-02	4.392135e-01	1.274876e+01	13.1729491	11.63579669
##	SAMPLE	12	1.366149e+01	1.190112e+01	0.000000e+00	0.4897815	13.24356652
##	SAMPLE	13	1.461516e+01	1.166658e-01	1.339395e+01	10.3923035	12.37206254
##	SAMPLE	14	4.270853e-01	0.000000e+00	0.000000e+00	0.0000000	11.69799371
##	SAMPLE	15	1.514841e+01	0.000000e+00	7.396394e-02	0.0000000	13.96749031
##	SAMPLE	16	1.374377e+01	6.290282e-02	7.316537e-01	0.2372445	0.64151170
##	SAMPLE	17	1.413003e+01	0.000000e+00	0.000000e+00	14.0253956	0.27552226
##	SAMPLE	18	8.278247e-01	1.011067e-01	1.278283e+01	0.0000000	13.72833324
##	SAMPLE	19	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000	12.83616732
##	SAMPLE	20	3.557671e-02	1.314180e+01	4.296557e-03	13.3378783	11.55709560
##	SAMPLE	21	2.184159e-01	0.000000e+00	9.856822e-02	0.7748193	12.96517415
##	SAMPLE	22	1.277459e+01	3.867253e-01	4.959894e-04	0.4403897	10.86992876
##	SAMPLE	23	2.262111e-02	0.000000e+00	0.000000e+00	12.1761467	13.67729282
##	SAMPLE	24	1.527095e+01	1.835026e-01	3.677706e-03	13.5756200	10.17269904
##	SAMPLE	25	1.157705e+01	6.797818e-02	1.279686e+01	12.2168484	13.08313483
##	SAMPLE	26	1.105498e-01	0.000000e+00	6.720217e-02	12.2950297	12.59886562
##	SAMPLE	27	6.323637e-03	4.860167e-01	1.243731e+01	13.7731691	12.24688974
##	SAMPLE	28	1.229209e+01	1.332835e+01	2.366744e-03	13.4575067	9.23930132
##	SAMPLE	29	1.519094e+01	1.553167e-02	0.000000e+00	13.1672905	10.11974489
##	SAMPLE	30	9.585142e-03	0.000000e+00	3.703632e-04	0.0000000	11.11183864
##	SAMPLE	31	1.257984e+01	0.000000e+00	0.000000e+00	0.0000000	13.48040260
##	SAMPLE	32	9.764774e+00	4.188666e-02	0.000000e+00	0.0000000	11.72893191
##	SAMPLE	33	1.486288e+01	0.000000e+00	1.195919e+01	0.0000000	12.44284156
##	SAMPLE	34	1.463406e+01	0.000000e+00	0.000000e+00	0.0000000	0.38515306
##	SAMPLE	35	1.686689e-02	2.045925e-03	8.842800e-01	14.2679713	0.33356025
##	SAMPLE	36	1.294820e+01	7.408237e-01	3.501015e-01	1.0393941	13.00929004
##	SAMPLE	37	3.305283e-01	6.324294e-01	1.267374e+01	0.4435601	12.81312887
##	SAMPLE	38	1.426368e+01	0.000000e+00	0.000000e+00	0.7568282	13.16072627

##	SAMPLE	39	1.394597e+01	0.000000e+00	9.111305e-02	0.4022198	14.03979789
##	SAMPLE	40	1.750952e-02	0.000000e+00	1.557350e-03	0.4072299	0.49226470
##	SAMPLE	41	3.227568e-03	0.000000e+00	0.000000e+00	10.1171931	12.22620582
##	SAMPLE	42	6.347358e-02	4.182816e-02	1.342598e+01	13.0864317	0.42824688
##	SAMPLE	43	1.701823e-03	0.000000e+00	2.681362e-01	13.5339173	12.81046078
##	SAMPLE	44	6.711609e-04	2.742798e-02	0.000000e+00	0.0000000	9.62924895
##	SAMPLE	45	0.000000e+00	0.000000e+00	1.016942e+01	12.7638448	12.78686934
##	SAMPLE	46	1.313891e+01	0.000000e+00	1.310328e+01	10.2414490	13.76399813
##	SAMPLE	47	0.000000e+00	2.045723e-02	0.000000e+00	0.0000000	12.34679823
##	SAMPLE	48	0.000000e+00	0.000000e+00	0.000000e+00	0.0000000	13.20489081
##	SAMPLE	49	1.303201e+01	0.000000e+00	8.453996e-01	0.0000000	14.03415822
##	SAMPLE	50	1.423917e+01	0.000000e+00	5.480039e-04	10.8928051	0.21613717
##	SAMPLE	51	1.800756e-01	7.442019e-02	3.388939e-02	0.8215419	12.65612735
##	SAMPLE	52	5.210017e-01	0.000000e+00	0.000000e+00	0.0000000	12.56900779
##	SAMPLE	53	1.455689e+01	0.000000e+00	1.239160e+01	13.7417418	13.59502269
##	SAMPLE	54	1.411293e+01	0.000000e+00	3.558419e-01	13.0724504	0.46410534
##	SAMPLE	55	1.373281e+01	3.699000e-01	1.172591e+01	0.0000000	12.91310059
##	SAMPLE	56	1.483159e+01	7.658495e-04	0.000000e+00	0.0000000	12.62292815
##	SAMPLE	57	6.427592e-02	0.000000e+00	0.000000e+00	0.0000000	0.02276866
##	SAMPLE	58	1.412560e+01	5.281311e-02	3.368759e-01	10.2615435	11.41767261
##	SAMPLE	59	3.884718e-03	0.000000e+00	0.000000e+00	14.2723561	12.11470651
##	SAMPLE	60	1.334928e+01	0.000000e+00	2.483040e-01	0.8421909	11.45963541
##	SAMPLE	61	1.208512e+01	1.224730e-01	2.472747e-01	12.2309535	12.07400844
##	SAMPLE	62	3.015116e-01	2.171780e-01	1.285213e+01	12.4363467	12.46594138
##	SAMPLE	63	1.461406e+01	0.000000e+00	1.235361e+01	10.1777537	11.50261835
##	SAMPLE	64	0.000000e+00	0.000000e+00	0.000000e+00	12.9826751	13.37196679
##	SAMPLE	65	7.804543e-01	0.000000e+00	2.866173e-02	13.4015916	12.75065098
##	SAMPLE	66	1.420944e+01	0.000000e+00	1.271760e+01	0.0000000	12.55687605
##	SAMPLE	67	1.387169e+01	2.202897e-01	1.258343e+01	0.4690099	14.23974190
##	SAMPLE	68	6.374664e-02	0.000000e+00	1.575050e-02	13.6188773	10.27469467
##	SAMPLE	69	1.061979e-01	1.315295e-01	0.000000e+00	0.6705273	12.60260325
##	SAMPLE	70	1.464281e+01	0.000000e+00	1.543828e-01	0.0000000	11.88869844
##	SAMPLE	71	1.116584e-02	4.052911e-01	1.270059e+01	12.4216083	9.93818756
##	SAMPLE	72	6.492240e-01	0.000000e+00	1.300986e+01	12.0696989	11.63271552
##	SAMPLE	73	1.455064e+01	3.947020e-02	3.816243e-01	12.6183625	13.95458412
##	SAMPLE	74	1.412365e+01	4.428667e-01	1.349460e+01	12.1140421	12.63291291
##	SAMPLE	75	8.190814e-01	0.000000e+00	0.000000e+00	0.0000000	13.06398304
##	SAMPLE	76	8.233399e-01	1.213293e+01	8.686260e-01	14.2957752	11.51657130
##	SAMPLE	77	5.681122e-03	1.174199e+01	0.000000e+00	0.4926212	0.40698668
##	SAMPLE	78	1.712942e-01	1.480327e-02	5.214321e-02	12.0988908	11.97972667
##	SAMPLE	79	1.379862e+01	1.206746e+01	1.242363e+01	12.4767216	13.07003263
##	SAMPLE	80	0.000000e+00	0.000000e+00	1.228608e+01	13.0694777	12.95262071
##	SAMPLE	81	1.469335e-01	1.149254e-02	5.501062e-01	11.9355455	0.45970865
##	SAMPLE	82	1.472487e+01	1.737966e-02	1.252242e+01	13.0807680	12.82671952
##	SAMPLE	83	1.337916e+01	4.701694e-02	1.238555e-01	12.6079756	11.89847406
##	SAMPLE	84	1.505580e+01	0.000000e+00	6.230122e-01	12.2921293	11.65258866
##	SAMPLE	85	0.000000e+00	0.000000e+00	1.646883e-01	0.0000000	11.29052188
##	SAMPLE	86	5.951961e-02	2.149667e-01	0.000000e+00	13.3620016	11.51021391
##	SAMPLE	87	4.109896e-04	0.000000e+00	0.000000e+00	0.6493018	13.63142452
##	SAMPLE	88	1.411906e+01	3.126400e-01	0.000000e+00	12.0255701	13.16861427
##	SAMPLE	89	3.700264e-01	0.000000e+00	0.000000e+00	0.0000000	0.18673075
##	SAMPLE	90	1.417270e+01	7.183651e-02	7.925332e-01	0.7334111	11.78568447
##	SAMPLE	91	1.237785e+01	2.550616e-01	1.256980e+01	13.2018085	14.20382219
##	SAMPLE	92	1.202964e+01	3.714568e-02	1.070584e-01	12.5920420	10.94566375
##	SAMPLE	93	1.419412e+01	7.354401e-04	1.325069e+01	13.0364470	11.76149349
##	SAMPLE	94	6.492756e-03	1.026564e+01	0.000000e+00	12.1245105	12.52728688

##	SAMPLE	95	1.329750e+01	0.000000e+00	1.324332e+01	13.0441610	12.27776161
##	SAMPLE	96	1.307008e+01	3.434233e-01	0.000000e+00	0.4509628	15.00531037
##	SAMPLE	97	1.251821e+01	0.000000e+00	0.000000e+00	0.0000000	13.42449684
##	SAMPLE	98	2.867617e-02	1.557667e-03	0.000000e+00	13.9780215	11.45153968
##	SAMPLE	99	1.235746e+01	0.000000e+00	1.350060e+01	14.0263193	0.13765353
##	SAMPLE	100	1.590498e-04	0.000000e+00	0.000000e+00	0.4108145	13.55442289
##	SAMPLE	101	1.394611e+01	0.000000e+00	4.369442e-03	13.1812793	12.38962228
##	SAMPLE	102	1.243086e+01	0.000000e+00	5.279725e-01	0.0000000	13.09178043
##	SAMPLE	103	1.470488e+01	0.000000e+00	0.000000e+00	0.0000000	9.04338428
##	SAMPLE	104	1.426143e+01	6.905374e-01	0.000000e+00	0.0000000	10.71482437
##	SAMPLE	105	6.516120e-01	3.086911e-01	1.916280e-01	0.0000000	13.21242327
##	SAMPLE	106	1.362500e-03	3.778076e-01	5.162146e-02	0.8305536	12.89554270
##	SAMPLE	107	1.355333e+01	0.000000e+00	0.000000e+00	0.0000000	0.34326907
##	SAMPLE	108	1.356075e+01	0.000000e+00	1.252427e+01	0.0000000	14.72886186
##	SAMPLE	109	3.198186e-01	0.000000e+00	0.000000e+00	0.0000000	13.38236184
##	SAMPLE	110	6.914958e-01	0.000000e+00	5.152586e-01	0.0000000	11.69688551
##	SAMPLE	111	1.305832e+01	1.213455e+01	7.242864e-02	10.1084511	12.94637261
##	SAMPLE	112	4.454321e-01	0.000000e+00	9.261357e-02	0.0000000	12.79849249
##	SAMPLE	113	1.473869e+01	0.000000e+00	5.533813e-01	0.0000000	0.34255146
##	SAMPLE	114	1.125283e+01	5.052467e-01	0.000000e+00	0.0000000	13.74937550
##	SAMPLE	115	0.000000e+00	0.000000e+00	3.167627e-02	0.0000000	0.13724998
##	SAMPLE	116	1.481052e+01	0.000000e+00	8.377429e-03	13.0460539	0.22483694
##	SAMPLE	117	1.405771e+01	3.439906e-01	1.206385e+01	12.1187870	13.46841161
##	SAMPLE	118	1.211809e+01	0.000000e+00	1.228006e+01	0.0000000	12.14154349
##	SAMPLE	119	1.277787e+01	7.394155e-01	1.329150e+01	0.0000000	12.68285319
##	SAMPLE	120	1.727310e-02	0.000000e+00	1.092824e-01	11.9330485	12.91995181
##	SAMPLE	121	1.361960e+01	1.002036e-01	1.281572e+01	12.1975992	8.92138857
##			OTU 420	OTU 434	OTU 436	OTU 438	OTU 440
##	SAMPLE	1	0.0003038582	0.0000000000	0.000000e+00	0.0031101782	0.0000000000
##	SAMPLE	2	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	3	0.0000000000	0.0056789858	8.717687e-03	0.0141310817	0.0000000000
##	SAMPLE	4	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	5	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	6	0.0053912564	0.0025204542	1.684699e-02	0.2536453432	0.0000000000
##	SAMPLE	7	0.0000000000	0.0090158585	2.464119e-02	0.0020239731	0.0000000000
##	SAMPLE	8	0.0000000000	0.0000000000	1.106199e-01	0.0101216038	0.0000000000
##	SAMPLE	9	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	10	0.0062066060	0.0000000000	0.000000e+00	0.0000000000	13.036576488
##	SAMPLE	11	0.0000000000	0.0000000000	0.000000e+00	0.0027758729	0.0000000000
##	SAMPLE	12	0.0034400625	0.0000000000	1.034150e-02	0.0054330184	0.0000000000
##	SAMPLE	13	0.0035829694	0.0000000000	3.733169e-02	0.0304169759	0.0000000000
##	SAMPLE	14	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	11.925609002
##	SAMPLE	15	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	16	0.0353537767	0.0000000000	0.000000e+00	0.0003888325	0.0000000000
##	SAMPLE	17	0.0000000000	0.0238798875	9.630540e-04	0.0000000000	0.0000000000
##	SAMPLE	18	0.0000000000	0.0112927294	4.175331e-03	0.0000000000	12.399045539
##	SAMPLE	19	0.0000000000	0.0000000000	0.000000e+00	0.0027579343	0.0000000000
##	SAMPLE	20	0.0000000000	0.0000000000	3.928640e-03	0.0000000000	12.096449649
##	SAMPLE	21	0.0000000000	0.0236286833	1.901996e-02	0.0000000000	0.0000000000
##	SAMPLE	22	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	8.210054952
##	SAMPLE	23	0.0000000000	0.0000000000	4.455911e-03	0.0000000000	0.0000000000
##	SAMPLE	24	0.0051137524	0.0000000000	1.119912e-01	0.0168515061	0.0000000000
##	SAMPLE	25	0.0055508410	0.0000000000	0.000000e+00	0.0000000000	0.631287621
##	SAMPLE	26	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	12.621844729
##	SAMPLE	27	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	28	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	13.062635097

##	SAMPLE	29	0.0007301188	0.0004910006	0.000000e+00	0.0003525377	0.0000000000
##	SAMPLE	30	0.0000000000	0.0000000000	1.787144e-02	0.0186768294	0.0000000000
##	SAMPLE	31	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	32	0.0032574195	0.0000000000	0.000000e+00	0.0325163989	0.089990865
##	SAMPLE	33	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	34	0.0000000000	0.0130619613	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	35	0.0000000000	0.0000000000	9.047040e-03	0.0060828541	0.0000000000
##	SAMPLE	36	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	37	0.0019855824	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	38	0.0000000000	0.0000000000	1.426045e-02	0.0040444968	0.0000000000
##	SAMPLE	39	0.0000000000	0.0502673038	2.544445e-03	0.0343195382	0.664559953
##	SAMPLE	40	0.0000000000	0.0005064047	0.000000e+00	0.0059308931	0.385658334
##	SAMPLE	41	0.0000000000	0.0000000000	0.000000e+00	0.0092237669	0.0000000000
##	SAMPLE	42	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	12.137026539
##	SAMPLE	43	0.0000000000	0.0000000000	7.023442e-02	0.0186519751	0.0000000000
##	SAMPLE	44	0.0000000000	0.5946461151	2.699039e-01	0.6141685840	0.202860967
##	SAMPLE	45	0.0000000000	0.0000000000	2.515393e-03	0.0029966629	0.0000000000
##	SAMPLE	46	0.0028829359	0.0000000000	1.259071e-02	0.0052368880	0.0000000000
##	SAMPLE	47	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	48	0.0000000000	0.0000000000	5.992877e-03	0.0102698203	0.0000000000
##	SAMPLE	49	0.0063374575	0.0000000000	5.726764e-03	0.0137158826	0.0000000000
##	SAMPLE	50	0.0002087988	0.0033095446	0.000000e+00	0.0257041202	0.0000000000
##	SAMPLE	51	0.0000000000	0.0070601124	7.455273e-03	0.0007162136	0.531044525
##	SAMPLE	52	0.0000000000	0.0000000000	1.111463e-01	0.0000000000	0.0000000000
##	SAMPLE	53	0.0000000000	0.0000000000	0.000000e+00	0.0080315568	0.0000000000
##	SAMPLE	54	0.0000000000	0.0000000000	1.523531e-02	0.0000000000	0.002255447
##	SAMPLE	55	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	56	0.0220334672	0.0000000000	2.988276e-03	0.0000000000	0.0000000000
##	SAMPLE	57	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	58	0.0000000000	0.0000000000	1.601008e-02	0.0148517071	0.0000000000
##	SAMPLE	59	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	13.437585484
##	SAMPLE	60	0.0000000000	0.0020828345	1.700908e-02	0.0000000000	0.0000000000
##	SAMPLE	61	0.0000000000	0.1166775617	3.613739e-02	0.0088983001	13.104746256
##	SAMPLE	62	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	63	0.0000000000	0.0000000000	7.236928e-03	0.0000000000	0.0000000000
##	SAMPLE	64	0.0000000000	0.0013783970	1.102870e-03	0.0000000000	0.0000000000
##	SAMPLE	65	0.0027477669	0.4251574361	0.000000e+00	9.8166838153	0.049310429
##	SAMPLE	66	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	67	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	12.721400504
##	SAMPLE	68	0.0000000000	0.0000000000	4.403814e-02	0.0024125858	0.058824181
##	SAMPLE	69	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	12.649008777
##	SAMPLE	70	0.0000000000	0.0000000000	1.858808e-02	0.0000000000	0.0000000000
##	SAMPLE	71	0.0000000000	0.0027319131	9.534190e-02	0.0887504241	0.0000000000
##	SAMPLE	72	0.0004940227	0.0000000000	0.000000e+00	0.0000000000	13.616062719
##	SAMPLE	73	0.0005745269	0.0000000000	2.652488e-03	0.0000000000	0.009322337
##	SAMPLE	74	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	75	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.969426831
##	SAMPLE	76	0.0034353460	0.0035597225	3.914999e-03	0.0407048680	0.0000000000
##	SAMPLE	77	0.0000000000	0.0045276204	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	78	0.0000000000	0.0061452768	0.000000e+00	0.0000000000	12.414463896
##	SAMPLE	79	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	80	0.0000000000	0.0000000000	2.072534e-02	0.0000000000	0.0000000000
##	SAMPLE	81	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	9.717652311
##	SAMPLE	82	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	83	0.0000000000	0.0000000000	1.343981e-02	0.0036203155	0.0000000000
##	SAMPLE	84	0.0000000000	0.0000000000	6.620045e-02	0.0567916732	0.0000000000

