

Supplements

Table S2: Microbial sequencing data labels to synchronize data analysis with R script provided in “Data analysis Manuscript Gutekunst et al. 2022” with the deposited samples at ENA database (Project Identifier: PRJEB52161, Sample Identifiers: ERS11559347 - ERS11559443, Run identifiers: ERR9538456 - ERR9538552)

Sample label	Original sample label	Sample accession in ENA	Sub-file name
c_2019_may_HC2_00-00a_bac_DNA	c_2019_may_HC2_00-00a	ERS11559347	DNA_bac
c_2019_may_HC2_00-00b_bac_DNA	c_2019_may_HC2_00-00b	ERS11559348	DNA_bac
c_2019_may_HC2_00-20a_bac_DNA	c_2019_may_HC2_00-20a	ERS11559349	DNA_bac
c_2019_may_HC2_00-20b_bac_DNA	c_2019_may_HC2_00-20b	ERS11559350	DNA_bac
c_2019_may_HC2_20-40a_bac_DNA	c_2019_may_HC2_20-40a	ERS11559351	DNA_bac
c_2019_may_HC2_20-40b_bac_DNA	c_2019_may_HC2_20-40b	ERS11559352	DNA_bac
c_2019_may_HC2_40-50a_bac_DNA	c_2019_may_HC2_40-50a	ERS11559353	DNA_bac
c_2019_may_HC2_40-50b_bac_DNA	c_2019_may_HC2_40-50b	ERS11559354	DNA_bac
c_2019_nov_HC2_00-00a_bac_DNA	c_2019_nov_HC2_00-00a	ERS11559355	DNA_bac
c_2019_nov_HC2_00-00b_bac_DNA	c_2019_nov_HC2_00-00b	ERS11559356	DNA_bac
c_2019_nov_HC2_00-20a_bac_DNA	c_2019_nov_HC2_00-20a	ERS11559357	DNA_bac
c_2019_nov_HC2_00-20b_bac_DNA	c_2019_nov_HC2_00-20b	ERS11559358	DNA_bac
c_2019_nov_HC2_20-40a_bac_DNA	c_2019_nov_HC2_20-40a	ERS11559359	DNA_bac
c_2019_nov_HC2_20-40b_bac_DNA	c_2019_nov_HC2_20-40b	ERS11559360	DNA_bac
c_2019_nov_HC2_40-50a_bac_DNA	c_2019_nov_HC2_40-50a	ERS11559361	DNA_bac
c_2019_nov_HC2_40-50b_bac_DNA	c_2019_nov_HC2_40-50b	ERS11559362	DNA_bac
c_2019_nov_HC1_00-00a_bac_DNA	c_2019_nov_HC1_00-00a	ERS11559363	DNA_bac
c_2019_nov_HC1_00-00b_bac_DNA	c_2019_nov_HC1_00-00b	ERS11559364	DNA_bac
c_2019_nov_HC1_00-20a_bac_DNA	c_2019_nov_HC1_00-20a	ERS11559365	DNA_bac
c_2019_nov_HC1_00-20b_bac_DNA	c_2019_nov_HC1_00-20b	ERS11559366	DNA_bac
c_2019_nov_HC1_20-40a_bac_DNA	c_2019_nov_HC1_20-40a	ERS11559367	DNA_bac
c_2019_nov_HC1_20-40b_bac_DNA	c_2019_nov_HC1_20-40b	ERS11559368	DNA_bac
c_2019_nov_HC1_40-50a_bac_DNA	c_2019_nov_HC1_40-50a	ERS11559369	DNA_bac
c_2019_nov_HC1_40-50b_bac_DNA	c_2019_nov_HC1_40-50b	ERS11559370	DNA_bac
c_2019_dec_HC3_00-00b_bac_DNA	c_2019_dec_HC3_00-00b	ERS11559371	DNA_bac
c_2019_dec_HC3_00-20a_bac_DNA	c_2019_dec_HC3_00-20a	ERS11559372	DNA_bac
c_2019_dec_HC3_00-20b_bac_DNA	c_2019_dec_HC3_00-20b	ERS11559373	DNA_bac
c_2019_dec_HC3_20-40a_bac_DNA	c_2019_dec_HC3_20-40a	ERS11559374	DNA_bac
c_2019_dec_HC3_20-40b_bac_DNA	c_2019_dec_HC3_20-40b	ERS11559375	DNA_bac
c_2019_dec_HC3_40-50a_bac_DNA	c_2019_dec_HC3_40-50a	ERS11559376	DNA_bac
c_2019_dec_HC3_40-50b_bac_DNA	c_2019_dec_HC3_40-50b	ERS11559377	DNA_bac
c_2019_dec_HC4_00-00a_bac_DNA	c_2019_dec_HC4_00-00a	ERS11559378	DNA_bac

