





Sample Number	Alphaproteobacteria	Betaproteobacteria	Gammaproteobacteria	Deltaproteobacteria	Epsilonproteobacteria	Proteobacteria	Acidobacteria	Actinobacteria	Aquificae	Bacteroidetes	Caldiserica	Chlamydiae	Chlorobi	Chloroflexi	Deferribacteres	Deinococcus-Thermus	Firmicutes	Fusobacteria	Gemmatimonadete	Lentishaeae	Nitrospira	Planctomycetes	Spirochaetes	Synergistales	Thermodesulfobacteria	Thermotogae	Verrucomicrobia	Unclassified Bacteria_Incertae_sedis	Cyanobacteria	Candidate Division TM7	Candidate Division WS3	Tenericutes	Candidate Division SR1	Chrysiogenetes	Candidate Division OD1	Candidate Division OP10	Candidate Division BRC1	Fibrobacteres	Candidate Division OP11	Unclassified Candidate Division TM7	Unclassified Candidate Division WS3	Unclassified Candidate Division OD1	Unclassified Candidate Division SR1	Unclassified Candidate Division OP10	Unclassified Candidate Division OP11	Unclassified Candidate Division BRC1	Total		
HOR-10-50C	605	70	1310	327	11	2323	334	308	7	513	0	6	4	151	37	9	106	0	18	49	85	310	4	4	1	2	48	0	463	13	4	0	0	0	1	0	1	0	0	0	13	4	1	0	0	0	0	1	4801
HOR-10-51A	579	83	1504	377	13	2556	348	344	8	478	1	3	2	177	32	7	116	0	37	141	79	462	11	2	10	6	48	1	1411	7	10	1	0	0	0	0	0	0	0	0	7	10	0	0	0	0	0	0	6298
HOR-10-51B	348	33	668	855	6	1910	200	193	6	269	0	2	5	105	18	5	52	2	15	31	43	166	3	0	2	1	38	0	420	1	2	0	0	0	0	1	0	0	0	0	0	1	2	1	0	0	0	0	2830
HOR-10-52A	3958	770	67	315	2	5112	624	1121	1	1581	0	0	1	34	0	25	117	15	111	1	3	44	0	0	0	0	3	21	13	34	0	4	0	0	4	81	0	0	0	0	34	0	4	0	81	0	0	0	8650
HOR-11-58A	949	341	183	110	5	1588	331	1321	11	438	1	1	2	89	0	53	210	2	99	3	16	137	1	2	7	0	43	3	76	2	3	0	0	0	0	0	13	0	0	0	2	3	0	0	13	0	0	0	4452
HOR-11-58B	1063	386	213	114	15	1791	420	907	36	284	1	2	0	107	0	19	129	0	224	1	9	161	0	1	7	0	35	9	10	28	0	0	0	0	1	1	5	0	0	0	28	0	1	0	1	0	5	4188	
HOR-11-58C	703	304	74	129	15	1225	602	1675	12	332	6	0	0	187	1	57	89	0	270	4	7	130	0	4	4	2	74	8	6	7	0	2	0	0	0	4	1	0	0	7	0	0	0	4	0	1	4709		
HOR-11-59A	819	169	117	123	8	1236	327	1031	10	359	0	1	5	90	1	62	134	0	71	4	11	184	1	2	9	4	16	1	79	2	1	0	0	0	0	0	3	1	0	0	2	1	0	0	3	0	1	3645	
HOR-11-59B	597	306	215	308	6	1432	1580	546	16	56	24	2	4	265	5	7	309	0	38	7	29	306	0	0	23	28	20	0	3	5	39	0	0	0	0	4	0	1	0	5	39	0	0	4	0	0	0	4749	
HOR-11-59C	682	1066	323	261	8	2340	1190	567	10	62	6	1	1	225	4	3	369	0	24	2	15	189	1	1	28	11	11	1	2	14	12	5	0	0	2	9	0	9	1	14	12	2	0	9	1	0	5115		
HOR-11-60A	1040	158	194	164	3	1559	562	1456	12	338	0	0	0	162	0	16	245	0	30	2	7	128	0	2	8	3	25	0	260	12	3	0	0	0	0	1	0	0	0	0	12	3	0	0	1	0	0	0	4831
HOR-11-60B	446	342	379	334	2	1503	1124	1269	15	112	2	1	7	185	1	10	179	1	88	26	60	266	0	1	11	8	77	0	260	5	63	0	0	0	0	2	0	0	0	5	63	0	0	2	0	0	0	5276	
HOR-11-60C	167	61	1243	173	3	1647	645	146	4	43	1	3	4	82	1	0	2045	0	47	22	48	102	0	3	8	0	26	0	22	0	10	0	0	0	0	0	3	1	1	4	0	10	0	0	3	4	1	4918	
HOR-11-62A	512	16	105	19	0	652	0	79	2	204	0	1	0	13	0	19	4046	0	0	6	0	43	0	0	1	0	35	0	335	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	5446
HOR-11-62B	179	68	859	439	1128	2673	75	89	2	403	1	5	24	233	48	7	213	16	3	52	28	109	77	0	6	2	17	1	30	3	15	4	0	0	7	0	0	0	0	0	3	15	7	0	0	0	0	4143	
HOR-11-62C	343	88	1276	413	234	2354	101	112	2	887	1	11	71	204	39	10	151	34	7	48	3	106	73	1	5	0	25	0	33	4	10	5	0	1	4	0	0	0	0	4	10	4	0	0	0	0	4302		
HOR-11-63A	641	320	226	8	0	1195	2	371	1	435	0	0	0	8	0	4	2059	0	0	6	0	29	0	0	1	0	7	0	129	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4248
HOR-11-63B	137	133	439	297	2465	3471	87	28	0	462	0	3	24	35	39	1	463	0	3	20	17	70	9	0	0	0	14	1	13	0	0	0	3	0	1	0	2	0	0	0	0	1	3	0	0	2	4766		
HOR-11-63C	150	34	364	196	2282	3026	53	33	2	260	0	2	7	35	9	4	186	4	1	6	5	56	12	0	1	1	11	0	5	1	0	25	0	0	0	0	1	0	0	1	0	0	0	0	1	3746			
HOR-11-64A	2091	120	744	68	0	3023	3	227	0	694	0	1	0	12	2	64	3066	0	0	14	0	82	12	3	1	0	196	0	232	0	0	1	3	0	1	0	0	0	0	0	0	1	3	0	0	0	0	7565	
HOR-11-64B	877	16	1691	295	23	2902	72	103	6	1076	0	2	4	41	12	1	153	20	5	20	11	89	6	2	3	0	52	0	15	0	3	11	0	0	2	0	0	0	0	0	0	0	3	2	0	0	0	4611	
HOR-11-64C	631	40	1130	131	3	1935	48	96	5	1696	0	3	4	39	11	0	62	0	6	18	15	72	7	1	0	0	20	0	11	3	4	0	0	0	1	0	0	0	0	3	4	1	0	0	0	0	4057		
HOR-11-65A	2526	531	145	131	0	3333	22	583	5	2440	0	0	0	10	0	9	259	0	21	0	9	75	0	0	1	0	2	0	5	11	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	6811	
HOR-11-65B	1005	538	2278	364	13	4198	724	278	5	801	1	16	16	95	10	17	176	0	145	56	125	224	2	1	7	1	278	0	0	533	8	0	0	0	4	2	3	0	0	533	8	4	0	2	0	3	7726		

