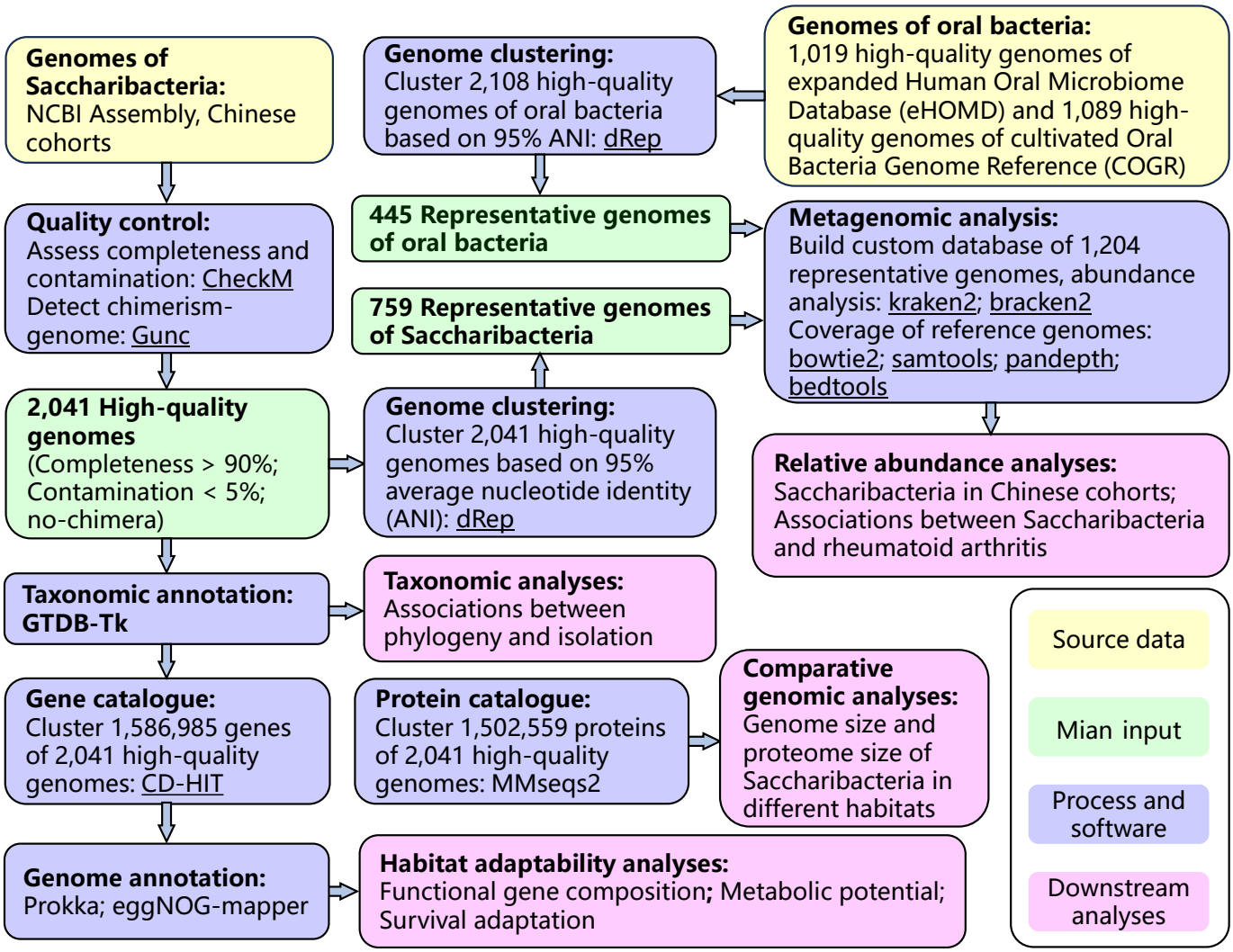
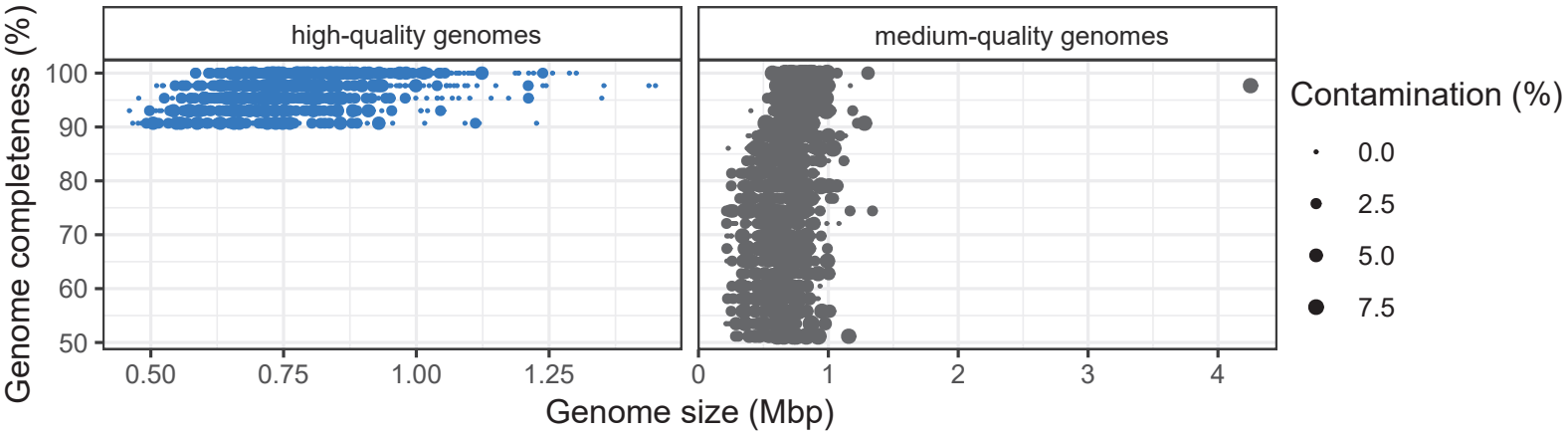
Supplementary Figures:

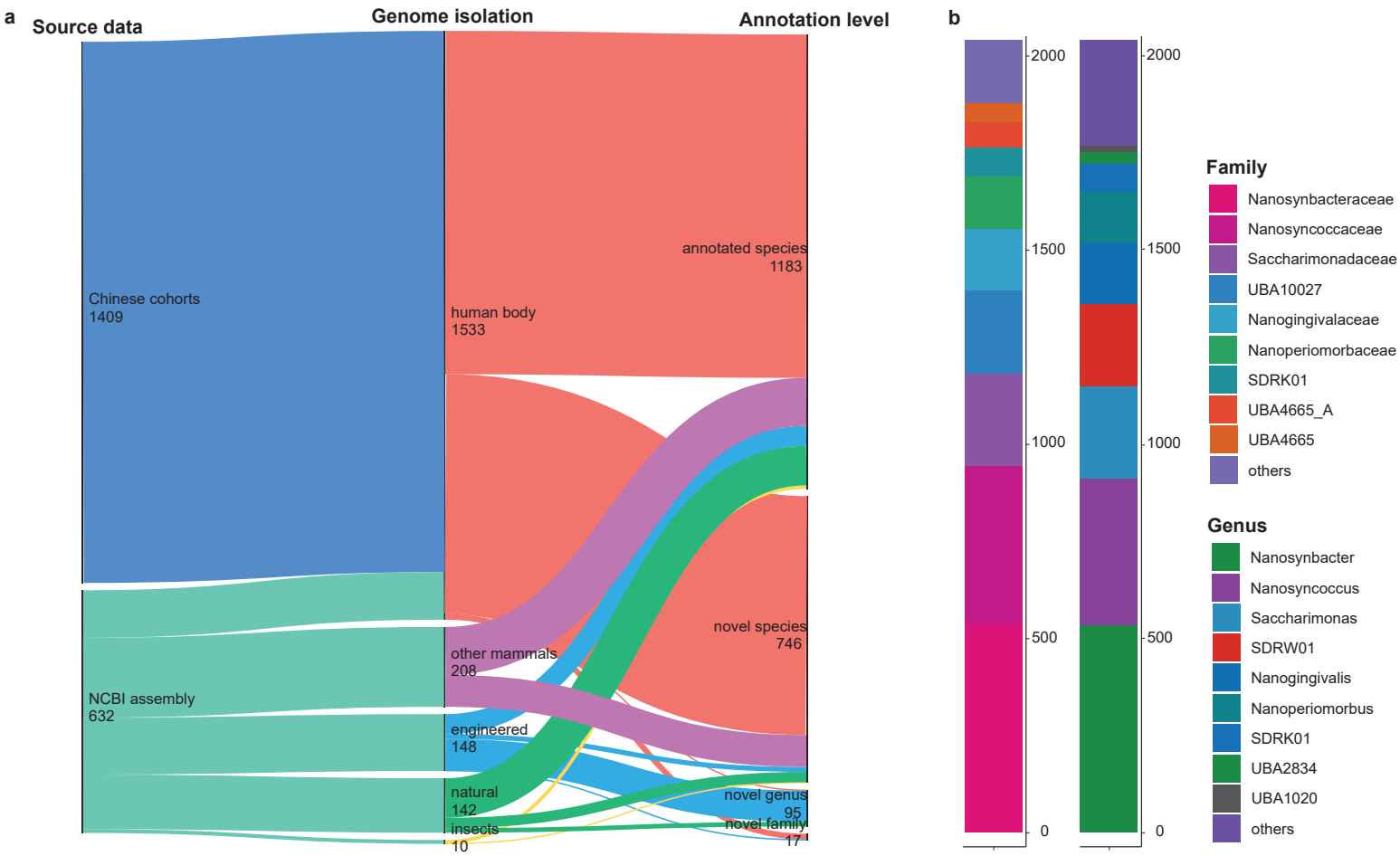
Revealing an unprecedented diversity of episymbiotic Saccharibacteria in a high-quality genome collection



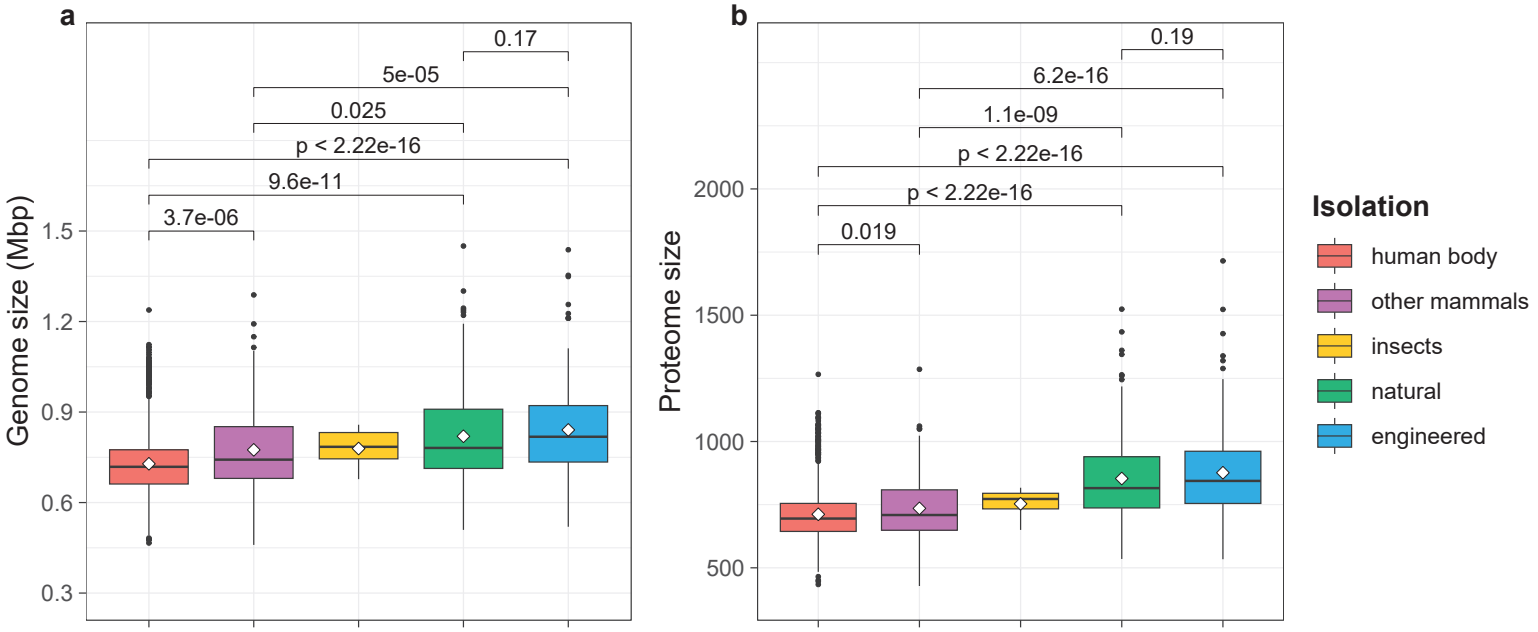
Supplementary Fig. 1 | The construction of the genome collection of Saccharibacteria and analysis workflow.



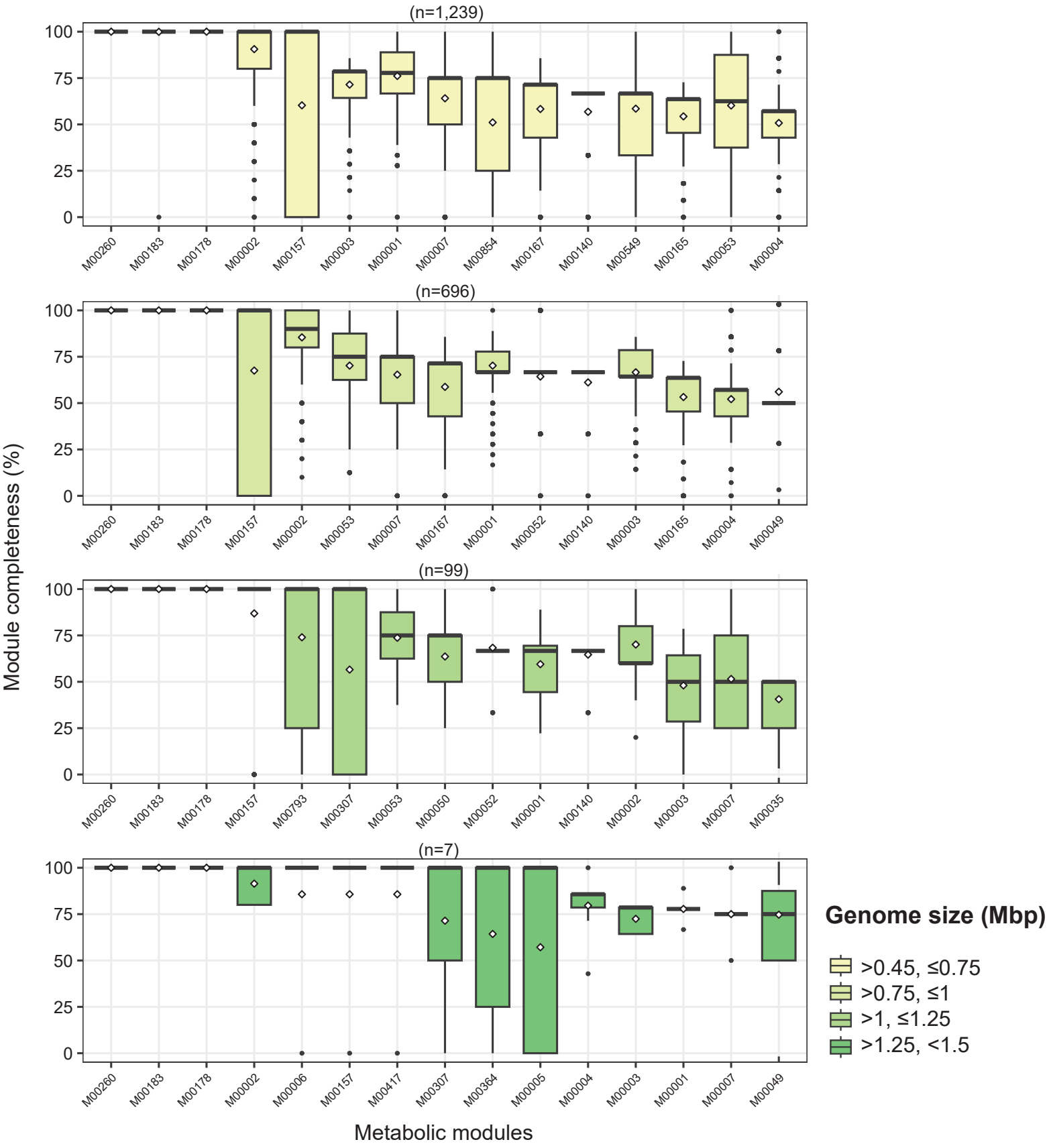
Supplementary Fig. 2 | Overview of the quality of genomes of Saccharibacteria. High-quality genomes are represented by blue circles, medium-quality genomes are represented by gray circles, and the size of the circles represents the degree of genome contamination (%).



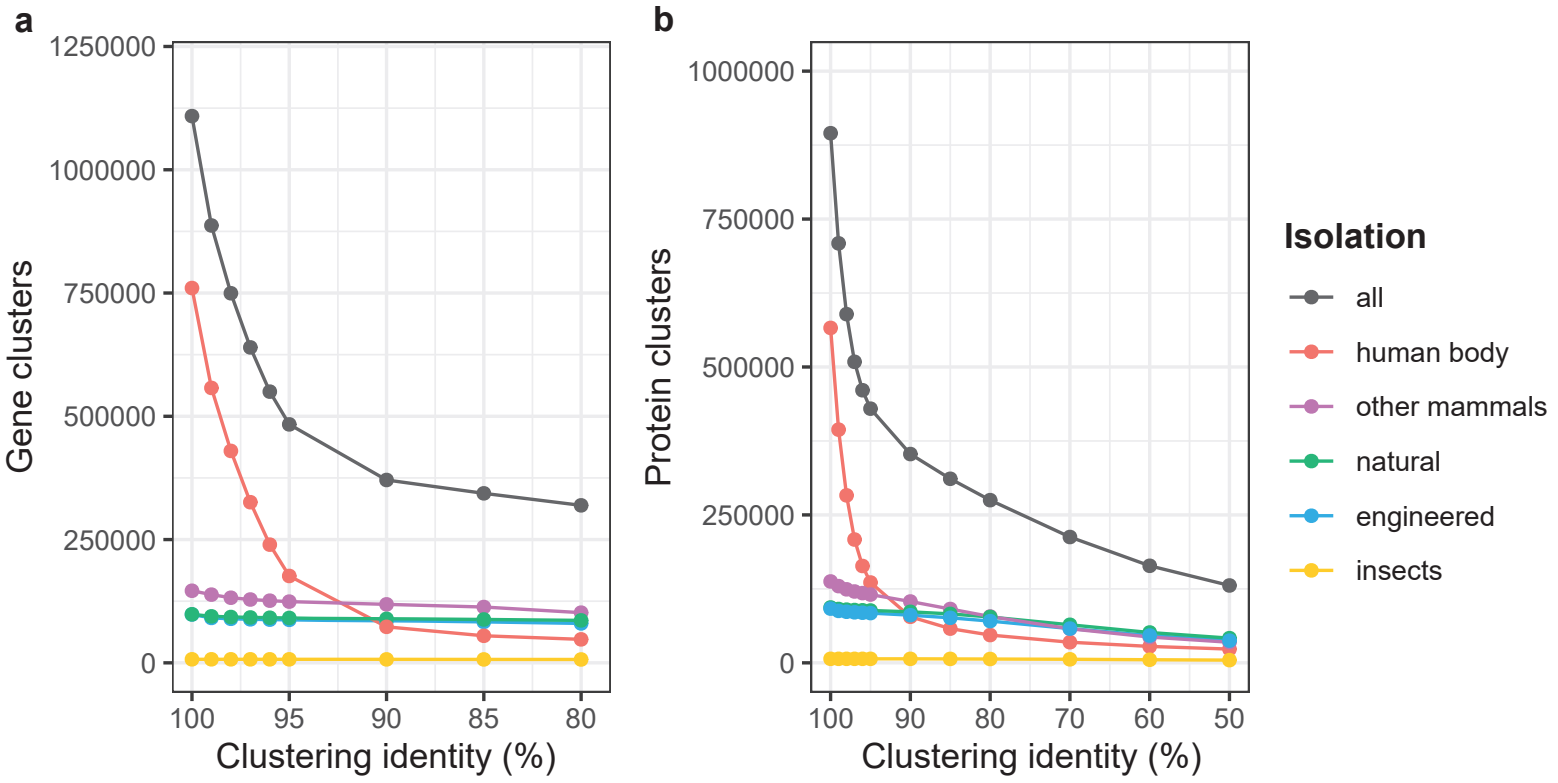
Supplementary Fig. 3 | Information of Saccharibacteria genomes collected from multiple source data. a Distribution of source data, isolation and taxonomic annotation for 2,041 high-quality genomes of Saccharibacteria. **b** Taxonomic composition of 2,041 genomes of Saccharibacteria at family level and genus level.



