

Table S1. Huttenhower Biobakery formatted sample input data input.

Acc	Feature	Taxa	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8
UNGROUPED	UNGROUPED	g_Abiotrophia.s_Abiotrophia_defectiva	0	0	0	0	332	348	183	281
UNGROUPED	UNGROUPED	g_Actinobaculum.s_Actinobaculum_sp_oral_taxon_183	0	0	0	0	0	0	0	0
UNGROUPED	UNGROUPED	g_Actinomyces.s_Actinomyces_graevenitzii	0	0	0	0	6582	5703	833	2416
UNGROUPED	UNGROUPED	g_Actinomyces.s_Actinomyces_johnsonii	0	0	0	0	1287	828	0	0
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_intermedius	0	0	0	0	0	2	0	0
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_mitis_oralis_pneumoniae	0	0	0	0	202	230	74	329
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_parasanguinis	0	0	0	0	68	56	11	111
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_peroris	0	0	0	0	2	3	0	24
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_pseudopneumoniae	0	0	0	0	0	0	0	0
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_salivarius	0	0	0	0	67	66	2	44
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_sanguinis	0	0	0	0	11	11	0	2
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_sp_SK140	0	0	0	0	0	0	0	56
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_thermophilus	0	0	0	0	2	5	0	0
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_tigurinus	0	0	0	0	4	5	0	16
2001295 [BP] malonyl-CoA biosynthetic process		g_Streptococcus.s_Streptococcus_vestibularis	0	0	0	0	0	7	0	0
2001295 [BP] malonyl-CoA biosynthetic process		g_Sutterella.s_Sutterella_wadsworthensis	0	0	0	0	0	0	0	0
2001295 [BP] malonyl-CoA biosynthetic process		g_Treponema.s_Treponema_denticola	0	0	0	0	0	0	0	0
2001295 [BP] malonyl-CoA biosynthetic process		g_Treponema.s_Treponema_lecithinolyticum	0	0	0	0	0	0	0	0
2001295 [BP] malonyl-CoA biosynthetic process		g_Treponema.s_Treponema_medium	0	0	0	0	0	0	0	0
2001295 [BP] malonyl-CoA biosynthetic process		unclassified	0	0	0	0	60	63	0	120