Tables S4

Sample Number	<i>Alphaproteobacteria</i>	<i>Betaproteobacteria</i>	<i>Gammaproteobacteria</i>	<i>Deltaproteobacteria</i>	<i>Epsilonproteobacteria</i>	Proteobacteria	Acidobacteria	Actinobacteria	Aquificae	Bacteroidetes	Caldiserica	Chlamydiae	Chlorobi	Chloroflexi	Deferribacteres	Deinococcus-Thermus	Firmicutes	Fusobacteria	Gemmatimonadete	Lentishaeae	Nitrospira	Planctomycetes	Spirochaetes	Synergistales	Thermodesulfobacteria	Thermotogae	Verrucomicrobia	Unclassified Bacteria_Incertae_sedis	Cyanobacteria	Candidate Division TM7	Candidate Division WS3	Tenericutes	Candidate Division SR1	Chrysiogenetes	Candidate Division OD1	Candidate Division OP10	Candidate Division BRC1	Fibrobacteres	Candidate Division OP11	Unclassified Candidate Division TM7	Unclassified Candidate Division WS3	Unclassified Candidate Division OD1	Unclassified Candidate Division SR1	Unclassified Candidate Division OP10	Unclassified Candidate Division OP11	Unclassified Candidate Division BRC1	Total
HOR-11-65C	599	274	1321	360	11	2565	466	163	2	1239	1	4	12	56	3	5	115	0	81	29	90	186	0	0	5	0	78	3	5	67	6	1	0	0	0	10	1	0	0	67	6	0	0	10	0	1	5193
HOR-11-67A	688	90	1698	618	12	3106	499	309	6	531	0	9	5	145	52	4	116	1	45	64	135	303	20	1	5	5	61	3	188	3	8	0	0	1	1	0	1	0	0	3	8	1	0	0	0	1	5627
HOR-11-67B	644	86	2196	677	18	3621	445	351	7	685	0	10	9	187	69	13	137	0	55	74	142	368	17	12	5	3	59	1	324	4	4	0	0	2	0	1	0	0	4	4	0	0	1	0	0	6605	
HOR-11-67C	467	79	1710	715	9	2980	441	280	6	495	3	7	4	155	47	6	133	5	59	80	127	360	16	10	12	3	52	2	186	2	4	0	0	0	2	0	3	0	0	2	4	2	0	0	3	5480	
HOR-11-68A	557	78	1731	711	20	3097	376	322	6	360	1	11	2	164	59	5	117	5	50	53	142	332	20	5	5	3	61	3	212	0	11	0	0	2	2	0	0	0	0	0	11	2	0	0	0	0	5426
HOR-11-68B	463	77	1771	686	22	3019	359	272	4	455	0	8	5	172	54	7	117	1	62	65	141	330	16	7	3	6	29	1	156	1	7	0	0	0	0	0	1	0	0	1	7	0	0	0	0	1	5298
HOR-11-68T	1126	12	3805	222	122	5287	72	34	2	75	0	0	5	47	7	2	43	0	4	7	0	38	10	4	0	0	2	1	14	1	10	0	0	0	0	0	0	0	0	0	1	10	0	0	0	0	5665