

Supplemental Table 5. Gene statistics for each layer of the EN 588 and EN 604 metatranscriptomes. Statistics were found using JGI Institute Integrated Microbial Genomes (IMG) web interface.

Genome Name	Number of RNA genes	Number of rRNA genes	Number of 5S rRNA's	Number of 16S rRNA's	Number of 18S rRNA's	Number of 23S rRNA's	Number of 28S rRNA's	Number of tRNA genes	Number of Genes with Predicted Protein Product	Genes with Predicted Protein Product (percentage)	Genes without Predicted Protein Product (percentage)
2016-5m	5915	2118	85	743	0	1290	0	1550	176879	35.91%	64.0900%
2016-16m	2896	411	3	175	0	233	0	1187	194457	39.02%	60.9800%
2016-30m	7674	3032	192	899	0	1941	0	1676	278064	36.07%	63.9300%
2017-3m	10741	3535	259	1310	0	1966	0	3369	533049	30.76%	69.2400%
2017-30m	16063	5868	439	1617	0	3812	0	4094	693549	29.29%	70.7100%
2017-40m	11729	4313	355	1236	0	2722	0	2802	490067	30.08%	69.9200%