##	SAMPLE 85	0.0000000000	0.0080258152	0.000000e+00	0.0000000000	12.883780470
##	SAMPLE 86	0.0000000000	0.0000000000	5.034994e-02	0.0009499605	0.001782517
##	SAMPLE 87	0.0000000000	0.0000000000	2.864651e-04	0.0000000000	12.889106277
##	SAMPLE 88	0.0068036866	0.0000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 89	0.0000000000	0.0000000000	1.213818e+01	0.3465351985	0.000000000
##	SAMPLE 90	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	14.598259778
##	SAMPLE 91	0.0000000000	0.0000000000	3.046584e-03	0.0143270016	13.481479990
##	SAMPLE 92	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	1.159187961
##	SAMPLE 93	0.0007599455	0.0000000000	2.352143e-02	0.0230422409	0.000000000
##	SAMPLE 94	0.0016532278	0.0654896168	3.036209e-02	0.0133905417	0.784530660
##	SAMPLE 95	0.0000000000	0.0000000000	2.274531e-02	0.0000000000	0.000000000
##	SAMPLE 96	0.0047687993	0.0000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 97	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	13.100377635
##	SAMPLE 98	0.0000000000	0.0000000000	2.119237e-03	0.0005507309	0.000000000
##	SAMPLE 99	0.0036466927	0.0025889126	2.554000e-02	0.0106878280	0.000000000
##	SAMPLE 100	0.0000000000	0.0061721148	6.298195e-02	0.0025051526	0.000000000
##	SAMPLE 101	0.0000000000	0.0018867375	0.000000e+00	0.0033818054	13.298617182
##	SAMPLE 102	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.819461040
##	SAMPLE 103	0.0000000000	0.0000000000	1.119092e-02	0.0000000000	0.000000000
##	SAMPLE 104	0.0036517635	0.0000000000	0.000000e+00	0.0013761057	0.872771988
##	SAMPLE 105	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 106	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.495190915
##	SAMPLE 107	0.0000000000	0.0162218310	1.563401e-02	0.0999816952	0.000000000
##	SAMPLE 108	0.0000000000	0.0000000000	4.467232e-03	0.0000000000	13.743103233
##	SAMPLE 109	0.0000000000	0.0000000000	2.566642e-02	0.0000000000	0.000000000
##	SAMPLE 110	0.0000000000	0.0416033794	4.523753e-02	0.0000000000	0.247465016
##	SAMPLE 111	0.0065132312	0.0000000000	0.000000e+00	0.0000000000	0.844896901
##	SAMPLE 112	0.0000000000	0.0000000000	1.912019e-02	0.0000000000	0.802161034
##	SAMPLE 113	0.0000000000	0.0000000000	0.000000e+00	0.0479803362	0.000000000
##	SAMPLE 114	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	11.900907360
##	SAMPLE 115	0.0000000000	0.0000000000	0.000000e+00	0.0241731670	0.000000000
##	SAMPLE 116	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	11.792983185
##	SAMPLE 117	0.0025082821	0.0013797394	1.140870e-02	0.0121380149	0.000000000
##	SAMPLE 118	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.316107416
##	SAMPLE 119	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.000000000
##	SAMPLE 120	0.0000000000	0.0000000000	0.000000e+00	0.0022895144	0.000000000
##	SAMPLE 121	0.0066119099	0.0000000000	0.000000e+00	0.0000000000	0.000000000
##		OTU 442	OTU 445	OTU 448	OTU 451	OTU 453
##	SAMPLE 1	0.000000e+00	0.0549000714	1.587391e-02	0.0000000000	0.0000000000
##	SAMPLE 2	4.398928e-02	0.0102896879	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 3	0.000000e+00	0.0131374184	3.956807e-03	0.0000000000	0.0000000000
##	SAMPLE 4	0.000000e+00	0.0000000000	0.000000e+00	0.0197187381	0.0220000608
##	SAMPLE 5	0.000000e+00	0.0000000000	1.665281e-02	0.0000000000	0.0000000000
##	SAMPLE 6	0.000000e+00	0.0000000000	3.358823e-02	0.0456894295	0.0314791039
##	SAMPLE 7	0.000000e+00	0.1032105658	4.901827e-03	0.0000000000	0.0000000000
##	SAMPLE 8	6.044951e-01	0.0368659560	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 9	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 10	3.533728e-03	0.0135478703	2.052565e-03	0.0000000000	0.0000000000
##	SAMPLE 11	0.000000e+00	0.0138146122	2.429422e-02	0.0000000000	0.0000000000
##	SAMPLE 12	0.000000e+00	0.0054472396	1.607706e-01	0.0000000000	0.0000000000
##	SAMPLE 13	1.805978e-03	0.0066402366	3.454308e-03	0.0000000000	0.0000000000
##	SAMPLE 14	5.335019e-03	0.0000000000	0.000000e+00	0.3670940525	0.0000000000
##	SAMPLE 15	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE 16	1.355511e+01	0.0000000000	5.133240e-02	0.0017242922	0.0011114162
##	SAMPLE 17	0.000000e+00	0.0000000000	3.349693e-03	0.0000000000	0.0000000000
##	SAMPLE 18	0.000000e+00	0.0000000000	1.822078e-01	0.0000000000	0.0000000000

##	SAMPLE	19	0.000000e+00	0.0000000000	0.000000e+00	0.0331035832	0.0738724710
##	SAMPLE	20	0.000000e+00	0.0000000000	3.408252e-03	0.0000000000	0.0000000000
##	SAMPLE	21	0.000000e+00	0.1217609141	1.095808e-02	0.0000000000	0.0000000000
##	SAMPLE	22	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	23	0.000000e+00	0.1029454287	9.885780e-03	0.0000000000	0.0000000000
##	SAMPLE	24	0.000000e+00	0.0556327590	6.883719e-02	0.0541863437	0.0885774756
##	SAMPLE	25	8.766620e-01	0.0043417791	2.525441e-03	0.0000000000	0.0000000000
##	SAMPLE	26	3.559653e-02	0.0027673968	3.523462e-01	0.0000000000	0.0000000000
##	SAMPLE	27	2.483338e-02	0.0000000000	3.664315e-03	0.0000000000	0.0000000000
##	SAMPLE	28	0.000000e+00	0.0136150190	4.491773e-02	0.0000000000	0.0000000000
##	SAMPLE	29	0.000000e+00	0.0074773145	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	30	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	31	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	32	1.878704e-02	0.0338365656	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	33	1.931776e-01	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	34	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	35	0.000000e+00	0.0000000000	1.153024e-01	0.0000000000	0.0000000000
##	SAMPLE	36	1.230021e+01	0.0000000000	0.000000e+00	0.1583844288	0.0487923118
##	SAMPLE	37	0.000000e+00	0.0000000000	5.624164e-03	0.0043142575	0.0130402119
##	SAMPLE	38	0.000000e+00	0.0000000000	0.000000e+00	0.0093159339	0.0243730941
##	SAMPLE	39	6.831500e-02	0.0000000000	9.136423e-01	0.0009741430	0.0088434801
##	SAMPLE	40	0.000000e+00	0.0368480867	6.491905e-04	0.0000000000	0.0000000000
##	SAMPLE	41	0.000000e+00	0.0000000000	2.708878e-02	0.0042055408	0.0041990241
##	SAMPLE	42	0.000000e+00	0.0000000000	3.640711e-01	0.3435611538	0.0704977524
##	SAMPLE	43	0.000000e+00	0.0656668064	4.669828e-03	0.0000000000	0.0000000000
##	SAMPLE	44	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	45	0.000000e+00	0.0504923496	0.000000e+00	0.0000000000	0.0017855264
##	SAMPLE	46	1.755567e-01	0.0355465947	4.292287e-01	0.0945630487	0.0934192139
##	SAMPLE	47	1.704946e-01	0.1265942081	4.937292e-03	0.0000000000	0.0000000000
##	SAMPLE	48	0.000000e+00	0.0000000000	5.645126e-02	0.0000000000	0.0000000000
##	SAMPLE	49	0.000000e+00	0.0256332209	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	50	0.000000e+00	0.0000000000	5.946722e-03	0.0000000000	0.0000000000
##	SAMPLE	51	0.000000e+00	0.0171665043	5.298320e-02	0.0000000000	0.0000000000
##	SAMPLE	52	0.000000e+00	0.3846137410	7.022853e-03	0.0000000000	0.0000000000
##	SAMPLE	53	0.000000e+00	0.0593051922	5.454743e-03	0.0000000000	0.0000000000
##	SAMPLE	54	0.000000e+00	0.0000000000	2.201328e-02	0.0000000000	0.0008419126
##	SAMPLE	55	2.102962e-01	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	56	2.496839e-02	0.0000000000	2.630154e-03	0.0193247680	0.0000000000
##	SAMPLE	57	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	58	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	59	0.000000e+00	0.3868510125	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	60	1.280067e-01	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	61	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0119158177
##	SAMPLE	62	0.000000e+00	0.0294334088	0.000000e+00	0.0015179153	0.0100967281
##	SAMPLE	63	0.000000e+00	0.0000000000	1.395306e-02	0.0000000000	0.0000000000
##	SAMPLE	64	0.000000e+00	0.2966828860	5.901993e-02	0.0000000000	0.0000000000
##	SAMPLE	65	1.274149e+01	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	66	1.265234e+01	0.0296023021	8.395854e-03	0.0000000000	0.0000000000
##	SAMPLE	67	0.000000e+00	0.0113134078	0.000000e+00	0.0000000000	0.0006254081
##	SAMPLE	68	1.846476e-01	0.0000000000	0.000000e+00	0.0000000000	0.0045522310
##	SAMPLE	69	0.000000e+00	0.0000000000	2.871195e-01	0.0017628855	0.0036849542
##	SAMPLE	70	0.000000e+00	0.0000000000	0.000000e+00	0.2271742073	0.1144622156
##	SAMPLE	71	3.180787e-01	0.0000000000	1.147535e-02	0.0000000000	0.0000000000
##	SAMPLE	72	1.118955e-02	0.0016786825	1.763247e-03	0.0000000000	0.0000000000
##	SAMPLE	73	0.000000e+00	0.0013193675	4.540615e-03	0.0000000000	0.0000000000
##	SAMPLE	74	0.000000e+00	0.0223237602	0.000000e+00	0.0000000000	0.0000000000

##	SAMPLE	75	7.528811e-04	0.0000000000	1.338707e+01	0.0000000000	0.0000000000
##	SAMPLE	76	0.000000e+00	0.0467467479	9.494015e-03	0.0000000000	0.0085044620
##	SAMPLE	77	7.581662e-02	0.0026518917	5.147948e-03	0.1971839860	0.0775947322
##	SAMPLE	78	0.000000e+00	0.0034737486	3.543039e-02	0.0000000000	0.0000000000
##	SAMPLE	79	1.223923e+01	0.0055862671	5.433588e-02	0.0000000000	0.0004148694
##	SAMPLE	80	1.296899e+01	0.0426949041	1.734725e-03	0.0000000000	0.0000000000
##	SAMPLE	81	6.434846e-03	0.0282890142	2.166527e-03	0.0088657310	0.0047411322
##	SAMPLE	82	1.617261e-01	0.0099279665	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	83	0.000000e+00	0.0212003535	0.000000e+00	0.0028332441	0.0039203067
##	SAMPLE	84	0.000000e+00	0.0000000000	0.000000e+00	0.1663731745	0.0849601060
##	SAMPLE	85	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	86	0.000000e+00	0.0253373987	8.103933e-03	0.0000000000	0.0000000000
##	SAMPLE	87	0.000000e+00	0.0069021012	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	88	1.199993e+01	0.0085128685	1.174982e-02	0.0801460034	0.0152283466
##	SAMPLE	89	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	90	0.000000e+00	0.0008993678	1.057995e-02	0.0417931271	0.0406203828
##	SAMPLE	91	1.829245e-01	0.0000000000	5.413789e-02	0.0000000000	0.0000000000
##	SAMPLE	92	9.823380e-02	0.0193682878	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	93	0.000000e+00	0.0000000000	3.684704e-01	0.0000000000	0.0000000000
##	SAMPLE	94	6.751035e-02	0.0505337586	6.094683e-03	0.0164790899	0.0107146777
##	SAMPLE	95	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	96	3.032158e-01	0.2776923377	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	97	0.000000e+00	0.0035527940	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	98	1.483005e-01	0.0059365640	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	99	0.000000e+00	0.0289383320	1.861621e-02	0.0000000000	0.0000000000
##	SAMPLE	100	1.294047e+01	0.0088316785	6.269392e-03	0.0000000000	0.0014733011
##	SAMPLE	101	0.000000e+00	0.0231015105	4.545704e-03	0.0000000000	0.0007610194
##	SAMPLE	102	1.326943e-01	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	103	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0088596517
##	SAMPLE	104	0.000000e+00	0.1570865436	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	105	0.000000e+00	0.0765533288	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	106	2.396237e-03	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	107	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	108	0.000000e+00	0.0000000000	5.585097e-03	0.0000000000	0.0000000000
##	SAMPLE	109	6.665053e-03	0.0094403671	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	110	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	111	7.619893e-02	0.0000000000	8.150076e-03	0.0178852812	0.0213734588
##	SAMPLE	112	0.000000e+00	0.1204943300	1.357901e-03	0.0000000000	0.0000000000
##	SAMPLE	113	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	114	1.663437e-01	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	115	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	116	0.000000e+00	0.0000000000	3.697171e-04	0.0000000000	0.0000000000
##	SAMPLE	117	1.180516e+01	0.0218855290	5.223440e-03	0.0001666213	0.0017956665
##	SAMPLE	118	0.000000e+00	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	119	0.000000e+00	0.0421168493	3.246485e-02	0.0000000000	0.0000000000
##	SAMPLE	120	0.000000e+00	0.3623256129	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	121	0.000000e+00	0.0230233819	0.000000e+00	0.0004325467	0.0095028342
##			OTU 459	OTU 467	OTU 471	OTU 476	OTU 480
##	SAMPLE	1	0.0000000000	13.213170318	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	2	0.0000000000	12.029908375	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	3	0.356890253	0.0000000000	1.412194e+01	0.026601322	0.0000000000
##	SAMPLE	4	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	5	0.0000000000	0.0000000000	1.180027e+01	0.0000000000	0.0000000000
##	SAMPLE	6	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	7	0.0000000000	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	8	0.0000000000	12.954339121	0.000000e+00	0.0000000000	0.0000000000

## SAMPLE 9	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 10	0.000000000	12.416496696	0.000000e+00	0.000000000	0.004193373
## SAMPLE 11	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 12	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 13	0.000000000	0.008587897	0.000000e+00	0.000000000	0.000000000
## SAMPLE 14	0.000000000	12.936278099	0.000000e+00	0.000000000	0.000000000
## SAMPLE 15	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 16	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 17	0.000000000	0.000000000	6.453941e-01	0.000000000	0.005347371
## SAMPLE 18	0.000000000	0.000000000	1.437095e-01	0.205222125	0.000000000
## SAMPLE 19	0.000000000	0.000000000	6.061202e-02	0.000000000	0.000000000
## SAMPLE 20	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 21	0.000000000	13.145507342	1.773194e-03	0.000000000	0.000000000
## SAMPLE 22	12.380508057	12.357701845	0.000000e+00	12.959051567	12.523596508
## SAMPLE 23	0.000000000	12.640410116	0.000000e+00	0.000000000	0.000000000
## SAMPLE 24	0.456768138	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 25	0.000000000	0.000000000	1.084955e+01	0.000000000	0.000000000
## SAMPLE 26	0.000000000	13.227502159	0.000000e+00	0.000000000	0.050966569
## SAMPLE 27	0.856800061	12.556305587	0.000000e+00	0.000000000	0.000000000
## SAMPLE 28	0.000000000	11.230998769	0.000000e+00	0.000000000	0.000000000
## SAMPLE 29	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 30	0.000000000	0.000000000	2.721613e-03	0.000000000	0.000000000
## SAMPLE 31	0.000000000	0.000000000	4.309746e-02	0.000000000	0.000000000
## SAMPLE 32	12.203355814	0.000000000	8.948042e-03	0.000000000	0.061260834
## SAMPLE 33	0.000000000	0.000000000	1.328370e+01	0.000000000	0.000000000
## SAMPLE 34	13.019569612	0.000000000	0.000000e+00	0.502004726	0.039169428
## SAMPLE 35	0.000000000	0.240749051	0.000000e+00	0.064919055	0.000000000
## SAMPLE 36	0.000000000	12.408884436	0.000000e+00	0.000000000	0.000000000
## SAMPLE 37	0.000000000	0.000000000	1.401125e+01	0.000000000	0.000000000
## SAMPLE 38	0.000000000	11.861661824	0.000000e+00	0.000000000	0.000000000
## SAMPLE 39	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 40	0.001777778	12.464499670	8.049335e-04	0.000000000	0.000000000
## SAMPLE 41	0.000000000	0.000000000	3.261469e-02	0.000000000	0.000000000
## SAMPLE 42	0.000000000	13.538363226	1.998978e-02	0.000000000	0.000000000
## SAMPLE 43	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 44	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 45	0.000000000	0.000000000	1.270671e+01	0.000000000	0.000000000
## SAMPLE 46	0.000000000	0.774847429	0.000000e+00	0.007592735	0.043090089
## SAMPLE 47	0.000000000	10.910340317	0.000000e+00	0.000000000	0.000000000
## SAMPLE 48	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 49	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 50	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 51	0.007810784	0.000000000	1.144376e-01	0.000000000	0.000000000
## SAMPLE 52	0.000000000	0.000000000	0.000000e+00	0.000000000	0.009291640
## SAMPLE 53	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 54	0.000000000	0.002505739	0.000000e+00	0.000000000	0.000000000
## SAMPLE 55	0.000000000	12.510899691	0.000000e+00	0.000000000	0.000000000
## SAMPLE 56	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 57	0.000000000	0.000000000	0.000000e+00	11.126511558	0.000000000
## SAMPLE 58	0.000000000	0.000000000	1.383491e+01	0.000000000	0.000000000
## SAMPLE 59	0.000000000	12.679641521	0.000000e+00	0.000000000	0.000000000
## SAMPLE 60	0.008590602	13.260697826	0.000000e+00	0.000000000	0.000000000
## SAMPLE 61	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
## SAMPLE 62	0.000000000	0.000000000	1.309960e+01	0.000000000	0.000000000
## SAMPLE 63	0.000000000	0.000000000	5.580567e-02	0.000000000	0.000000000
## SAMPLE 64	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000