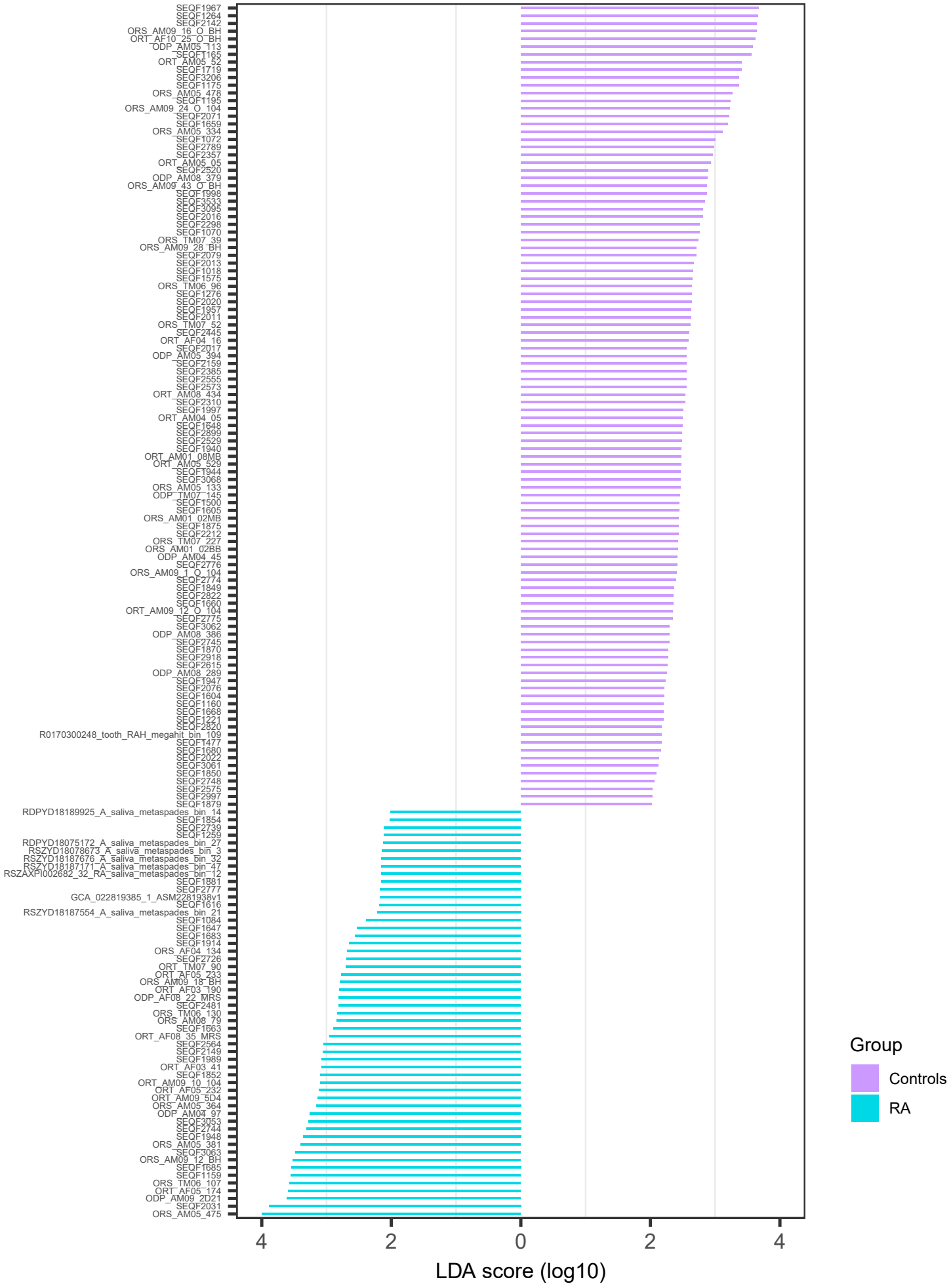
Supplementary Fig. 4 | Genome size and proteome size of Saccharibacteria. Box plots for genome size (**a**) and proteome size (**b**) of Saccharibacteria, colored by genome isolation. The central line indicates the median. The lower and upper hinges indicate the first and third quartiles. The lower and upper whiskers extend from the hinge to the smallest and largest values no further than 1.5× the interquartile range from the hinge. *P* values are from Wilcoxon rank-sum test (two-sided).



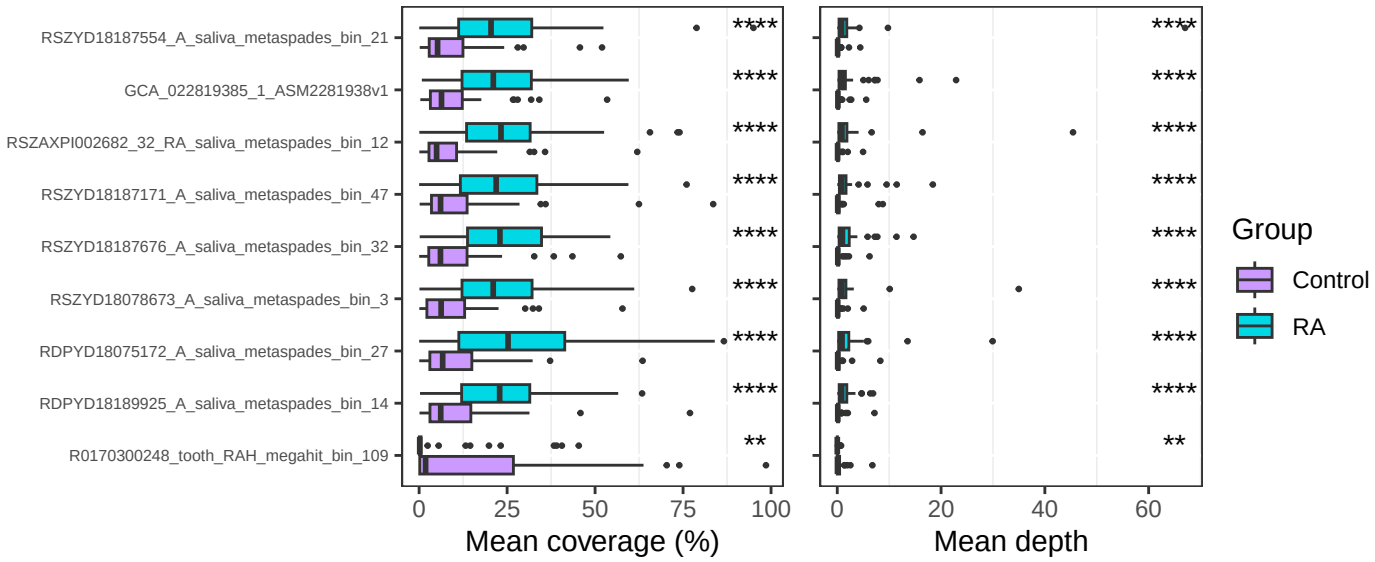
Supplementary Fig. 5 | Completeness of metabolic modules in genomes of Saccharibacteria. Boxplot representing the completeness of representative metabolic modules in genomes of Saccharibacteria. The bold central lines indicate the median, white dots indicate the mean. Boxes are sorted by the median, n values refer to the number of genomes, colored by size of genomes.



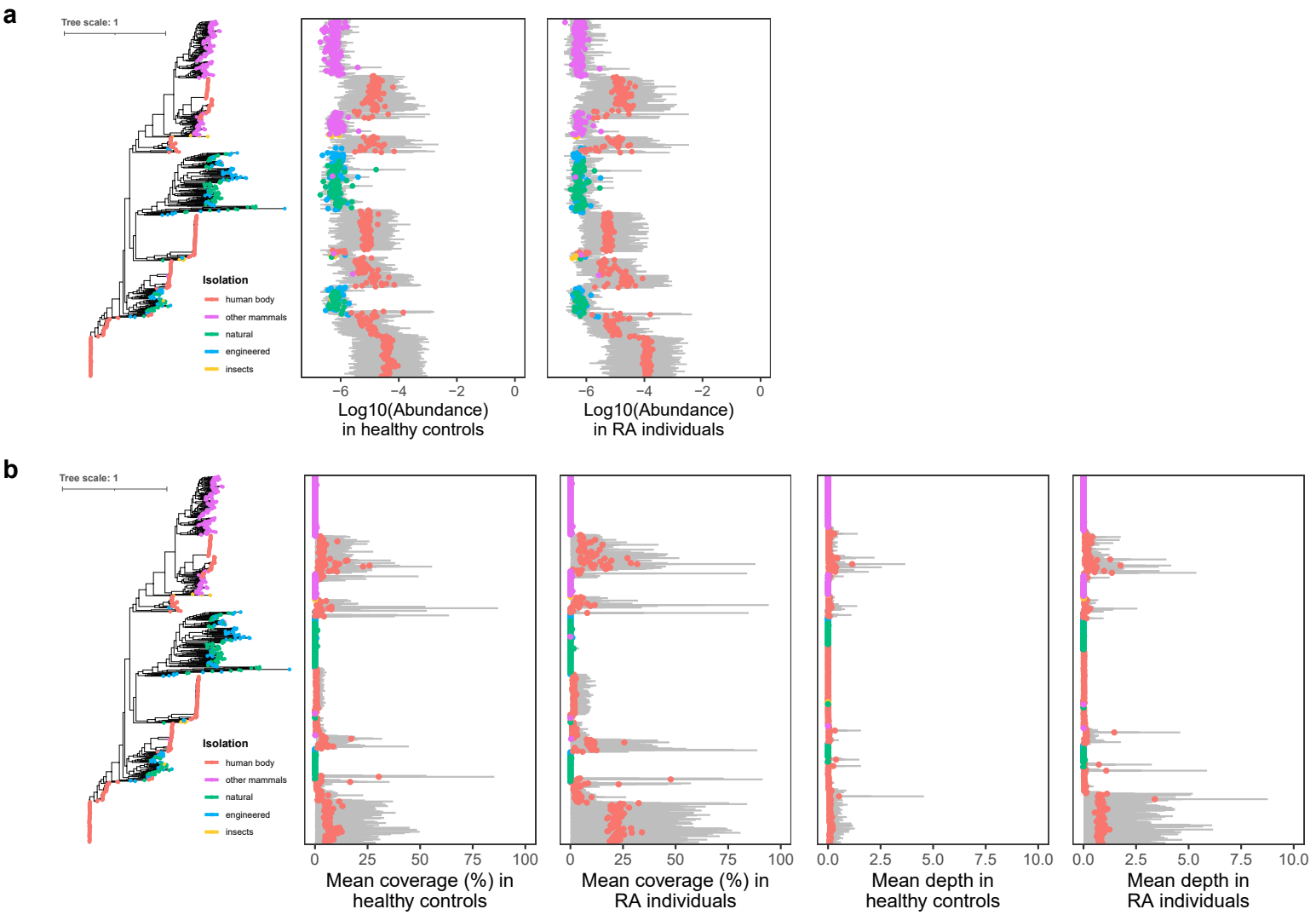
Supplementary Fig. 6 | Gene catalogue and protein catalogue of Saccharibacteria. Line plots representing the number of unique gene clusters (**a**) and protein clusters (**b**) clustering at different percent identities, colored by genome isolation of Saccharibacteria.



Supplementary Fig. 7 | The LDA scores of differentially abundant bacterial clusters in HC and RA group. Analyzed by Linear discriminant analysis Effect Size (LEfSe) analysis ($P < 0.05$, LDA > 2), colored according to enrichment group.



Supplementary Fig. 8 | Comparison of mean coverage (%) and mean depth of differentially abundant Saccharibacterial clusters in HC and RA. Colored according to enrichment group. *P* values are from Wilcoxon rank-sum test (two-sided) and adjusted using the Benjamini–Hochberg procedure, ****$P<0.0001$, ** $P<0.01$.



Supplementary Fig. 9 | Metagenomic analysis of Saccharibacterial in HC and RA. a Relative abundance of Saccharibacterial clusters in HC and RA. Dot, median of log10 (relative abundance); Bar, prevalence; Color, isolation of clusters. **b** Mean coverage (%) and mean depth of Saccharibacterial clusters in HC and RA. Dot represents the median. Color indicates isolation of clusters.

Supplementary Table 1. Detailed information of the 2,041 high-quality genomes of Saccharibacteria.

GenomeID	Accession number	Completeness	Contamination	G+C%	Coding density	pass.GUNC	Genome size	Gene number	Protein number	Contigs	Source data	Genome type	Isolation source	Human body niche
GCA_024330325.1_ASM2433032v1	CNA0070589	95.35	0	43.65	92.68	TRUE	661,434	687	657	165	NCBI assembly	MAG	human body	gut
GCA_900555265.1_UMGS1805	CNA0070739	95.35	0	43.16	93.13	TRUE	674,133	735	696	5	NCBI assembly	MAG	human body	gut
GCA_900555425.1_UMGS1831	CNA0070741	93.02	0	43.43	92.53	TRUE	624,962	670	634	60	NCBI assembly	MAG	human body	gut
GCA_900555675.1_UMGS1848	CNA0070742	95.35	0	43.49	92.60	TRUE	664,737	727	688	40	NCBI assembly	MAG	human body	gut
GCA_900556885.1_UMGS1986	CNA0070744	95.35	2.33	43.64	92.34	TRUE	635,891	669	644	30	NCBI assembly	MAG	human body	gut
GCA_900757685.1_ERS537356_50	CNA0070745	100	0	43.03	91.33	TRUE	729,391	791	745	7	NCBI assembly	MAG	human body	gut
GCA_902461855.1_UHGG-TPA_MGYG-HGUT-00376	CNA0070747	95.35	0	44.90	91.37	TRUE	685,078	689	647	41	NCBI assembly	MAG	human body	gut
GCA_904425485.1_PRJEB35131-2	CNA0070778	97.67	0	43.70	90.50	TRUE	735,796	821	778	197	NCBI assembly	MAG	human body	gut
GCA_918593335.1_timonensis	CNA0070813	97.67	0	43.70	90.50	TRUE	735,796	821	778	197	NCBI assembly	MAG	human body	gut
GCA_934717805.1_ERR7745621_bin.22	CNA0070817	95.35	0	35.43	90.33	TRUE	636,415	669	631	31	NCBI assembly	MAG	human body	gut
GCA_934725355.1_ERR7738173_bin.40	CNA0070819	95.35	0	44.90	90.15	TRUE	788,281	797	747	11	NCBI assembly	MAG	human body	gut
GCA_005697055.1_ASM569705v1	CNA0070096	100	2.33	46.80	90.03	TRUE	842,202	885	837	1	NCBI assembly	Isolate	human body	oral cavity
GCA_005697215.1_ASM569721v1	CNA0070098	100	0	50.58	91.82	TRUE	889,964	961	913	1	NCBI assembly	Isolate	human body	oral cavity
GCA_005697395.1_ASM569739v1	CNA0070101	100	0	44.45	92.55	TRUE	705,178	763	717	1	NCBI assembly	Isolate	human body	oral cavity
GCA_005697565.1_ASM569756v1	CNA0070103	100	0	47.96	92.74	TRUE	782,344	823	776	1	NCBI assembly	Isolate	human body	oral cavity
GCA_010201925.1_ASM1020192v1	CNA0070158	100	4.65	46.76	90.14	TRUE	885,960	950	900	1	NCBI assembly	Isolate	human body	oral cavity
GCA_010202115.1_ASM1020211v1	CNA0070161	100	0	50.78	90.95	TRUE	931,438	1028	981	1	NCBI assembly	Isolate	human body	oral cavity
GCA_010202265.1_ASM1020226v1	CNA0070163	100	2.33	46.73	89.04	TRUE	873,056	932	885	1	NCBI assembly	Isolate	human body	oral cavity
GCA_010202465.1_ASM1020246v1	CNA0070165	97.67	0	50.94	91.16	TRUE	831,234	925	879	1	NCBI assembly	Isolate	human body	oral cavity
GCA_010202645.1_ASM1020264v1	CNA0070167	97.67	0	50.79	91.46	TRUE	848,784	917	870	1	NCBI assembly	Isolate	human body	oral cavity
GCA_010202845.1_ASM1020284v1	CNA0070170	100	0	50.74	92.11	TRUE	853,179	904	858	1	NCBI assembly	Isolate	human body	oral cavity
GCA_013098515.1_ASM1309851v1	CNA0070174	100	0	50.76	91.40	TRUE	839,600	909	863	1	NCBI assembly	Isolate	human body	oral cavity
GCA_013098655.1_ASM1309865v1	CNA0070177	100	2.33	46.80	89.88	TRUE	841,891	886	838	1	NCBI assembly	Isolate	human body	oral cavity
GCA_013098855.1_ASM1309885v1	CNA0070179	100	2.33	46.80	89.98	TRUE	835,009	878	833	1	NCBI assembly	Isolate	human body	oral cavity
GCA_013099015.1_ASM1309901v1	CNA0070181	100	0	50.74	91.71	TRUE	877,855	938	892	1	NCBI assembly	Isolate	human body	oral cavity
GCA_013099195.1_ASM1309919v1	CNA0070183	100	0	50.66	91.35	TRUE	856,991	926	879	1	NCBI assembly	Isolate	human body	oral cavity
GCA_013100805.1_ASM1310080v1	CNA0070185	100	0	50.67	91.94	TRUE	858,111	914	868	1	NCBI assembly	Isolate	human body	oral cavity
GCA_013100825.1_ASM1310082v1	CNA0070188	100	0	50.43	91.33	TRUE	893,660	982	936	1	NCBI assembly	Isolate	human body	oral cavity
GCA_013100845.1_ASM1310084v1	CNA0070190	100	0	50.81	91.72	TRUE	847,999	911	864	1	NCBI assembly	Isolate	human body	oral cavity
GCA_013394755.1_ASM1339475v1	CNA0070252	100	0	50.81	91.71	TRUE	847,999	911	864	1	NCBI assembly	Isolate	human body	oral cavity
GCA_018127705.1_ASM1812770v1	CNA0070542	100	2.33	46.79	84.90	TRUE	1,021,750	1059	1010	1	NCBI assembly	Isolate	human body	oral cavity
GCA_021222645.1_ASM2122264v1	CNA0070562	100	0	42.87	91.89	TRUE	677,938	728	684	1	NCBI assembly	Isolate	human body	oral cavity
GCA_022819345.1_ASM2281934v1	CNA0070566	100	0	43.24	91.73	TRUE	718,383	773	727	1	NCBI assembly	Isolate	human body	oral cavity
GCA_022819365.1_ASM2281936v1	CNA0070568	100	0	43.30	92.10	TRUE	733,310	778	733	1	NCBI assembly	Isolate	human body	oral cavity
GCA_022819385.1_ASM2281938v1	CNA0070569	100	0	43.26	91.80	TRUE	771,907	837	792	1	NCBI assembly	Isolate	human body	oral cavity
GCA_022828245.1_ASM2282824v1	CNA0070571	100	0	43.18	91.89	TRUE	725,580	777	732	2	NCBI assembly	Isolate	human body	oral cavity
GCA_022828255.1_ASM2282825v1	CNA0070572	100	0	43.16	91.77	TRUE	730,938	786	741	2	NCBI assembly	Isolate	human body	oral cavity
GCA_022828285.1_ASM2282828v1	CNA0070574	100	0	43.24	91.74	TRUE	718,486	774	728	3	NCBI assembly	Isolate	human body	oral cavity
GCA_022828295.1_ASM2282829v1	CNA0070575	100	0	43.25	91.69	TRUE	758,480	840	794	6	NCBI assembly	Isolate	human body	oral cavity
GCA_022828325.1_ASM2282832v1	CNA0070577	100	0	43.22	91.84	TRUE	756,098	823	778	4	NCBI assembly	Isolate	human body	oral cavity
GCA_022828365.1_ASM2282836v1	CNA0070579	100	0	43.39	92.19	TRUE	741,912	806	759	3	NCBI assembly	Isolate	human body	oral cavity
GCA_022828375.1_ASM2282837v1	CNA0070580	100	0	43.20	92.06	TRUE	755,984	807	762	2	NCBI assembly	Isolate	human body	oral cavity
GCA_000803625.1_ASM80362v1	CNA0069829	100	0	44.45	92.56	TRUE	705,138	757	711	1	NCBI assembly	MAG	human body	oral cavity
GCA_004138385.1_ASM413838v1	CNA0070081	93.02	2.33	48.08	92.63	TRUE	756,930	789	751	72	NCBI assembly	MAG	human body	oral cavity
GCA_004138445.1_ASM413844v1	CNA0070086	97.67	0	50.45	90.05	TRUE	730,081	708	661	24	NCBI assembly	MAG	human body	oral cavity
GCA_004138455.1_ASM413845v1	CNA0070088	100	0	50.80	90.39	TRUE	740,889	703	659	35	NCBI assembly	MAG	human body	oral cavity
GCA_004151455.1_ASM415145v1	CNA0070091	100	0	32.34	90.23	TRUE	625,762	637	596	17	NCBI assembly	MAG	human body	oral cavity
GCA_007845265.1_ASM784526v1	CNA0070115	97.67	0	43.34	91.35	TRUE	703,325	745	703	28	NCBI assembly	MAG	human body	oral cavity
GCA_007845325.1_ASM784532v1	CNA0070118	95.35	0	43.35	90.38	TRUE	640,268	686	645	46	NCBI assembly	MAG	human body	oral cavity
GCA_007845355.1_ASM784535v1	CNA0070120	90.7	0	43.26	90.77	TRUE	635,951	683	637	38	NCBI assembly	MAG	human body	oral cavity
GCA_007845485.1_ASM784548v1	CNA0070123	97.67	0	39.56	90.33	TRUE	890,301	917	867	22	NCBI assembly	MAG	human body	oral cavity
GCA_013332955.2_ASM1333295v2	CNA0070203	93.02	0	41.09	89.38	TRUE	725,630	708	669	53	NCBI assembly	MAG	human body	oral cavity
GCA_013333055.2_ASM1333305v2	CNA0070207	100	0	37.77	91.03	TRUE	762,856	781	740	14	NCBI assembly	MAG	human body	oral cavity
GCA_013333135.2_ASM1333313v2	CNA0070210	97.67	2.33	40.90	89.47	TRUE	738,377	735	691	35	NCBI assembly	MAG	human body	oral cavity
GCA_013333155.2_ASM1333315v2	CNA0070213	97.67	0	41.28	89.60	TRUE	826,344	789	748	37	NCBI assembly	MAG	human body	oral cavity
GCA_013333205.2_ASM1333320v2	CNA0070216	95.35	2.33	41.35	89.63	TRUE	737,067	707	666	72	NCBI assembly	MAG	human body	oral cavity
GCA_013333375.2_ASM1333337v2	CNA0070220	95.35	2.33	41.20	89.39	TRUE	635,716	622	585	53	NCBI assembly	MAG	human body	oral cavity
GCA_013333415.2_ASM1333341v2	CNA0070223	95.35	2.33	41.32	89.63	TRUE	778,783	756	711	31	NCBI assembly	MAG	human body	oral cavity
GCA_013333485.2_ASM1333348v2	CNA0070225	100	4.65	46.78	90.98	TRUE	783,709	824	789	21	NCBI assembly	MAG	human body	oral cavity
GCA_013333495.2_ASM1333349v2	CNA0070229	100	2.33	48.56	88.92	TRUE	712,298	727	691	17	NCBI assembly	MAG	human body	oral cavity
GCA_013333515.2_ASM1333351v2	CNA0070232	100	0	50.54	89.78	TRUE	808,514	767	721	53	NCBI assembly	MAG	human body	oral cavity
GCA_013333575.2_ASM1333357v2	CNA0070234	95.35	0	38.47	91.50	TRUE	733,643	758	723	47	NCBI assembly	MAG	human body	oral cavity
GCA_013333595.2_ASM1333359v2	CNA0070237	95.35	0	54.07	90.08	TRUE	810,727	855	810	30	NCBI assembly	MAG	human body	oral cavity
GCA_013333625.2_ASM1333362v2	CNA0070240	97.67	0	48.07	91.80	TRUE	829,076	877	832	45	NCBI assembly	MAG	human body	oral cavity
GCA_013333645.2_ASM1333364v2	CNA0070242	97.67	0	52.05	85.78	TRUE	992,849	999	953	26	NCBI assembly	MAG	human body	oral cavity
GCA_013333675.2_ASM1333367v2	CNA0070244	100	2.33	48.90	90.00	TRUE	854,011	882	841	42	NCBI assembly	MAG	human body	oral cavity
GCA_013333815.2_ASM1333381v2	CNA0070247	100	0	38.39	90.92	TRUE	784,149	829	789	20	NCBI assembly	MAG	human body	oral cavity
GCA_015257445.1_ASM1525744v1	CNA0070273	95.35	0	41.04	89.75	TRUE	714,681	675	637	185	NCBI assembly	MAG	human body	oral cavity
GCA_015257485.1_ASM1525748v1	CNA0070275	97.67	0	41.36	88.99	TRUE	667,180	646	606	32	NCBI assembly	MAG	human body	oral cavity
GCA_015257495.1_ASM1525749v1	CNA0070277	100	0	43.29	90.80	TRUE	727,057	784	736	17	NCBI assembly	MAG	human body	oral cavity
GCA_015257505.1_ASM1525750v1	CNA0070279	95.35	0	41.29	89.17	TRUE	776,077	762	711	28	NCBI assembly	MAG	human body	oral cavity
GCA_015257555.2_ASM1525755v2	CNA0070281	100	0	38.21	90.49	TRUE	841,302	849	804	1	NCBI assembly	MAG	human body	oral cavity