c_2019_dec_HC4_00-00b_bac_DNA	c_2019_dec_HC4_00-00b	ERS11559379	DNA_bac
c_2019_dec_HC4_00-20a_bac_DNA	c_2019_dec_HC4_00-20a	ERS11559380	DNA_bac
c_2019_dec_HC4_00-20b_bac_DNA	c_2019_dec_HC4_00-20b	ERS11559381	DNA_bac
c_2019_dec_HC4_20-40a_bac_DNA	c_2019_dec_HC4_20-40a	ERS11559382	DNA_bac
c_2019_dec_HC4_20-40b_bac_DNA	c_2019_dec_HC4_20-40b	ERS11559383	DNA_bac
c_2019_dec_HC4_40-50a_bac_DNA	c_2019_dec_HC4_40-50a	ERS11559384	DNA_bac
c_2019_dec_HC4_40-50b_bac_DNA	c_2019_dec_HC4_40-50b	ERS11559385	DNA_bac
c_2019_may_HC2_00-00a_arc_DNA	c_2019_may_HC2_00-00a	ERS11559386	DNA_arc
c_2019_may_HC2_00-00b_arc_DNA	c_2019_may_HC2_00-00b	ERS11559387	DNA_arc
c_2019_may_HC2_00-20a_arc_DNA	c_2019_may_HC2_00-20a	ERS11559388	DNA_arc
c_2019_may_HC2_00-20b_arc_DNA	c_2019_may_HC2_00-20b	ERS11559389	DNA_arc
c_2019_may_HC2_20-40a_arc_DNA	c_2019_may_HC2_20-40a	ERS11559390	DNA_arc
c_2019_may_HC2_20-40b_arc_DNA	c_2019_may_HC2_20-40b	ERS11559391	DNA_arc
c_2019_may_HC2_40-50a_arc_DNA	c_2019_may_HC2_40-50a	ERS11559392	DNA_arc
c_2019_may_HC2_40-50b_arc_DNA	c_2019_may_HC2_40-50b	ERS11559393	DNA_arc
c_2019_nov_HC2_00-00a_arc_DNA	c_2019_nov_HC2_00-00a	ERS11559394	DNA_arc
c_2019_nov_HC2_00-00b_arc_DNA	c_2019_nov_HC2_00-00b	ERS11559395	DNA_arc
c_2019_nov_HC2_00-20a_arc_DNA	c_2019_nov_HC2_00-20a	ERS11559396	DNA_arc
c_2019_nov_HC2_00-20b_arc_DNA	c_2019_nov_HC2_00-20b	ERS11559397	DNA_arc
c_2019_nov_HC2_20-40a_arc_DNA	c_2019_nov_HC2_20-40a	ERS11559398	DNA_arc
c_2019_nov_HC2_20-40b_arc_DNA	c_2019_nov_HC2_20-40b	ERS11559399	DNA_arc
c_2019_nov_HC2_40-50a_arc_DNA	c_2019_nov_HC2_40-50a	ERS11559400	DNA_arc
c_2019_nov_HC2_40-50b_arc_DNA	c_2019_nov_HC2_40-50b	ERS11559401	DNA_arc
c_2019_nov_HC1_00-00a_arc_DNA	c_2019_nov_HC1_00-00a	ERS11559402	DNA_arc
c_2019_nov_HC1_00-00b_arc_DNA	c_2019_nov_HC1_00-00b	ERS11559403	DNA_arc
c_2019_nov_HC1_00-20a_arc_DNA	c_2019_nov_HC1_00-20a	ERS11559404	DNA_arc
c_2019_nov_HC1_00-20b_arc_DNA	c_2019_nov_HC1_00-20b	ERS11559405	DNA_arc
c_2019_nov_HC1_20-40a_arc_DNA	c_2019_nov_HC1_20-40a	ERS11559406	DNA_arc
c_2019_nov_HC1_20-40b_arc_DNA	c_2019_nov_HC1_20-40b	ERS11559407	DNA_arc
c_2019_nov_HC1_40-50a_arc_DNA	c_2019_nov_HC1_40-50a	ERS11559408	DNA_arc
c_2019_nov_HC1_40-50b_arc_DNA	c_2019_nov_HC1_40-50b	ERS11559409	DNA_arc
c_2019_dec_HC3_00-00a_arc_DNA	c_2019_dec_HC3_00-00a	ERS11559410	DNA_arc
c_2019_dec_HC3_00-00b_arc_DNA	c_2019_dec_HC3_00-00b	ERS11559411	DNA_arc
c_2019_dec_HC3_00-20a_arc_DNA	c_2019_dec_HC3_00-20a	ERS11559412	DNA_arc
c_2019_dec_HC3_00-20b_arc_DNA	c_2019_dec_HC3_00-20b	ERS11559413	DNA_arc
c_2019_dec_HC3_20-40a_arc_DNA	c_2019_dec_HC3_20-40a	ERS11559414	DNA_arc
c_2019_dec_HC3_20-40b_arc_DNA	c_2019_dec_HC3_20-40b	ERS11559415	DNA_arc
c_2019_dec_HC3_40-50a_arc_DNA	c_2019_dec_HC3_40-50a	ERS11559416	DNA_arc
c_2019_dec_HC3_40-50b_arc_DNA	c_2019_dec_HC3_40-50b	ERS11559417	DNA_arc
c_2019_dec_HC4_00-00a_arc_DNA	c_2019_dec_HC4_00-00a	ERS11559418	DNA_arc

