

S2 Table. Sequence counts (nseqs) during sequence analysis, OTU counts of the final dataset, and normalized values based on the final dataset.

location	group	nseqs	nseqs	nseqs	nseqs	OTUs	nseqs	OTUs
		raw data	quality checked	Chimera checked	final		normalized	
Iceland	IC_1	12679	7158	6018	5823	16	1862	12
	IC_2	10599	6099	5267	5053	25	1861	22
	IC_4	23033	9233	4702	1863	37	1863	37
	IC_5	62899	36914	16714	15570	108	1854	81
	IC_6	13588	7733	6644	6432	48	1859	41
	IC_3	23602	12838	6674	3607	20	1865	20
	IC_7	32816	16966	11351	9131	23	1862	20
	ave_IC	25602	13849	8196	6783	40	1861	33
	% of raw	100	54	32	26		7	
Germany	DE_cg	63314	37197	13564	12592	113	1857	82
	DE_sa	51516	25543	7549	6962	55	1859	45
	DE_si	32413	18727	8810	8087	73	1861	55
	ave_DE	49081	27156	9974	9214	80	1859	61
	% of raw	100	55	20	19		4	
France	FR_T4	52114	29243	9761	6883	124	1859	97
	FR_G	13819	8086	2646	2228	56	1869	56
	FR_N1_3	19515	8450	4811	3558	60	1875	60
	FR_T1_2	50230	24921	11952	9678	76	1864	63
	FR_MSM	67748	40052	20335	7502	36	1862	34
	FR_N4_5	36603	20189	12424	11300	63	1860	47
	FR_T3	39281	23419	15823	14648	90	1855	53
	ave_FR	39901	22051	11107	7971	72	1863	59
	% of raw	100	55	28	20		5	
Croatia	CR	43357	25039	22920	22063	53	1858	43
	ave_CR	43357	25039	22920	22063	53	1858	43
	% of raw	100	58	53	51		4	
Oman	OM_X	151083	121860	76069	71549	174	1856	103
	OM_1	106687	84501	62858	60953	154	1851	57
	OM_3	61891	46925	25131	23074	204	1848	125
	OM_2	52748	38910	15380	12647	276	1851	180
	OM_4	114707	87827	60722	57341	179	1848	74
	OM_5	91860	69229	49973	47186	135	1861	73
	ave_OM	96496	74875	48356	45458	187	1853	102
	% of raw	100	78	50	47		2	
total numbers		1228102	807059	478098	425730	989	44620	889
% of raw data		100	66	39	35		4	

Sequence and OTU numbers were shown per sample. Percentage of raw data was calculated for averaged sequence numbers per location and for summarized sequence numbers of the complete dataset.