GCA_015257575.1_ASM1525757v1	CNA0070284	97.67	0	37.58	90.66	TRUE	720,911	742	704	38	NCBI assembly	MAG	human body	oral cavity
GCA_015257665.1_ASM1525766v1	CNA0070286	97.67	0	51.54	85.53	TRUE	1,040,784	1092	1051	32	NCBI assembly	MAG	human body	oral cavity
GCA_015257705.1_ASM1525770v1	CNA0070288	93.02	0	43.26	89.56	TRUE	818,123	870	810	163	NCBI assembly	MAG	human body	oral cavity
GCA_015257785.3_ASM1525778v3	CNA0070290	100	0	36.44	89.76	TRUE	691,584	732	686	1	NCBI assembly	MAG	human body	oral cavity
GCA_015257795.3_ASM1525779v3	CNA0070292	100	0	36.41	89.72	TRUE	663,355	689	643	1	NCBI assembly	MAG	human body	oral cavity
GCA_015257815.1_ASM1525781v1	CNA0070294	97.67	2.33	36.32	91.05	TRUE	640,359	668	629	51	NCBI assembly	MAG	human body	oral cavity
GCA_016112465.1_ASM1611246v1	CNA0070311	97.67	0	41.39	85.67	TRUE	718,376	703	659	74	NCBI assembly	MAG	human body	oral cavity
GCA_020912025.1_ASM2091202v1	CNA0070560	100	0	43.15	90.67	TRUE	760,861	812	766	39	NCBI assembly	MAG	human body	oral cavity
GCA_905365145.1_ERZ1644999-mag-bin.1	CNA0070779	97.67	2.33	47.91	91.46	TRUE	831,236	872	824	9	NCBI assembly	MAG	human body	oral cavity
GCA_905365345.1_ERZ1645002-mag-bin.1	CNA0070780	95.35	0	50.74	90.39	TRUE	749,127	700	657	68	NCBI assembly	MAG	human body	oral cavity
GCA_905370345.1_DRR046104-mag-bin.8	CNA0070782	100	0	43.26	92.13	TRUE	688,963	736	698	46	NCBI assembly	MAG	human body	oral cavity
GCA_905371595.1_SRR9217384-mag-bin.1	CNA0070783	93.02	2.33	47.77	91.61	TRUE	825,881	852	808	57	NCBI assembly	MAG	human body	oral cavity
GCA_905371785.1_SRR9217391-mag-bin.4	CNA0070785	100	2.33	47.48	90.74	TRUE	906,179	946	897	9	NCBI assembly	MAG	human body	oral cavity
GCA_905372095.1_SRR9217394-mag-bin.2	CNA0070786	100	2.33	48.04	91.41	TRUE	814,938	846	799	8	NCBI assembly	MAG	human body	oral cavity
GCA_905372195.1_SRR9217401-mag-bin.1	CNA0070788	100	2.33	48.26	91.25	TRUE	812,386	839	795	14	NCBI assembly	MAG	human body	oral cavity
GCA_905372225.1_SRR9217401-mag-bin.8	CNA0070789	95.35	0	50.84	90.29	TRUE	784,600	747	699	30	NCBI assembly	MAG	human body	oral cavity
GCA_905372305.1_SRR9217408-mag-bin.12	CNA0070791	100	0	47.49	91.17	TRUE	927,681	1003	956	5	NCBI assembly	MAG	human body	oral cavity
GCA_905372385.1_SRR9217408-mag-bin.1	CNA0070793	100	4.65	48.62	90.84	TRUE	878,839	932	890	12	NCBI assembly	MAG	human body	oral cavity
GCA_905372495.1_SRR9217423-mag-bin.7	CNA0070795	100	0	40.05	90.45	TRUE	691,421	683	642	43	NCBI assembly	MAG	human body	oral cavity
GCA_905372725.1_SRR9217423-mag-bin.8	CNA0070796	100	0	38.25	89.90	TRUE	888,130	905	860	15	NCBI assembly	MAG	human body	oral cavity
GCA_905372785.1_SRR9217428-mag-bin.23	CNA0070798	100	0	48.42	88.94	TRUE	717,051	718	683	10	NCBI assembly	MAG	human body	oral cavity
GCA_905372835.1_SRR9217428-mag-bin.30	CNA0070799	100	0	47.92	92.55	TRUE	804,454	839	789	6	NCBI assembly	MAG	human body	oral cavity
GCA_905373275.1_SRR9217462-mag-bin.7	CNA0070801	95.35	0	51.28	90.17	TRUE	679,537	642	599	66	NCBI assembly	MAG	human body	oral cavity
GCA_905373345.1_SRR9217464-mag-bin.7	CNA0070802	93.02	4.65	48.56	90.29	TRUE	733,518	756	717	105	NCBI assembly	MAG	human body	oral cavity
GCA_905373385.1_SRR9217464-mag-bin.2	CNA0070803	97.67	0	50.48	89.49	TRUE	827,820	792	743	30	NCBI assembly	MAG	human body	oral cavity
GCA_905373795.1_SRR9217490-mag-bin.5	CNA0070805	100	0	47.33	91.32	TRUE	905,931	969	922	7	NCBI assembly	MAG	human body	oral cavity
GCA_905373835.1_SRR9217492-mag-bin.7	CNA0070807	100	0	52.17	85.54	TRUE	998,904	1015	965	12	NCBI assembly	MAG	human body	oral cavity
GCA_915070725.1_SRR1045092_bin.5_metaWRAP_v1.1_MAG	CNA0070808	90.7	0	50.23	89.91	TRUE	738,156	697	662	76	NCBI assembly	MAG	human body	oral cavity
GCA_916439725.1_DRR214962_bin.20_metaWRAP_v1.1_MAG	CNA0070810	93.02	0	43.10	89.21	TRUE	622,880	865	827	1	NCBI assembly	MAG	human body	oral cavity
GCA_916720665.1_SRR15235659_bin.7_metaWRAP_v1.1_MAG	CNA0070811	100	0	42.98	91.36	TRUE	748,618	824	778	8	NCBI assembly	MAG	human body	oral cavity
GCA_927910745.1_ERR3827327_bin.3_metaWRAP_v1.1_MAG	CNA0070815	97.67	0	52.30	84.49	TRUE	1,013,504	1111	1060	29	NCBI assembly	MAG	human body	oral cavity
GCA_927911635.1_ERR3827207_bin.3_metaWRAP_v1.1_MAG	CNA0070816	97.67	0	51.78	84.44	TRUE	968,696	1109	1066	75	NCBI assembly	MAG	human body	oral cavity
GCA_946893605.1_PRJEB56001	CNA0070879	100	0	43.42	88.20	TRUE	701,908	891	847	1	NCBI assembly	MAG	human body	oral cavity
GCA_947095985.1_SRR8786266_bin.1_metaWRAP_v1.3_MAG	CNA0070894	90.7	2.33	44.33	92.87	TRUE	729,661	776	745	58	NCBI assembly	MAG	human body	oral cavity
GCA_947097085.1_SRR8786267_bin.10_metaWRAP_v1.3_MAG	CNA0070895	90.7	0	42.52	91.12	TRUE	715,922	728	691	69	NCBI assembly	MAG	human body	oral cavity
GCA_947097435.1_SRR8786267_bin.5_metaWRAP_v1.3_MAG	CNA0070897	95.35	2.33	46.78	90.92	TRUE	784,719	839	802	18	NCBI assembly	MAG	human body	oral cavity
GCA_947097585.1_SRR8786264_bin.12_metaWRAP_v1.3_MAG	CNA0070898	97.67	2.33	48.10	91.32	TRUE	781,521	804	765	54	NCBI assembly	MAG	human body	oral cavity
GCA_947098845.1_SRR8786267_bin.6_metaWRAP_v1.3_MAG	CNA0070900	90.7	2.33	48.71	89.77	TRUE	836,262	856	813	31	NCBI assembly	MAG	human body	oral cavity
ERR2764804.metaspades.bin.10	CNA0069813	95.35	0	35.82	90.10	TRUE	580,489	628	598	154	Chinese cohorts	MAG	human body	oral cavity
ERR2764806.metaspades.bin.18	CNA0069817	93.02	0	43.80	92.32	TRUE	620,955	639	605	89	Chinese cohorts	MAG	human body	oral cavity
SRR6748116.metaspades.bin.2	CNA0071042	100	0	43.24	91.29	TRUE	725,361	782	738	35	Chinese cohorts	MAG	human body	oral cavity
SRR6748158.metaspades.bin.2	CNA0071045	100	0	43.36	91.57	TRUE	702,899	756	712	83	Chinese cohorts	MAG	human body	oral cavity
SRR6748159.metaspades.bin.19	CNA0071048	100	0	43.27	91.28	TRUE	728,846	782	736	13	Chinese cohorts	MAG	human body	oral cavity
SRR6748160.metaspades.bin.6	CNA0071050	100	2.33	43.21	91.19	TRUE	733,115	791	744	10	Chinese cohorts	MAG	human body	oral cavity
SRR6748161.metaspades.bin.16	CNA0071054	97.67	0	43.34	92.10	TRUE	695,164	757	716	50	Chinese cohorts	MAG	human body	oral cavity
SRR6748162.metaspades.bin.9	CNA0071056	95.35	0	43.65	91.84	TRUE	650,019	706	667	26	Chinese cohorts	MAG	human body	oral cavity
SRR6748163.metaspades.bin.10	CNA0071059	90.7	0	43.17	91.15	TRUE	724,481	775	729	37	Chinese cohorts	MAG	human body	oral cavity
SRR6748164.metaspades.bin.5	CNA0071062	100	4.65	43.26	91.29	TRUE	727,327	781	738	15	Chinese cohorts	MAG	human body	oral cavity
SRR6748184.metaspades.bin.16	CNA0071065	95.35	0	43.28	91.28	TRUE	713,189	771	725	15	Chinese cohorts	MAG	human body	oral cavity
SRR6748185.metaspades.bin.21	CNA0071068	100	0	43.30	91.27	TRUE	715,743	770	724	8	Chinese cohorts	MAG	human body	oral cavity
SRR6748220.metaspades.bin.9	CNA0071071	97.67	4.65	43.27	91.39	TRUE	733,306	780	734	67	Chinese cohorts	MAG	human body	oral cavity
SRR6748223.metaspades.bin.14	CNA0071073	95.35	2.33	43.35	91.37	TRUE	707,705	756	711	37	Chinese cohorts	MAG	human body	oral cavity
SRR6748223.metaspades.bin.6	CNA0071076	100	0	36.62	90.55	TRUE	669,361	702	661	55	Chinese cohorts	MAG	human body	oral cavity
SRR8114009.metaspades.bin.3	CNA0071079	93.02	0	43.54	92.75	TRUE	619,181	685	648	30	Chinese cohorts	MAG	human body	oral cavity
SRR8114033.metaspades.bin.42	CNA0071082	90.7	0	54.62	90.35	TRUE	800,797	808	763	62	Chinese cohorts	MAG	human body	oral cavity
SRR8114034.metaspades.bin.21	CNA0071085	95.35	0	43.50	92.95	TRUE	699,451	750	713	2	Chinese cohorts	MAG	human body	oral cavity
SRR8114041.metaspades.bin.6	CNA0071088	100	2.33	43.08	91.71	TRUE	767,376	838	792	15	Chinese cohorts	MAG	human body	oral cavity
SRR8114048.metaspades.bin.17	CNA0071090	97.67	0	41.63	89.17	TRUE	638,527	624	581	70	Chinese cohorts	MAG	human body	oral cavity
SRR8114052.metaspades.bin.61	CNA0071093	97.67	2.33	36.29	90.89	TRUE	650,198	678	640	41	Chinese cohorts	MAG	human body	oral cavity
SRR8114056.metaspades.bin.5	CNA0071096	95.35	0	41.26	89.17	TRUE	763,002	739	692	15	Chinese cohorts	MAG	human body	oral cavity
SRR8114063.metaspades.bin.48	CNA0071099	100	0	43.05	91.85	TRUE	736,672	802	757	8	Chinese cohorts	MAG	human body	oral cavity
SRR8114071.metaspades.bin.18	CNA0071102	93.02	4.65	35.61	89.68	TRUE	699,877	737	699	54	Chinese cohorts	MAG	human body	oral cavity
SRR8114076.metaspades.bin.27	CNA0071104	100	0	43.25	91.58	TRUE	735,079	788	741	5	Chinese cohorts	MAG	human body	oral cavity
SRR8114077.metaspades.bin.2	CNA0071108	100	0	43.24	91.55	TRUE	734,851	787	741	4	Chinese cohorts	MAG	human body	oral cavity
SRR8114096.metaspades.bin.1	CNA0071110	95.35	0	43.27	92.27	TRUE	738,158	779	734	13	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002304-13_RAH_dental.metaspades.bin.45	CNA0070016	100	4.65	38.41	90.46	TRUE	848,810	874	829	11	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002305-14_RAH_dental.metaspades.bin.61	CNA0070018	97.67	0	36.94	90.80	TRUE	687,665	732	693	19	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002305-14_RAH_dental.metaspades.bin.64	CNA0070019	93.02	0	51.06	89.98	TRUE	690,622	646	604	64	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002306-15_2_RAH_saliva.metaspades.bin.36	CNA0070021	93.02	2.33	36.39	90.36	TRUE	561,519	572	539	133	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002308-17_RAH_dental.metaspades.bin.14	CNA0070023	97.67	4.65	38.35	89.38	TRUE	784,792	763	717	17	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002308-17_RAH_dental.metaspades.bin.47	CNA0070024	97.67	0	38.03	90.58	TRUE	791,905	827	784	5	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002309-18_RAH_dental.metaspades.bin.28	CNA0070026	100	2.33	38.16	91.05	TRUE	740,704	750	713	6	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002310-19_RAH_dental.metaspades.bin.24	CNA0070028	97.67	0	50.22	89.36	TRUE	839,358	800	752	20	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002311-20_RAH_dental.metaspades.bin.31	CNA0070029	97.67	0	51.10	85.71	TRUE	927,890	996	957	9	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002311-20_RAH_dental.metaspades.bin.69	CNA0070031	93.02	2.33	37.83	91.34	TRUE	703,299	718	678	63	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002311-20_RAH_dental.metaspades.bin.6	CNA0070033	97.67	2.33	49.07	90.03	TRUE	764,097	789	750	12	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002312-21_RAH_dental.metaspades.bin.14	CNA0070035	95.35	0	50.61	88.95	TRUE	770,089	719	678	72	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002312-21_RAH_dental.metaspades.bin.60	CNA0070036	100	0	38.72	90.75	TRUE	888,286	908	865	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002313-22_RAH_dental.metaspades.bin.34	CNA0070038	95.35	2.33	42.64	90.23	TRUE	694,083	708	675	121	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002313-22_RAH_dental.metaspades.bin.48	CNA0070040	95.35	0	44.03	91.93	TRUE	559,948	570	534	58	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002313-22_RAH_dental.metaspades.bin.87	CNA0070041	100	0	41.50	91.53	TRUE	678,482	702	655	10	Chinese cohorts	MAG	human body	oral cavity