##	SAMPLE	65	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	66	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	67	0.000000000	12.360242658	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	68	0.000000000	0.001622435	7.726163e-01	0.000000000	0.005793799
##	SAMPLE	69	0.000000000	0.352693967	0.000000e+00	0.000000000	0.086227529
##	SAMPLE	70	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	71	0.000000000	0.000000000	1.033103e-02	0.000000000	0.000000000
##	SAMPLE	72	0.048609001	12.022256008	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	73	0.416297840	0.007520308	0.000000e+00	0.014027700	0.000000000
##	SAMPLE	74	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	75	0.438215729	0.643839253	0.000000e+00	0.273276273	0.233118947
##	SAMPLE	76	0.000000000	0.000000000	1.834840e-03	0.000000000	0.000000000
##	SAMPLE	77	0.097445862	0.000000000	0.000000e+00	0.326274037	0.000000000
##	SAMPLE	78	0.622068069	12.937184632	0.000000e+00	0.000000000	0.003900930
##	SAMPLE	79	0.000000000	0.000000000	8.502050e-01	0.000000000	0.000000000
##	SAMPLE	80	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	81	0.000000000	10.398868523	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	82	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	83	0.000000000	11.998069596	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	84	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	85	0.000000000	12.302533773	0.000000e+00	0.098330738	0.041891176
##	SAMPLE	86	0.000000000	0.013497716	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	87	0.000000000	12.680030503	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	88	0.000000000	12.178706062	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	89	0.000000000	0.000000000	8.612971e-03	0.000000000	0.000000000
##	SAMPLE	90	0.000000000	12.275896032	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	91	0.000000000	13.675416090	1.098240e-01	0.000000000	0.000000000
##	SAMPLE	92	0.000000000	13.662125652	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	93	0.000000000	0.000000000	1.332203e+01	0.000000000	0.000000000
##	SAMPLE	94	12.742287634	12.856444174	0.000000e+00	0.543858051	0.091890876
##	SAMPLE	95	0.000000000	0.000000000	1.378402e+01	0.000000000	0.000000000
##	SAMPLE	96	13.162021105	0.000000000	4.505166e-01	0.000000000	0.363545493
##	SAMPLE	97	0.121425777	12.242444537	0.000000e+00	0.036326838	0.000000000
##	SAMPLE	98	0.000000000	0.000000000	4.409079e-01	0.000000000	0.000000000
##	SAMPLE	99	0.165487132	0.000000000	4.490309e-01	0.000000000	0.000000000
##	SAMPLE	100	0.000000000	0.306707093	0.000000e+00	11.395877487	0.000000000
##	SAMPLE	101	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	102	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	103	0.202114970	0.000000000	1.235681e+01	0.000000000	0.000000000
##	SAMPLE	104	0.001109248	0.024524852	7.412655e-03	0.000000000	0.007014752
##	SAMPLE	105	0.008504769	0.003680101	1.354806e+01	0.000000000	0.000000000
##	SAMPLE	106	0.000000000	0.301372050	0.000000e+00	11.886564093	0.000000000
##	SAMPLE	107	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	108	0.000000000	0.000000000	0.000000e+00	0.000000000	0.051011408
##	SAMPLE	109	14.328427583	0.000000000	0.000000e+00	0.163411291	0.000000000
##	SAMPLE	110	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	111	0.714456195	0.000000000	0.000000e+00	9.227189219	12.303235290
##	SAMPLE	112	0.018975283	0.000000000	0.000000e+00	0.475358304	0.000000000
##	SAMPLE	113	0.000000000	0.364412762	0.000000e+00	9.267578281	0.038643174
##	SAMPLE	114	0.294183655	0.000000000	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	115	0.144124570	0.000000000	1.301372e+01	0.000000000	0.092737178
##	SAMPLE	116	0.000000000	0.000000000	1.403946e+01	0.000000000	0.000000000
##	SAMPLE	117	0.000000000	0.215487514	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	118	0.000000000	13.316421206	0.000000e+00	0.306016005	0.139724150
##	SAMPLE	119	0.000000000	13.015902890	0.000000e+00	0.000000000	0.000000000
##	SAMPLE	120	0.000000000	12.652273315	0.000000e+00	0.000000000	0.000000000

##	SAMPLE 121	0.000000000	0.000000000	0.000000e+00	0.000000000	0.000000000
##		OTU 482	OTU 484	OTU 486	OTU 488	OTU 496
##	SAMPLE 1	0.0145569179	0.0000000000	9.587660e-03	6.739113e-03	0.0000000000
##	SAMPLE 2	0.0000000000	0.0000000000	1.004903e-01	0.000000e+00	0.0000000000
##	SAMPLE 3	0.0012260926	0.0016129677	4.028337e-02	3.884344e-02	0.0000000000
##	SAMPLE 4	0.0044201354	0.0000000000	9.115473e-02	2.364518e-02	0.017961343
##	SAMPLE 5	0.0000000000	0.0000000000	1.761896e-03	4.929435e-03	0.0000000000
##	SAMPLE 6	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE 7	0.0200280800	0.0011031201	9.109610e-02	1.616750e-02	0.0000000000
##	SAMPLE 8	0.0000000000	0.0000000000	1.269005e-02	7.693323e-03	0.0000000000
##	SAMPLE 9	0.0000000000	0.0000000000	0.000000e+00	5.189871e-03	0.0000000000
##	SAMPLE 10	0.0000000000	0.0000000000	4.959648e-02	2.115682e-02	0.0000000000
##	SAMPLE 11	0.0393045984	0.0003666205	4.260860e-02	1.400126e-02	0.0000000000
##	SAMPLE 12	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE 13	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE 14	0.0000000000	0.0000000000	0.000000e+00	4.387261e-03	0.0000000000
##	SAMPLE 15	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE 16	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE 17	0.0000000000	0.0000000000	1.087617e-03	5.666147e-04	0.0000000000
##	SAMPLE 18	0.2409731566	0.6400643197	7.669437e-01	1.050921e+01	0.096792311
##	SAMPLE 19	0.1022607491	0.0374380284	1.273038e+01	1.240073e+01	0.123334594
##	SAMPLE 20	0.0160741912	0.0000000000	6.369917e-02	1.778388e-02	0.0000000000
##	SAMPLE 21	0.0000000000	0.0000000000	2.388151e-03	5.812689e-03	0.0000000000
##	SAMPLE 22	0.1250914918	0.0306874973	3.097256e-02	1.840622e-02	0.000991733
##	SAMPLE 23	0.0002198332	0.0000000000	0.000000e+00	3.970153e-03	0.0000000000
##	SAMPLE 24	0.0323735144	0.0281615529	1.362847e-01	2.707104e-02	0.021055342
##	SAMPLE 25	0.0045869773	0.0026564585	6.774752e-03	1.710988e-02	0.0000000000
##	SAMPLE 26	0.0000000000	0.0000000000	0.000000e+00	1.262148e-02	0.158242797
##	SAMPLE 27	0.0028069341	0.0000000000	2.531191e-03	1.626834e-03	0.0000000000
##	SAMPLE 28	0.0131706012	0.0000000000	1.760922e-03	9.200736e-03	0.015004964
##	SAMPLE 29	0.0000000000	0.0000000000	0.000000e+00	1.660876e-03	0.0000000000
##	SAMPLE 30	0.0000000000	0.0000000000	2.248797e-04	3.881989e-03	0.0000000000
##	SAMPLE 31	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE 32	0.0000000000	0.0000000000	0.000000e+00	8.598185e-03	0.0000000000
##	SAMPLE 33	0.0000000000	0.0000000000	7.876932e-03	1.064333e-01	0.0000000000
##	SAMPLE 34	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE 35	0.0000000000	0.0000000000	0.000000e+00	6.399857e-05	0.0000000000
##	SAMPLE 36	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE 37	0.0000000000	0.0000000000	2.951161e-03	0.000000e+00	0.0000000000
##	SAMPLE 38	0.0066050078	0.0084523784	6.345941e-02	3.098619e-01	0.0000000000
##	SAMPLE 39	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.135371053
##	SAMPLE 40	0.1600077957	0.0424032059	4.650290e-02	4.154762e-01	0.023096664
##	SAMPLE 41	0.0091200174	0.0038535808	3.900435e-02	1.044849e-02	0.0000000000
##	SAMPLE 42	0.4507015625	0.0935394598	2.020679e-01	1.200295e-01	0.908786462
##	SAMPLE 43	0.0024154670	0.0038023708	2.027141e-02	1.471359e-02	0.0000000000
##	SAMPLE 44	0.0000000000	0.0000000000	0.000000e+00	4.397053e-03	0.0000000000
##	SAMPLE 45	0.0095160547	0.0000000000	3.214368e-02	4.443750e-02	0.0000000000
##	SAMPLE 46	0.0000000000	0.0000000000	2.538954e-02	9.942820e-04	0.170296796
##	SAMPLE 47	0.0264055810	0.0162309104	7.979185e-02	2.000894e-02	0.025908798
##	SAMPLE 48	0.0000000000	0.0000000000	3.157147e-02	6.376633e-03	0.0000000000
##	SAMPLE 49	0.0000000000	0.0000000000	8.564652e-03	3.113835e-03	0.0000000000
##	SAMPLE 50	0.0064396088	0.0036346959	1.736467e-01	2.802815e-01	0.0000000000
##	SAMPLE 51	0.0710521462	0.0198235687	1.397109e-01	0.000000e+00	0.0000000000
##	SAMPLE 52	0.0000000000	0.0000000000	0.000000e+00	1.039352e-02	0.0000000000
##	SAMPLE 53	0.0000000000	0.0000000000	0.000000e+00	2.380550e-03	0.0000000000
##	SAMPLE 54	0.1008311054	0.0140108553	1.070677e-02	1.934643e-01	0.0000000000

##	SAMPLE	55	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	56	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	57	0.0000000000	0.0000000000	0.000000e+00	1.722211e-02	0.0000000000
##	SAMPLE	58	0.0000000000	0.0000000000	7.558377e-03	1.110059e-02	0.0000000000
##	SAMPLE	59	0.0045260600	0.0000000000	0.000000e+00	4.642483e-02	0.0000000000
##	SAMPLE	60	0.0000000000	0.0000000000	1.006048e-03	1.637903e-03	0.0000000000
##	SAMPLE	61	0.0066440190	0.0012099343	1.685251e-01	5.871555e-02	0.0000000000
##	SAMPLE	62	0.0000000000	0.0042741265	2.115103e-01	2.448788e-01	0.0000000000
##	SAMPLE	63	0.1148796920	0.0033584775	1.773702e-01	1.393076e-01	0.0000000000
##	SAMPLE	64	0.0516742142	0.0645032530	1.397586e+01	1.184094e+01	0.0000000000
##	SAMPLE	65	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	66	0.0000000000	0.0000000000	0.000000e+00	4.976823e-04	0.0000000000
##	SAMPLE	67	0.0000000000	0.0051417333	3.073622e-02	3.005652e-02	0.0000000000
##	SAMPLE	68	0.1309502218	0.0216247514	4.209876e-01	5.930487e-02	0.0000000000
##	SAMPLE	69	0.0000000000	0.0000000000	0.000000e+00	3.867448e-04	0.383344287
##	SAMPLE	70	0.0000000000	0.0000000000	0.000000e+00	5.400268e-03	0.148717817
##	SAMPLE	71	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	72	0.0229592140	0.0079172477	4.820546e-02	2.228288e-02	0.0000000000
##	SAMPLE	73	0.0000000000	0.0000000000	9.314989e-04	6.957471e-03	0.0000000000
##	SAMPLE	74	0.0000000000	0.0000000000	8.621530e-02	5.346582e-03	0.0000000000
##	SAMPLE	75	0.0450834835	0.0125312810	2.020742e-03	3.148701e-02	1.123070642
##	SAMPLE	76	0.0000000000	0.0000000000	1.530551e-02	2.670979e-03	0.0000000000
##	SAMPLE	77	0.2892436519	0.0517578403	3.711422e-02	1.207249e+01	0.010491614
##	SAMPLE	78	0.0000000000	0.0564279108	4.572904e-02	1.030872e-01	0.080026793
##	SAMPLE	79	0.0000000000	0.0000000000	7.633635e-03	3.300360e-03	0.005049686
##	SAMPLE	80	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	81	0.0000000000	0.0000000000	4.518897e-03	4.125102e-03	0.0000000000
##	SAMPLE	82	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	83	0.0392361877	0.0053656692	3.301432e-02	6.890370e-02	0.0000000000
##	SAMPLE	84	0.0077194184	0.0000000000	7.205349e-02	4.928988e-02	0.0000000000
##	SAMPLE	85	0.0000000000	0.0000000000	0.000000e+00	5.954106e-03	0.072066274
##	SAMPLE	86	0.0000000000	0.0000000000	3.246134e-03	1.223024e-02	0.0000000000
##	SAMPLE	87	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.024304402
##	SAMPLE	88	0.0000000000	0.0000000000	2.082090e-03	3.538221e-03	0.0000000000
##	SAMPLE	89	0.0000000000	0.0000000000	1.347658e+01	0.000000e+00	0.0000000000
##	SAMPLE	90	0.0000000000	0.0000000000	2.159805e-03	4.802901e-03	0.0000000000
##	SAMPLE	91	0.0033826545	0.0000000000	8.794608e-03	8.025652e-03	0.0000000000
##	SAMPLE	92	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	93	0.0000000000	0.0000000000	7.224611e-02	1.470340e-03	0.188497118
##	SAMPLE	94	0.0000000000	0.0000000000	3.656857e-04	3.807021e-03	0.0000000000
##	SAMPLE	95	0.0009607899	0.0000000000	9.185697e-03	9.069278e-03	0.0000000000
##	SAMPLE	96	0.0122861667	0.0000000000	8.434527e-02	4.537348e-02	0.0000000000
##	SAMPLE	97	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	98	0.0000000000	0.0003398485	3.440023e-03	5.913261e-03	0.0000000000
##	SAMPLE	99	0.0000000000	0.0000000000	0.000000e+00	1.342242e-03	0.0000000000
##	SAMPLE	100	0.0000000000	0.0000000000	3.785853e-03	1.729837e-03	0.0000000000
##	SAMPLE	101	0.0000000000	0.0000000000	0.000000e+00	2.575688e-03	0.0000000000
##	SAMPLE	102	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	103	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	104	0.0074330560	0.0000000000	0.000000e+00	8.534094e-03	0.0000000000
##	SAMPLE	105	0.0068802815	0.0000000000	1.209751e-02	1.850414e-02	0.0000000000
##	SAMPLE	106	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	107	0.0000000000	0.0000000000	1.183049e+01	1.110029e+01	0.0000000000
##	SAMPLE	108	0.0000000000	0.0000000000	1.730554e-02	1.871367e-02	0.047963241
##	SAMPLE	109	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	110	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000

##	SAMPLE	111	0.0216424262	0.0000000000	9.743340e-02	1.339114e-02	0.0000000000
##	SAMPLE	112	0.0362876575	0.0230537551	4.287488e-02	7.298100e-02	0.0000000000
##	SAMPLE	113	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	114	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00	0.0000000000
##	SAMPLE	115	0.0000000000	0.0000000000	2.196556e-02	1.758419e-02	0.0000000000
##	SAMPLE	116	0.0000000000	0.0000000000	0.000000e+00	8.894005e-04	0.0000000000
##	SAMPLE	117	0.0004997807	0.0000000000	0.000000e+00	1.070653e-03	0.0000000000
##	SAMPLE	118	0.0000000000	0.0000000000	0.000000e+00	1.619778e-03	0.0000000000
##	SAMPLE	119	0.0000000000	0.0000000000	0.000000e+00	4.000845e-02	0.0000000000
##	SAMPLE	120	0.0000000000	0.0000000000	2.022032e-02	2.303988e-03	0.0000000000
##	SAMPLE	121	0.0000000000	0.0000000000	0.000000e+00	2.742300e-03	0.0000000000
##			OTU 505	OTU 513	OTU 517	OTU 529	OTU 530
##	SAMPLE	1	0.2858372831	0.1081568137	0.0000000000	1.905872e-01	0.0500699574
##	SAMPLE	2	0.0000000000	0.0000000000	0.0000000000	2.172407e-02	0.0019596458
##	SAMPLE	3	0.0000000000	0.0000000000	12.052908749	1.651565e-01	0.0543863405
##	SAMPLE	4	0.0000000000	0.0000000000	0.0000000000	1.481259e-01	0.0367096252
##	SAMPLE	5	0.0008024419	0.0386448105	0.0000000000	1.280658e-01	0.0544470813
##	SAMPLE	6	0.0000000000	0.0000000000	0.0000000000	1.839164e-02	0.0448063515
##	SAMPLE	7	0.0000000000	0.0000000000	0.0000000000	3.187034e-01	0.1159477899
##	SAMPLE	8	0.0000000000	0.0000000000	0.538297279	2.258407e-02	0.3754614456
##	SAMPLE	9	0.1680058870	0.0107032084	0.0000000000	7.756465e-02	0.0000000000
##	SAMPLE	10	0.0000000000	0.0041255793	0.161663073	4.223133e-02	0.0092403377
##	SAMPLE	11	0.0000000000	0.0000000000	0.0000000000	6.792014e-02	0.0198627874
##	SAMPLE	12	0.0094212189	0.0055610013	0.0000000000	1.190639e+01	0.1225119566
##	SAMPLE	13	0.0733317274	0.1188693645	0.0000000000	8.772786e-02	0.0002452883
##	SAMPLE	14	0.0235248168	0.0259505058	0.609484422	5.562354e-02	0.0138865296
##	SAMPLE	15	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	16	0.0000000000	0.2534668994	0.0000000000	1.211241e-01	0.0258889594
##	SAMPLE	17	0.0788121401	0.2076477351	0.0000000000	9.635724e-02	0.0066093799
##	SAMPLE	18	0.0000000000	0.0000000000	0.519351382	3.675630e-01	0.0476719015
##	SAMPLE	19	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	20	0.0000000000	0.0000000000	0.081821879	0.000000e+00	0.0000000000
##	SAMPLE	21	0.0495074305	0.2687034589	0.009689473	0.000000e+00	0.0000000000
##	SAMPLE	22	0.0000000000	0.0000000000	0.087894275	1.417656e-01	0.0374536820
##	SAMPLE	23	0.0091780223	0.0153404543	0.0000000000	2.413771e-01	0.1547738490
##	SAMPLE	24	0.0060226561	0.0150102734	0.001683730	5.880694e-03	0.0000000000
##	SAMPLE	25	0.2136060425	0.0177230587	0.0000000000	2.801808e-02	0.0784013070
##	SAMPLE	26	0.0229438137	0.0313905068	0.0000000000	1.409013e-01	0.0006541041
##	SAMPLE	27	0.0000000000	0.0000000000	0.0000000000	6.053767e-02	0.0118640511
##	SAMPLE	28	0.0000000000	0.0000000000	0.003889451	2.336170e-02	0.5393880509
##	SAMPLE	29	0.0020379639	0.0056758307	0.0000000000	2.908427e-02	0.0043476618
##	SAMPLE	30	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	31	0.0000000000	0.0000000000	0.0000000000	1.183911e+01	0.0067383275
##	SAMPLE	32	0.0000000000	0.0314681296	0.0000000000	1.016709e-01	0.0146064646
##	SAMPLE	33	0.0611861603	0.0196299937	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	34	0.0000000000	0.0000000000	0.0000000000	2.933742e-01	0.0647542585
##	SAMPLE	35	0.0001137724	0.1086138142	0.0000000000	9.413423e-03	0.0113839555
##	SAMPLE	36	0.1129938382	0.0606889186	0.0000000000	3.941463e-02	0.0048400297
##	SAMPLE	37	0.0104380746	0.0074064759	0.0000000000	9.121673e-03	0.0000000000
##	SAMPLE	38	0.0196726246	0.0637195506	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	39	0.0106637336	0.0035672278	0.0000000000	9.719007e-02	0.0437583059
##	SAMPLE	40	0.0000000000	0.0000000000	0.0000000000	2.198554e-02	0.0000000000
##	SAMPLE	41	0.0069777790	0.0055210344	0.0000000000	2.215963e-02	0.0041012692
##	SAMPLE	42	0.0012146058	0.0006479733	0.487596416	6.219529e-02	0.0225279726
##	SAMPLE	43	0.0368997614	0.0581873747	0.0000000000	1.170622e-01	0.0116082296
##	SAMPLE	44	0.0000000000	0.0000000000	0.0000000000	2.360230e-02	0.0000000000