c_2019_dec_HC4_00-00b_arc_DNA	c_2019_dec_HC4_00-00b	ERS11559419	DNA_arc
c_2019_dec_HC4_00-20a_arc_DNA	c_2019_dec_HC4_00-20a	ERS11559420	DNA_arc
c_2019_dec_HC4_00-20b_arc_DNA	c_2019_dec_HC4_00-20b	ERS11559421	DNA_arc
c_2019_dec_HC4_20-40a_arc_DNA	c_2019_dec_HC4_20-40a	ERS11559422	DNA_arc
c_2019_dec_HC4_20-40b_arc_DNA	c_2019_dec_HC4_20-40b	ERS11559423	DNA_arc
c_2019_dec_HC4_40-50a_arc_DNA	c_2019_dec_HC4_40-50a	ERS11559424	DNA_arc
c_2019_dec_HC4_40-50b_arc_DNA	c_2019_dec_HC4_40-50b	ERS11559425	DNA_arc
c_2019_may_HC2_00-00a_bac_cDNA	c_2019_may_HC2_00-00a	ERS11559426	cDNA_bac
c_2019_may_HC2_00-00b_bac_cDNA	c_2019_may_HC2_00-00b	ERS11559427	cDNA_bac
c_2019_may_HC2_00-20a_bac_cDNA	c_2019_may_HC2_00-20a	ERS11559428	cDNA_bac
c_2019_may_HC2_00-20b_bac_cDNA	c_2019_may_HC2_00-20b	ERS11559429	cDNA_bac
c_2019_may_HC2_20-40b_bac_cDNA	c_2019_may_HC2_20-40b	ERS11559430	cDNA_bac
c_2019_nov_HC2_00-00a_bac_cDNA	c_2019_nov_HC2_00-00a	ERS11559431	cDNA_bac
c_2019_nov_HC2_00-00b_bac_cDNA	c_2019_nov_HC2_00-00b	ERS11559432	cDNA_bac
c_2019_nov_HC2_00-20a_bac_cDNA	c_2019_nov_HC2_00-20a	ERS11559433	cDNA_bac
c_2019_nov_HC2_00-20b_bac_cDNA	c_2019_nov_HC2_00-20b	ERS11559434	cDNA_bac
c_2019_may_HC2_00-00a_arc_cDNA	c_2019_may_HC2_00-00a	ERS11559435	cDNA_arc
c_2019_may_HC2_00-00b_arc_cDNA	c_2019_may_HC2_00-00b	ERS11559436	cDNA_arc
c_2019_may_HC2_00-20a_arc_cDNA	c_2019_may_HC2_00-20a	ERS11559437	cDNA_arc
c_2019_may_HC2_00-20b_arc_cDNA	c_2019_may_HC2_00-20b	ERS11559438	cDNA_arc
c_2019_may_HC2_20-40b_arc_cDNA	c_2019_may_HC2_20-40b	ERS11559439	cDNA_arc
c_2019_nov_HC2_00-00a_arc_cDNA	c_2019_nov_HC2_00-00a	ERS11559440	cDNA_arc
c_2019_nov_HC2_00-00b_arc_cDNA	c_2019_nov_HC2_00-00b	ERS11559441	cDNA_arc
c_2019_nov_HC2_00-20a_arc_cDNA	c_2019_nov_HC2_00-20a	ERS11559442	cDNA_arc
c_2019_nov_HC2_00-20b_arc_cDNA	c_2019_nov_HC2_00-20b	ERS11559443	cDNA_arc