RSZAXPI002314-23_RAH_dental.metaspades.bin.46	CNA0070043	93.02	2.33	37.65	90.34	TRUE	645,898	682	648	49	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002314-23_RAH_dental.metaspades.bin.51	CNA0070045	93.02	0	34.16	89.21	TRUE	680,269	681	650	85	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002315-24_RAH_dental.metaspades.bin.39	CNA0070047	100	2.33	48.96	90.64	TRUE	891,548	933	888	15	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002315-24_RAH_dental.metaspades.bin.62	CNA0070048	97.67	0	38.02	90.70	TRUE	647,691	676	636	5	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002316-25_RAH_dental.metaspades.bin.26	CNA0070050	95.35	4.65	48.31	91.15	TRUE	754,262	796	755	87	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002316-25_RAH_dental.metaspades.bin.41	CNA0070052	90.7	2.33	46.97	87.36	TRUE	703,378	734	706	44	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002316-25_RAH_dental.metaspades.bin.44	CNA0070053	100	0	38.20	90.31	TRUE	820,808	854	812	14	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002318-27_RAH_dental.metaspades.bin.13	CNA0070055	100	0	51.52	85.39	TRUE	1,061,752	1112	1066	14	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002318-27_RAH_dental.metaspades.bin.2	CNA0070056	95.35	2.33	37.95	89.73	TRUE	793,629	852	805	95	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002318-27_RAH_dental.metaspades.bin.48	CNA0070058	93.02	4.65	48.45	91.44	TRUE	717,025	731	695	110	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002318-27_RAH_dental.metaspades.bin.53	CNA0070060	97.67	0	38.41	89.50	TRUE	765,703	765	717	25	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002319-31_RAH_dental.metaspades.bin.72	CNA0070062	97.67	0	34.13	89.29	TRUE	756,765	758	715	9	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002321-33_RAH_dental.metaspades.bin.17	CNA0070063	100	0	37.87	90.45	TRUE	789,526	819	781	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002321-33_RAH_dental.metaspades.bin.23	CNA0070065	100	0	51.19	85.31	TRUE	1,115,144	1155	1112	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002321-33_RAH_dental.metaspades.bin.29	CNA0070067	95.35	0	50.47	89.07	TRUE	745,962	699	660	60	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002322-34_RAH_dental.metaspades.bin.14	CNA0070068	100	0	37.99	90.86	TRUE	763,678	786	745	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002323-35_RAH_dental.metaspades.bin.28	CNA0070070	100	0	51.86	85.72	TRUE	1,023,356	1068	1017	10	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002324-37_RAH_dental.metaspades.bin.18	CNA0070072	97.67	2.33	33.99	89.90	TRUE	716,668	732	693	55	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002324-37_RAH_dental.metaspades.bin.42	CNA0070073	95.35	0	43.34	92.09	TRUE	686,173	743	703	12	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002324-37_RAH_dental.metaspades.bin.77	CNA0070075	100	0	37.59	90.85	TRUE	683,683	706	664	12	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002325-39_RAH_dental.metaspades.bin.11	CNA0070077	100	2.33	48.01	90.83	TRUE	791,699	818	771	11	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002325-39_RAH_dental.metaspades.bin.28	CNA0070078	97.67	0	50.98	91.70	TRUE	651,619	708	683	64	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002325-39_RAH_dental.metaspades.bin.45	CNA0070080	100	0	38.06	90.35	TRUE	831,230	855	811	5	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002326-41_RAH_dental.metaspades.bin.24	CNA0070082	100	2.33	47.61	91.35	TRUE	888,404	926	883	6	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002326-41_RAH_dental.metaspades.bin.35	CNA0070083	95.35	2.33	49.10	90.65	TRUE	837,104	872	830	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002326-41_RAH_dental.metaspades.bin.62	CNA0070085	97.67	0	34.24	89.74	TRUE	747,856	741	702	6	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002326-41_RAH_dental.metaspades.bin.6	CNA0070087	100	0	38.18	90.49	TRUE	807,241	820	777	5	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002326-41_RAH_dental.metaspades.bin.8	CNA0070089	100	2.33	39.55	89.07	TRUE	794,337	801	754	4	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002330-47_RAH_dental.metaspades.bin.26	CNA0070090	93.02	2.33	47.56	91.54	TRUE	817,781	877	839	30	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002330-47_RAH_dental.metaspades.bin.66	CNA0070092	93.02	0	51.76	85.45	TRUE	1,008,380	1049	1009	128	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002330-47_RAH_dental.metaspades.bin.70	CNA0070094	97.67	0	50.27	89.71	TRUE	837,577	780	732	18	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002331-56_RAH_dental.metaspades.bin.18	CNA0070095	93.02	0	51.11	88.83	TRUE	729,087	685	646	102	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002331-56_RAH_dental.metaspades.bin.3	CNA0070097	95.35	4.65	48.35	91.48	TRUE	738,700	778	740	43	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002331-56_RAH_dental.metaspades.bin.43	CNA0070099	100	0	37.43	91.30	TRUE	690,312	701	669	11	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002331-56_RAH_dental.metaspades.bin.80	CNA0070100	100	4.65	36.78	90.25	TRUE	694,434	742	702	50	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002332-57_RAH_dental.metaspades.bin.16	CNA0070102	100	4.65	48.83	90.31	TRUE	930,040	980	934	26	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002454-50_RAH_dental.metaspades.bin.3	CNA0070104	100	2.33	37.91	90.93	TRUE	771,688	792	750	9	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002455-75_RAH_dental.metaspades.bin.27	CNA0070106	100	4.65	51.04	89.59	TRUE	730,839	677	634	48	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002455-75_RAH_dental.metaspades.bin.33	CNA0070107	97.67	2.33	38.10	90.99	TRUE	805,839	813	771	20	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002456-79_RAH_dental.metaspades.bin.34	CNA0070109	93.02	0	50.88	89.55	TRUE	707,585	661	621	33	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002456-79_RAH_dental.metaspades.bin.7	CNA0070111	97.67	0	38.08	89.65	TRUE	724,069	710	661	10	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002458-89_RAH_dental.metaspades.bin.11	CNA0070112	100	0	38.02	91.05	TRUE	762,521	781	743	14	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002458-89_RAH_dental.metaspades.bin.78	CNA0070114	97.67	0	33.98	89.83	TRUE	727,881	725	687	16	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002459-90_RAH_dental.metaspades.bin.59	CNA0070116	97.67	0	37.44	91.05	TRUE	730,202	747	711	62	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002460-93_2_RAH_saliva.metaspades.bin.17	CNA0070117	100	2.33	43.07	90.57	TRUE	751,015	795	747	63	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002460-93_2_RAH_saliva.metaspades.bin.39	CNA0070119	93.02	2.33	35.29	90.00	TRUE	655,985	696	662	74	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002460-93_RAH_saliva.metaspades.bin.2	CNA0070121	100	2.33	43.09	90.77	TRUE	752,123	803	757	59	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002465-98_2_RAH_saliva.metaspades.bin.9	CNA0070122	95.35	2.33	42.90	91.01	TRUE	629,557	627	600	96	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002469-104_2_RAH_saliva.metaspades.bin.11	CNA0070124	95.35	0	43.34	91.08	TRUE	719,350	769	723	64	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002470-105_2_RAH_saliva.metaspades.bin.33	CNA0070126	100	0	36.36	90.57	TRUE	659,004	681	640	9	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002470-105_RAH_saliva.metaspades.bin.10	CNA0070128	100	0	36.28	89.96	TRUE	657,004	683	644	43	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002470-105_RAH_saliva.metaspades.bin.14	CNA0070129	97.67	4.65	43.27	91.91	TRUE	738,808	805	761	46	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002471-106_2_RAH_saliva.metaspades.bin.25	CNA0070131	90.7	2.33	54.54	90.60	TRUE	769,635	822	787	124	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002477-142_2_RAH_saliva.metaspades.bin.82	CNA0070133	97.67	0	43.06	91.25	TRUE	739,784	791	745	29	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002479-169_2_RAH_saliva.metaspades.bin.78	CNA0070134	100	0	42.01	90.19	TRUE	712,571	699	652	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002479-169_RAH_saliva.metaspades.bin.73	CNA0070136	100	0	42.00	90.49	TRUE	708,388	694	654	39	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002482-15_2_RAH_saliva.metaspades.bin.8	CNA0070138	97.67	0	43.41	91.15	TRUE	665,504	740	696	121	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002603-21_RA_dental.metaspades.bin.27	CNA0070139	100	2.33	47.08	91.27	TRUE	1,238,179	1318	1266	64	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002603-21_RA_dental.metaspades.bin.30	CNA0070141	93.02	0	50.82	88.62	TRUE	686,465	650	607	13	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002603-21_RA_dental.metaspades.bin.63	CNA0070143	97.67	0	38.24	89.29	TRUE	747,784	721	674	7	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002604-26_RA_dental.metaspades.bin.30	CNA0070145	100	0	52.11	91.90	TRUE	725,716	774	732	6	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002604-26_RA_dental.metaspades.bin.36	CNA0070146	100	0	38.32	90.83	TRUE	811,208	839	795	5	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002604-26_RA_dental.metaspades.bin.6	CNA0070148	97.67	0	50.54	89.10	TRUE	774,850	730	683	11	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002606-27_RA_dental.metaspades.bin.28	CNA0070150	97.67	0	38.12	89.27	TRUE	795,831	807	759	3	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002606-27_RA_dental.metaspades.bin.59	CNA0070152	97.67	0	34.00	89.81	TRUE	731,585	737	700	9	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002609-25_RA_dental.metaspades.bin.20	CNA0070153	100	0	51.09	85.50	TRUE	1,114,897	1159	1114	14	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002609-25_RA_dental.metaspades.bin.46	CNA0070155	100	0	38.06	90.57	TRUE	766,939	800	758	10	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002612-20_RA_dental.metaspades.bin.34	CNA0070157	100	4.65	48.38	90.83	TRUE	720,602	751	704	6	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002613-24_RA_dental.metaspades.bin.37	CNA0070159	100	0	50.99	91.32	TRUE	786,836	859	815	6	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002613-24_RA_dental.metaspades.bin.48	CNA0070160	100	0	38.92	90.56	TRUE	902,700	935	893	9	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002614-22_RA_dental.metaspades.bin.18	CNA0070162	97.67	0	50.57	89.98	TRUE	787,981	744	696	39	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002617-32_RA_dental.metaspades.bin.17	CNA0070164	100	2.33	47.90	91.00	TRUE	783,849	837	794	30	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002617-32_RA_dental.metaspades.bin.20	CNA0070166	100	0	37.97	90.37	TRUE	763,712	801	764	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002619-34_RA_dental.metaspades.bin.16	CNA0070168	97.67	0	33.90	89.59	TRUE	728,690	741	702	14	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002619-34_RA_dental.metaspades.bin.39	CNA0070169	95.35	0	51.81	90.70	TRUE	860,283	919	879	17	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002619-34_RA_dental.metaspades.bin.45	CNA0070171	97.67	0	50.47	88.72	TRUE	624,489	585	552	20	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002619-34_RA_dental.metaspades.bin.5	CNA0070173	100	0	41.41	89.12	TRUE	778,191	740	693	9	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002620-35_RA_dental.metaspades.bin.12	CNA0070175	100	2.33	47.91	91.04	TRUE	861,991	905	856	11	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002620-35_RA_dental.metaspades.bin.1	CNA0070176	95.35	2.33	46.98	91.64	TRUE	916,239	992	952	27	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002620-35_RA_dental.metaspades.bin.36	CNA0070178	97.67	2.33	37.83	91.54	TRUE	685,687	697	663	62	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002620-35_RA_dental.metaspades.bin.60	CNA0070180	93.02	0	50.72	89.13	TRUE	717,562	655	615	16	Chinese cohorts	MAG	human body	oral cavity

RSZAXPI002622-39_RA_saliva.metaspades.bin.19	CNA0070182	90.7	0	41.11	88.05	TRUE	617,562	620	590	128	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002625-57_RA_dental.metaspades.bin.44	CNA0070184	100	2.33	46.73	90.50	TRUE	789,177	827	784	16	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002626-66_RA_dental.metaspades.bin.71	CNA0070186	100	0	37.40	90.83	TRUE	652,055	663	631	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002627-75_RA_dental.metaspades.bin.12	CNA0070187	100	0	38.78	90.72	TRUE	883,168	921	876	30	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002627-75_RA_dental.metaspades.bin.25	CNA0070189	95.35	2.33	50.70	88.78	TRUE	807,071	751	707	73	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002628-79_RA_dental.metaspades.bin.30	CNA0070191	93.02	0	49.75	91.15	TRUE	663,423	686	657	72	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002629-81_RA_dental.metaspades.bin.76	CNA0070192	95.35	2.33	52.42	85.93	TRUE	942,524	1016	979	140	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002629-81_RA_dental.metaspades.bin.82	CNA0070194	93.02	0	50.44	88.36	TRUE	765,049	729	681	23	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002632-89_RA_dental.metaspades.bin.17	CNA0070195	100	0	39.64	89.21	TRUE	792,907	789	741	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002633-90_RA_dental.metaspades.bin.24	CNA0070196	97.67	0	35.33	89.99	TRUE	649,115	687	647	18	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002633-90_RA_dental.metaspades.bin.41	CNA0070198	100	2.33	38.31	90.85	TRUE	839,279	861	821	12	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002633-90_RA_dental.metaspades.bin.49	CNA0070199	100	2.33	47.47	90.81	TRUE	885,805	916	867	4	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002633-90_RA_dental.metaspades.bin.54	CNA0070201	97.67	0	50.45	88.81	TRUE	827,389	773	725	14	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002635-94_RA_dental.metaspades.bin.41	CNA0070202	93.02	2.33	46.67	90.84	TRUE	788,102	878	840	23	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002636-95_RA_dental.metaspades.bin.12	CNA0070204	100	4.65	47.96	91.08	TRUE	852,980	907	860	38	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002636-95_RA_dental.metaspades.bin.22	CNA0070205	100	0	51.12	92.01	TRUE	776,503	854	813	7	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002636-95_RA_dental.metaspades.bin.30	CNA0070206	95.35	0	37.71	89.87	TRUE	792,766	794	755	94	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002636-95_RA_dental.metaspades.bin.34	CNA0070208	90.7	0	52.21	85.95	TRUE	838,912	922	887	161	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002637-96_RA_dental.metaspades.bin.23	CNA0070209	97.67	4.65	37.96	89.11	TRUE	821,612	838	790	83	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002637-96_RA_dental.metaspades.bin.5	CNA0070211	97.67	2.33	46.76	90.96	TRUE	718,713	776	737	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002639-98_RA_dental.metaspades.bin.8	CNA0070212	95.35	0	50.19	89.22	TRUE	797,758	740	699	20	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002641-101_RA_dental.metaspades.bin.19	CNA0070214	93.02	2.33	44.28	92.50	TRUE	642,332	689	652	14	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002641-101_RA_dental.metaspades.bin.55	CNA0070215	93.02	0	37.69	91.40	TRUE	658,791	674	643	6	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002641-101_RA_dental.metaspades.bin.62	CNA0070217	95.35	4.65	49.15	90.36	TRUE	814,521	832	792	70	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002650-142_RA_saliva.metaspades.bin.28	CNA0070218	100	0	52.29	85.84	TRUE	977,398	1018	974	43	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002653-13_RA_saliva.metaspades.bin.41	CNA0070219	100	4.65	51.73	85.49	TRUE	1,123,451	1161	1110	51	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002653-13_RA_saliva.metaspades.bin.70	CNA0070221	95.35	2.33	43.27	92.13	TRUE	694,351	745	704	32	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002655-15_RA_dental.metaspades.bin.1	CNA0070222	97.67	0	37.82	89.66	TRUE	719,681	744	698	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002655-15_RA_dental.metaspades.bin.44	CNA0070224	100	0	39.61	89.49	TRUE	771,680	761	714	13	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002656-16_RA_dental.metaspades.bin.48	CNA0070226	95.35	2.33	50.45	89.24	TRUE	787,481	738	690	42	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002657-17_RA_dental.metaspades.bin.13	CNA0070227	97.67	0	34.05	89.43	TRUE	736,629	734	695	15	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002657-17_RA_dental.metaspades.bin.27	CNA0070228	100	2.33	48.88	89.86	TRUE	913,638	957	913	10	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002657-17_RA_dental.metaspades.bin.42	CNA0070230	93.02	2.33	47.58	91.65	TRUE	699,546	728	685	4	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002673-20_RA_dental.metaspades.bin.25	CNA0070231	100	2.33	47.50	90.89	TRUE	878,397	931	886	14	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002673-20_RA_dental.metaspades.bin.3	CNA0070233	100	0	38.02	90.37	TRUE	753,131	792	753	30	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002673-20_RA_dental.metaspades.bin.43	CNA0070235	100	2.33	48.70	89.96	TRUE	891,458	922	873	8	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002674-21_RA_dental.metaspades.bin.42	CNA0070236	97.67	4.65	46.84	90.31	TRUE	851,084	913	873	21	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002675-22_RA_dental.metaspades.bin.45	CNA0070238	97.67	0	50.49	88.90	TRUE	816,483	763	716	17	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002675-22_RA_dental.metaspades.bin.61	CNA0070239	97.67	0	52.45	85.73	TRUE	934,750	959	918	27	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002681-31_RA_saliva.metaspades.bin.57	CNA0070241	95.35	2.33	43.80	91.97	TRUE	648,381	671	637	83	Chinese cohorts	MAG	human body	oral cavity
RSZAXPI002682-32_RA_saliva.metaspades.bin.12	CNA0070243	97.67	0	43.65	91.52	TRUE	643,076	706	665	48	Chinese cohorts	MAG	human body	oral cavity
SZAXPI011699-166_RA_dental.metaspades.bin.36	CNA0071113	90.7	0	47.10	90.99	TRUE	1,015,644	1092	1048	49	Chinese cohorts	MAG	human body	oral cavity
SZAXPI011699-166_RA_dental.metaspades.bin.38	CNA0071117	97.67	0	37.62	91.30	TRUE	698,284	730	693	21	Chinese cohorts	MAG	human body	oral cavity
SZAXPI011699-166_RA_dental.metaspades.bin.58	CNA0071120	93.02	0	38.43	89.76	TRUE	667,005	658	613	45	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018092-13_RA_dental.metaspades.bin.42	CNA0071123	95.35	2.33	47.49	90.74	TRUE	763,478	804	758	31	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018092-13_RA_dental.metaspades.bin.61	CNA0071126	97.67	4.65	47.29	91.97	TRUE	999,034	1046	1005	18	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018093-14_RA_dental.metaspades.bin.39	CNA0071129	100	0	38.00	90.91	TRUE	751,036	775	733	12	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018094-15_RA_dental.metaspades.bin.29	CNA0071132	93.02	0	50.84	88.89	TRUE	710,743	683	637	15	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018095-16_RA_dental.metaspades.bin.15	CNA0071135	97.67	0	33.94	89.67	TRUE	748,394	772	734	2	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018096-17_RA_dental.metaspades.bin.23	CNA0071138	93.02	0	52.26	85.58	TRUE	934,887	952	915	84	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018096-17_RA_dental.metaspades.bin.34	CNA0071141	90.7	0	37.68	91.17	TRUE	671,975	674	647	5	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018096-17_RA_dental.metaspades.bin.59	CNA0071144	97.67	0	33.88	90.04	TRUE	706,983	714	678	16	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018096-17_RA_dental.metaspades.bin.67	CNA0071146	93.02	2.33	50.76	88.85	TRUE	736,123	690	646	44	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018096-17_RA_dental.metaspades.bin.7	CNA0071149	100	2.33	48.88	90.42	TRUE	869,994	906	862	15	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018097-18_RA_dental.metaspades.bin.14	CNA0071152	97.67	0	38.20	89.25	TRUE	741,287	722	674	4	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018097-18_RA_dental.metaspades.bin.33	CNA0071156	100	2.33	38.14	90.10	TRUE	831,180	864	820	4	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018097-18_RA_dental.metaspades.bin.87	CNA0071160	97.67	0	50.72	88.66	TRUE	796,198	752	704	18	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018098-19_RA_dental.metaspades.bin.53	CNA0071163	90.7	0	47.51	91.02	TRUE	779,385	829	789	9	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018098-19_RA_dental.metaspades.bin.54	CNA0071166	100	0	37.56	90.88	TRUE	696,256	714	675	10	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018099-20_RA_dental.metaspades.bin.40	CNA0071169	97.67	0	37.88	90.11	TRUE	688,806	703	667	12	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018101-22_RA_dental.metaspades.bin.22	CNA0071172	100	2.33	38.01	90.59	TRUE	752,182	787	752	11	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018101-22_RA_dental.metaspades.bin.26	CNA0071174	100	2.33	47.11	90.38	TRUE	965,177	1012	963	42	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018101-22_RA_dental.metaspades.bin.8	CNA0071177	97.67	0	33.96	89.41	TRUE	693,060	682	651	42	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018102-23_RA_dental.metaspades.bin.20	CNA0071181	100	0	51.59	85.04	TRUE	1,052,333	1093	1047	8	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018103-24_RA_dental.metaspades.bin.40	CNA0071184	93.02	2.33	42.37	90.51	TRUE	694,830	714	680	62	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018103-24_RA_dental.metaspades.bin.45	CNA0071188	100	0	39.67	89.54	TRUE	758,497	758	709	6	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018103-24_RA_dental.metaspades.bin.52	CNA0071191	100	0	37.94	91.09	TRUE	740,157	762	725	11	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018103-24_RA_dental.metaspades.bin.59	CNA0071195	97.67	0	33.85	89.45	TRUE	724,276	731	694	26	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018171-25_1_RA_dental.metaspades.bin.23	CNA0071198	100	0	38.35	90.61	TRUE	829,482	856	813	9	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018171-25_1_RA_dental.metaspades.bin.52	CNA0071202	95.35	4.65	47.42	91.55	TRUE	804,267	855	815	47	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018171-25_1_RA_dental.metaspades.bin.5	CNA0071205	95.35	2.33	38.11	89.54	TRUE	755,225	757	710	26	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018171-25_1_RA_dental.metaspades.bin.83	CNA0071208	100	0	50.43	89.56	TRUE	834,453	767	719	12	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018172-26_RA_dental.metaspades.bin.32	CNA0071212	100	0	52.38	85.56	TRUE	990,980	1014	969	7	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018172-26_RA_dental.metaspades.bin.42	CNA0071215	100	0	37.50	91.10	TRUE	608,967	623	590	9	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018173-27_RA_dental.metaspades.bin.20	CNA0071219	93.02	0	38.23	90.54	TRUE	759,722	785	747	42	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018174-30_RA_dental.metaspades.bin.36	CNA0071222	93.02	2.33	51.75	92.08	TRUE	888,184	947	906	12	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018176-32_RA_dental.metaspades.bin.12	CNA0071225	100	2.33	47.74	90.79	TRUE	920,725	994	947	14	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018177-33_RA_dental.metaspades.bin.61	CNA0071229	100	0	51.01	91.47	TRUE	827,183	879	835	5	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018178-34_RA_dental.metaspades.bin.15	CNA0071232	97.67	0	38.25	89.50	TRUE	737,131	731	684	1	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018178-34_RA_dental.metaspades.bin.52	CNA0071235	93.02	0	50.86	89.19	TRUE	759,776	700	655	77	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018178-34_RA_dental.metaspades.bin.62	CNA0071238	93.02	0	34.11	90.31	TRUE	654,052	647	615	115	Chinese cohorts	MAG	human body	oral cavity