##	SAMPLE	45	0.0066437685	0.1971471448	0.000000000	5.310990e-01	0.1816231751
##	SAMPLE	46	0.0152755883	0.0098097369	0.000000000	3.098143e-02	0.0119257580
##	SAMPLE	47	0.0000000000	0.000000000	0.000000000	7.607363e-02	0.0309528055
##	SAMPLE	48	0.0401027062	0.0373414393	0.000000000	3.992048e-01	0.1309270775
##	SAMPLE	49	0.0922198250	0.0682827457	12.399092901	2.712337e-01	0.1025675146
##	SAMPLE	50	0.2141743060	0.2187466056	0.000000000	6.699421e-02	0.1866608408
##	SAMPLE	51	0.0000000000	0.000000000	0.000000000	2.691996e-02	0.0091526864
##	SAMPLE	52	0.0000000000	0.000000000	0.000000000	1.112680e-01	0.0439038660
##	SAMPLE	53	0.0000000000	0.000000000	0.000000000	5.402820e-02	0.0200782231
##	SAMPLE	54	0.1175723950	0.0731904753	0.000000000	6.081107e-02	0.0198839895
##	SAMPLE	55	0.0000000000	0.000000000	0.016248555	0.000000e+00	0.0000000000
##	SAMPLE	56	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	57	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	58	0.0225446420	0.0538782619	0.000000000	1.052811e-01	0.0145521347
##	SAMPLE	59	0.0000000000	0.000000000	0.029861790	6.735569e-02	0.0022097119
##	SAMPLE	60	0.0514268742	0.0043474778	0.690345084	1.191750e-01	0.0151837648
##	SAMPLE	61	0.0057081872	0.0183640061	0.000000000	1.142754e-03	0.0000000000
##	SAMPLE	62	0.0541049653	0.0088263135	0.000000000	1.577532e-02	0.0000000000
##	SAMPLE	63	0.1047826792	0.0643580007	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	64	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	65	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	66	0.1934793368	0.0612499953	0.000000000	2.002486e-01	0.07111111057
##	SAMPLE	67	0.0092163340	0.0160855792	0.000000000	6.289277e-02	0.0000000000
##	SAMPLE	68	0.0931377998	0.2597840514	0.000000000	3.052546e-01	0.0565821205
##	SAMPLE	69	0.0000000000	0.000000000	0.056081258	9.538081e-02	0.0174638728
##	SAMPLE	70	0.0108312474	0.0987425525	0.000000000	6.911972e-02	0.0049738831
##	SAMPLE	71	0.0000000000	0.0059976818	0.168527377	1.012324e-01	0.0100885306
##	SAMPLE	72	0.0000000000	0.000000000	0.004156285	0.000000e+00	0.0000000000
##	SAMPLE	73	0.0000000000	0.0004348075	0.058445622	1.792172e-01	0.0290992219
##	SAMPLE	74	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	75	0.0000000000	0.000000000	0.014505674	1.409758e-01	0.0596841944
##	SAMPLE	76	0.0000000000	0.000000000	0.000000000	1.677065e-02	0.0012829604
##	SAMPLE	77	0.0000000000	0.000000000	0.000000000	6.803200e-02	0.0176458662
##	SAMPLE	78	0.0145950805	0.0326315971	0.302755779	2.851529e-02	0.0057499449
##	SAMPLE	79	0.0014651023	0.0413347991	0.000000000	1.117079e-01	0.0205083700
##	SAMPLE	80	0.0000000000	0.000000000	0.000000000	2.164087e-01	0.0000000000
##	SAMPLE	81	0.0008161847	0.0073724498	0.000000000	2.441201e-02	0.0107228913
##	SAMPLE	82	0.0000000000	0.000000000	0.248537848	0.000000e+00	0.0000000000
##	SAMPLE	83	0.0000000000	0.000000000	12.287248485	8.747474e-02	0.0176169407
##	SAMPLE	84	0.0170579126	0.0937847563	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	85	0.0000000000	0.000000000	0.000000000	2.546781e-01	0.1255113967
##	SAMPLE	86	0.0260199482	0.0491283470	0.000000000	4.167604e-04	0.0000000000
##	SAMPLE	87	0.0130317176	0.0333572497	0.662046632	2.563984e-01	0.0914325740
##	SAMPLE	88	0.0695032808	0.1028332500	0.000000000	1.150309e-02	0.0000000000
##	SAMPLE	89	0.0000000000	0.000000000	0.424496387	1.315159e-01	0.0482265650
##	SAMPLE	90	0.0000000000	0.000000000	0.000000000	2.700136e-02	0.0106463878
##	SAMPLE	91	0.0087110545	0.0201263915	0.496688173	2.587450e-01	0.1723389762
##	SAMPLE	92	0.0000000000	0.000000000	0.343184324	3.836856e-02	0.0110130070
##	SAMPLE	93	0.0000000000	0.000000000	0.000000000	8.646066e-02	0.0168159454
##	SAMPLE	94	0.0211793621	0.0368459586	0.657432042	2.409321e-03	0.0000000000
##	SAMPLE	95	0.5820361965	0.3555958366	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	96	0.0000000000	0.000000000	0.000000000	1.340725e-01	0.0307086621
##	SAMPLE	97	0.0000000000	0.000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	98	0.3765471670	0.1523043816	0.000000000	7.665809e-02	0.0084617551
##	SAMPLE	99	0.1457956449	0.0022137344	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	100	0.0008805737	0.0026271948	0.000000000	7.211956e-02	0.0047970572

##	SAMPLE	101	0.1036103429	0.1659439765	0.000000000	6.053402e-02	0.0182687676
##	SAMPLE	102	0.0283669056	0.0102023619	0.158910028	0.000000e+00	0.0000000000
##	SAMPLE	103	0.0278766434	0.0700041696	0.000000000	2.593705e-02	0.0000000000
##	SAMPLE	104	0.0010681868	0.0000000000	0.062365727	4.588523e-01	0.0669126236
##	SAMPLE	105	0.0275324362	0.1455830498	0.000000000	4.417571e-01	0.0623973410
##	SAMPLE	106	0.0000000000	0.0000000000	11.127466308	5.707845e-02	0.0000000000
##	SAMPLE	107	0.0000000000	0.0179299029	0.000000000	2.165086e-02	0.0047126773
##	SAMPLE	108	0.0000000000	0.0000000000	0.000000000	8.872567e-02	0.1122618239
##	SAMPLE	109	0.0220184201	0.0298973910	0.000000000	1.027191e+01	0.3605342618
##	SAMPLE	110	0.0000000000	0.0000000000	0.000000000	1.140391e+01	0.2461455761
##	SAMPLE	111	0.0000000000	0.0000000000	0.000000000	9.822042e-03	0.0000000000
##	SAMPLE	112	0.0000000000	0.0000000000	0.173431020	1.064320e-01	0.0425352259
##	SAMPLE	113	0.0000000000	0.0000000000	0.180103536	4.580065e-02	0.0111503318
##	SAMPLE	114	0.0000000000	0.0588261795	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	115	0.0000000000	0.0000000000	0.000000000	1.111266e-01	0.0376384853
##	SAMPLE	116	0.0830740145	0.2165938734	0.000000000	1.715035e-01	0.0871176112
##	SAMPLE	117	0.0000000000	0.0000000000	0.000000000	4.643087e-03	0.0005116772
##	SAMPLE	118	0.0000000000	0.0000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	119	0.0000000000	0.0000000000	0.000000000	0.000000e+00	0.0000000000
##	SAMPLE	120	0.0000000000	0.0546646643	0.000000000	1.901638e-01	0.0323585861
##	SAMPLE	121	0.0003604685	0.0163657650	0.481088394	1.259906e-02	0.0070893394
##			OTU 533	OTU 535	OTU 560	OTU 562	OTU 572
##	SAMPLE	1	0.005001892	0.000000000	0.081903936	1.701738e-02	0.007885536
##	SAMPLE	2	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	3	0.000000000	0.000000000	0.042860136	2.283197e-03	0.120965724
##	SAMPLE	4	0.000000000	0.000000000	0.393155857	0.000000e+00	0.130077217
##	SAMPLE	5	0.005459656	0.000000000	12.117138539	0.000000e+00	0.004647845
##	SAMPLE	6	0.000000000	0.000000000	13.811342339	0.000000e+00	0.112025881
##	SAMPLE	7	0.000000000	0.000000000	0.109883968	1.643525e-02	0.129176109
##	SAMPLE	8	0.000000000	0.481886169	0.000000000	1.978625e-03	0.000000000
##	SAMPLE	9	0.000000000	0.000000000	0.132802674	6.105010e-03	0.000000000
##	SAMPLE	10	0.000000000	0.049396220	14.753458844	0.000000e+00	0.366830561
##	SAMPLE	11	0.005214637	0.007905682	0.000000000	0.000000e+00	0.113361711
##	SAMPLE	12	0.421247514	0.000000000	13.218347450	4.295639e-01	0.000000000
##	SAMPLE	13	0.034042553	0.000000000	0.642571755	5.650699e-02	0.000000000
##	SAMPLE	14	0.007522214	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	15	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	16	0.001966912	0.000000000	0.210764007	0.000000e+00	0.004123635
##	SAMPLE	17	0.000000000	0.000000000	0.057262068	1.864209e-02	0.000000000
##	SAMPLE	18	0.000000000	0.000000000	0.701355223	1.325319e-03	12.762784756
##	SAMPLE	19	0.000000000	0.000000000	12.420443682	0.000000e+00	0.292042251
##	SAMPLE	20	0.000000000	0.000000000	0.020065175	2.441953e-02	0.154924245
##	SAMPLE	21	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	22	0.000000000	0.290543738	13.210630577	4.257328e-02	0.001193632
##	SAMPLE	23	0.000000000	0.181876142	0.006178106	5.496284e-05	0.000000000
##	SAMPLE	24	0.000000000	0.000000000	0.820095279	0.000000e+00	0.011359966
##	SAMPLE	25	0.000000000	0.000000000	0.000000000	0.000000e+00	0.019302673
##	SAMPLE	26	0.019948840	0.116305465	0.031912569	3.563526e-03	0.000000000
##	SAMPLE	27	0.000000000	0.077254850	0.003756133	4.666212e-03	0.000000000
##	SAMPLE	28	0.000000000	0.418277428	12.353966041	0.000000e+00	0.120406755
##	SAMPLE	29	0.000000000	0.000000000	9.837631395	9.256844e-03	0.009525059
##	SAMPLE	30	0.000000000	0.000000000	0.041184177	1.579002e-02	0.017325486
##	SAMPLE	31	0.000000000	14.669937037	0.296451670	2.889953e-02	0.000000000
##	SAMPLE	32	0.034200443	0.002303218	12.165137043	2.219749e-01	0.000000000
##	SAMPLE	33	0.000000000	0.000000000	0.249911420	0.000000e+00	0.256375948
##	SAMPLE	34	0.000000000	0.000000000	0.014999179	0.000000e+00	0.000000000

##	SAMPLE	35	0.000000000	0.007340177	0.037544450	7.036587e-03	0.000000000
##	SAMPLE	36	0.000000000	0.000000000	10.329328862	0.000000e+00	0.032572142
##	SAMPLE	37	0.000000000	0.095190338	0.622769272	6.220759e-03	0.016283391
##	SAMPLE	38	0.018999322	0.072659333	0.701401785	0.000000e+00	0.754701698
##	SAMPLE	39	0.000000000	0.097632147	0.606125894	0.000000e+00	0.000000000
##	SAMPLE	40	0.000000000	0.751775782	15.456785494	9.472909e+00	0.053347838
##	SAMPLE	41	0.000000000	0.000000000	0.000000000	7.640416e-03	0.078699994
##	SAMPLE	42	0.018050064	0.119555079	0.205596706	0.000000e+00	12.000279837
##	SAMPLE	43	0.000000000	0.000000000	14.399753473	3.427734e-02	0.001338318
##	SAMPLE	44	0.324913412	0.000000000	12.385213564	0.000000e+00	0.011819512
##	SAMPLE	45	0.000000000	0.000000000	12.425434436	2.246694e-01	0.068735702
##	SAMPLE	46	0.010298447	0.234776024	12.549953795	0.000000e+00	0.003553930
##	SAMPLE	47	0.000000000	0.013970535	0.015625690	3.299122e-04	12.193947137
##	SAMPLE	48	0.002917512	0.000000000	13.766650691	1.154904e+01	0.000000000
##	SAMPLE	49	0.002694332	0.000000000	0.274532781	2.838280e-02	0.058391448
##	SAMPLE	50	0.000000000	0.000000000	0.360272749	0.000000e+00	0.070113967
##	SAMPLE	51	0.000000000	0.117875165	0.171729783	3.267661e-02	0.060617205
##	SAMPLE	52	0.000000000	0.000000000	0.793621709	1.346869e-01	0.000000000
##	SAMPLE	53	0.000000000	0.123839186	0.084787379	5.340347e-03	0.000000000
##	SAMPLE	54	0.000000000	0.047490696	12.253520669	0.000000e+00	0.120181959
##	SAMPLE	55	0.000000000	0.000000000	0.064474462	0.000000e+00	0.000000000
##	SAMPLE	56	0.000000000	0.000000000	13.242352078	0.000000e+00	0.000000000
##	SAMPLE	57	0.000000000	0.000000000	0.182948841	0.000000e+00	0.010492777
##	SAMPLE	58	0.000000000	0.000000000	0.363288641	0.000000e+00	0.000000000
##	SAMPLE	59	0.000000000	0.069676293	12.499445006	0.000000e+00	0.000000000
##	SAMPLE	60	0.000000000	0.000000000	0.008276913	7.121119e-03	0.047211166
##	SAMPLE	61	0.000000000	0.032034841	0.067681412	1.387823e-02	0.004176287
##	SAMPLE	62	0.000000000	0.000000000	0.009504891	5.977437e-03	12.723376078
##	SAMPLE	63	0.000000000	0.000000000	0.000000000	1.419532e-03	0.054343125
##	SAMPLE	64	0.000000000	0.000000000	0.000000000	2.440435e-03	0.106056575
##	SAMPLE	65	0.000000000	0.000000000	0.000000000	1.702495e-02	0.000000000
##	SAMPLE	66	0.004175363	0.000000000	0.245416775	0.000000e+00	0.000000000
##	SAMPLE	67	0.000000000	0.000000000	0.054792134	2.349508e-03	0.211619351
##	SAMPLE	68	0.005633683	0.000000000	12.740238501	0.000000e+00	0.040693814
##	SAMPLE	69	0.000000000	0.193562425	0.311458842	0.000000e+00	0.014913132
##	SAMPLE	70	0.000000000	0.000000000	0.017520921	2.747226e-02	0.000000000
##	SAMPLE	71	0.000000000	0.000000000	0.594842872	0.000000e+00	0.000000000
##	SAMPLE	72	0.000000000	0.000000000	0.257412396	0.000000e+00	0.233845891
##	SAMPLE	73	0.005745912	0.020416930	13.263397667	0.000000e+00	0.050812987
##	SAMPLE	74	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	75	0.004315989	0.094095403	0.612681649	0.000000e+00	0.061082000
##	SAMPLE	76	0.000000000	0.017638197	0.021345259	1.576740e-03	0.000000000
##	SAMPLE	77	0.000000000	0.000000000	11.760393438	0.000000e+00	12.814264641
##	SAMPLE	78	0.000000000	0.183709096	14.769233650	0.000000e+00	0.000000000
##	SAMPLE	79	0.016842871	0.000000000	12.447393527	0.000000e+00	0.224169603
##	SAMPLE	80	0.000000000	0.343744125	13.495270716	1.074687e-01	0.000000000
##	SAMPLE	81	0.000000000	0.000000000	14.375999562	0.000000e+00	0.024275047
##	SAMPLE	82	0.000000000	0.000000000	0.000000000	0.000000e+00	0.038360743
##	SAMPLE	83	0.004619937	0.000000000	0.752978382	0.000000e+00	0.192276010
##	SAMPLE	84	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	85	0.000000000	0.000000000	0.579732794	0.000000e+00	0.143203521
##	SAMPLE	86	0.027188950	0.061622593	0.048127751	0.000000e+00	0.027659412
##	SAMPLE	87	0.002736746	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE	88	0.000000000	0.000000000	0.139798190	2.034712e-02	0.105037965
##	SAMPLE	89	0.000000000	0.000000000	13.075645233	0.000000e+00	0.000000000
##	SAMPLE	90	0.000000000	0.000000000	0.058322159	1.788162e-02	0.004836313

##	SAMPLE 91	0.000000000	0.310809484	0.318648285	0.000000e+00	0.051643580
##	SAMPLE 92	0.000000000	0.000000000	0.061896813	0.000000e+00	0.000000000
##	SAMPLE 93	0.000000000	0.000000000	11.957877529	0.000000e+00	0.000000000
##	SAMPLE 94	0.000000000	0.000000000	0.403012974	0.000000e+00	0.009757890
##	SAMPLE 95	0.000000000	0.000000000	0.650121566	0.000000e+00	0.000000000
##	SAMPLE 96	0.000000000	0.000000000	0.443068165	3.279464e-01	0.189806011
##	SAMPLE 97	0.000000000	0.023691020	13.494284354	0.000000e+00	0.000000000
##	SAMPLE 98	0.000000000	0.000000000	0.018223049	3.749987e-04	0.051422430
##	SAMPLE 99	0.000000000	0.000000000	0.002320943	0.000000e+00	0.000000000
##	SAMPLE 100	0.000000000	0.000000000	13.173216716	0.000000e+00	0.032786316
##	SAMPLE 101	0.000000000	0.000000000	0.738447945	0.000000e+00	0.057808369
##	SAMPLE 102	0.000000000	0.000000000	0.030998600	0.000000e+00	0.026583082
##	SAMPLE 103	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 104	0.000000000	0.900004635	12.598647788	1.775070e-01	0.000000000
##	SAMPLE 105	0.003708466	0.000000000	0.645628990	0.000000e+00	0.002161392
##	SAMPLE 106	0.000000000	0.156462303	0.358044177	7.447846e-02	0.000000000
##	SAMPLE 107	0.000000000	0.000000000	12.466095257	0.000000e+00	0.043113335
##	SAMPLE 108	0.013772382	0.398131860	0.291743729	0.000000e+00	0.548173104
##	SAMPLE 109	0.000000000	13.449143912	12.090053752	1.434587e+01	0.000000000
##	SAMPLE 110	0.000000000	0.681726038	0.415078284	9.791430e-02	0.014003763
##	SAMPLE 111	0.000000000	0.000000000	0.169791147	0.000000e+00	0.230752479
##	SAMPLE 112	0.007812180	9.653282487	0.622394530	0.000000e+00	0.181211655
##	SAMPLE 113	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 114	0.000000000	0.000000000	0.000000000	0.000000e+00	0.078001727
##	SAMPLE 115	0.000000000	0.000000000	12.338405058	0.000000e+00	0.000000000
##	SAMPLE 116	0.000000000	0.000000000	0.675733961	0.000000e+00	0.000000000
##	SAMPLE 117	0.000000000	0.039831280	12.138712248	0.000000e+00	0.000000000
##	SAMPLE 118	0.000000000	0.000000000	0.000000000	1.399482e-02	0.007234425
##	SAMPLE 119	0.000000000	0.000000000	0.000000000	0.000000e+00	0.257468385
##	SAMPLE 120	0.000000000	0.193223796	13.212558047	0.000000e+00	0.000000000
##	SAMPLE 121	0.172660785	0.000000000	0.014436805	5.076624e-03	0.000000000
##		OTU 589	OTU 609	OTU 619	OTU 623	OTU 667
##	SAMPLE 1	10.139321162	0.000000000	0.006256015	0.000000000	0.000000e+00
##	SAMPLE 2	0.112234446	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 3	0.635246036	0.0005938747	0.000000000	0.000000000	1.162206e-04
##	SAMPLE 4	0.312763765	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 5	12.266798763	0.000000000	0.000000000	0.0609439204	0.000000e+00
##	SAMPLE 6	0.458598869	0.0252190298	0.000000000	0.0437641076	0.000000e+00
##	SAMPLE 7	0.735738000	0.000000000	0.000000000	0.0110515912	0.000000e+00
##	SAMPLE 8	0.000000000	0.000000000	0.000000000	0.000000000	5.502970e-01
##	SAMPLE 9	0.052193208	0.000000000	0.000000000	0.000000000	3.380594e-03
##	SAMPLE 10	12.191327545	0.000000000	13.655595602	0.0035830622	0.000000e+00
##	SAMPLE 11	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 12	12.041328702	0.000000000	0.000000000	0.000000000	3.065361e-02
##	SAMPLE 13	12.179930635	0.0007743898	0.129418123	0.000000000	2.065626e-04
##	SAMPLE 14	0.046138673	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 15	0.477481463	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 16	15.075610455	0.000000000	0.000000000	0.0062153276	0.000000e+00
##	SAMPLE 17	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 18	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 19	0.000000000	0.000000000	0.000000000	0.3527740747	0.000000e+00
##	SAMPLE 20	0.000000000	0.000000000	0.000000000	0.000000000	0.000000e+00
##	SAMPLE 21	14.169714850	0.000000000	0.092058530	0.000000000	0.000000e+00
##	SAMPLE 22	0.000000000	0.0462467453	0.000000000	0.0083074366	2.532476e-03
##	SAMPLE 23	0.736900086	0.000000000	0.605690709	0.000000000	0.000000e+00
##	SAMPLE 24	0.771500533	0.0158118371	0.000000000	0.0477808070	3.054091e-01

