

Table 1 Efficient sequencing information statistics of 16S rRNA samples

Sample	Reads	Mean	Min	Max	OTU	Cover.	Ace	Shannon
SEATS_surface	63804	432.12	387	454	468	99.85	517	3.50
SEATS_68m	70929	443.36	332	466	394	99.83	470	3.27
SEATS_200m	77982	444.93	298	462	741	99.74	867	3.04
SEATS_750m	72767	446.23	278	515	633	99.74	756	2.72
SS1_surface	81677	430.10	291	462	496	99.87	555	2.63
SS1_105m	93821	429.69	338	493	488	99.91	530	3.29
SS1_200m	80679	435.39	366	462	893	99.84	956	5.03
SS1_750m	71756	436.32	305	467	843	99.94	857	4.78
A2_surface	61845	430.90	270	464	506	99.85	559	3.01
B1_surface	64261	431.38	365	492	479	99.83	539	3.38
C1_surface	83617	430.76	347	464	461	99.86	545	3.02