SZAXPI018180-36_RA_dental.metaspades.bin.18	CNA0071241	100	0	38.48	90.22	TRUE	847,906	886	842	6	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018180-36_RA_dental.metaspades.bin.4	CNA0071244	97.67	2.33	47.61	90.95	TRUE	805,037	864	822	74	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018181-37_RA_dental.metaspades.bin.31	CNA0071247	100	0	47.25	91.37	TRUE	911,478	973	926	25	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018181-37_RA_dental.metaspades.bin.33	CNA0071250	97.67	0	50.08	89.54	TRUE	858,528	799	751	13	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018182-39_RA_dental.metaspades.bin.37	CNA0071253	97.67	0	37.80	90.71	TRUE	673,569	685	649	8	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018184-41_RA_dental.metaspades.bin.37	CNA0071256	100	0	52.41	85.35	TRUE	1,026,525	1037	988	13	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018187-45_RA_dental.metaspades.bin.28	CNA0071260	100	0	51.66	85.05	TRUE	1,060,344	1082	1032	16	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018188-46_RA_dental.metaspades.bin.49	CNA0071263	100	0	51.24	85.62	TRUE	1,066,003	1111	1065	20	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018189-47_RA_dental.metaspades.bin.40	CNA0071266	93.02	0	47.66	92.04	TRUE	772,288	820	779	24	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018189-47_RA_dental.metaspades.bin.68	CNA0071269	100	0	37.95	91.05	TRUE	744,018	781	741	12	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018190-56_RA_dental.metaspades.bin.33	CNA0071272	100	0	38.65	90.12	TRUE	893,731	905	861	18	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018190-56_RA_dental.metaspades.bin.44	CNA0071275	95.35	2.33	47.09	87.52	TRUE	851,029	890	853	42	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018190-56_RA_dental.metaspades.bin.64	CNA0071279	97.67	0	33.96	89.67	TRUE	723,020	727	687	19	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018191-57_RA_dental.metaspades.bin.32	CNA0071282	97.67	0	34.49	89.78	TRUE	743,694	746	708	7	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018191-57_RA_dental.metaspades.bin.69	CNA0071285	97.67	0	37.89	90.89	TRUE	739,369	767	729	23	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018271-62_RA_dental.metaspades.bin.3	CNA0071288	100	2.33	47.77	91.62	TRUE	786,725	847	811	24	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018271-62_RA_dental.metaspades.bin.80	CNA0071291	97.67	0	37.76	91.49	TRUE	697,774	722	682	15	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018272-74_RA_dental.metaspades.bin.18	CNA0071294	100	0	37.82	90.80	TRUE	718,161	741	700	10	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018273-75_RA_dental.metaspades.bin.22	CNA0071297	93.02	0	37.43	91.38	TRUE	655,845	662	631	11	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018273-75_RA_dental.metaspades.bin.34	CNA0071300	97.67	0	40.25	89.15	TRUE	820,110	793	743	13	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018274-87_RA_dental.metaspades.bin.42	CNA0071304	97.67	0	37.63	90.91	TRUE	666,840	677	637	8	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018274-87_RA_dental.metaspades.bin.66	CNA0071306	95.35	4.65	50.83	89.72	TRUE	794,648	731	690	54	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018275-88_RA_dental.metaspades.bin.38	CNA0071309	95.35	2.33	49.34	90.58	TRUE	803,613	841	799	18	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018275-88_RA_dental.metaspades.bin.49	CNA0071312	97.67	0	37.83	91.10	TRUE	707,144	729	689	14	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018275-88_RA_dental.metaspades.bin.50	CNA0071315	93.02	0	34.04	89.59	TRUE	677,931	695	663	79	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018276-89_RA_dental.metaspades.bin.7	CNA0071318	100	0	38.22	90.21	TRUE	812,685	843	798	7	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018277-90_RA_dental.metaspades.bin.26	CNA0071321	97.67	0	38.12	90.82	TRUE	780,071	806	766	11	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018277-90_RA_dental.metaspades.bin.45	CNA0071324	97.67	4.65	48.13	92.43	TRUE	820,526	876	836	62	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018277-90_RA_dental.metaspades.bin.77	CNA0071327	97.67	0	38.15	89.62	TRUE	727,796	707	660	4	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018278-93_RA_dental.metaspades.bin.39	CNA0071330	97.67	0	41.19	89.16	TRUE	820,079	799	750	14	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018278-93_RA_dental.metaspades.bin.41	CNA0071333	100	0	44.68	92.51	TRUE	723,807	778	734	21	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018279-94_RA_dental.metaspades.bin.16	CNA0071337	90.7	0	50.58	90.32	TRUE	715,829	686	646	68	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018279-94_RA_dental.metaspades.bin.46	CNA0071340	100	0	38.21	90.61	TRUE	822,559	856	812	1	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018280-95_RA_dental.metaspades.bin.19	CNA0071343	100	0	35.18	89.94	TRUE	643,092	661	619	2	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018280-95_RA_dental.metaspades.bin.20	CNA0071346	100	0	51.58	85.76	TRUE	1,045,767	1080	1038	6	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018280-95_RA_dental.metaspades.bin.36	CNA0071349	97.67	2.33	48.11	91.73	TRUE	757,009	796	753	35	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018281-102_RA_dental.metaspades.bin.20	CNA0071353	100	0	51.96	85.67	TRUE	993,789	1021	974	4	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018282-108_RA_dental.metaspades.bin.30	CNA0071356	97.67	0	38.04	91.01	TRUE	772,054	788	747	5	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018282-108_RA_dental.metaspades.bin.67	CNA0071360	97.67	0	38.33	89.64	TRUE	722,056	713	666	2	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018282-108_RA_dental.metaspades.bin.70	CNA0071363	97.67	0	50.82	89.18	TRUE	775,389	728	682	9	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018283-109_RA_dental.metaspades.bin.24	CNA0071366	100	2.33	47.13	91.23	TRUE	870,079	940	903	18	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018284-111_RA_dental.metaspades.bin.3	CNA0071369	97.67	0	50.76	89.30	TRUE	799,972	752	706	40	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018284-111_RA_dental.metaspades.bin.60	CNA0071372	93.02	0	47.45	91.20	TRUE	847,827	901	850	6	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018285-113_RA_dental.metaspades.bin.57	CNA0071375	97.67	0	51.22	85.36	TRUE	1,057,451	1094	1050	17	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018286-123_RA_dental.metaspades.bin.12	CNA0071378	90.7	2.33	47.42	91.32	TRUE	803,305	866	822	21	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018286-123_RA_dental.metaspades.bin.16	CNA0071381	97.67	0	38.12	89.25	TRUE	736,281	712	665	3	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018286-123_RA_dental.metaspades.bin.45	CNA0071383	100	0	36.99	90.29	TRUE	633,506	663	621	6	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018286-123_RA_dental.metaspades.bin.62	CNA0071386	100	2.33	47.55	91.42	TRUE	849,267	890	844	3	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018286-123_RA_dental.metaspades.bin.63	CNA0071389	97.67	0	37.87	91.07	TRUE	735,219	751	711	18	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018286-123_RA_dental.metaspades.bin.94	CNA0071392	95.35	0	36.77	89.93	TRUE	636,881	622	584	47	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018287-129_RA_dental.metaspades.bin.14	CNA0071395	97.67	0	33.96	89.67	TRUE	721,284	722	683	8	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018287-129_RA_dental.metaspades.bin.24	CNA0071398	100	0	52.35	86.23	TRUE	1,001,910	1040	998	8	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018287-129_RA_dental.metaspades.bin.34	CNA0071401	100	2.33	49.57	91.16	TRUE	811,843	839	797	10	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018287-129_RA_dental.metaspades.bin.69	CNA0071403	100	2.33	37.85	91.47	TRUE	728,951	745	708	40	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018288-133_RA_dental.metaspades.bin.36	CNA0071406	100	0	38.12	90.74	TRUE	828,892	855	814	6	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018288-133_RA_dental.metaspades.bin.4	CNA0071409	100	0	52.17	86.19	TRUE	1,044,509	1077	1034	6	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018288-133_RA_dental.metaspades.bin.72	CNA0071412	100	2.33	49.15	90.06	TRUE	799,512	824	778	20	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018291-142_RA_dental.metaspades.bin.25	CNA0071415	100	2.33	38.06	90.87	TRUE	806,339	823	783	52	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018291-142_RA_dental.metaspades.bin.37	CNA0071419	95.35	0	52.17	85.55	TRUE	943,634	979	938	59	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018292-158_RA_dental.metaspades.bin.12	CNA0071422	93.02	0	37.98	90.41	TRUE	636,953	658	622	11	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018292-158_RA_dental.metaspades.bin.62	CNA0071425	95.35	4.65	48.04	91.50	TRUE	851,409	880	837	73	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018302-84_RA_dental.metaspades.bin.17	CNA0071428	100	4.65	47.99	90.93	TRUE	839,242	890	844	25	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018309-166_RA_dental.metaspades.bin.21	CNA0071431	93.02	2.33	49.27	91.08	TRUE	802,563	826	788	77	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018310-169_RA_dental.metaspades.bin.1	CNA0071433	97.67	0	37.38	90.79	TRUE	634,733	646	611	7	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018312-14_RA_dental.metaspades.bin.43	CNA0071436	97.67	0	33.98	89.03	TRUE	766,267	775	734	58	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018312-14_RA_dental.metaspades.bin.62	CNA0071439	95.35	0	39.65	90.07	TRUE	754,255	754	711	13	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018312-14_RA_dental.metaspades.bin.67	CNA0071442	97.67	0	42.31	90.50	TRUE	763,505	767	727	22	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018312-14_RA_dental.metaspades.bin.87	CNA0071445	95.35	2.33	37.93	90.16	TRUE	788,922	801	760	65	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018313-15_RA_dental.metaspades.bin.16	CNA0071448	97.67	0	34.09	89.59	TRUE	735,857	744	705	8	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018313-15_RA_dental.metaspades.bin.43	CNA0071451	97.67	0	50.57	89.21	TRUE	840,490	793	744	54	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018315-17_RA_dental.metaspades.bin.12	CNA0071454	100	0	51.43	85.25	TRUE	1,079,263	1114	1070	12	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018315-17_RA_dental.metaspades.bin.21	CNA0071457	100	0	37.08	91.00	TRUE	645,428	681	643	6	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018315-17_RA_dental.metaspades.bin.58	CNA0071460	100	0	38.17	90.58	TRUE	818,552	846	806	6	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018316-18_RA_dental.metaspades.bin.5	CNA0071463	100	0	52.20	85.37	TRUE	1,097,718	1140	1091	9	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018317-19_RA_dental.metaspades.bin.31	CNA0071466	100	4.65	41.94	92.54	TRUE	690,562	734	693	12	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018317-19_RA_dental.metaspades.bin.46	CNA0071470	95.35	2.33	51.61	90.13	TRUE	905,612	965	918	28	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018317-19_RA_dental.metaspades.bin.4	CNA0071472	100	0	37.85	90.79	TRUE	794,396	818	774	36	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018317-19_RA_dental.metaspades.bin.69	CNA0071475	100	0	37.39	91.17	TRUE	610,053	628	588	2	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018317-19_RA_dental.metaspades.bin.70	CNA0071478	97.67	0	33.89	89.29	TRUE	733,476	732	693	16	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018318-20_RA_dental.metaspades.bin.22	CNA0071481	100	0	35.61	90.26	TRUE	666,118	703	662	5	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018318-20_RA_dental.metaspades.bin.38	CNA0071484	100	0	38.41	90.80	TRUE	825,893	862	816	3	Chinese cohorts	MAG	human body	oral cavity

SZAXPI018318-20_RA_dental.metaspades.bin.6	CNA0071487	97.67	0	51.86	85.75	TRUE	1,063,498	1095	1051	30	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018320-22_RA_dental.metaspades.bin.15	CNA0071490	97.67	0	37.69	91.16	TRUE	660,035	675	642	9	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018320-22_RA_dental.metaspades.bin.16	CNA0071493	100	2.33	47.83	91.28	TRUE	851,192	908	864	7	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018320-22_RA_dental.metaspades.bin.29	CNA0071495	97.67	0	33.98	89.37	TRUE	736,138	732	690	5	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018320-22_RA_dental.metaspades.bin.9	CNA0071498	95.35	4.65	51.02	89.22	TRUE	724,675	675	632	59	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018322-24_RA_dental.metaspades.bin.11	CNA0071500	100	2.33	39.89	89.01	TRUE	763,452	735	688	61	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018322-24_RA_dental.metaspades.bin.44	CNA0071502	100	4.65	48.89	90.22	TRUE	860,765	891	850	25	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018322-24_RA_dental.metaspades.bin.62	CNA0071504	93.02	0	37.83	91.73	TRUE	657,812	683	654	9	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018323-25_RA_dental.metaspades.bin.25	CNA0071506	93.02	0	40.02	89.61	TRUE	581,033	560	527	3	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018323-25_RA_dental.metaspades.bin.51	CNA0071509	100	4.65	39.34	91.03	TRUE	902,654	933	886	10	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018323-25_RA_dental.metaspades.bin.7	CNA0071511	100	4.65	46.76	90.50	TRUE	844,971	907	866	16	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018354-19_RA_saliva.metaspades.bin.2	CNA0071513	95.35	4.65	50.68	90.06	TRUE	715,015	691	650	104	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018354-19_RA_saliva.metaspades.bin.46	CNA0071515	100	0	36.39	90.71	TRUE	679,678	715	678	46	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018355-20_RA_saliva.metaspades.bin.45	CNA0071518	90.7	0	50.97	90.45	TRUE	642,426	614	576	126	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018357-22_RA_saliva.metaspades.bin.38	CNA0071520	93.02	0	50.66	90.30	TRUE	778,955	749	705	60	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018357-22_RA_saliva.metaspades.bin.71	CNA0071522	97.67	0	54.12	90.58	TRUE	831,740	860	817	29	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018358-23_RA_saliva.metaspades.bin.53	CNA0071523	100	0	40.95	89.28	TRUE	802,814	773	728	43	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018359-24_RA_saliva.metaspades.bin.78	CNA0071524	100	0	35.70	90.39	TRUE	648,844	676	635	8	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018391-27_RA_saliva.metaspades.bin.47	CNA0071525	95.35	0	41.19	88.66	TRUE	764,654	756	712	28	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018392-31_RA_saliva.metaspades.bin.11	CNA0071526	95.35	2.33	43.12	91.23	TRUE	735,711	793	756	106	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018394-33_RA_saliva.metaspades.bin.17	CNA0071527	97.67	0	40.74	89.37	TRUE	792,985	770	723	12	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018396-36_RA_saliva.metaspades.bin.56	CNA0071528	95.35	0	50.78	88.60	TRUE	702,358	654	613	48	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018397-37_RA_saliva.metaspades.bin.18	CNA0071529	97.67	0	41.20	88.78	TRUE	675,764	651	613	6	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018397-37_RA_saliva.metaspades.bin.28	CNA0071530	100	0	36.35	91.06	TRUE	656,687	699	659	7	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018400-40_RA_saliva.metaspades.bin.35	CNA0071531	97.67	0	43.32	91.59	TRUE	705,420	780	740	24	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018406-56_RA_saliva.metaspades.bin.70	CNA0071532	97.67	0	43.38	91.83	TRUE	620,680	642	594	5	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018406-56_RA_saliva.metaspades.bin.71	CNA0071533	95.35	0	40.96	89.93	TRUE	689,875	718	676	46	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018433-84_RA_saliva.metaspades.bin.87	CNA0071534	100	0	36.28	90.99	TRUE	692,380	730	693	45	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018435-88_RA_saliva.metaspades.bin.58	CNA0071535	93.02	0	50.74	89.38	TRUE	742,754	698	653	65	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018436-90_RA_saliva.metaspades.bin.9	CNA0071536	90.7	2.33	36.36	90.47	TRUE	661,886	693	651	47	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018439-102_RA_saliva.metaspades.bin.34	CNA0071537	100	2.33	40.25	89.85	TRUE	818,415	795	745	5	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018441-109_RA_saliva.metaspades.bin.47	CNA0071538	95.35	2.33	47.46	91.75	TRUE	798,251	848	805	49	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018452-169_1_RA_saliva.metaspades.bin.16	CNA0071539	100	0	35.48	89.67	TRUE	701,352	735	693	4	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018453-13_RA_saliva.metaspades.bin.39	CNA0071540	97.67	0	43.88	90.72	TRUE	521,669	542	502	15	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018453-13_RA_saliva.metaspades.bin.65	CNA0071541	100	0	35.60	89.90	TRUE	674,580	717	675	21	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018484-16_RA_saliva.metaspades.bin.36	CNA0071542	93.02	4.65	37.11	90.79	TRUE	591,897	628	592	43	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018484-16_RA_saliva.metaspades.bin.48	CNA0071543	95.35	4.65	43.60	92.40	TRUE	601,321	651	622	50	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018486-18_RA_saliva.metaspades.bin.17	CNA0071544	97.67	2.33	43.26	91.11	TRUE	715,210	774	727	58	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018488-20_RA_saliva.metaspades.bin.49	CNA0071545	97.67	4.65	51.67	90.23	TRUE	897,672	960	911	16	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018490-22_RA_saliva.metaspades.bin.30	CNA0071546	100	0	36.41	90.16	TRUE	651,117	674	630	7	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018492-24_RA_saliva.metaspades.bin.47	CNA0071547	93.02	4.65	40.85	89.14	TRUE	851,449	810	766	103	Chinese cohorts	MAG	human body	oral cavity
SZAXPI018493-25_RA_saliva.metaspades.bin.44	CNA0071548	100	0	40.22	89.71	TRUE	817,071	786	738	12	Chinese cohorts	MAG	human body	oral cavity
RDPYD18075171_A_saliva.metaspades.bin.8	CNA0069754	100	2.33	43.20	90.94	TRUE	750,645	835	787	81	Chinese cohorts	MAG	human body	oral cavity
RDPYD18075172_A_saliva.metaspades.bin.27	CNA0069755	95.35	4.65	43.65	92.47	TRUE	654,808	684	651	87	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088781_A_saliva.metaspades.bin.15	CNA0069756	90.7	2.33	43.56	92.65	TRUE	555,279	589	565	128	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088792_A_saliva.metaspades.bin.66	CNA0069757	93.02	0	43.40	91.58	TRUE	652,671	695	657	135	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088800_A_saliva.metaspades.bin.38	CNA0069758	100	0	43.60	91.06	TRUE	674,054	722	681	6	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088805_A_saliva.metaspades.bin.25	CNA0069759	100	0	36.00	89.91	TRUE	645,758	662	622	60	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088813_A_saliva.metaspades.bin.37	CNA0069760	100	0	35.61	89.92	TRUE	676,706	714	673	6	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088830_A_saliva.metaspades.bin.38	CNA0069761	100	0	42.95	91.76	TRUE	735,423	788	742	5	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088838_A_saliva.metaspades.bin.60	CNA0069762	100	0	35.79	90.14	TRUE	679,777	722	682	5	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088951_A_saliva.metaspades.bin.87	CNA0069763	95.35	0	41.39	89.30	TRUE	784,967	744	702	20	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088953_A_saliva.metaspades.bin.4	CNA0069764	93.02	2.33	43.46	92.90	TRUE	610,809	651	617	133	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088954_A_saliva.metaspades.bin.47	CNA0069765	100	0	35.66	90.27	TRUE	661,805	692	655	4	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088968_A_saliva.metaspades.bin.21	CNA0069766	93.02	4.65	43.30	91.71	TRUE	655,051	710	675	164	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088975_A_saliva.metaspades.bin.20	CNA0069767	97.67	0	35.44	89.68	TRUE	644,725	673	633	65	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088975_A_saliva.metaspades.bin.3	CNA0069768	95.35	2.33	42.73	92.49	TRUE	647,765	680	651	158	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088979_A_saliva.metaspades.bin.8	CNA0069769	97.67	0	40.83	89.09	TRUE	783,340	755	710	28	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088981_A_saliva.metaspades.bin.1	CNA0069770	95.35	2.33	40.94	89.08	TRUE	743,779	733	691	49	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088981_A_saliva.metaspades.bin.41	CNA0069771	100	0	42.89	91.89	TRUE	704,879	761	717	23	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088983_A_saliva.metaspades.bin.11	CNA0069772	93.02	0	43.28	90.97	TRUE	688,868	725	679	113	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088984_A_saliva.metaspades.bin.13	CNA0069773	95.35	2.33	43.66	92.81	TRUE	612,061	662	636	132	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088985_A_saliva.metaspades.bin.11	CNA0069774	97.67	2.33	43.44	91.25	TRUE	717,364	766	720	52	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088987_A_saliva.metaspades.bin.6	CNA0069775	95.35	4.65	43.48	90.97	TRUE	673,055	720	678	69	Chinese cohorts	MAG	human body	oral cavity
RDPYD18088989_A_saliva.metaspades.bin.19	CNA0069776	95.35	0	43.16	90.89	TRUE	711,290	774	729	51	Chinese cohorts	MAG	human body	oral cavity
RDPYD18093589_A_saliva.metaspades.bin.27	CNA0069777	90.7	2.33	43.78	93.54	TRUE	491,852	520	496	152	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189812_A_saliva.metaspades.bin.9	CNA0069852	95.35	2.33	36.17	90.65	TRUE	619,505	638	601	101	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189828_A_saliva.metaspades.bin.6	CNA0069853	97.67	0	43.46	91.72	TRUE	699,592	745	698	21	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189830_A_saliva.metaspades.bin.63	CNA0069855	100	0	43.18	91.32	TRUE	729,420	785	739	9	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189833_A_saliva.metaspades.bin.38	CNA0069856	100	0	42.72	91.64	TRUE	718,777	786	742	9	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189835_A_saliva.metaspades.bin.31	CNA0069858	90.7	2.33	41.07	88.63	TRUE	738,449	721	676	37	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189836_A_saliva.metaspades.bin.24	CNA0069859	100	0	43.32	90.79	TRUE	705,974	772	725	14	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189844_A_saliva.metaspades.bin.3	CNA0069861	90.7	4.65	44.00	92.72	TRUE	556,492	596	573	159	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189848_A_saliva.metaspades.bin.20	CNA0069862	100	0	43.60	91.07	TRUE	677,392	734	689	8	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189852_A_saliva.metaspades.bin.58	CNA0069863	97.67	0	36.39	90.71	TRUE	651,887	669	634	46	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189853_A_saliva.metaspades.bin.43	CNA0069865	93.02	2.33	43.77	92.10	TRUE	587,794	634	594	125	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189858_A_saliva.metaspades.bin.62	CNA0069866	95.35	2.33	50.91	90.12	TRUE	749,988	691	651	151	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189858_A_saliva.metaspades.bin.8	CNA0069868	100	2.33	43.82	92.51	TRUE	608,824	637	601	118	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189867_A_saliva.metaspades.bin.12	CNA0069869	95.35	0	43.50	91.60	TRUE	672,400	720	674	70	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189868_A_saliva.metaspades.bin.61	CNA0069871	90.7	0	43.76	93.11	TRUE	626,127	669	638	107	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189869_A_saliva.metaspades.bin.73	CNA0069872	100	0	43.09	91.25	TRUE	745,963	803	757	10	Chinese cohorts	MAG	human body	oral cavity