##	SAMPLE	25	0.704011283	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	26	0.791775985	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	27	13.709845472	0.0000000000	0.0000000000	0.0098888538	2.485227e-03
##	SAMPLE	28	12.357818164	0.0005677469	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	29	0.492340100	0.0000000000	0.0000000000	0.0030302812	0.000000e+00
##	SAMPLE	30	14.998200058	0.0000000000	0.0000000000	0.0250966937	0.000000e+00
##	SAMPLE	31	0.059201168	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	32	15.244550651	0.0000000000	0.0000000000	0.0000000000	5.484776e-01
##	SAMPLE	33	0.512303956	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	34	12.484749851	0.0000000000	0.0000000000	0.0000000000	6.552109e-01
##	SAMPLE	35	0.112599287	0.0042576312	0.0000000000	0.0047107105	0.000000e+00
##	SAMPLE	36	0.560183898	0.0000000000	0.057377607	0.0000000000	0.000000e+00
##	SAMPLE	37	0.649723327	0.0000000000	0.0000000000	0.0117655005	7.353830e-04
##	SAMPLE	38	0.004346847	0.0000000000	0.0000000000	0.2745898119	1.278878e-02
##	SAMPLE	39	0.690223546	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	40	0.005440146	0.0029309942	0.0000000000	0.0249732420	1.975322e-02
##	SAMPLE	41	0.011723468	0.0000000000	0.0000000000	0.0000000000	6.763804e-01
##	SAMPLE	42	0.013583986	0.0045754138	0.0000000000	0.0992637308	6.155846e-04
##	SAMPLE	43	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	44	14.067665634	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	45	0.0000000000	0.0000000000	0.001220831	0.0000000000	0.000000e+00
##	SAMPLE	46	0.084894689	0.0014947867	0.0000000000	0.2840959843	7.888537e-02
##	SAMPLE	47	0.0000000000	0.0000000000	0.0000000000	0.0000000000	1.783229e-03
##	SAMPLE	48	0.081462900	0.0000000000	0.0000000000	0.4786976648	0.000000e+00
##	SAMPLE	49	0.800241434	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	50	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	51	12.932421959	0.0000000000	0.264078943	0.0570894891	1.806601e-02
##	SAMPLE	52	0.007145622	0.0214791283	0.0000000000	0.0317607044	0.000000e+00
##	SAMPLE	53	12.270637637	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	54	0.074255879	0.0037919636	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	55	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	56	0.656192608	0.0000000000	0.040469824	0.0000000000	0.000000e+00
##	SAMPLE	57	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	58	0.775475816	0.0000000000	0.0000000000	0.0134442399	0.000000e+00
##	SAMPLE	59	0.800914925	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	60	0.241629707	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	61	0.385684407	0.0000000000	0.0000000000	0.0000000000	1.204873e-02
##	SAMPLE	62	0.143675262	0.0000000000	0.0000000000	0.0064662162	0.000000e+00
##	SAMPLE	63	0.021043515	0.0025406653	0.0000000000	0.0211482677	0.000000e+00
##	SAMPLE	64	0.0000000000	0.0059202031	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	65	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	66	0.509086665	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	67	0.006816648	0.0000000000	0.607620241	0.0000000000	1.679124e-02
##	SAMPLE	68	12.559529527	0.0000000000	0.224284139	0.3777041699	0.000000e+00
##	SAMPLE	69	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	70	13.579003097	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	71	12.274065777	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	72	0.0000000000	0.0352872830	0.026471520	0.0035515284	1.269851e-03
##	SAMPLE	73	0.016421763	0.0090914894	0.0000000000	0.0262286227	2.962261e-03
##	SAMPLE	74	0.442598194	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	75	13.665993978	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	76	12.221914737	0.0126152860	0.745229380	0.0000000000	0.000000e+00
##	SAMPLE	77	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	78	0.058176529	0.0000000000	0.0000000000	0.0000000000	7.170951e-02
##	SAMPLE	79	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	80	12.589632964	0.0000000000	0.369657961	0.0000000000	0.000000e+00

##	SAMPLE	81	12.971082823	0.0000000000	0.0000000000	0.0224304335	0.000000e+00
##	SAMPLE	82	0.742155357	0.0000000000	0.004244054	0.0000000000	0.000000e+00
##	SAMPLE	83	0.017971917	0.0000000000	0.013505826	0.0000000000	0.000000e+00
##	SAMPLE	84	13.797011343	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	85	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	86	0.0000000000	0.0000000000	0.0000000000	0.0754635904	0.000000e+00
##	SAMPLE	87	0.015794388	0.0000000000	0.0000000000	0.0000000000	1.242467e+01
##	SAMPLE	88	0.042288437	0.0000000000	0.008945893	0.1022587762	0.000000e+00
##	SAMPLE	89	14.334222642	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	90	0.017611156	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	91	0.0000000000	0.0000000000	0.0000000000	0.0009604231	7.824957e-03
##	SAMPLE	92	0.009630418	0.0000000000	0.0000000000	0.0027899715	0.000000e+00
##	SAMPLE	93	0.002082344	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	94	0.014815891	0.0000000000	0.0000000000	0.0000000000	1.183641e-03
##	SAMPLE	95	0.0000000000	0.0000000000	0.0000000000	0.0000000000	4.119664e-01
##	SAMPLE	96	0.012061293	0.0000000000	0.0000000000	0.1838795271	0.000000e+00
##	SAMPLE	97	0.317923241	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	98	0.104867371	0.0031479637	0.034547308	0.0000000000	0.000000e+00
##	SAMPLE	99	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	100	0.144450113	0.0024807424	0.0000000000	0.1047658312	7.268861e-02
##	SAMPLE	101	12.666923406	0.0000000000	11.895114162	0.0000000000	0.000000e+00
##	SAMPLE	102	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	103	0.125333234	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	104	0.115518207	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	105	12.644683636	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	106	12.943498651	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	107	0.0000000000	0.0000000000	0.0000000000	0.0139648412	0.000000e+00
##	SAMPLE	108	0.852890966	0.0046508475	0.028433942	0.0000000000	0.000000e+00
##	SAMPLE	109	12.640370679	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	110	0.0000000000	0.0000000000	0.0000000000	0.0820100797	0.000000e+00
##	SAMPLE	111	12.031546271	0.0000000000	0.0000000000	0.0784881801	0.000000e+00
##	SAMPLE	112	0.071263240	0.0000000000	0.0000000000	0.0000000000	4.172914e-01
##	SAMPLE	113	0.0000000000	0.0000000000	0.0000000000	0.0000000000	6.667900e-01
##	SAMPLE	114	12.173692654	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	115	0.105632399	0.0000000000	0.076293522	0.0000000000	0.000000e+00
##	SAMPLE	116	0.002539049	0.0000000000	0.176872285	0.0000000000	0.000000e+00
##	SAMPLE	117	0.0000000000	0.0000000000	0.0000000000	0.0144753053	0.000000e+00
##	SAMPLE	118	0.0000000000	0.0000000000	0.0000000000	0.0000000000	2.270943e-02
##	SAMPLE	119	0.0000000000	0.0000000000	0.0000000000	0.0000000000	7.013206e-02
##	SAMPLE	120	0.0000000000	0.0000000000	0.0000000000	0.0000000000	3.099731e-03
##	SAMPLE	121	14.051220080	0.0000000000	0.0000000000	0.0000000000	4.759715e-03
##			OTU 701	OTU 703	OTU 714	OTU 718	OTU 720
##	SAMPLE	1	0.0000000000	0.005515819	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	2	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	3	0.0000000000	0.012397900	0.0016258609	0.000000e+00	0.067750258
##	SAMPLE	4	0.298660268	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	5	0.0000000000	0.011267103	0.0068983456	7.381804e-03	0.628917190
##	SAMPLE	6	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.002492943
##	SAMPLE	7	0.0000000000	0.0000000000	0.0022050247	0.000000e+00	0.0000000000
##	SAMPLE	8	0.0000000000	0.0000000000	0.0000000000	5.261977e-02	0.012067616
##	SAMPLE	9	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	10	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	11.820496136
##	SAMPLE	11	0.0000000000	0.031403535	0.0129275762	0.000000e+00	0.0000000000
##	SAMPLE	12	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000
##	SAMPLE	13	0.0000000000	0.003119711	0.0000000000	0.000000e+00	0.173089618
##	SAMPLE	14	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.0000000000

##	SAMPLE 15	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 16	0.000000000	0.013579924	0.000000000	0.000000e+00	0.002003299
##	SAMPLE 17	0.001427255	0.015733940	0.0066206407	0.000000e+00	0.001551759
##	SAMPLE 18	0.103299007	0.000000000	0.0236275692	0.000000e+00	0.000000000
##	SAMPLE 19	0.000000000	0.053813972	0.0038589818	0.000000e+00	0.000000000
##	SAMPLE 20	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 21	0.000000000	0.047017688	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 22	0.003008893	0.000000000	0.000000000	0.000000e+00	0.021234403
##	SAMPLE 23	0.000000000	0.023346271	0.0002473090	0.000000e+00	0.000000000
##	SAMPLE 24	0.072044798	0.176129488	0.0272447652	4.034948e-01	0.231507075
##	SAMPLE 25	0.000000000	0.051801778	0.000000000	2.230993e-02	0.472489246
##	SAMPLE 26	0.000000000	0.000000000	0.000000000	1.361932e+01	13.640120100
##	SAMPLE 27	0.000000000	0.015696940	0.0082754158	0.000000e+00	0.000000000
##	SAMPLE 28	0.029141613	0.051691138	0.0078221248	0.000000e+00	0.000000000
##	SAMPLE 29	0.000000000	0.000000000	0.000000000	3.662469e-01	14.026075288
##	SAMPLE 30	0.000000000	0.000000000	0.000000000	1.004953e-03	0.000000000
##	SAMPLE 31	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 32	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 33	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 34	0.000000000	0.039169428	0.0037207532	0.000000e+00	0.000000000
##	SAMPLE 35	0.028600686	0.113666173	0.0953853983	0.000000e+00	0.033454006
##	SAMPLE 36	0.000000000	0.017658830	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 37	0.000000000	0.000000000	0.000000000	5.492808e-02	0.134424530
##	SAMPLE 38	0.000000000	0.008229827	0.000000000	3.322306e-01	0.650790516
##	SAMPLE 39	13.111343424	0.000000000	0.0723153232	0.000000e+00	0.000000000
##	SAMPLE 40	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 41	0.000000000	0.035132492	0.0044270817	0.000000e+00	0.040212018
##	SAMPLE 42	0.073972612	0.142300153	0.1270612094	0.000000e+00	0.000000000
##	SAMPLE 43	0.000000000	0.013046621	0.0084545169	0.000000e+00	12.102843396
##	SAMPLE 44	0.011795385	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 45	0.000000000	0.000000000	0.000000000	4.497111e-02	0.040607365
##	SAMPLE 46	12.213496765	0.003583741	0.0817842744	4.567023e-03	0.000000000
##	SAMPLE 47	0.131800569	0.069085457	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 48	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 49	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 50	0.005505512	0.038343990	0.0127349304	3.608688e-03	0.002073005
##	SAMPLE 51	0.000000000	0.049579926	0.0262028859	0.000000e+00	0.000000000
##	SAMPLE 52	0.000000000	0.030514254	0.0062122010	0.000000e+00	0.000000000
##	SAMPLE 53	0.000000000	0.076795353	0.0031515775	0.000000e+00	0.000000000
##	SAMPLE 54	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 55	0.000000000	0.018265529	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 56	0.011734271	0.016726443	0.000000000	0.000000e+00	0.134739225
##	SAMPLE 57	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 58	0.000000000	0.000000000	0.000000000	0.000000e+00	0.277814061
##	SAMPLE 59	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 60	0.003516749	0.008048714	0.0017096798	0.000000e+00	0.000000000
##	SAMPLE 61	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 62	0.000000000	0.085925023	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 63	0.000000000	0.003583555	0.0008555240	0.000000e+00	0.000000000
##	SAMPLE 64	0.000000000	0.000000000	0.0167267726	0.000000e+00	0.000000000
##	SAMPLE 65	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 66	0.000000000	0.008358361	0.0083833562	0.000000e+00	0.000000000
##	SAMPLE 67	0.000000000	0.000000000	0.000000000	6.087327e-03	12.258155752
##	SAMPLE 68	0.000000000	0.000000000	0.000000000	8.511852e-03	0.010996927
##	SAMPLE 69	0.438327038	0.000000000	0.3163968911	0.000000e+00	0.000000000
##	SAMPLE 70	0.000000000	0.000000000	0.0664967122	0.000000e+00	0.000000000

##	SAMPLE 71	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 72	0.000000000	0.052501495	0.0065295840	2.560492e-02	0.101095517
##	SAMPLE 73	0.019899374	0.046300199	0.000000000	1.267401e+01	7.554811002
##	SAMPLE 74	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 75	12.559642408	0.056292990	0.0760710527	0.000000e+00	0.020553152
##	SAMPLE 76	0.000000000	0.020629398	0.0124920308	0.000000e+00	13.065595455
##	SAMPLE 77	0.000000000	0.195073212	0.0185885687	0.000000e+00	0.013152777
##	SAMPLE 78	0.000000000	0.038926873	0.000000000	0.000000e+00	0.468030410
##	SAMPLE 79	0.004099644	0.008017907	0.000000000	2.493086e-01	0.277348663
##	SAMPLE 80	0.000000000	0.008934938	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 81	0.000000000	0.007017784	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 82	0.000000000	0.000000000	0.000000000	6.543607e-03	0.000000000
##	SAMPLE 83	0.000000000	0.014429663	0.000000000	3.290267e-01	0.074894470
##	SAMPLE 84	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 85	0.476155684	0.000000000	0.7753234391	0.000000e+00	0.000000000
##	SAMPLE 86	0.000000000	0.037472273	0.000000000	0.000000e+00	13.371367880
##	SAMPLE 87	0.006184319	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 88	0.000000000	0.009242715	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 89	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 90	0.006038409	0.059803289	0.0115627860	3.619390e-03	0.075666223
##	SAMPLE 91	0.000000000	0.054042072	0.0037018168	2.176071e-02	0.067510161
##	SAMPLE 92	0.000000000	0.094566525	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 93	0.000000000	0.007305830	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 94	0.006008125	0.152457687	0.0034946616	0.000000e+00	0.011033404
##	SAMPLE 95	0.000000000	0.064219432	0.000000000	0.000000e+00	0.011870151
##	SAMPLE 96	0.000000000	0.000000000	0.000000000	0.000000e+00	0.017840038
##	SAMPLE 97	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 98	0.000000000	0.109552916	0.0048990398	0.000000e+00	0.000000000
##	SAMPLE 99	0.016385682	0.019472787	0.0153942047	0.000000e+00	0.000000000
##	SAMPLE 100	0.000000000	0.000000000	0.0006115918	9.783673e-04	0.007290236
##	SAMPLE 101	0.251025881	0.008087835	0.0149486456	0.000000e+00	0.000000000
##	SAMPLE 102	0.000000000	0.000000000	0.000000000	0.000000e+00	0.062013353
##	SAMPLE 103	0.000000000	0.000000000	0.000000000	0.000000e+00	0.106328512
##	SAMPLE 104	0.000000000	0.000000000	0.000000000	0.000000e+00	0.003037231
##	SAMPLE 105	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 106	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 107	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 108	0.064810807	0.028303546	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 109	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 110	0.000000000	0.000000000	0.000000000	0.000000e+00	0.051259744
##	SAMPLE 111	0.000000000	0.024953755	0.000000000	5.711871e-01	12.988368354
##	SAMPLE 112	0.097863936	0.001033353	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 113	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 114	0.000000000	0.000000000	0.000000000	0.000000e+00	0.551463596
##	SAMPLE 115	0.000000000	0.000000000	0.000000000	7.836169e-02	0.518108578
##	SAMPLE 116	0.000000000	0.003391645	0.0031497660	0.000000e+00	11.887438843
##	SAMPLE 117	0.000000000	0.000000000	0.0023657996	0.000000e+00	0.000000000
##	SAMPLE 118	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 119	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##	SAMPLE 120	0.000000000	0.000000000	0.3469297035	0.000000e+00	12.043668762
##	SAMPLE 121	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000000
##		OTU 726	OTU 732	OTU 752	OTU 765	OTU 771
##	SAMPLE 1	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 2	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE 3	0.000000000	0.000000000	0.0282033700	0.0017547844	0.001277685
##	SAMPLE 4	0.000000000	0.000000000	0.000000000	0.0349948654	0.000000000

##	SAMPLE 5	0.029908517	0.0014859827	0.0000000000	0.0360585848	0.0000000000
##	SAMPLE 6	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 7	0.0000000000	0.0940456080	0.0000000000	0.0098546033	0.0000000000
##	SAMPLE 8	0.522291590	0.0008613117	0.0000000000	0.0000000000	0.014085938
##	SAMPLE 9	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 10	0.0000000000	0.0018425562	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 11	0.0000000000	0.0016192114	0.0000000000	0.0000000000	0.005179335
##	SAMPLE 12	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 13	0.0000000000	0.0048429763	0.0031583237	0.0002711047	0.0000000000
##	SAMPLE 14	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 15	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 16	0.0000000000	0.0025247128	0.0025853246	0.0000000000	0.006589678
##	SAMPLE 17	0.0000000000	0.0000000000	0.2216043773	0.0000000000	0.001947809
##	SAMPLE 18	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 19	0.0000000000	0.0147330634	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 20	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 21	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 22	0.0000000000	0.0352388473	0.1124460339	0.0000000000	12.168729124
##	SAMPLE 23	0.019081783	0.0000000000	0.0040317412	0.0032924349	0.002662224
##	SAMPLE 24	0.0000000000	0.1437337555	0.0577512893	0.0269806856	0.237279798
##	SAMPLE 25	0.203770748	0.0000000000	0.0852399249	0.0000000000	0.0000000000
##	SAMPLE 26	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.006751275
##	SAMPLE 27	0.0000000000	0.0019181572	0.0011359934	0.0000000000	0.158253830
##	SAMPLE 28	0.0000000000	0.0046109498	0.0081718118	0.0000000000	0.177956108
##	SAMPLE 29	0.206027441	0.0000000000	0.0599946822	0.0000000000	0.0000000000
##	SAMPLE 30	0.120654951	0.0000000000	0.0215423851	0.0000000000	0.0000000000
##	SAMPLE 31	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 32	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 33	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 34	0.0000000000	0.0000000000	0.0202949186	0.0000000000	0.0000000000
##	SAMPLE 35	0.0000000000	0.0000000000	0.0136873655	0.0000000000	0.019408835
##	SAMPLE 36	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 37	0.327035324	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 38	0.044397686	0.0000000000	0.0114193629	0.0000000000	0.0000000000
##	SAMPLE 39	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 40	0.009011924	0.3492612486	0.0081878083	0.0038370845	0.011711293
##	SAMPLE 41	0.0000000000	0.0000000000	0.0020135524	0.0000000000	0.0000000000
##	SAMPLE 42	0.0000000000	0.2909906849	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 43	0.0000000000	0.0000000000	0.0028693389	0.0000000000	0.102047592
##	SAMPLE 44	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 45	0.001205768	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 46	0.0000000000	0.0000000000	0.0000000000	0.0055790904	0.0000000000
##	SAMPLE 47	0.0000000000	0.3361683614	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 48	0.0000000000	0.0000000000	0.0000000000	0.0005147172	0.0000000000
##	SAMPLE 49	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 50	0.002541768	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 51	0.0000000000	0.0290294235	0.0000000000	0.0000000000	0.007889769
##	SAMPLE 52	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 53	0.0000000000	0.0000000000	0.0037756103	0.0000000000	0.0000000000
##	SAMPLE 54	0.0000000000	0.0000000000	0.0000000000	0.0006926890	0.009819891
##	SAMPLE 55	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 56	0.0000000000	0.0000000000	0.0019254731	0.0000000000	0.0000000000
##	SAMPLE 57	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
##	SAMPLE 58	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.205672288
##	SAMPLE 59	0.0000000000	0.0162346495	0.0000000000	0.0000000000	0.108230007
##	SAMPLE 60	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000

