Table S4. Sequencing statistics and Good's coverage estimates for 16S and ITS datasets.

16S	Type	Palc	total count	bad count	good count	Assigned_Reads	Goods_Coverage
BC01	CTRL	GS_I	31139	18359	12780	7646	0.9074
BC13	CTRL	GS_I	31693	16992	14701	8213	0.9312
BC25	CTRL	GS_I	14792	8001	6791	3890	0.9147
BC37	EM	GS_I	22809	11829	10980	5877	0.9156
BC49	EM	GS_I	40096	21864	18232	9652	0.941
BC61	EM	GS_I	111865	79066	32799	16376	0.9524
BC02	EM_ext	GS_I	35295	19517	15778	8663	0.8713
BC14	EM_ext	GS_I	211835	111374	100461	56871	0.9154
BC26	EM_ext	GS_I	273259	178330	94929	44130	0.9405
BC38	CTRL	GS_II	138761	74615	64146	39032	0.9771
BC50	CTRL	GS_II	246744	151000	95744	55474	0.9846
BC62	CTRL	GS_II	182993	102289	80704	49440	0.9798
BC03	EM	GS_II	31136	16280	14856	8704	0.8986
BC15	EM	GS_II	22860	13058	9802	5266	0.9144
BC27	EM	GS_II	111191	55322	55869	33235	0.9239
BC39	EM_ext	GS_II	64139	31028	33111	21971	0.9296
BC51	EM_ext	GS_II	69880	39121	30759	22613	0.9799
BC63	EM_ext	GS_II	67039	38774	28265	21279	0.9942
BC04	CTRL	GS_III	14669	9053	5616	4163	0.9757
BC16	CTRL	GS_III	37582	21504	16078	11913	0.9818
BC28	CTRL	GS_III	1517	873	644	548	0.938
BC40	EM	GS_III	81152	42079	39073	25642	0.92
BC52	EM	GS_III	89937	48596	41341	28511	0.9386
BC64	EM	GS_III	86537	45825	40712	27386	0.9249
BC05	EM_ext	GS_III	76813	51274	25539	18369	0.9972
BC17	EM_ext	GS_III	26835	16109	10726	7927	0.9899
BC29	EM_ext	GS_III	121294	70461	50833	37591	0.9942
BC41	CTRL	R	90644	47140	43504	33719	0.9655
BC53	CTRL	R	108923	53439	55484	42280	0.962
BC65	CTRL	R	103368	53570	49798	38069	0.969
BC06	EM	R	54771	30043	24728	18009	0.9496
BC18	EM	R	48157	26625	21532	16029	0.9679
BC30	EM	R	147938	76454	71484	52386	0.9559
BC42	EM_ext	R	175383	98123	77260	59361	0.9852
BC54	EM_ext	R	51230	28017	23213	17943	0.9824
BC66	EM_ext	R	76003	42549	33454	25191	0.9808
BC85	Soil	Soil	36582	20297	16285	11867	0.9166
BC86	Soil	Soil	37561	21135	16426	12654	0.9682
BC87	Soil	Soil	55647	32210	23437	18026	0.9809

ITS	Type	Palc	total count	bad count	good count	Asigned reads	Good_coverage
BC07	CTRL	GS_I	102916	57308	45608	21435	0.6
BC19	CTRL	GS_I	49576	27171	22405	10530	0.5
BC31	CTRL	GS_I	72503	42751	29752	14280	0.55
BC43	EM	GS_I	147135	85475	61660	28363	0.53
BC55	EM	GS_I	133807	67168	66639	29321	0.5
BC67	EM	GS_I	56298	30613	25685	11044	0.58
BC08	EM_ext	GS_I	32424	16964	15460	6184	0.5
BC20	EM_ext	GS_I	58188	30023	28165	12674	0.52
BC32	EM_ext	GS_I	83552	40947	42605	20450	0.6
BC44	CTRL	GS_II	56067	30685	25382	11421	0.51
BC56	CTRL	GS_II	94996	52759	42237	18161	0.55
BC68	CTRL	GS_II	95861	54928	40933	19238	0.52
BC09	EM	GS_II	44671	23778	20893	10237	0.55
BC21	EM	GS_II	27466	13922	13544	6636	0.52
BC33	EM	GS_II	51581	26502	25079	10783	0.55
BC45	EM_ext	GS_II	104891	59848	45043	19368	0.55
BC57	EM_ext	GS_II	66053	32574	33479	16404	0.56
BC69	EM_ext	GS_II	76473	42900	33573	13764	0.58
BC10	CTRL	GS_III	42563	29681	12882	5410	0.5
BC22	CTRL	GS_III	55920	32439	23481	10801	0.56
BC34	CTRL	GS_III	49842	27732	22110	10170	0.6
BC46	EM	GS_III	118181	61231	56950	27905	0.54
BC58	EM	GS_III	112125	62616	49509	19803	0.53
BC70	EM	GS_III	170821	98459	72362	28944	0.53
BC11	EM_ext	GS_III	25402	14899	10503	5146	0.54
BC23	EM_ext	GS_III	70686	44483	26203	11005	0.59
BC35	EM_ext	GS_III	98943	58698	40245	17305	0.6
BC47	CTRL	R	113921	68329	45592	19604	0.59
BC59	CTRL	R	80763	48518	32245	13542	0.6
BC71	CTRL	R	99578	59157	40421	18189	0.58
BC12	EM	R	31212	17547	13665	6695	0.55
BC24	EM	R	77699	43978	33721	14837	0.56
BC36	EM	R	29386	16891	12495	5497	0.53
BC48	EM_ext	R	68759	37871	30888	12972	0.52
BC60	EM_ext	R	47271	28350	18921	7568	0.55
BC72	EM_ext	R	137210	89344	47866	22497	0.6
BC91	Soil	Soil	32504	20326	12178	5967	0.52
BC92	Soil	Soil	41929	26347	15582	6388	0.55
BC93	Soil	Soil	106452	57819	48633	20912	0.58