RDPYD18189874_A_saliva.metaspades.bin.36	CNA0069874	97.67	0	42.88	92.01	TRUE	743,415	800	757	11	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189875_A_saliva.metaspades.bin.4	CNA0069875	90.7	2.33	43.68	92.08	TRUE	569,939	591	562	126	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189879_A_saliva.metaspades.bin.66	CNA0069876	97.67	0	44.05	92.87	TRUE	576,566	596	564	128	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189889_A_saliva.metaspades.bin.54	CNA0069878	95.35	2.33	43.50	91.35	TRUE	620,610	668	627	145	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189898_A_saliva.metaspades.bin.76	CNA0069879	97.67	0	43.50	91.12	TRUE	681,247	736	694	38	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189905_A_saliva.metaspades.bin.29	CNA0069881	97.67	0	35.95	90.99	TRUE	649,114	689	650	8	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189907_A_saliva.metaspades.bin.26	CNA0069882	93.02	2.33	43.61	92.02	TRUE	650,918	702	668	51	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189907_A_saliva.metaspades.bin.2	CNA0069883	100	0	36.38	90.87	TRUE	640,670	665	625	36	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189913_A_saliva.metaspades.bin.17	CNA0069885	93.02	2.33	43.24	92.21	TRUE	656,251	699	658	71	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189914_A_saliva.metaspades.bin.11	CNA0069886	100	0	43.11	90.97	TRUE	717,889	774	728	11	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189916_A_saliva.metaspades.bin.45	CNA0069888	95.35	2.33	43.46	91.58	TRUE	684,570	733	690	54	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189925_A_saliva.metaspades.bin.14	CNA0069889	97.67	0	43.20	92.08	TRUE	737,131	788	743	60	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189930_A_saliva.metaspades.bin.8	CNA0069890	100	2.33	43.18	91.81	TRUE	738,132	787	742	4	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189932_A_saliva.metaspades.bin.10	CNA0069892	100	0	43.19	91.09	TRUE	699,337	761	716	32	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189957_A_saliva.metaspades.bin.89	CNA0069893	95.35	4.65	42.93	92.44	TRUE	705,633	757	718	78	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189959_A_saliva.metaspades.bin.31	CNA0069895	93.02	0	41.16	88.37	TRUE	626,016	638	597	101	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189960_A_saliva.metaspades.bin.21	CNA0069896	93.02	2.33	41.30	89.60	TRUE	792,602	752	707	15	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189960_A_saliva.metaspades.bin.59	CNA0069897	93.02	0	43.59	91.53	TRUE	614,222	654	628	85	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189965_A_saliva.metaspades.bin.61	CNA0069899	100	0	35.64	90.03	TRUE	679,366	708	667	12	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189966_A_saliva.metaspades.bin.40	CNA0069900	93.02	2.33	40.60	88.33	TRUE	658,303	643	595	48	Chinese cohorts	MAG	human body	oral cavity
RDPYD18189988_A_saliva.metaspades.bin.51	CNA0069902	100	0	43.43	91.42	TRUE	769,525	846	799	15	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300006_A_saliva.metaspades.bin.7	CNA0069936	100	2.33	43.04	91.14	TRUE	755,309	805	756	35	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300014_A_saliva.metaspades.bin.15	CNA0069938	90.7	0	44.01	92.82	TRUE	560,829	600	581	86	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300015_A_saliva.metaspades.bin.29	CNA0069940	93.02	0	41.17	89.23	TRUE	637,656	650	615	95	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300017_A_saliva.metaspades.bin.20	CNA0069941	100	0	43.22	91.89	TRUE	713,444	756	710	6	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300020_A_saliva.metaspades.bin.20	CNA0069943	90.7	2.33	35.97	90.01	TRUE	660,298	708	668	79	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300036_A_saliva.metaspades.bin.53	CNA0069944	93.02	2.33	40.89	87.36	TRUE	654,397	633	593	147	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300036_A_saliva.metaspades.bin.65	CNA0069946	95.35	4.65	43.20	91.62	TRUE	806,590	879	832	68	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300059_A_saliva.metaspades.bin.13	CNA0069947	90.7	0	52.41	85.77	TRUE	856,061	963	924	212	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300066_A_saliva.metaspades.bin.10	CNA0069949	97.67	0	43.56	91.31	TRUE	676,413	724	687	99	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300075_A_saliva.metaspades.bin.22	CNA0069951	95.35	0	43.10	91.79	TRUE	712,892	774	732	4	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300076_A_saliva.metaspades.bin.3	CNA0069952	97.67	0	35.46	90.08	TRUE	633,381	659	621	11	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300081_A_saliva.metaspades.bin.28	CNA0069954	97.67	0	41.50	88.47	TRUE	759,174	736	688	18	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300081_A_saliva.metaspades.bin.39	CNA0069955	95.35	0	43.30	90.54	TRUE	706,123	765	720	127	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300089_A_saliva.metaspades.bin.34	CNA0069957	95.35	0	43.28	92.56	TRUE	687,412	729	693	119	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300091_A_saliva.metaspades.bin.39	CNA0069959	100	2.33	35.91	90.04	TRUE	667,486	702	660	54	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300091_A_saliva.metaspades.bin.68	CNA0069960	97.67	0	40.29	89.90	TRUE	756,623	736	689	14	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300101_A_saliva.metaspades.bin.29	CNA0069962	97.67	0	43.20	91.78	TRUE	690,587	739	700	23	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300101_A_saliva.metaspades.bin.91	CNA0069963	97.67	4.65	40.16	90.22	TRUE	766,364	717	672	7	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300101_A_saliva.metaspades.bin.92	CNA0069965	90.7	0	40.75	90.12	TRUE	652,405	638	607	17	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300127_A_saliva.metaspades.bin.55	CNA0069966	97.67	0	35.46	89.53	TRUE	718,978	753	711	28	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300134_A_saliva.metaspades.bin.113	CNA0069968	93.02	2.33	35.67	90.81	TRUE	582,452	612	579	119	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300150_A_saliva.metaspades.bin.6	CNA0069970	93.02	0	43.61	91.56	TRUE	668,108	721	682	43	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300152_A_saliva.metaspades.bin.25	CNA0069971	100	0	42.97	91.36	TRUE	731,943	798	753	34	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300164_A_saliva.metaspades.bin.23	CNA0069973	100	2.33	43.15	91.10	TRUE	750,115	802	756	13	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300175_A_saliva.metaspades.bin.54	CNA0069974	95.35	2.33	41.23	88.13	TRUE	799,604	769	716	25	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300183_A_saliva.metaspades.bin.81	CNA0069976	97.67	0	42.72	91.54	TRUE	734,007	735	701	69	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300192_A_saliva.metaspades.bin.52	CNA0069978	100	0	51.81	85.74	TRUE	1,065,807	1093	1049	12	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300202_A_saliva.metaspades.bin.45	CNA0069979	90.7	0	36.03	90.91	TRUE	583,128	609	576	167	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300261_A_saliva.metaspades.bin.29	CNA0069982	90.7	4.65	43.26	92.19	TRUE	548,416	592	563	146	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300271_A_saliva.metaspades.bin.13	CNA0069984	95.35	2.33	43.19	91.69	TRUE	608,070	678	638	163	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300275_A_saliva.metaspades.bin.16	CNA0069985	100	0	43.42	91.69	TRUE	741,978	785	739	68	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300291_A_saliva.metaspades.bin.51	CNA0069987	93.02	0	43.58	91.28	TRUE	588,790	636	605	33	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300300_A_saliva.metaspades.bin.61	CNA0069988	93.02	0	43.48	91.95	TRUE	710,288	754	718	81	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300305_A_saliva.metaspades.bin.9	CNA0069990	95.35	2.33	43.13	91.03	TRUE	712,321	783	738	115	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300312_A_saliva.metaspades.bin.31	CNA0069991	100	0	43.27	91.05	TRUE	715,502	757	715	38	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300323_A_saliva.metaspades.bin.46	CNA0069993	93.02	0	32.75	90.52	TRUE	599,538	630	597	10	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300323_A_saliva.metaspades.bin.59	CNA0069995	100	0	35.73	90.16	TRUE	665,876	701	661	6	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300324_A_saliva.metaspades.bin.14	CNA0069996	97.67	0	43.50	91.83	TRUE	697,975	741	700	68	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300328_A_saliva.metaspades.bin.32	CNA0069997	100	2.33	43.25	91.38	TRUE	805,508	879	831	94	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300362_A_saliva.metaspades.bin.83	CNA0069999	100	0	43.05	91.43	TRUE	750,235	806	759	18	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300371_A_saliva.metaspades.bin.29	CNA0070001	100	0	43.27	91.33	TRUE	702,237	739	693	102	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300377_A_saliva.metaspades.bin.20	CNA0070002	93.02	2.33	40.81	88.95	TRUE	762,464	745	699	40	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300381_A_saliva.metaspades.bin.93	CNA0070004	100	0	36.39	90.15	TRUE	682,394	699	658	14	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300388_A_saliva.metaspades.bin.27	CNA0070006	93.02	0	43.70	91.72	TRUE	582,287	642	610	24	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300390_A_saliva.metaspades.bin.50	CNA0070007	97.67	0	42.95	91.38	TRUE	701,538	769	727	16	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300395_A_saliva.metaspades.bin.59	CNA0070009	95.35	4.65	43.79	92.82	TRUE	642,614	679	650	75	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300405_A_saliva.metaspades.bin.82	CNA0070011	95.35	0	51.93	85.57	TRUE	942,192	1033	993	145	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300407_A_saliva.metaspades.bin.4	CNA0070013	95.35	2.33	43.07	92.22	TRUE	677,933	730	693	132	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300408_A_saliva.metaspades.bin.21	CNA0070014	100	0	43.18	91.22	TRUE	727,691	788	743	78	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078011_A_saliva.metaspades.bin.17	CNA0070245	97.67	0	40.13	89.75	TRUE	807,699	771	724	52	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078015_A_saliva.metaspades.bin.19	CNA0070246	95.35	4.65	43.56	91.46	TRUE	732,483	755	718	156	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078020_A_saliva.metaspades.bin.9	CNA0070248	100	2.33	43.10	91.31	TRUE	634,389	683	641	9	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078042_A_saliva.metaspades.bin.39	CNA0070250	100	0	52.04	85.51	TRUE	1,089,880	1098	1054	36	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078075_A_saliva.metaspades.bin.101	CNA0070251	100	0	35.39	90.12	TRUE	656,720	679	639	37	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078076_A_saliva.metaspades.bin.41	CNA0070253	97.67	0	43.40	92.45	TRUE	726,864	772	729	66	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078087_A_saliva.metaspades.bin.33	CNA0070255	100	0	43.45	91.53	TRUE	707,911	770	727	48	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078088_A_saliva.metaspades.bin.16	CNA0070256	100	0	36.23	90.57	TRUE	659,162	678	641	14	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078100_A_saliva.metaspades.bin.89	CNA0070258	97.67	0	41.16	89.64	TRUE	815,243	793	747	8	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078102_A_saliva.metaspades.bin.17	CNA0070260	100	0	43.20	91.49	TRUE	721,699	782	739	18	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078104_A_saliva.metaspades.bin.107	CNA0070261	95.35	4.65	43.65	91.46	TRUE	694,455	765	722	105	Chinese cohorts	MAG	human body	oral cavity

RSZYD18078111_A_saliva.metaspades.bin.26	CNA0070263	95.35	0	51.06	90.53	TRUE	667,529	634	597	74	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078115_A_saliva.metaspades.bin.19	CNA0070265	100	0	40.74	89.03	TRUE	819,698	804	759	19	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078115_A_saliva.metaspades.bin.40	CNA0070267	90.7	0	41.24	89.78	TRUE	797,550	786	750	52	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078125_A_saliva.metaspades.bin.19	CNA0070269	100	4.65	43.46	91.40	TRUE	787,729	858	813	41	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078134_A_saliva.metaspades.bin.52	CNA0070271	100	0	43.54	90.82	TRUE	717,333	784	741	38	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078140_A_saliva.metaspades.bin.44	CNA0070272	93.02	2.33	40.02	89.94	TRUE	913,313	862	813	87	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078147_A_saliva.metaspades.bin.23	CNA0070274	100	0	43.30	90.85	TRUE	733,205	793	745	19	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078148_A_saliva.metaspades.bin.14	CNA0070276	100	0	40.20	89.63	TRUE	795,129	777	731	30	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078148_A_saliva.metaspades.bin.88	CNA0070278	95.35	2.33	42.90	92.31	TRUE	650,199	690	653	129	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078152_A_saliva.metaspades.bin.41	CNA0070280	97.67	0	43.60	91.32	TRUE	656,196	712	676	57	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078153_A_saliva.metaspades.bin.25	CNA0070282	90.7	0	43.56	92.02	TRUE	613,863	673	633	54	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078161_A_saliva.metaspades.bin.1	CNA0070283	90.7	4.65	43.48	91.65	TRUE	666,863	713	679	161	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078167_A_saliva.metaspades.bin.4	CNA0070285	90.7	0	43.64	92.15	TRUE	598,952	636	607	154	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078172_A_saliva.metaspades.bin.34	CNA0070287	100	0	43.18	91.15	TRUE	731,141	783	735	2	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078181_A_saliva.metaspades.bin.10	CNA0070289	100	2.33	43.22	91.44	TRUE	698,495	748	700	39	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078181_A_saliva.metaspades.bin.24	CNA0070291	100	0	41.01	89.34	TRUE	800,904	764	718	7	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078181_A_saliva.metaspades.bin.55	CNA0070293	100	2.33	36.25	89.65	TRUE	684,645	717	675	82	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078188_A_saliva.metaspades.bin.16	CNA0070295	90.7	0	43.28	92.25	TRUE	564,703	594	565	154	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078202_A_saliva.metaspades.bin.4	CNA0070297	97.67	0	43.32	91.56	TRUE	725,094	777	732	64	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078212_A_saliva.metaspades.bin.24	CNA0070299	95.35	2.33	43.29	90.76	TRUE	704,756	770	723	104	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078214_A_saliva.metaspades.bin.42	CNA0070301	100	0	43.16	91.15	TRUE	746,975	801	754	10	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078217_A_saliva.metaspades.bin.41	CNA0070303	100	0	43.23	91.85	TRUE	730,886	789	748	21	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078217_A_saliva.metaspades.bin.95	CNA0070304	100	0	40.67	89.13	TRUE	812,372	808	761	4	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078225_A_saliva.metaspades.bin.17	CNA0070306	95.35	0	35.42	89.69	TRUE	615,499	628	588	48	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078228_A_saliva.metaspades.bin.31	CNA0070308	100	0	43.27	91.43	TRUE	720,778	775	729	8	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078234_A_saliva.metaspades.bin.10	CNA0070310	100	0	32.77	89.94	TRUE	645,415	661	620	11	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078241_A_saliva.metaspades.bin.8	CNA0070312	100	0	43.47	90.99	TRUE	704,060	781	737	10	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078245_A_saliva.metaspades.bin.14	CNA0070314	90.7	0	43.54	91.34	TRUE	659,520	681	647	121	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078253_A_saliva.metaspades.bin.36	CNA0070317	90.7	0	43.69	92.16	TRUE	578,663	608	577	15	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078259_A_saliva.metaspades.bin.16	CNA0070320	93.02	0	43.67	92.58	TRUE	660,852	688	652	122	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078259_A_saliva.metaspades.bin.22	CNA0070322	90.7	0	41.09	88.46	TRUE	612,003	629	595	141	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078262_A_saliva.metaspades.bin.27	CNA0070325	100	0	42.70	92.23	TRUE	670,022	713	674	10	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078262_A_saliva.metaspades.bin.69	CNA0070328	100	0	35.40	89.88	TRUE	643,486	664	623	12	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078301_A_saliva.metaspades.bin.16	CNA0070331	100	2.33	43.39	91.39	TRUE	742,192	795	749	31	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078307_A_saliva.metaspades.bin.33	CNA0070334	100	0	43.45	90.93	TRUE	703,133	755	711	24	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078311_A_saliva.metaspades.bin.7	CNA0070337	95.35	0	43.70	92.65	TRUE	605,943	648	619	44	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078315_A_saliva.metaspades.bin.18	CNA0070340	93.02	2.33	43.30	92.22	TRUE	705,889	761	727	84	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078322_A_saliva.metaspades.bin.73	CNA0070343	97.67	2.33	41.38	89.81	TRUE	791,378	761	718	7	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078325_A_saliva.metaspades.bin.95	CNA0070345	97.67	0	41.20	89.19	TRUE	804,052	769	721	18	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078343_A_saliva.metaspades.bin.21	CNA0070348	100	2.33	43.14	91.79	TRUE	788,590	829	781	57	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078343_A_saliva.metaspades.bin.34	CNA0070351	93.02	0	41.11	89.64	TRUE	686,427	663	627	129	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078346_A_saliva.metaspades.bin.17	CNA0070354	90.7	2.33	43.20	92.39	TRUE	709,129	797	762	209	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078354_A_saliva.metaspades.bin.16	CNA0070357	100	0	43.40	91.46	TRUE	765,669	844	797	2	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078355_A_saliva.metaspades.bin.74	CNA0070359	100	2.33	43.53	90.68	TRUE	626,378	690	650	20	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078359_A_saliva.metaspades.bin.14	CNA0070362	95.35	2.33	43.40	91.32	TRUE	700,089	760	713	35	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078361_A_saliva.metaspades.bin.38	CNA0070365	100	0	43.16	91.90	TRUE	694,390	744	697	9	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078398_A_saliva.metaspades.bin.15	CNA0070368	90.7	0	41.18	88.96	TRUE	670,917	682	644	116	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078399_A_saliva.metaspades.bin.40	CNA0070370	95.35	2.33	43.16	92.13	TRUE	731,331	773	732	98	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078400_A_saliva.metaspades.bin.68	CNA0070373	93.02	0	43.09	92.23	TRUE	735,101	770	726	60	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078438_A_saliva.metaspades.bin.6	CNA0070376	100	0	43.32	91.80	TRUE	679,561	715	672	96	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078444_A_saliva.metaspades.bin.56	CNA0070378	100	0	43.06	91.15	TRUE	751,043	825	783	5	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078446_A_saliva.metaspades.bin.25	CNA0070382	97.67	4.65	35.63	90.09	TRUE	632,002	659	620	60	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078454_A_saliva.metaspades.bin.52	CNA0070384	100	2.33	43.31	91.42	TRUE	733,489	786	739	27	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078461_A_saliva.metaspades.bin.53	CNA0070387	90.7	4.65	43.50	92.08	TRUE	631,055	668	640	29	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078463_A_saliva.metaspades.bin.4	CNA0070390	100	0	35.79	90.21	TRUE	695,790	727	686	4	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078466_A_saliva.metaspades.bin.3	CNA0070392	100	0	43.15	91.12	TRUE	763,611	832	786	5	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078467_A_saliva.metaspades.bin.16	CNA0070395	100	0	36.24	89.95	TRUE	696,013	715	675	44	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078473_A_saliva.metaspades.bin.18	CNA0070398	93.02	0	43.15	91.07	TRUE	631,416	670	624	114	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078481_A_saliva.metaspades.bin.7	CNA0070401	95.35	0	35.76	90.72	TRUE	647,624	669	628	10	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078482_A_saliva.metaspades.bin.17	CNA0070404	90.7	0	35.52	90.40	TRUE	612,062	683	646	95	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078483_A_saliva.metaspades.bin.4	CNA0070406	100	0	43.34	91.39	TRUE	676,450	732	691	10	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078489_A_saliva.metaspades.bin.18	CNA0070424	100	0	43.17	91.27	TRUE	734,866	806	758	5	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078490_A_saliva.metaspades.bin.38	CNA0070427	100	2.33	43.47	91.26	TRUE	684,940	750	705	14	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078531_A_saliva.metaspades.bin.36	CNA0070430	100	0	43.19	92.05	TRUE	770,972	841	796	7	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078542_A_saliva.metaspades.bin.52	CNA0070433	93.02	2.33	41.11	89.05	TRUE	566,319	555	524	150	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078542_A_saliva.metaspades.bin.5	CNA0070436	95.35	2.33	43.63	92.13	TRUE	636,474	685	653	27	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078550_A_saliva.metaspades.bin.59	CNA0070439	95.35	2.33	43.45	91.62	TRUE	708,734	771	728	44	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078555_A_saliva.metaspades.bin.67	CNA0070442	97.67	2.33	35.94	90.38	TRUE	664,442	704	668	12	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078562_A_saliva.metaspades.bin.64	CNA0070444	90.7	0	40.36	89.83	TRUE	756,044	726	680	66	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078570_A_saliva.metaspades.bin.17	CNA0070447	90.7	2.33	50.98	91.07	TRUE	650,787	624	596	171	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078571_A_saliva.metaspades.bin.52	CNA0070450	95.35	2.33	43.01	92.41	TRUE	576,544	628	595	109	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078579_A_saliva.metaspades.bin.26	CNA0070453	97.67	0	35.65	90.46	TRUE	645,673	679	642	12	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078582_A_saliva.metaspades.bin.27	CNA0070456	95.35	4.65	43.98	91.87	TRUE	644,557	667	637	114	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078582_A_saliva.metaspades.bin.58	CNA0070459	93.02	2.33	40.63	90.27	TRUE	629,261	596	558	18	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078590_A_saliva.metaspades.bin.50	CNA0070461	100	0	36.55	90.44	TRUE	714,281	755	714	20	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078593_A_saliva.metaspades.bin.35	CNA0070464	95.35	0	43.46	92.37	TRUE	640,626	705	668	116	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078595_A_saliva.metaspades.bin.65	CNA0070467	90.7	2.33	43.65	91.85	TRUE	654,790	730	694	41	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078604_A_saliva.metaspades.bin.57	CNA0070470	90.7	0	43.93	91.92	TRUE	621,529	683	650	18	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078609_A_saliva.metaspades.bin.12	CNA0070472	100	0	43.45	91.90	TRUE	763,690	839	793	8	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078615_A_saliva.metaspades.bin.32	CNA0070475	100	2.33	40.76	89.39	TRUE	805,033	813	767	124	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078615_A_saliva.metaspades.bin.45	CNA0070478	100	0	43.18	91.51	TRUE	773,452	848	802	18	Chinese cohorts	MAG	human body	oral cavity