##	SAMPLE	61	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	62	0.000000000	0.000000000	0.000000000	0.000000000	0.014929265
##	SAMPLE	63	0.000000000	0.0582983215	0.000000000	0.000000000	0.266744880
##	SAMPLE	64	0.010116417	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	65	0.000000000	0.000000000	0.000000000	0.000000000	0.001454087
##	SAMPLE	66	0.000000000	0.000000000	0.0483410727	0.000000000	0.009482530
##	SAMPLE	67	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	68	0.000000000	0.0481645068	0.0019707139	0.000000000	0.000000000
##	SAMPLE	69	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	70	0.004673503	0.1575746846	0.000000000	0.0591951246	0.000000000
##	SAMPLE	71	0.000000000	0.0613782131	0.000000000	0.000000000	0.000000000
##	SAMPLE	72	0.028449504	0.0017491538	0.000000000	0.000000000	0.150611913
##	SAMPLE	73	0.000000000	0.000000000	0.0577568143	0.000000000	0.000000000
##	SAMPLE	74	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	75	0.000000000	0.000000000	0.000000000	0.1411160053	0.000000000
##	SAMPLE	76	0.000000000	0.000000000	0.000000000	0.0195983568	0.000000000
##	SAMPLE	77	0.000000000	0.000000000	0.0243600398	0.000000000	0.000000000
##	SAMPLE	78	0.000000000	0.000000000	0.000000000	0.0037214124	0.000000000
##	SAMPLE	79	0.048027865	0.000000000	0.0029832254	0.000000000	0.000000000
##	SAMPLE	80	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	81	0.000000000	0.0380513748	0.000000000	0.0020137495	0.005331403
##	SAMPLE	82	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	83	0.016472271	0.000000000	0.0021256852	0.000000000	0.000000000
##	SAMPLE	84	0.000000000	0.000000000	0.0884390799	0.000000000	0.000000000
##	SAMPLE	85	0.000000000	0.000000000	0.000000000	0.0061873875	0.000000000
##	SAMPLE	86	0.000000000	0.2029251840	0.2036191324	0.000000000	0.000000000
##	SAMPLE	87	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	88	0.049084663	0.0022688920	0.000000000	0.0047686788	0.001172488
##	SAMPLE	89	0.000000000	0.000000000	0.0071805760	0.000000000	0.000000000
##	SAMPLE	90	0.000000000	0.000000000	0.0004162259	0.0015029671	0.000000000
##	SAMPLE	91	0.000000000	0.000000000	0.1173327506	0.0016506839	0.002189093
##	SAMPLE	92	0.070076049	0.000000000	0.000000000	0.0066324402	0.062374186
##	SAMPLE	93	0.000000000	0.1626768371	0.000000000	0.000000000	0.033780640
##	SAMPLE	94	0.000000000	0.000000000	0.0297705595	0.000000000	0.000000000
##	SAMPLE	95	0.000000000	0.0300062699	0.0091010304	0.000000000	0.012081220
##	SAMPLE	96	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	97	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	98	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	99	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	100	0.000000000	0.000000000	0.0076667130	0.000000000	0.000000000
##	SAMPLE	101	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	102	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	103	0.020416244	0.0022295702	0.2048704295	0.000000000	0.076174060
##	SAMPLE	104	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	105	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	106	0.000000000	0.000000000	0.000000000	0.0158933161	0.000000000
##	SAMPLE	107	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	108	0.000620247	0.000000000	0.1395975389	0.0122496102	0.568484135
##	SAMPLE	109	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	110	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	111	0.060514489	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	112	0.000000000	0.5686291817	0.000000000	0.000000000	0.000000000
##	SAMPLE	113	0.000000000	0.000000000	0.000000000	0.000000000	0.033619223
##	SAMPLE	114	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
##	SAMPLE	115	0.027385384	0.1433868244	0.000000000	0.000000000	0.128299312
##	SAMPLE	116	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

##	SAMPLE	117	0.000000000	0.0035999741	0.0000000000	0.0000000000	0.004891851
##	SAMPLE	118	0.000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	119	0.000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	120	0.000000000	0.0000000000	0.0000000000	0.0000000000	0.000000000
##	SAMPLE	121	0.000000000	0.0000000000	0.0074353333	0.0000000000	0.000000000
##			OTU 775	OTU 779	OTU 785	OTU 796	OTU 811
##	SAMPLE	1	0.0086089160	0.0000000000	0.0000000000	0.0048960503	0.000000e+00
##	SAMPLE	2	0.0000000000	0.0000000000	0.0250284972	0.0000000000	0.000000e+00
##	SAMPLE	3	0.0114535817	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	4	0.0000000000	0.0041922174	0.0000000000	0.0000000000	8.104923e-02
##	SAMPLE	5	0.1690241919	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	6	0.0000000000	0.0547256750	0.0000000000	0.0000000000	2.074476e-01
##	SAMPLE	7	0.0391687021	0.0000000000	0.0116196589	0.0014504266	0.000000e+00
##	SAMPLE	8	0.0072146190	0.0000000000	0.0769207072	0.0000000000	0.000000e+00
##	SAMPLE	9	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	10	0.0425872355	0.0000000000	0.0280706681	0.0002227711	8.583436e-02
##	SAMPLE	11	0.0037544492	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	12	0.0000000000	0.0000000000	0.0252586682	0.0094637118	2.156776e-03
##	SAMPLE	13	0.0009936913	0.0000000000	0.0024244199	0.0005292313	0.000000e+00
##	SAMPLE	14	0.0057093350	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	15	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	16	0.0000000000	0.0000000000	0.0000000000	0.0000000000	1.677706e-01
##	SAMPLE	17	0.0337370240	0.0000000000	0.0000000000	0.0010196753	5.865889e-03
##	SAMPLE	18	0.0000000000	0.0360463678	0.0000000000	0.0000000000	1.134814e-02
##	SAMPLE	19	0.0465613032	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	20	0.0130610353	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	21	0.0028429766	0.0000000000	0.0000000000	0.0034941229	7.171886e-03
##	SAMPLE	22	0.0800721851	0.0227263334	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	23	0.0295690298	0.0000000000	0.0305824112	0.0000000000	3.004779e-03
##	SAMPLE	24	0.2682782524	0.3352943692	0.0005282545	0.0000000000	1.902569e-02
##	SAMPLE	25	0.0008698652	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	26	0.0000000000	0.0000000000	0.0000000000	0.0000000000	6.527497e-02
##	SAMPLE	27	0.0076658941	0.0042915737	0.0000000000	0.0001843028	0.000000e+00
##	SAMPLE	28	0.0003720085	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	29	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	30	0.0031964749	0.0000000000	0.0000000000	0.0201819458	0.000000e+00
##	SAMPLE	31	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	32	0.0000000000	0.0000000000	0.0000000000	0.0029603067	0.000000e+00
##	SAMPLE	33	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	34	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	35	0.0600958942	0.0288079852	0.0009666531	0.0041726560	8.671878e-04
##	SAMPLE	36	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	37	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	38	0.0233419166	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	39	0.4775552075	0.0000000000	0.0033286720	0.0000000000	8.753671e-01
##	SAMPLE	40	0.0000000000	0.1472320189	0.0000000000	0.0002727113	1.551658e-02
##	SAMPLE	41	0.0311060370	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	42	0.0881087201	0.0291287674	0.0000000000	0.0000000000	3.650053e-01
##	SAMPLE	43	0.4669233478	0.0000000000	0.0010006592	0.0094982739	0.000000e+00
##	SAMPLE	44	0.0000000000	0.0000000000	0.0000000000	0.0020121328	4.393562e-04
##	SAMPLE	45	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	46	0.0000000000	0.0000000000	0.0000000000	0.0006729305	2.321415e-02
##	SAMPLE	47	0.0000000000	0.0000000000	0.0089142453	0.0000000000	4.942319e-02
##	SAMPLE	48	0.0000000000	0.0000000000	0.0000000000	0.0324814543	0.000000e+00
##	SAMPLE	49	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	50	0.0232716267	0.0005219153	0.0000000000	0.0000000000	0.000000e+00

##	SAMPLE	51	0.0000000000	0.0211884283	0.0401416453	0.0000000000	1.230302e-02
##	SAMPLE	52	0.0317607044	0.0000000000	0.5114390613	0.0000000000	0.000000e+00
##	SAMPLE	53	0.0283607722	0.0000000000	0.0000000000	0.0078667381	0.000000e+00
##	SAMPLE	54	0.0313078057	0.0000000000	0.0420070780	0.0000000000	0.000000e+00
##	SAMPLE	55	0.0000000000	0.0000000000	0.0031321815	0.0000000000	0.000000e+00
##	SAMPLE	56	0.0000000000	0.0064554199	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	57	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	58	0.0124526112	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	59	0.0000000000	0.0000000000	0.0000000000	0.0094617625	0.000000e+00
##	SAMPLE	60	0.0056351754	0.0023984721	0.0000000000	0.0043761113	0.000000e+00
##	SAMPLE	61	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	62	0.0621641813	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	63	0.0007723802	0.0046608546	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	64	0.1339829372	0.0028596951	0.0000000000	0.0125452907	0.000000e+00
##	SAMPLE	65	0.0006083298	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	66	0.0082583736	0.0015866791	0.0036355599	0.0025550785	0.000000e+00
##	SAMPLE	67	0.0101085407	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	68	0.0619697797	0.0000000000	0.4621031028	0.0559605477	2.025713e-01
##	SAMPLE	69	0.0187168262	0.0000000000	0.0000000000	0.0000000000	1.652154e-01
##	SAMPLE	70	0.0000000000	0.0000000000	0.0000000000	0.0000000000	4.154863e-01
##	SAMPLE	71	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	72	0.1150852258	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	73	0.0000000000	0.0531280484	0.0064714807	0.0000000000	5.590035e-04
##	SAMPLE	74	0.0269543631	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	75	0.0000000000	0.0000000000	0.0000000000	0.0000000000	1.386386e+01
##	SAMPLE	76	0.0057604036	0.0091407156	0.0000000000	0.0280424834	1.478823e-03
##	SAMPLE	77	0.0000000000	0.0000000000	0.0044035087	0.0000000000	1.743762e-02
##	SAMPLE	78	0.0000000000	0.0108156403	0.0009316522	0.0000000000	0.000000e+00
##	SAMPLE	79	0.0000000000	0.0000000000	0.0000000000	0.0000000000	1.665244e-02
##	SAMPLE	80	0.0181711609	0.0000000000	0.0034930636	0.0021346187	0.000000e+00
##	SAMPLE	81	0.0000000000	0.0024465583	0.0000000000	0.0000000000	2.296193e-04
##	SAMPLE	82	0.0089726775	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	83	0.0354586302	0.0000000000	0.0000000000	0.0036336503	0.000000e+00
##	SAMPLE	84	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	85	0.0000000000	0.0000000000	0.0000000000	0.0000000000	3.131782e-01
##	SAMPLE	86	0.0098555655	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	87	0.0044124116	0.0000000000	0.0063947571	0.0000000000	2.068703e-02
##	SAMPLE	88	0.0053771333	0.0000000000	0.0000000000	0.0000000000	1.078724e-02
##	SAMPLE	89	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	90	0.0083450524	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	91	0.0319518408	0.0025254518	0.0000000000	0.0026935887	1.068106e-02
##	SAMPLE	92	0.0012945002	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	93	0.0044289649	0.0000000000	0.0000000000	0.0000000000	3.613194e-01
##	SAMPLE	94	0.0025048781	0.0000000000	0.0000000000	0.0000000000	4.095027e-02
##	SAMPLE	95	0.0000000000	0.0000000000	0.0087199406	0.0000000000	0.000000e+00
##	SAMPLE	96	0.0000000000	0.0000000000	0.5277038916	0.0000000000	0.000000e+00
##	SAMPLE	97	0.0000000000	0.0000000000	0.0000000000	0.0000000000	3.065657e-03
##	SAMPLE	98	0.0068333297	0.0000000000	0.0000000000	0.0007147198	1.136308e-02
##	SAMPLE	99	0.0040882191	0.0000000000	0.0074401306	0.0070134196	3.491563e-04
##	SAMPLE	100	0.0028224313	0.0031762004	0.0000000000	0.0000000000	1.213715e-02
##	SAMPLE	101	0.0000000000	0.0009673977	0.0000000000	0.0000000000	2.187819e-02
##	SAMPLE	102	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	103	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	104	0.0114642829	0.0000000000	0.0039384160	0.0000000000	0.000000e+00
##	SAMPLE	105	0.0061873060	0.0000000000	0.0005407861	0.0000000000	0.000000e+00
##	SAMPLE	106	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00

##	SAMPLE	107	0.0000000000	0.0000000000	0.0843147341	0.0000000000	0.000000e+00
##	SAMPLE	108	0.0662556635	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	109	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	110	0.0000000000	0.0000000000	0.0541171224	0.0000000000	0.000000e+00
##	SAMPLE	111	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	112	0.0000000000	0.0000000000	0.4133035236	0.0000000000	5.696751e-02
##	SAMPLE	113	0.0000000000	0.0000000000	0.0113635475	0.0096298528	0.000000e+00
##	SAMPLE	114	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	115	0.0000000000	0.0000000000	0.0076247316	0.0000000000	0.000000e+00
##	SAMPLE	116	0.0448884379	0.0010048490	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	117	0.0000000000	0.0000000000	0.0000000000	0.0003451134	0.000000e+00
##	SAMPLE	118	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	119	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##	SAMPLE	120	0.0000000000	0.0000000000	0.1750383604	0.0000000000	0.000000e+00
##	SAMPLE	121	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.000000e+00
##			OTU 818	OTU 834	OTU 857	OTU 870	OTU 874
##	SAMPLE	1	0.0000000000	0.0042456357	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	2	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	3	0.029658693	0.0000000000	0.0000000000	6.971213e-04	0.000000e+00
##	SAMPLE	4	0.0000000000	0.0000000000	0.599993370	0.000000e+00	0.000000e+00
##	SAMPLE	5	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	6	0.0000000000	0.0000000000	0.015164144	2.757375e-01	1.957694e-01
##	SAMPLE	7	0.0000000000	0.0014655241	0.003787830	3.561868e-03	0.000000e+00
##	SAMPLE	8	0.0000000000	0.0000000000	0.0000000000	8.589524e-02	9.421130e-03
##	SAMPLE	9	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	10	0.004039289	0.0000000000	0.003175981	0.000000e+00	0.000000e+00
##	SAMPLE	11	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	12	0.0000000000	0.0086843873	0.113362231	0.000000e+00	0.000000e+00
##	SAMPLE	13	0.091947120	0.0136188497	0.0000000000	0.000000e+00	2.138358e-02
##	SAMPLE	14	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	15	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	16	0.056985111	0.0000000000	11.989283160	2.387366e-02	2.764016e-02
##	SAMPLE	17	0.0000000000	0.0401387312	0.0000000000	5.872753e-02	1.788522e-02
##	SAMPLE	18	0.0000000000	0.0000000000	0.730377291	1.813974e-02	0.000000e+00
##	SAMPLE	19	0.0000000000	0.0000000000	0.0000000000	1.175748e+01	6.357811e-01
##	SAMPLE	20	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	21	0.0000000000	0.0048810019	0.0000000000	3.573544e-04	0.000000e+00
##	SAMPLE	22	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	23	0.066087963	0.0000000000	0.0000000000	1.635483e-02	9.368622e-03
##	SAMPLE	24	0.112463544	0.0000000000	0.074791688	6.955680e-02	1.774981e-02
##	SAMPLE	25	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	26	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	27	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	4.685423e-02
##	SAMPLE	28	0.0000000000	0.0000000000	0.032180286	0.000000e+00	0.000000e+00
##	SAMPLE	29	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	30	0.712781418	0.2566670323	0.001123893	0.000000e+00	0.000000e+00
##	SAMPLE	31	0.049449634	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	32	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	33	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	34	0.0000000000	0.0000000000	0.0000000000	4.530235e-02	2.408859e-02
##	SAMPLE	35	0.006831787	0.0212901771	0.005347506	0.000000e+00	0.000000e+00
##	SAMPLE	36	0.007077872	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	37	0.0000000000	0.0000000000	0.0000000000	0.000000e+00	0.000000e+00
##	SAMPLE	38	0.0000000000	0.0000000000	0.0000000000	1.937487e-02	4.083939e-03
##	SAMPLE	39	0.147055376	0.0000000000	13.091187823	0.000000e+00	0.000000e+00
##	SAMPLE	40	0.0000000000	0.0133658718	0.103114967	2.969843e-03	0.000000e+00