RSZYD18078620_A_saliva.metaspades.bin.29	CNA0070480	93.02	0	43.79	91.82	TRUE	617,972	678	645	83	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078622_A_saliva.metaspades.bin.17	CNA0070484	100	0	35.63	90.06	TRUE	650,014	679	638	4	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078623_A_saliva.metaspades.bin.44	CNA0070487	100	0	36.06	89.11	TRUE	666,304	697	655	5	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078630_A_saliva.metaspades.bin.13	CNA0070490	93.02	0	43.80	92.03	TRUE	565,961	615	587	128	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078639_A_saliva.metaspades.bin.14	CNA0070492	100	0	43.14	91.59	TRUE	699,225	754	709	25	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078648_A_saliva.metaspades.bin.16	CNA0070495	100	0	43.17	90.91	TRUE	735,976	792	746	33	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078660_A_saliva.metaspades.bin.67	CNA0070497	100	2.33	43.51	90.87	TRUE	659,436	717	672	17	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078673_A_saliva.metaspades.bin.3	CNA0070500	100	0	43.28	91.62	TRUE	697,131	748	708	7	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078674_A_saliva.metaspades.bin.36	CNA0070504	100	0	35.80	90.05	TRUE	723,932	771	730	13	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078691_A_saliva.metaspades.bin.32	CNA0070507	93.02	2.33	43.44	92.05	TRUE	687,163	734	697	65	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078695_A_saliva.metaspades.bin.25	CNA0070509	100	0	40.24	90.22	TRUE	778,967	743	695	5	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078695_A_saliva.metaspades.bin.45	CNA0070512	100	0	43.11	91.34	TRUE	705,310	752	709	8	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078697_A_saliva.metaspades.bin.17	CNA0070515	93.02	0	43.59	91.97	TRUE	634,460	691	656	113	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078703_A_saliva.metaspades.bin.8	CNA0070517	100	0	43.14	91.99	TRUE	719,873	762	719	20	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078705_A_saliva.metaspades.bin.21	CNA0070520	97.67	0	35.42	89.93	TRUE	619,023	643	602	13	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078713_A_saliva.metaspades.bin.36	CNA0070523	90.7	0	35.70	89.73	TRUE	656,138	684	643	26	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078725_A_saliva.metaspades.bin.23	CNA0070526	97.67	0	42.97	92.09	TRUE	721,883	788	746	53	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078736_A_saliva.metaspades.bin.17	CNA0070529	97.67	4.65	40.44	88.60	TRUE	729,354	704	656	71	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078738_A_saliva.metaspades.bin.63	CNA0070531	95.35	0	43.65	92.38	TRUE	691,229	745	709	54	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078741_A_saliva.metaspades.bin.48	CNA0070534	95.35	2.33	43.38	92.53	TRUE	681,505	733	695	19	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078746_A_saliva.metaspades.bin.2	CNA0070537	90.7	0	43.53	92.21	TRUE	578,698	632	601	147	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078747_A_saliva.metaspades.bin.1	CNA0070540	90.7	0	43.79	91.33	TRUE	596,254	628	600	110	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078748_A_saliva.metaspades.bin.42	CNA0070543	97.67	2.33	32.66	90.97	TRUE	589,346	598	563	20	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078749_A_saliva.metaspades.bin.35	CNA0070546	100	0	35.82	89.79	TRUE	669,553	697	658	29	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078749_A_saliva.metaspades.bin.36	CNA0070550	97.67	2.33	43.43	91.31	TRUE	675,915	723	681	87	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078756_A_saliva.metaspades.bin.24	CNA0070552	100	2.33	40.10	89.78	TRUE	830,534	791	746	40	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078760_A_saliva.metaspades.bin.11	CNA0070555	100	0	35.79	90.24	TRUE	687,024	721	680	3	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078768_A_saliva.metaspades.bin.28	CNA0070558	90.7	0	44.01	92.52	TRUE	543,498	578	555	112	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078769_A_saliva.metaspades.bin.23	CNA0070561	95.35	2.33	43.69	92.00	TRUE	704,461	761	729	56	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078769_A_saliva.metaspades.bin.60	CNA0070564	97.67	2.33	39.75	89.51	TRUE	816,877	781	734	6	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078773_A_saliva.metaspades.bin.71	CNA0070567	93.02	2.33	43.27	92.02	TRUE	714,022	781	747	117	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078781_A_saliva.metaspades.bin.11	CNA0070570	97.67	0	43.25	91.50	TRUE	652,719	711	669	78	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078790_A_saliva.metaspades.bin.58	CNA0070573	100	0	43.28	92.08	TRUE	752,391	792	746	14	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078796_A_saliva.metaspades.bin.47	CNA0070576	93.02	0	43.64	91.92	TRUE	630,631	691	657	50	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078798_A_saliva.metaspades.bin.24	CNA0070578	100	0	41.01	88.70	TRUE	786,628	777	731	17	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078807_A_saliva.metaspades.bin.46	CNA0070581	90.7	0	43.57	92.14	TRUE	553,881	593	560	126	Chinese cohorts	MAG	human body	oral cavity
RSZYD18078809_A_saliva.metaspades.bin.65	CNA0070584	100	0	42.99	91.07	TRUE	731,225	791	743	2	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187002_A_saliva.metaspades.bin.29	CNA0070587	93.02	2.33	40.21	90.08	TRUE	953,634	927	872	177	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187002_A_saliva.metaspades.bin.39	CNA0070590	100	0	41.21	89.47	TRUE	714,022	692	652	14	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187002_A_saliva.metaspades.bin.59	CNA0070592	100	0	43.17	91.11	TRUE	734,101	792	745	9	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187004_A_saliva.metaspades.bin.5	CNA0070595	100	0	43.22	91.28	TRUE	736,607	794	748	23	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187015_A_saliva.metaspades.bin.20	CNA0070598	95.35	0	43.78	93.05	TRUE	611,122	648	621	143	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187023_A_saliva.metaspades.bin.32	CNA0070601	100	4.65	36.12	91.31	TRUE	664,629	693	661	58	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187034_A_saliva.metaspades.bin.52	CNA0070604	93.02	0	43.23	91.80	TRUE	752,517	813	769	14	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187045_A_saliva.metaspades.bin.39	CNA0070608	100	0	35.38	90.68	TRUE	622,773	642	604	9	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187057_A_saliva.metaspades.bin.25	CNA0070611	100	2.33	43.17	91.19	TRUE	773,770	849	803	24	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187059_A_saliva.metaspades.bin.27	CNA0070614	90.7	0	43.29	91.14	TRUE	646,131	643	601	69	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187064_A_saliva.metaspades.bin.52	CNA0070616	93.02	0	43.52	91.66	TRUE	682,127	724	687	73	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187065_A_saliva.metaspades.bin.38	CNA0070619	97.67	0	43.74	91.56	TRUE	659,746	703	669	26	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187069_A_saliva.metaspades.bin.26	CNA0070622	100	2.33	43.30	91.43	TRUE	713,176	771	726	46	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187110_A_saliva.metaspades.bin.14	CNA0070625	97.67	0	43.38	92.01	TRUE	742,211	791	743	67	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187112_A_saliva.metaspades.bin.35	CNA0070628	100	0	35.55	89.33	TRUE	665,697	689	648	31	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187115_A_saliva.metaspades.bin.47	CNA0070631	97.67	0	40.67	90.38	TRUE	716,945	709	664	41	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187116_A_saliva.metaspades.bin.9	CNA0070635	97.67	0	36.43	90.42	TRUE	593,645	614	579	154	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187118_A_saliva.metaspades.bin.24	CNA0070638	95.35	0	43.29	91.66	TRUE	738,863	795	749	35	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187119_A_saliva.metaspades.bin.9	CNA0070642	95.35	0	35.91	91.18	TRUE	656,329	687	650	34	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187120_A_saliva.metaspades.bin.19	CNA0070645	100	0	40.18	90.04	TRUE	824,018	808	760	15	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187123_A_saliva.metaspades.bin.13	CNA0070648	100	2.33	43.17	91.42	TRUE	746,522	812	766	3	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187124_A_saliva.metaspades.bin.16	CNA0070651	100	2.33	35.66	89.51	TRUE	649,700	671	629	15	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187142_A_saliva.metaspades.bin.22	CNA0070654	97.67	0	43.10	91.88	TRUE	657,515	723	680	21	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187144_A_saliva.metaspades.bin.68	CNA0070658	100	0	40.28	90.26	TRUE	761,396	736	690	36	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187166_A_saliva.metaspades.bin.15	CNA0070660	100	2.33	43.23	91.09	TRUE	716,877	775	728	20	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187169_A_saliva.metaspades.bin.33	CNA0070663	95.35	2.33	44.01	91.76	TRUE	558,468	597	564	160	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187171_A_saliva.metaspades.bin.47	CNA0070666	100	4.65	43.23	90.97	TRUE	790,984	849	798	46	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187174_A_saliva.metaspades.bin.29	CNA0070668	90.7	0	42.12	89.45	TRUE	476,004	466	446	129	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187184_A_saliva.metaspades.bin.10	CNA0070671	100	2.33	43.10	91.37	TRUE	748,977	827	781	12	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187184_A_saliva.metaspades.bin.14	CNA0070674	100	2.33	41.01	88.73	TRUE	723,795	709	664	40	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187200_A_saliva.metaspades.bin.37	CNA0070677	100	0	43.26	91.48	TRUE	751,911	826	782	26	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187203_A_saliva.metaspades.bin.7	CNA0070680	93.02	2.33	43.85	92.16	TRUE	599,492	645	615	71	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187210_A_saliva.metaspades.bin.21	CNA0070684	95.35	2.33	43.71	93.00	TRUE	678,056	712	672	147	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187216_A_saliva.metaspades.bin.102	CNA0070687	95.35	2.33	43.59	91.98	TRUE	624,347	687	650	30	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187216_A_saliva.metaspades.bin.13	CNA0070690	97.67	0	32.44	90.90	TRUE	607,799	626	589	9	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187234_A_saliva.metaspades.bin.73	CNA0070693	100	0	43.01	91.57	TRUE	736,591	796	749	7	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187234_A_saliva.metaspades.bin.82	CNA0070697	100	0	40.11	89.55	TRUE	804,670	780	733	37	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187237_A_saliva.metaspades.bin.71	CNA0070700	100	0	43.11	92.14	TRUE	738,956	809	763	7	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187244_A_saliva.metaspades.bin.38	CNA0070703	100	4.65	43.11	92.49	TRUE	778,670	837	794	55	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187261_A_saliva.metaspades.bin.68	CNA0070707	95.35	4.65	42.03	90.49	TRUE	651,844	621	587	133	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187273_A_saliva.metaspades.bin.58	CNA0070710	100	2.33	43.25	91.14	TRUE	724,657	783	734	15	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187273_A_saliva.metaspades.bin.99	CNA0070713	100	0	40.29	89.81	TRUE	784,862	755	706	8	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187275_A_saliva.metaspades.bin.59	CNA0070716	93.02	4.65	51.59	90.56	TRUE	665,340	607	581	171	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187280_A_saliva.metaspades.bin.37	CNA0070719	93.02	2.33	43.87	91.90	TRUE	736,943	807	775	55	Chinese cohorts	MAG	human body	oral cavity

RSZYD18187281_A_saliva.metaspades.bin.17	CNA0070723	95.35	0	43.64	92.33	TRUE	611,054	674	644	36	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187299_A_saliva.metaspades.bin.6	CNA0070726	95.35	0	43.74	92.37	TRUE	629,861	691	655	54	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187301_A_saliva.metaspades.bin.29	CNA0070730	95.35	4.65	43.94	92.57	TRUE	600,990	625	597	189	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187306_A_saliva.metaspades.bin.13	CNA0070733	100	0	43.80	90.79	TRUE	696,365	746	699	68	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187311_A_saliva.metaspades.bin.30	CNA0070737	100	0	35.85	90.18	TRUE	666,113	696	655	17	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187312_A_saliva.metaspades.bin.49	CNA0070740	93.02	0	43.58	92.78	TRUE	601,691	651	621	29	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187316_A_saliva.metaspades.bin.18	CNA0070743	100	0	35.79	90.22	TRUE	702,011	748	710	9	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187324_A_saliva.metaspades.bin.25	CNA0070746	93.02	4.65	43.78	92.64	TRUE	573,191	605	579	24	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187327_A_saliva.metaspades.bin.15	CNA0070750	95.35	2.33	41.66	89.38	TRUE	609,603	591	558	197	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187330_A_saliva.metaspades.bin.30	CNA0070753	95.35	0	41.13	89.57	TRUE	749,839	745	703	101	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187330_A_saliva.metaspades.bin.47	CNA0070756	97.67	0	50.64	89.31	TRUE	740,094	692	650	75	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187336_A_saliva.metaspades.bin.56	CNA0070760	93.02	0	41.27	89.57	TRUE	694,901	682	643	120	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187340_A_saliva.metaspades.bin.39	CNA0070762	97.67	2.33	43.72	92.88	TRUE	545,817	594	567	119	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187344_A_saliva.metaspades.bin.34	CNA0070765	100	0	43.11	91.09	TRUE	721,464	788	742	5	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187344_A_saliva.metaspades.bin.53	CNA0070768	100	0	35.55	90.27	TRUE	634,496	659	623	42	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187344_A_saliva.metaspades.bin.71	CNA0070771	95.35	0	41.08	89.86	TRUE	646,308	638	607	36	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187345_A_saliva.metaspades.bin.42	CNA0070774	100	0	43.35	91.46	TRUE	709,544	765	721	74	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187349_A_saliva.metaspades.bin.40	CNA0070777	90.7	0	35.68	90.66	TRUE	582,620	612	580	154	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187350_A_saliva.metaspades.bin.64	CNA0070781	100	2.33	41.07	89.18	TRUE	767,957	739	693	30	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187358_A_saliva.metaspades.bin.22	CNA0070784	95.35	0	43.20	92.38	TRUE	705,549	756	717	15	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187361_A_saliva.metaspades.bin.8	CNA0070787	90.7	0	43.77	92.09	TRUE	633,572	685	655	54	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187379_A_saliva.metaspades.bin.62	CNA0070790	93.02	0	43.12	90.30	TRUE	652,425	706	656	22	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187382_A_saliva.metaspades.bin.10	CNA0070792	100	0	36.55	90.83	TRUE	646,250	658	620	82	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187389_A_saliva.metaspades.bin.6	CNA0070794	100	2.33	43.64	91.30	TRUE	675,195	716	676	14	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187400_A_saliva.metaspades.bin.14	CNA0070797	97.67	2.33	38.26	91.46	TRUE	764,074	794	752	70	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187400_A_saliva.metaspades.bin.89	CNA0070800	97.67	4.65	48.04	91.65	TRUE	775,328	817	782	30	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187409_A_saliva.metaspades.bin.8	CNA0070804	93.02	2.33	43.98	93.42	TRUE	497,595	518	497	154	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187425_A_saliva.metaspades.bin.18	CNA0070806	97.67	0	43.41	91.64	TRUE	737,989	809	764	50	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187427_A_saliva.metaspades.bin.75	CNA0070809	93.02	0	43.67	92.85	TRUE	654,252	709	678	20	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187438_A_saliva.metaspades.bin.51	CNA0070812	93.02	2.33	35.91	90.60	TRUE	562,667	608	578	182	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187442_A_saliva.metaspades.bin.35	CNA0070814	100	2.33	43.15	92.01	TRUE	694,835	753	717	80	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187447_A_saliva.metaspades.bin.38	CNA0070818	100	0	35.44	90.42	TRUE	654,413	696	657	13	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187457_A_saliva.metaspades.bin.42	CNA0070821	93.02	0	43.26	91.21	TRUE	697,639	769	724	62	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187458_A_saliva.metaspades.bin.36	CNA0070824	100	0	32.70	89.93	TRUE	643,133	663	622	12	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187460_A_saliva.metaspades.bin.2	CNA0070827	95.35	2.33	43.89	91.01	TRUE	619,869	668	631	38	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187466_A_saliva.metaspades.bin.39	CNA0070829	93.02	0	43.74	91.97	TRUE	593,260	631	593	114	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187484_A_saliva.metaspades.bin.51	CNA0070832	97.67	2.33	42.98	91.96	TRUE	671,157	719	680	33	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187492_A_saliva.metaspades.bin.15	CNA0070835	100	4.65	41.26	89.11	TRUE	651,211	643	605	142	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187500_A_saliva.metaspades.bin.18	CNA0070839	93.02	4.65	43.90	92.41	TRUE	664,964	726	695	19	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187503_A_saliva.metaspades.bin.19	CNA0070842	100	4.65	41.14	90.26	TRUE	741,535	694	659	119	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187503_A_saliva.metaspades.bin.53	CNA0070845	97.67	0	41.30	89.13	TRUE	780,628	747	701	11	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187508_A_saliva.metaspades.bin.8	CNA0070847	97.67	2.33	43.59	91.20	TRUE	695,772	739	698	34	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187511_A_saliva.metaspades.bin.2	CNA0070850	93.02	0	43.68	91.49	TRUE	636,210	700	661	29	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187514_A_saliva.metaspades.bin.23	CNA0070853	100	0	43.15	91.24	TRUE	762,415	833	785	24	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187520_A_saliva.metaspades.bin.22	CNA0070856	97.67	0	43.45	91.22	TRUE	676,018	739	694	28	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187537_A_saliva.metaspades.bin.34	CNA0070859	100	0	36.43	90.80	TRUE	649,457	677	640	44	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187537_A_saliva.metaspades.bin.50	CNA0070863	97.67	0	41.15	89.20	TRUE	810,263	794	749	7	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187540_A_saliva.metaspades.bin.35	CNA0070865	97.67	4.65	43.31	91.47	TRUE	745,226	792	749	87	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187542_A_saliva.metaspades.bin.26	CNA0070868	95.35	2.33	43.25	91.27	TRUE	525,499	564	527	152	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187554_A_saliva.metaspades.bin.21	CNA0070871	100	2.33	43.17	91.59	TRUE	733,055	779	733	4	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187556_A_saliva.metaspades.bin.16	CNA0070874	100	0	43.21	91.22	TRUE	750,978	846	800	68	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187586_A_saliva.metaspades.bin.38	CNA0070877	97.67	2.33	43.40	91.18	TRUE	697,037	756	711	53	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187591_A_saliva.metaspades.bin.33	CNA0070881	100	2.33	43.13	91.36	TRUE	721,538	783	738	21	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187595_A_saliva.metaspades.bin.7	CNA0070883	95.35	0	43.17	92.12	TRUE	699,157	761	720	30	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187596_A_saliva.metaspades.bin.23	CNA0070886	95.35	2.33	43.68	91.09	TRUE	641,603	692	650	59	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187612_A_saliva.metaspades.bin.12	CNA0070890	100	0	43.27	91.12	TRUE	730,703	784	738	5	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187613_A_saliva.metaspades.bin.34	CNA0070893	95.35	0	43.82	92.33	TRUE	477,114	513	484	138	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187614_A_saliva.metaspades.bin.13	CNA0070896	95.35	2.33	36.37	91.42	TRUE	623,427	647	615	136	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187626_A_saliva.metaspades.bin.21	CNA0070899	97.67	2.33	43.28	91.80	TRUE	699,574	747	699	31	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187631_A_saliva.metaspades.bin.12	CNA0070902	95.35	2.33	43.39	91.99	TRUE	687,748	737	700	118	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187640_A_saliva.metaspades.bin.22	CNA0070905	95.35	4.65	43.25	91.44	TRUE	754,177	803	763	97	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187650_A_saliva.metaspades.bin.9	CNA0070908	95.35	2.33	43.18	91.47	TRUE	731,616	793	749	76	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187652_A_saliva.metaspades.bin.2	CNA0070911	90.7	2.33	41.31	89.01	TRUE	666,339	655	616	160	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187656_A_saliva.metaspades.bin.41	CNA0070914	100	0	43.34	91.83	TRUE	696,156	765	721	44	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187663_A_saliva.metaspades.bin.60	CNA0070918	93.02	0	35.48	90.77	TRUE	623,982	647	613	49	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187666_A_saliva.metaspades.bin.39	CNA0070921	90.7	2.33	50.73	89.52	TRUE	745,149	720	675	81	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187669_A_saliva.metaspades.bin.34	CNA0070924	100	0	43.59	90.99	TRUE	659,037	707	665	19	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187676_A_saliva.metaspades.bin.32	CNA0070927	100	0	43.14	91.94	TRUE	752,021	825	780	4	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187690_A_saliva.metaspades.bin.20	CNA0070930	97.67	0	43.08	91.66	TRUE	677,939	740	698	48	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187690_A_saliva.metaspades.bin.43	CNA0070934	100	2.33	40.92	88.72	TRUE	753,748	741	695	40	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187694_A_saliva.metaspades.bin.6	CNA0070937	97.67	4.65	43.15	91.61	TRUE	725,313	785	742	74	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187707_A_saliva.metaspades.bin.26	CNA0070941	97.67	2.33	43.24	91.67	TRUE	717,822	778	733	31	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187707_A_saliva.metaspades.bin.80	CNA0070944	100	0	40.37	90.00	TRUE	783,869	740	696	110	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187711_A_saliva.metaspades.bin.3	CNA0070948	93.02	2.33	35.93	90.51	TRUE	583,010	598	568	112	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187715_A_saliva.metaspades.bin.33	CNA0070952	100	0	43.10	91.11	TRUE	743,545	795	749	17	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187722_A_saliva.metaspades.bin.7	CNA0070955	97.67	4.65	43.36	91.96	TRUE	750,415	808	765	38	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187758_A_saliva.metaspades.bin.70	CNA0070968	100	2.33	35.34	89.18	TRUE	648,833	668	626	5	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187760_A_saliva.metaspades.bin.26	CNA0070971	100	2.33	43.30	91.86	TRUE	721,336	775	729	10	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187762_A_saliva.metaspades.bin.45	CNA0070974	100	0	43.25	91.54	TRUE	733,259	788	741	4	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187773_A_saliva.metaspades.bin.68	CNA0070978	90.7	2.33	43.87	92.30	TRUE	591,666	616	586	83	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187790_A_saliva.metaspades.bin.2	CNA0070981	97.67	0	41.21	89.40	TRUE	821,414	814	767	13	Chinese cohorts	MAG	human body	oral cavity