##	SAMPLE	41	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	42	0.000000000	0.000000000	12.498961757	1.050721e-01	8.640090e-02
##	SAMPLE	43	0.000000000	0.0385149616	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	44	0.749828624	0.0484529210	0.026370394	0.000000e+00	0.000000e+00
##	SAMPLE	45	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	46	0.113129618	0.000000000	0.671369302	0.000000e+00	0.000000e+00
##	SAMPLE	47	0.000000000	0.000000000	0.100324262	7.891904e-02	6.066573e-02
##	SAMPLE	48	0.000000000	0.1308932018	0.000000000	2.599378e-01	7.780201e-02
##	SAMPLE	49	0.000000000	0.000000000	0.000000000	9.656551e-03	0.000000e+00
##	SAMPLE	50	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	51	0.011201531	0.000000000	0.000000000	7.349603e-02	3.719300e-02
##	SAMPLE	52	0.000000000	0.000000000	0.000000000	0.000000e+00	1.322608e+01
##	SAMPLE	53	0.000000000	0.0467250400	0.000000000	3.043287e-03	0.000000e+00
##	SAMPLE	54	0.000000000	0.000000000	0.000000000	1.850690e-02	0.000000e+00
##	SAMPLE	55	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	56	0.097207044	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	57	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	58	0.000000000	0.000000000	0.000000000	1.142686e-03	0.000000e+00
##	SAMPLE	59	0.000000000	0.0539348932	0.000000000	3.087555e-01	2.747368e-01
##	SAMPLE	60	0.000000000	0.0033304561	0.000000000	2.800343e-02	6.756010e-04
##	SAMPLE	61	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	62	0.000000000	0.000000000	0.000000000	9.271976e-04	0.000000e+00
##	SAMPLE	63	0.000000000	0.000000000	0.000000000	1.430468e-02	4.033557e-03
##	SAMPLE	64	0.000000000	0.0063118994	0.002178308	1.377048e-02	0.000000e+00
##	SAMPLE	65	0.841556229	0.000000000	0.000000000	1.118397e+01	1.498442e-01
##	SAMPLE	66	0.000000000	0.000000000	0.000000000	9.488772e-03	5.529864e-03
##	SAMPLE	67	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	68	0.000000000	0.0623733168	0.138503023	3.904326e-02	2.495482e-02
##	SAMPLE	69	0.009886127	0.000000000	0.400949931	0.000000e+00	0.000000e+00
##	SAMPLE	70	0.093093495	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	71	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	72	0.000000000	0.000000000	0.003016787	0.000000e+00	0.000000e+00
##	SAMPLE	73	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	74	0.000000000	0.000000000	0.000000000	1.580347e-02	0.000000e+00
##	SAMPLE	75	0.000000000	0.000000000	1.143996213	0.000000e+00	0.000000e+00
##	SAMPLE	76	0.011963622	0.000000000	0.010429655	1.659530e-02	3.275411e-03
##	SAMPLE	77	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	78	0.000000000	0.000000000	0.143206644	2.370862e-02	2.618749e-02
##	SAMPLE	79	0.000000000	0.000000000	0.036945497	1.850759e-02	6.012575e-03
##	SAMPLE	80	0.045442567	0.0098610864	0.000000000	1.345953e-01	2.685490e-02
##	SAMPLE	81	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	82	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	83	0.001938699	0.0065630043	0.000000000	4.399899e-02	1.522085e-02
##	SAMPLE	84	0.000000000	0.000000000	0.000000000	3.163573e-01	0.000000e+00
##	SAMPLE	85	0.000000000	0.000000000	13.703317975	0.000000e+00	0.000000e+00
##	SAMPLE	86	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	87	0.000000000	0.000000000	0.118339977	5.019922e-03	0.000000e+00
##	SAMPLE	88	0.013930702	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	89	0.116050031	0.000000000	0.000000000	1.201405e+01	0.000000e+00
##	SAMPLE	90	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	91	0.000000000	0.0048935751	0.012647191	4.901963e-03	0.000000e+00
##	SAMPLE	92	0.000000000	0.000000000	0.000000000	4.257919e-03	0.000000e+00
##	SAMPLE	93	0.000000000	0.000000000	0.463311734	1.235685e-02	4.514415e-03
##	SAMPLE	94	0.000000000	0.000000000	0.000000000	0.000000e+00	4.875513e-04
##	SAMPLE	95	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	96	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00

##	SAMPLE	97	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	98	0.000000000	0.0074966515	0.000000000	9.385289e-03	3.626896e-03
##	SAMPLE	99	0.000000000	0.0174025767	0.000000000	3.671074e-01	1.271053e-01
##	SAMPLE	100	0.580355870	0.0006849576	0.000000000	2.630303e-04	0.000000e+00
##	SAMPLE	101	0.000000000	0.000000000	0.005074301	1.108890e-03	0.000000e+00
##	SAMPLE	102	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	103	0.090068210	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	104	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	105	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	106	0.000000000	0.000000000	0.238788358	0.000000e+00	0.000000e+00
##	SAMPLE	107	0.000000000	0.000000000	0.000000000	1.017096e-01	1.664744e-01
##	SAMPLE	108	0.136076648	0.0044004538	0.000000000	3.423319e-03	0.000000e+00
##	SAMPLE	109	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	110	0.000000000	0.000000000	0.049538075	2.445583e-02	0.000000e+00
##	SAMPLE	111	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	112	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	113	0.000000000	0.1664933185	0.000000000	1.191638e+01	7.249770e-01
##	SAMPLE	114	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	115	0.000000000	0.000000000	0.000000000	2.711509e-02	4.987251e-03
##	SAMPLE	116	0.000000000	0.0199189316	0.000000000	2.873261e-03	0.000000e+00
##	SAMPLE	117	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	118	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	119	0.000000000	0.000000000	0.000000000	0.000000e+00	0.000000e+00
##	SAMPLE	120	0.000000000	0.000000000	0.071593723	2.795977e-03	0.000000e+00
##	SAMPLE	121	0.000000000	0.000000000	0.000000000	5.406541e-04	0.000000e+00
##			OTU 878	OTU 888	OTU 1131	OTU 1134	
##	SAMPLE	1	0.0031253261	6.133035e-02	0.000000000	0.0031404738	
##	SAMPLE	2	0.000000000	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	3	0.0032490828	1.853334e-02	0.0011615989	0.000000000	
##	SAMPLE	4	0.0024610273	3.387385e-03	0.000000000	0.000000000	
##	SAMPLE	5	0.000000000	0.000000e+00	0.000000000	0.0058783973	
##	SAMPLE	6	0.2740876139	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	7	0.0186785709	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	8	0.0017989121	2.459385e-02	0.000000000	0.000000000	
##	SAMPLE	9	0.000000000	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	10	0.000000000	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	11	0.000000000	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	12	0.0073084602	1.354876e-02	0.000000000	0.0006289449	
##	SAMPLE	13	0.0079860653	9.061426e-03	0.000000000	0.000000000	
##	SAMPLE	14	0.000000000	4.069249e-03	0.000000000	0.000000000	
##	SAMPLE	15	0.000000000	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	16	0.0015544236	1.372390e-03	0.0021003271	0.0011174861	
##	SAMPLE	17	0.0085668473	8.358908e-03	0.0046706389	0.000000000	
##	SAMPLE	18	0.000000000	0.000000e+00	0.0055137074	0.3741181909	
##	SAMPLE	19	0.8282017375	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	20	0.000000000	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	21	0.0070862252	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	22	0.000000000	0.000000e+00	0.0204245940	0.000000000	
##	SAMPLE	23	0.0026074043	0.000000e+00	0.0007142814	0.0020727545	
##	SAMPLE	24	0.0340036529	0.000000e+00	0.000000000	0.0251580258	
##	SAMPLE	25	0.000000000	8.209509e-05	0.000000000	0.0047340675	
##	SAMPLE	26	0.000000000	9.622279e-06	0.000000000	0.0697540359	
##	SAMPLE	27	0.0057434689	1.441085e-02	0.0007216588	0.000000000	
##	SAMPLE	28	0.000000000	0.000000e+00	0.000000000	0.000000000	
##	SAMPLE	29	0.000000000	7.358567e-03	0.000000000	0.000000000	
##	SAMPLE	30	0.1025034986	0.000000e+00	0.000000000	0.000000000	

##	SAMPLE	31	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	32	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	33	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	34	0.0159663827	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	35	0.0001564337	6.611211e-04	0.0000000000	0.0264422277
##	SAMPLE	36	0.0008923259	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	37	0.0000000000	0.000000e+00	0.0000000000	0.0007224862
##	SAMPLE	38	0.0027157016	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	39	0.0096651210	3.162732e-04	0.0000000000	0.0000000000
##	SAMPLE	40	0.0000000000	2.045971e-02	0.0000000000	0.0000000000
##	SAMPLE	41	0.0000000000	5.416900e-03	0.0000000000	0.0110764765
##	SAMPLE	42	0.0185592054	0.000000e+00	0.0049140992	0.0000000000
##	SAMPLE	43	0.0154820268	3.286289e-02	0.0047992343	0.0000000000
##	SAMPLE	44	0.0000000000	1.720345e-02	0.0000000000	0.0000000000
##	SAMPLE	45	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	46	0.0112307764	0.000000e+00	0.0000000000	0.0189078549
##	SAMPLE	47	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	48	0.0188955300	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	49	0.0045840320	7.551098e-03	0.0000000000	0.0000000000
##	SAMPLE	50	0.0000000000	1.132290e-02	0.0028671691	0.0033875905
##	SAMPLE	51	0.0094681666	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	52	0.0057451635	0.000000e+00	0.0000000000	0.0006921534
##	SAMPLE	53	0.0004216363	0.000000e+00	0.0056326680	0.0012133209
##	SAMPLE	54	0.0613954969	1.046443e-02	0.0000000000	0.0255365155
##	SAMPLE	55	0.0000000000	6.611981e-03	0.0000000000	0.0000000000
##	SAMPLE	56	0.0241858084	0.000000e+00	0.0093533413	0.0000000000
##	SAMPLE	57	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	58	0.0162702007	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	59	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	60	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	61	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	62	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	63	0.0085696258	2.971399e-04	0.0006298318	0.0000000000
##	SAMPLE	64	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	65	0.0123451249	0.000000e+00	0.0362174507	0.0000000000
##	SAMPLE	66	0.0095948771	1.546926e-02	0.0007936543	0.0013098213
##	SAMPLE	67	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	68	0.0086315959	5.124177e-02	0.0000000000	0.0000000000
##	SAMPLE	69	0.0000000000	4.073200e-02	0.0000000000	0.0000000000
##	SAMPLE	70	0.0028332085	0.000000e+00	0.0217827258	0.0000000000
##	SAMPLE	71	0.0069577658	2.024303e-02	0.0000000000	0.0000000000
##	SAMPLE	72	0.0000000000	0.000000e+00	0.0040156769	0.0000000000
##	SAMPLE	73	0.0000000000	1.016843e-03	0.0000000000	0.0000000000
##	SAMPLE	74	0.0552277580	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	75	0.0000000000	0.000000e+00	0.7509789234	0.0000000000
##	SAMPLE	76	0.0073369446	0.000000e+00	0.0075847138	0.0086989158
##	SAMPLE	77	0.0080583446	3.062120e-03	0.0000000000	0.0000000000
##	SAMPLE	78	0.0000000000	9.440684e-04	0.0000000000	0.0000000000
##	SAMPLE	79	0.0000000000	3.665630e-03	0.0000000000	0.0000000000
##	SAMPLE	80	0.0290108638	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	81	0.0540728429	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	82	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	83	0.0000000000	8.661531e-03	0.0000000000	0.0000000000
##	SAMPLE	84	0.0000000000	0.000000e+00	0.0000000000	0.0000000000
##	SAMPLE	85	0.0000000000	2.804123e-02	0.0000000000	0.0000000000
##	SAMPLE	86	0.0077730923	3.417564e-04	0.0000000000	0.0000000000

```
## SAMPLE 87 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 88 0.0017831340 5.290234e-03 0.0052281583 0.0037247517
## SAMPLE 89 0.0050342675 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 90 0.0052638906 4.028750e-05 0.0000000000 0.0073457156
## SAMPLE 91 0.2852459395 3.428395e-02 0.0010783063 0.0050277687
## SAMPLE 92 0.0000000000 0.000000e+00 0.0032457722 0.0000000000
## SAMPLE 93 0.0155853365 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 94 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 95 0.0229123399 4.686177e-02 0.0016861083 0.0000000000
## SAMPLE 96 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 97 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 98 0.0017214906 2.633733e-03 0.0009489430 0.0000000000
## SAMPLE 99 0.0556662506 2.456412e-02 0.0000000000 0.0005371131
## SAMPLE 100 0.0039686767 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 101 0.0000000000 0.000000e+00 0.0000000000 0.0041226246
## SAMPLE 102 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 103 0.0023228469 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 104 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 105 0.0006403727 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 106 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 107 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 108 0.0000000000 1.298725e-03 0.0000000000 0.0000000000
## SAMPLE 109 0.0000000000 7.681306e-03 0.0000000000 0.0000000000
## SAMPLE 110 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 111 0.0000000000 0.000000e+00 0.0000000000 0.0003816146
## SAMPLE 112 0.0019034941 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 113 0.0029202057 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 114 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 115 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 116 0.0004505744 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 117 0.0007138960 3.034681e-04 0.0000000000 0.0000000000
## SAMPLE 118 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 119 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 120 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
## SAMPLE 121 0.0026524096 0.000000e+00 0.0000000000 0.0000000000
```

```
tss_s2$disease=factor(a)
colnames(tss_s2)=sub(' ','',colnames(tss_s2))
```

S2_TSS

```
set.seed(280)
hv_index <- createDataPartition(tss_s2$disease, p = .8, list = FALSE)
tr <- tss_s2[ hv_index, ]
te <- tss_s2[-hv_index, ]
```

We proceed to training by repeated cross-validation to adjust the hyperparameters of the model as we have done before. The results can be seen below:

```

library(e1071)
library(ranger)
set.seed(280)

tr_fit = trainControl(method= 'repeatedcv',repeats=5,search='grid',number = 10, class
Probs = TRUE,summaryFunction = twoClassSummary)
best_model = train(disease~., data=tr, trControl = tr_fit,method = 'ranger',metric =
'ROC')
best_model

```

```

## Random Forest
##
## 98 samples
## 184 predictors
## 2 classes: 'control', 'crc'
##
## No pre-processing
## Resampling: Cross-Validated (10 fold, repeated 5 times)
## Summary of sample sizes: 88, 89, 88, 88, 88, 89, ...
## Resampling results across tuning parameters:
##
## mtry  splitrule  ROC      Sens      Spec
## 2     gini       0.8434444 0.9326667 0.5300000
## 2     extratrees 0.8288333 0.9360000 0.3483333
## 93    gini       0.8454444 0.9086667 0.6666667
## 93    extratrees 0.8399722 0.8753333 0.6383333
## 184   gini       0.8355833 0.9293333 0.6366667
## 184   extratrees 0.8397500 0.8666667 0.6833333
##
## Tuning parameter 'min.node.size' was held constant at a value of 1
## ROC was used to select the optimal model using the largest value.
## The final values used for the model were mtry = 93, splitrule = gini
## and min.node.size = 1.

```

By adjusting the hyperparameters we obtain an AUC of 0.845 with the cross-validation with repetition, now we train this model with the entire training set and validate with the test set.

```

set.seed(280)

modelo_final = ranger(disease~.,data = tr ,mtry = 2 ,splitrule = 'gini',min.node.size
= 1,importance = 'impurity',probability=TRUE,keep.inbag = TRUE)

pred = predict(modelo_final, data=te, type="response")
pred = pred$predictions
ROC1_rf_mej <- roc(te$disease,pred[,2])

```

```
## Setting levels: control = control, case = crc
```

```
## Setting direction: controls < cases
```

```

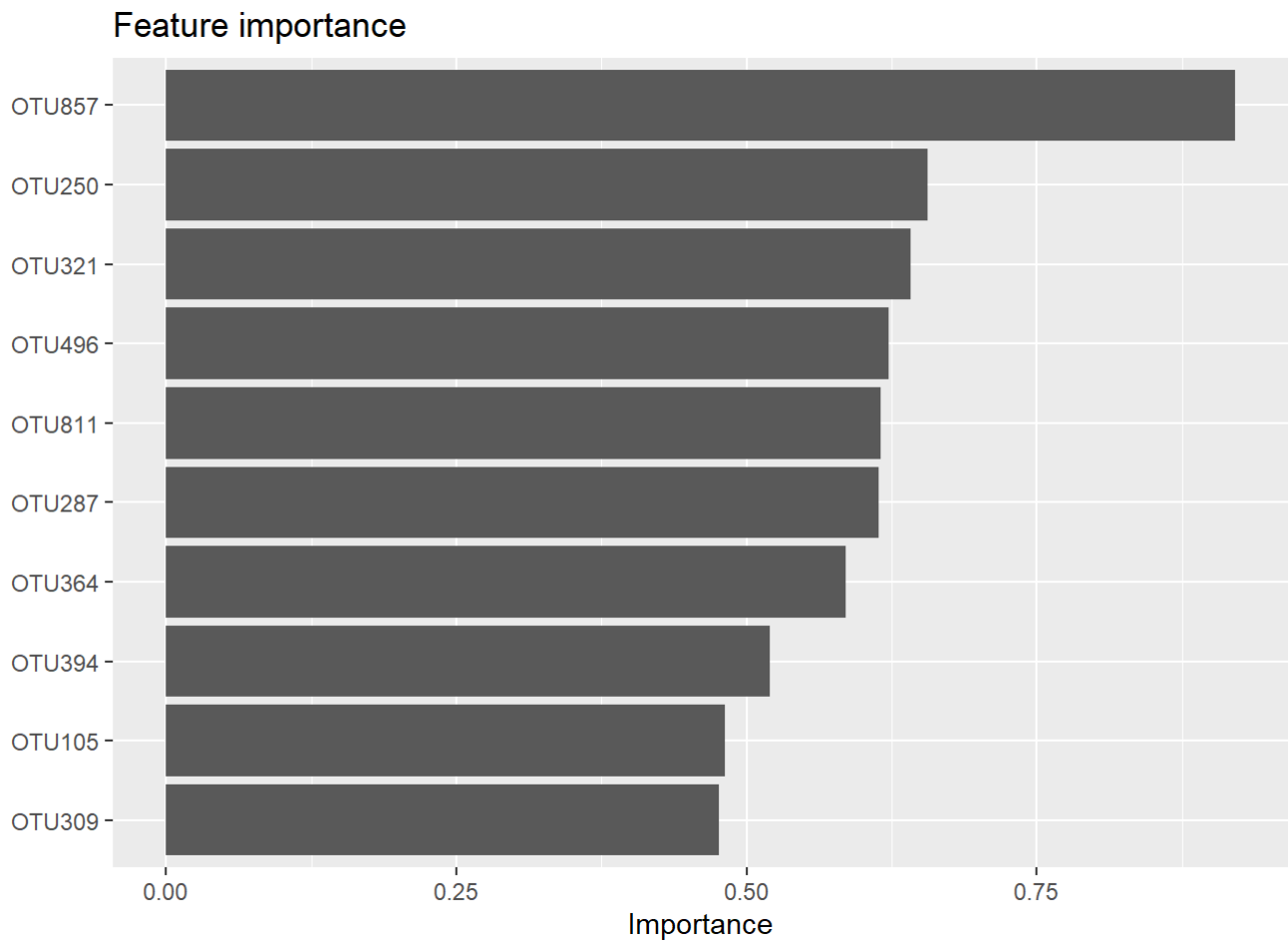
a_rf_mej=auc(ROC1_rf_mej)
a_rf_mej

```

```
## Area under the curve: 0.873
```

As has happened in the previous cases, the AUC obtained with this model is around 0.87, so we try to improve it by training new models selecting the most important variables. In this we only have 184 variables with an importance greater than 0. Below we can see the most important:

```
imp=sort(importance(modelo_final),decreasing=TRUE)
d=as.data.frame(imp)
library(vip)
c=vip(modelo_final)
c + ggtitle("Feature importance")
```



```
nrow(as.data.frame(d[which(d$imp>0),]))
```

```
## [1] 184
```

Finally, we train different models using a different number of variables each time, to see if this influences the final result:

```

set.seed(280)
max_auc = 0
variables=0
params=0
tr_fit = trainControl(method= 'repeatedcv',repeats=5,search='grid',number = 10, class
Probs = TRUE,summaryFunction = twoClassSummary)
for (i in seq(10,184,10)){
  data= tr[,c(rownames(d)[1:i],'disease')]
  best_model = train(disease~., data=data, trControl = tr_fit,method = 'ranger',metri
c = 'ROC')
  if (max(best_model$results$ROC)>max_auc){

    max_auc=max(best_model$results$ROC)
    variables=i
    params= best_model$bestTune
  }
}
print(paste('AUC= ',max_auc))
print(paste('NVars= ',variables))
params

```

The hyperparameters chosen with these variables are the following:

```

mtry = 2
Splitrule = gini
Min node size = 1

```

After training different models, we have obtained the best results by selecting the 16 most important features:

```

set.seed(280)
data_filt = tr[,c(rownames(d)[1:16],'disease')]
modelo_final = ranger(disease~.,data = data_filt,mtry = 2 ,splitrule = 'gini',min.nod
e.size = 1,importance = 'impurity',probability=TRUE,keep.inbag = TRUE)

pred = predict(modelo_final, data=te[,c(rownames(d)[1:16],'disease')], type="respons
e")
pred = pred$predictions
ROC1_rf_mej <- roc(te$disease,pred[,2])

```

```

## Setting levels: control = control, case = crc

```

```

## Setting direction: controls < cases

```

```

a_rf_mej=auc(ROC1_rf_mej)
a_rf_mej

```

```

## Area under the curve: 0.9365

```

```

library(MLmetrics)

data_filt = tr[,c(rownames(d)[1:16], 'disease')]
modelo_final = ranger(disease~., data = data_filt, mtry = 2, splitrule = 'gini', min.n
ode.size = 1,
                      importance = 'impurity', probability = FALSE, keep.inbag = TRUE
)

pred = predict(modelo_final, data=te[,c(rownames(d)[1:16], 'disease')], type="response")
pred = pred$predictions

F1_Score(te$disease, pred)

```

```
## [1] 0.9032258
```

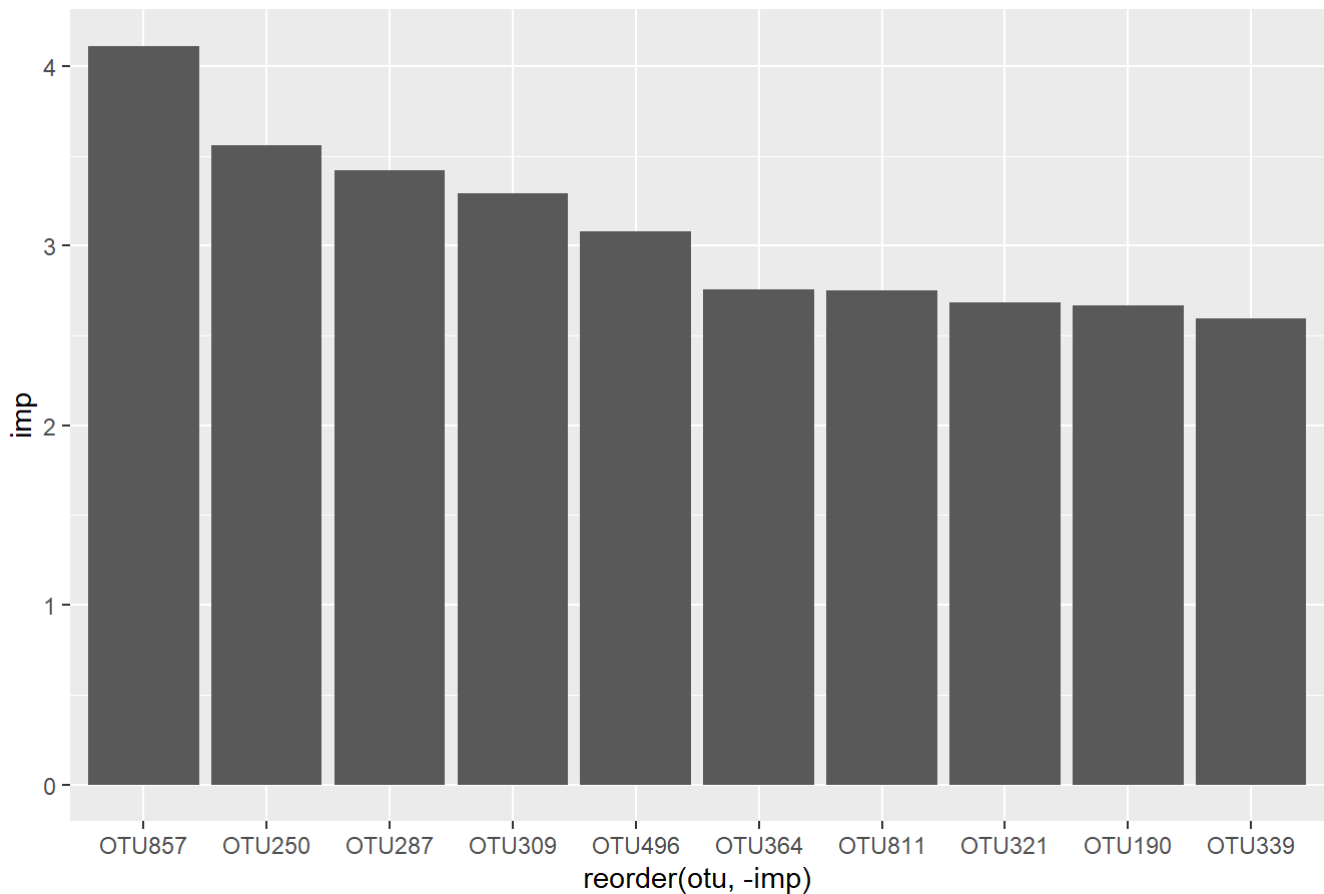
When validating the model on the test set, we obtain an AUC of 0.93 and an F1 Score of 0.90, values quite similar to those obtained with the same preprocessing but with S1 filtering. This may be due to the fact that if the variables in the S1 TSS model continue to be in the dataframe of the S2 filter, the results should be almost identical, since the most important variables should be the same and therefore the classification of the individuals should be the same. To test this hypothesis, we show the most important variables in this model:

```

imp=sort(importance(modelo_final),decreasing=TRUE)
d=as.data.frame(imp)
d$otu = rownames(d)
p = ggplot(d[1:10,],aes(y=imp,x=reorder(otu,-imp))) + geom_col() + ggtitle('Feature i
mportance')
p

```

Feature importance



As expected, practically the same variables appear in the graph as in the same graph of the model corresponding to the preprocessed S1-TSS, so the differences in the statistics may be due to randomForest randomization, since the data are the same in both models, since the variables that help to differentiate between individuals are present in both data sets. The only difference is that the order of importance sometimes is not the same.

S2_CLR

Finally, we are going to adjust the random forest on the last preprocessing that we have left, the CLR with the S2 filtering. From the results observed throughout the report, the results of this model should be quite similar to those obtained in the model with the preprocessed S1 CLR, since the variables that help to separate the classes well are the same in both preprocesses. . We will see if at the end of this analysis we can corroborate this hypothesis. To do this, we first adjust the random forest using all the variables through cross-validation with repetition, as we have been doing in the 3 previous cases

```
set.seed(280)
hv_index <- createDataPartition(clr_s2$disease, p = .8, list = FALSE)
tr <- clr_s2[ hv_index, ]
te <- clr_s2[-hv_index, ]
```

```

library(e1071)
library(ranger)
set.seed(280)

tr_fit = trainControl(method= 'repeatedcv',repeats=5,search='grid',number = 10, class
Probs = TRUE,summaryFunction = twoClassSummary)
best_model = train(disease~., data=tr, trControl = tr_fit,method = 'ranger',metric =
'ROC')
best_model

```

```

## Random Forest
##
## 98 samples
## 184 predictors
## 2 classes: 'control', 'crc'
##
## No pre-processing
## Resampling: Cross-Validated (10 fold, repeated 5 times)
## Summary of sample sizes: 88, 89, 88, 88, 88, 89, ...
## Resampling results across tuning parameters:
##
## mtry  splitrule  ROC      Sens      Spec
## 2     gini       0.8496111 0.9333333 0.5550000
## 2     extratrees 0.8317778 0.9466667 0.3116667
## 93    gini       0.8370000 0.9026667 0.7100000
## 93    extratrees 0.8352222 0.8760000 0.6650000
## 184   gini       0.8396667 0.9093333 0.6716667
## 184   extratrees 0.8335556 0.8800000 0.6783333
##
## Tuning parameter 'min.node.size' was held constant at a value of 1
## ROC was used to select the optimal model using the largest value.
## The final values used for the model were mtry = 2, splitrule = gini
## and min.node.size = 1.

```

Next, we train the model that has given us the best AUC (0.8496), with the entire training set, and predict the test set.

```

set.seed(280)

modelo_final = ranger(disease~.,data = tr ,mtry = 2 ,splitrule = 'gini',min.node.size
= 1,importance = 'impurity',probability=TRUE,keep.inbag = TRUE)

pred = predict(modelo_final, data=te, type="response")
pred = pred$predictions
ROC1_rf_mej <- roc(te$disease,pred[,2])

```

```
## Setting levels: control = control, case = crc
```

```
## Setting direction: controls < cases
```

```

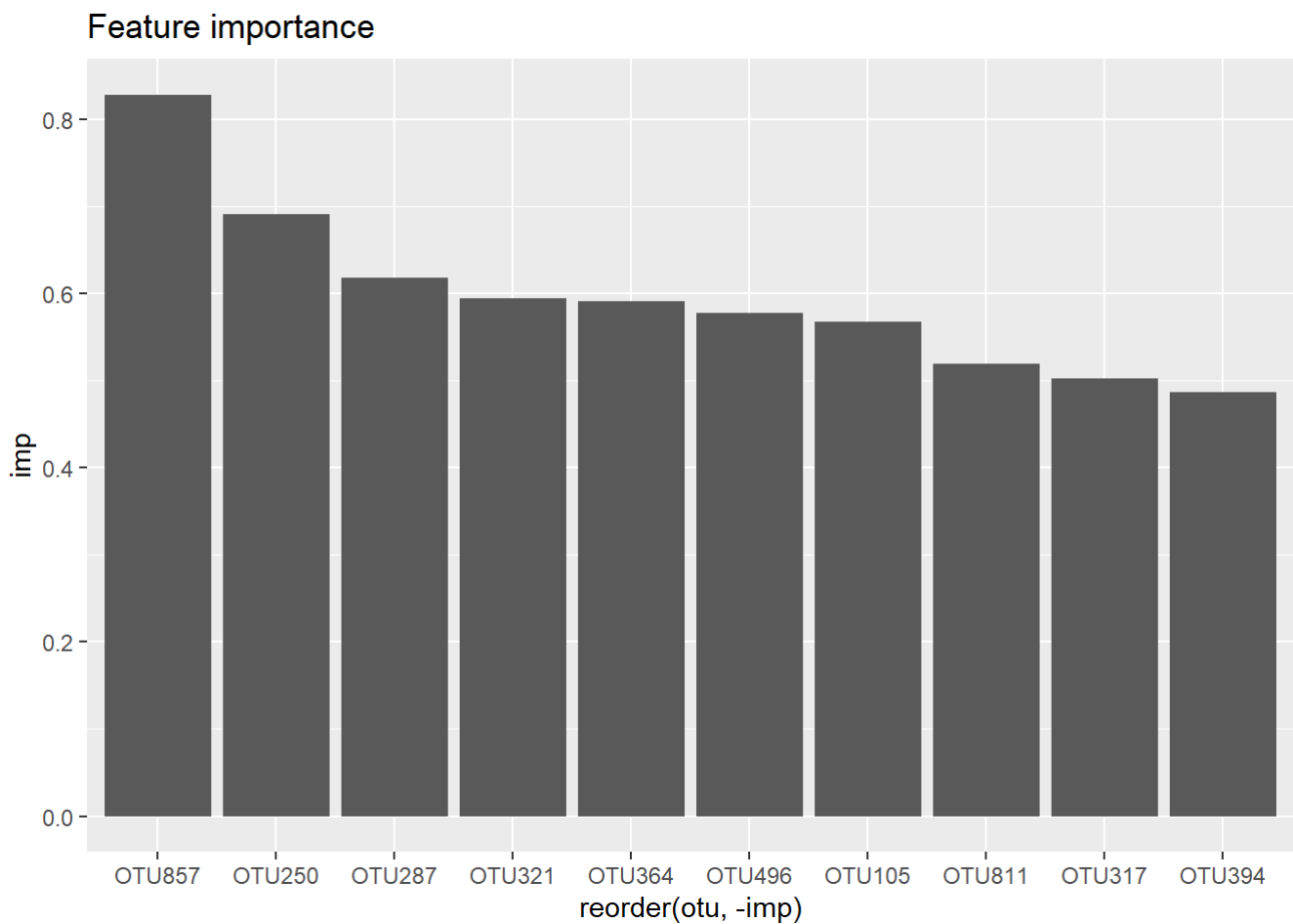
a_rf_mej=auc(ROC1_rf_mej)
a_rf_mej

```

```
## Area under the curve: 0.8651
```

The AUC achieved with the test set is similar to the previous cases, 0.86 . To improve it, we train models by selecting a different number of variables, in this case we have 184 variables with importance greater than 0. The most important ones can be seen below:

```
library(ggplot2)
imp=sort(importance(modelo_final),decreasing=TRUE)
d=as.data.frame(imp)
d$otu = rownames(d)
p = ggplot(d[1:10,],aes(y=imp,x=reorder(otu,-imp))) + geom_col() + ggtitle('Feature i
importance')
p
```



```
nrow(as.data.frame(d[which(d$imp>0),]))
```

```
## [1] 184
```

After training the different models by filtering variables, the best model obtained is the following:

```

set.seed(280)
max_auc = 0
variables=0
params=0
tr_fit = trainControl(method= 'repeatedcv',repeats=5,search='grid',number = 10, class
Probs = TRUE,summaryFunction = twoClassSummary)
for (i in seq(16,25,1)){
  data= tr[,c(rownames(d)[1:i], 'disease')]
  best_model = train(disease~., data=data, trControl = tr_fit,method = 'ranger',metri
c = 'ROC')
  if (max(best_model$results$ROC)>max_auc){

    max_auc=max(best_model$results$ROC)
    variables=i
    params= best_model$bestTune
  }
}
print(paste('AUC= ',max_auc))
print(paste('NVars= ',variables))
params

```

In this case, we obtain an AUC of 90% better than with the previous preprocessing and using half of the variables (17). Also, the hyperparameters are completely different:

```

Mtry = 2
Splitrule = gini
Min node size = 1

```

Finally, we train this model with the entire training set and predict the test set:

```

set.seed(280)
data_filt = tr[,c(rownames(d)[1:17], 'disease')]
modelo_final = ranger(disease~.,data = data_filt,mtry = 2 ,splitrule = 'gini',min.nod
e.size = 1,importance = 'impurity',probability=TRUE,keep.inbag = TRUE)

pred = predict(modelo_final, data=te[,c(rownames(d)[1:17], 'disease')], type="respons
e")
pred = pred$predictions
ROC1_rf_mej <- roc(te$disease,pred[,2])

```

```
## Setting levels: control = control, case = crc
```

```
## Setting direction: controls < cases
```

```

a_rf_mej=auc(ROC1_rf_mej)
a_rf_mej

```

```
## Area under the curve: 0.9286
```

```

library(MLmetrics)

data_filt = tr[,c(rownames(d)[1:17], 'disease')]
modelo_final = ranger(disease~., data = data_filt, mtry = 2, splitrule = 'gini', min.n
ode.size = 1,
                      importance = 'impurity', probability = FALSE, keep.inbag = TRUE
)

pred = predict(modelo_final, data=te[,c(rownames(d)[1:17], 'disease')], type="response")
pred = pred$predictions

F1_Score(te$disease, pred)

```

```
## [1] 0.8484848
```

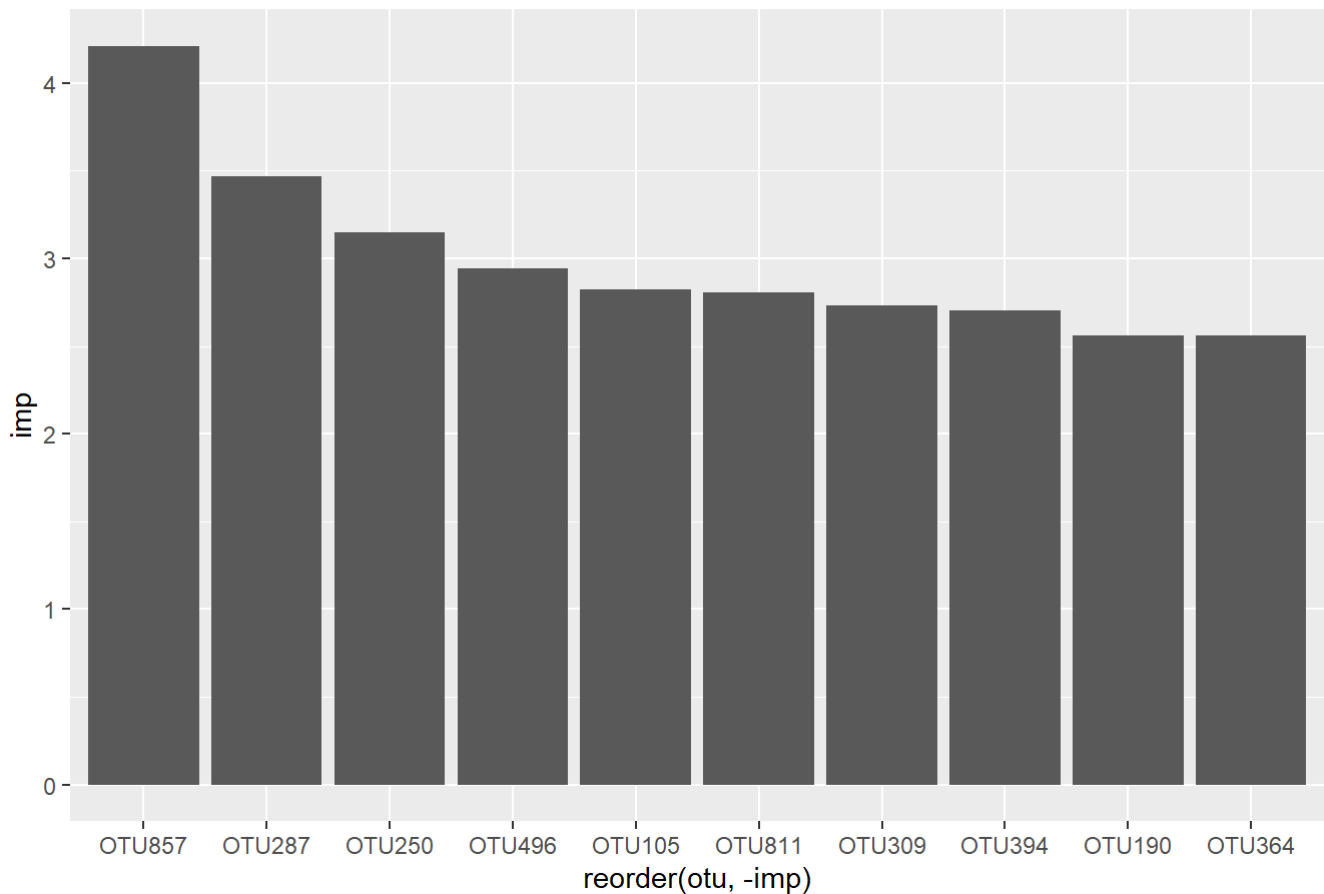
As expected, the results are again similar to those obtained with the CLR preprocessing in the S1 filter, nevertheless the AUC of the S1-CLR model was a little bit higher than this one. Now we have to onfirming our hypothesis, we are going to see if the most important variables of this model also coincide with those of the previous 3:

```

library(ggplot2)
imp=sort(importance(modelo_final),decreasing=TRUE)
d=as.data.frame(imp)
d$otu = rownames(d)
p = ggplot(d[1:10,],aes(y=imp,x=reorder(otu,-imp))) + geom_col() + ggtitle('Feature i
mportance')
p

```

Feature importance



With this graph we confirm our assumptions, since we return to see species 857, 287 250 and 496 among others, so once again we think that filtering the data does not affect the results, since the variables that help to separate the classes are present in both filters of the data. However, it should be noted that the OTUS observed are the same, but the order of the OTUS is not the same in S1 and S2. This is probably what makes the results slightly different.

Conclusion.

In conclusion, we can say that the differences between filtering are almost non-existent, while it seems that better results are obtained with the TSS processing than with the CLR, based on the AUC and the F1 obtained in the different models. In this way, with the CLR and filtering by the most important variables, we get higher results than the best results obtained by Pasolli. In addition, in the 4 trained models, the variables that are most important in the models are practically the same, and when relating them to the taxonomy of the species, we have not found a great degree of relationship between them, so it does not seem that said species have a lot of relationship with each other.