RSZYD18187790_A_saliva.metaspades.bin.35	CNA0070984	100	0	42.98	90.78	TRUE	745,787	813	767	37	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187792_A_saliva.metaspades.bin.31	CNA0070987	95.35	0	43.66	91.38	TRUE	632,805	679	642	50	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187801_A_saliva.metaspades.bin.74	CNA0070990	97.67	0	36.40	90.67	TRUE	629,743	659	618	51	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187801_A_saliva.metaspades.bin.75	CNA0070993	97.67	4.65	47.85	91.24	TRUE	802,908	861	817	66	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187823_A_saliva.metaspades.bin.19	CNA0070997	93.02	0	43.75	91.63	TRUE	570,776	617	582	101	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187841_A_saliva.metaspades.bin.58	CNA0071000	100	2.33	43.03	90.92	TRUE	740,881	811	763	22	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187848_A_saliva.metaspades.bin.3	CNA0071003	90.7	0	43.42	92.03	TRUE	576,715	645	618	181	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187852_A_saliva.metaspades.bin.38	CNA0071006	97.67	2.33	42.88	91.58	TRUE	688,315	725	680	13	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187853_A_saliva.metaspades.bin.37	CNA0071009	100	0	43.26	91.48	TRUE	741,835	800	753	5	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187862_A_saliva.metaspades.bin.43	CNA0071013	97.67	0	43.24	91.49	TRUE	710,035	743	701	90	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187874_A_saliva.metaspades.bin.29	CNA0071016	90.7	4.65	43.57	91.29	TRUE	748,168	807	758	88	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187899_A_saliva.metaspades.bin.64	CNA0071019	90.7	2.33	43.56	92.01	TRUE	548,565	591	564	127	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187903_A_saliva.metaspades.bin.45	CNA0071022	100	0	43.08	91.16	TRUE	727,786	779	732	12	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187907_A_saliva.metaspades.bin.32	CNA0071025	100	2.33	43.24	91.14	TRUE	710,481	792	748	65	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187911_A_saliva.metaspades.bin.37	CNA0071028	100	0	43.19	91.77	TRUE	686,938	735	689	4	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187914_A_saliva.metaspades.bin.1	CNA0071031	93.02	0	43.20	90.82	TRUE	678,486	751	705	50	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187916_A_saliva.metaspades.bin.50	CNA0071035	90.7	4.65	43.14	92.33	TRUE	719,459	778	744	125	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187920_A_saliva.metaspades.bin.29	CNA0071038	97.67	0	43.37	92.87	TRUE	693,056	724	685	69	Chinese cohorts	MAG	human body	oral cavity
R0170300050_tooth_RA.megahit.bin.47	CNA0070976	97.67	4.65	37.75	91.27	TRUE	678,771	691	656	37	Chinese cohorts	MAG	human body	oral cavity
R0170300051_tooth_RA.megahit.bin.53	CNA0070977	100	0	52.03	86.10	TRUE	1,019,027	1046	1000	8	Chinese cohorts	MAG	human body	oral cavity
R0170300051_tooth_RA.megahit.bin.56	CNA0070979	90.7	0	50.73	89.95	TRUE	646,745	571	535	51	Chinese cohorts	MAG	human body	oral cavity
R0170300051_tooth_RA.megahit.bin.6	CNA0070980	90.7	0	38.85	89.59	TRUE	547,006	546	511	5	Chinese cohorts	MAG	human body	oral cavity
R0170300051_tooth_RA.megahit.bin.71	CNA0070982	97.67	2.33	38.25	90.55	TRUE	790,024	809	765	35	Chinese cohorts	MAG	human body	oral cavity
R0170300052_tooth_RA.megahit.bin.177	CNA0070983	100	4.65	48.86	90.40	TRUE	851,197	884	839	22	Chinese cohorts	MAG	human body	oral cavity
R0170300052_tooth_RA.megahit.bin.29	CNA0070985	100	2.33	38.17	90.97	TRUE	798,007	817	772	30	Chinese cohorts	MAG	human body	oral cavity
R0170300053_tooth_RA.megahit.bin.84	CNA0070986	100	2.33	47.08	88.46	TRUE	961,130	994	947	50	Chinese cohorts	MAG	human body	oral cavity
R0170300055_tooth_RA.megahit.bin.26	CNA0070988	93.02	0	34.50	92.05	TRUE	581,290	537	511	123	Chinese cohorts	MAG	human body	oral cavity
R0170300055_tooth_RA.megahit.bin.35	CNA0070989	100	0	39.67	89.56	TRUE	785,348	787	740	6	Chinese cohorts	MAG	human body	oral cavity
R0170300055_tooth_RA.megahit.bin.5	CNA0070991	100	0	52.21	85.68	TRUE	1,001,608	1016	971	11	Chinese cohorts	MAG	human body	oral cavity
R0170300056_tooth_RA.megahit.bin.105	CNA0070992	100	0	41.63	88.68	TRUE	782,814	740	693	13	Chinese cohorts	MAG	human body	oral cavity
R0170300056_tooth_RA.megahit.bin.17	CNA0070994	93.02	2.33	37.86	91.69	TRUE	735,072	747	709	20	Chinese cohorts	MAG	human body	oral cavity
R0170300057_tooth_RA.megahit.bin.6	CNA0070995	97.67	2.33	47.96	91.27	TRUE	649,818	694	656	8	Chinese cohorts	MAG	human body	oral cavity
R0170300060_tooth_RA.megahit.bin.57	CNA0070996	97.67	0	38.05	91.12	TRUE	740,249	750	717	7	Chinese cohorts	MAG	human body	oral cavity
R0170300060_tooth_RA.megahit.bin.77	CNA0070998	93.02	4.65	49.83	90.18	TRUE	570,985	610	583	12	Chinese cohorts	MAG	human body	oral cavity
R0170300060_tooth_RA.megahit.bin.92	CNA0070999	100	2.33	46.45	90.80	TRUE	825,824	856	813	10	Chinese cohorts	MAG	human body	oral cavity
R0170300061_tooth_RA.megahit.bin.113	CNA0071001	97.67	0	33.96	89.79	TRUE	725,529	729	690	10	Chinese cohorts	MAG	human body	oral cavity
R0170300061_tooth_RA.megahit.bin.12	CNA0071002	93.02	0	52.99	85.31	TRUE	812,055	844	811	14	Chinese cohorts	MAG	human body	oral cavity
R0170300061_tooth_RA.megahit.bin.44	CNA0071004	95.35	2.33	38.55	89.52	TRUE	583,024	579	541	22	Chinese cohorts	MAG	human body	oral cavity
R0170300061_tooth_RA.megahit.bin.55	CNA0071005	95.35	0	35.48	91.09	TRUE	645,308	639	598	132	Chinese cohorts	MAG	human body	oral cavity
R0170300062_tooth_RA.megahit.bin.52	CNA0071007	90.7	0	48.10	93.31	TRUE	640,151	695	659	70	Chinese cohorts	MAG	human body	oral cavity
R0170300062_tooth_RA.megahit.bin.61	CNA0071008	100	0	52.45	85.68	TRUE	982,983	1003	958	8	Chinese cohorts	MAG	human body	oral cavity
R0170300062_tooth_RA.megahit.bin.66	CNA0071010	100	0	38.16	91.52	TRUE	753,964	774	735	15	Chinese cohorts	MAG	human body	oral cavity
R0170300065_tooth_RA.megahit.bin.77	CNA0071011	95.35	0	50.99	88.71	TRUE	720,137	685	639	24	Chinese cohorts	MAG	human body	oral cavity
R0170300065_tooth_RA.megahit.bin.79	CNA0071012	97.67	0	37.36	91.49	TRUE	609,399	628	592	11	Chinese cohorts	MAG	human body	oral cavity
R0170300065_tooth_RA.megahit.bin.81	CNA0071014	100	2.33	48.33	91.57	TRUE	719,043	755	713	22	Chinese cohorts	MAG	human body	oral cavity
R0170300066_tooth_RA.megahit.bin.70	CNA0071015	100	2.33	38.22	90.35	TRUE	765,593	799	752	5	Chinese cohorts	MAG	human body	oral cavity
R0170300067_tooth_RA.megahit.bin.1	CNA0071017	90.7	0	37.24	91.49	TRUE	482,333	485	465	5	Chinese cohorts	MAG	human body	oral cavity
R0170300067_tooth_RA.megahit.bin.54	CNA0071018	90.7	2.33	46.79	91.11	TRUE	514,582	539	516	64	Chinese cohorts	MAG	human body	oral cavity
R0170300068_tooth_RA.megahit.bin.89	CNA0071020	97.67	0	37.17	91.51	TRUE	645,818	637	605	39	Chinese cohorts	MAG	human body	oral cavity
R0170300070_tooth_RA.megahit.bin.58	CNA0071021	100	0	39.78	89.49	TRUE	755,232	748	701	12	Chinese cohorts	MAG	human body	oral cavity
R0170300071_tooth_RA.megahit.bin.81	CNA0071023	97.67	0	47.31	91.39	TRUE	820,081	885	844	36	Chinese cohorts	MAG	human body	oral cavity
R0170300073_tooth_RA.megahit.bin.46	CNA0071024	93.02	0	37.92	91.04	TRUE	699,702	722	685	18	Chinese cohorts	MAG	human body	oral cavity
R0170300075_tooth_RA.megahit.bin.36	CNA0071026	97.67	0	37.94	91.29	TRUE	666,814	693	659	12	Chinese cohorts	MAG	human body	oral cavity
R0170300077_tooth_RA.megahit.bin.6	CNA0071027	95.35	2.33	38.80	91.00	TRUE	787,367	798	753	8	Chinese cohorts	MAG	human body	oral cavity
R0170300078_tooth_RA.megahit.bin.29	CNA0071029	100	0	40.19	90.26	TRUE	679,318	674	630	30	Chinese cohorts	MAG	human body	oral cavity
R0170300078_tooth_RA.megahit.bin.66	CNA0071030	97.67	0	50.29	88.96	TRUE	782,597	739	691	21	Chinese cohorts	MAG	human body	oral cavity
R0170300079_tooth_RA.megahit.bin.12	CNA0071032	95.35	2.33	34.31	90.55	TRUE	639,454	626	592	83	Chinese cohorts	MAG	human body	oral cavity
R0170300079_tooth_RA.megahit.bin.18	CNA0071033	97.67	0	39.76	89.35	TRUE	724,661	719	678	12	Chinese cohorts	MAG	human body	oral cavity
R0170300079_tooth_RA.megahit.bin.64	CNA0071034	95.35	2.33	37.58	90.75	TRUE	743,988	746	697	59	Chinese cohorts	MAG	human body	oral cavity
R0170300083_tooth_RA.megahit.bin.110	CNA0071036	97.67	0	50.51	89.55	TRUE	767,154	724	677	28	Chinese cohorts	MAG	human body	oral cavity
R0170300092_tooth_RA.megahit.bin.31	CNA0071037	93.02	0	50.80	89.35	TRUE	698,174	660	621	38	Chinese cohorts	MAG	human body	oral cavity
R0170300092_tooth_RA.megahit.bin.51	CNA0071039	90.7	2.33	47.82	91.90	TRUE	605,619	649	616	71	Chinese cohorts	MAG	human body	oral cavity
R0170300092_tooth_RA.megahit.bin.66	CNA0071040	100	0	48.45	88.97	TRUE	706,923	716	680	6	Chinese cohorts	MAG	human body	oral cavity
R0170300092_tooth_RA.megahit.bin.69	CNA0071041	100	0	51.22	92.13	TRUE	727,095	795	757	11	Chinese cohorts	MAG	human body	oral cavity
R0170300097_tooth_RA.megahit.bin.57	CNA0071043	100	0	51.31	92.00	TRUE	764,510	836	794	7	Chinese cohorts	MAG	human body	oral cavity
R0170300097_tooth_RA.megahit.bin.6	CNA0071044	97.67	0	38.20	90.63	TRUE	819,060	847	807	15	Chinese cohorts	MAG	human body	oral cavity
R0170300098_tooth_RA.megahit.bin.129	CNA0071046	100	2.33	48.96	90.55	TRUE	807,593	844	802	17	Chinese cohorts	MAG	human body	oral cavity
R0170300098_tooth_RA.megahit.bin.34	CNA0071047	97.67	0	33.99	89.95	TRUE	703,586	705	668	12	Chinese cohorts	MAG	human body	oral cavity
R0170300100_tooth_RA.megahit.bin.107	CNA0071049	95.35	0	37.34	91.94	TRUE	656,330	652	618	39	Chinese cohorts	MAG	human body	oral cavity
R0170300100_tooth_RA.megahit.bin.115	CNA0071051	100	2.33	47.49	90.79	TRUE	807,253	870	826	65	Chinese cohorts	MAG	human body	oral cavity
R0170300100_tooth_RA.megahit.bin.14	CNA0071052	97.67	0	38.35	89.75	TRUE	716,761	694	650	19	Chinese cohorts	MAG	human body	oral cavity
R0170300100_tooth_RA.megahit.bin.38	CNA0071053	95.35	0	50.72	89.52	TRUE	725,042	685	644	38	Chinese cohorts	MAG	human body	oral cavity
R0170300102_tooth_RA.megahit.bin.20	CNA0071055	97.67	4.65	48.32	91.45	TRUE	737,305	778	735	85	Chinese cohorts	MAG	human body	oral cavity
R0170300102_tooth_RA.megahit.bin.26	CNA0071057	100	0	51.18	92.00	TRUE	759,325	837	797	7	Chinese cohorts	MAG	human body	oral cavity
R0170300104_tooth_RA.megahit.bin.11	CNA0071058	100	2.33	52.09	86.29	TRUE	977,455	1000	956	58	Chinese cohorts	MAG	human body	oral cavity
R0170300104_tooth_RA.megahit.bin.12	CNA0071060	97.67	0	35.53	90.96	TRUE	606,516	622	587	34	Chinese cohorts	MAG	human body	oral cavity
R0170300105_tooth_RA.megahit.bin.100	CNA0071061	95.35	0	34.09	90.89	TRUE	664,299	658	626	70	Chinese cohorts	MAG	human body	oral cavity
R0170300105_tooth_RA.megahit.bin.119	CNA0071063	100	0	37.67	90.95	TRUE	714,806	732	693	30	Chinese cohorts	MAG	human body	oral cavity
R0170300105_tooth_RA.megahit.bin.2	CNA0071064	100	2.33	39.80	89.49	TRUE	760,857	750	700	15	Chinese cohorts	MAG	human body	oral cavity
R0170300106_tooth_RA.megahit.bin.39	CNA0071066	97.67	0	50.30	89.18	TRUE	819,280	764	716	22	Chinese cohorts	MAG	human body	oral cavity
R0170300106_tooth_RA.megahit.bin.44	CNA0071067	90.7	0	37.16	92.92	TRUE	590,779	590	557	38	Chinese cohorts	MAG	human body	oral cavity

R0170300106_tooth_RA.megahit.bin.47	CNA0071069	90.7	2.33	47.22	91.66	TRUE	888,444	952	908	9	Chinese cohorts	MAG	human body	oral cavity
R0170300107_tooth_RA.megahit.bin.2	CNA0071070	97.67	4.65	46.69	91.33	TRUE	793,987	851	814	51	Chinese cohorts	MAG	human body	oral cavity
R0170300110_tooth_RA.megahit.bin.38	CNA0071072	97.67	2.33	46.83	91.43	TRUE	633,002	671	630	16	Chinese cohorts	MAG	human body	oral cavity
R0170300110_tooth_RA.megahit.bin.49	CNA0071074	93.02	0	50.62	90.41	TRUE	770,224	726	680	39	Chinese cohorts	MAG	human body	oral cavity
R0170300110_tooth_RA.megahit.bin.53	CNA0071075	90.7	2.33	50.32	92.08	TRUE	605,110	651	619	20	Chinese cohorts	MAG	human body	oral cavity
R0170300110_tooth_RA.megahit.bin.64	CNA0071077	97.67	0	37.97	91.21	TRUE	766,099	777	737	26	Chinese cohorts	MAG	human body	oral cavity
R0170300110_tooth_RA.megahit.bin.88	CNA0071078	100	0	39.58	89.37	TRUE	793,995	780	733	10	Chinese cohorts	MAG	human body	oral cavity
R0170300111_tooth_RA.megahit.bin.32	CNA0071080	95.35	0	38.16	89.42	TRUE	663,737	659	617	11	Chinese cohorts	MAG	human body	oral cavity
R0170300111_tooth_RA.megahit.bin.62	CNA0071081	90.7	0	37.54	91.93	TRUE	606,592	613	584	76	Chinese cohorts	MAG	human body	oral cavity
R0170300114_tooth_RA.megahit.bin.10	CNA0071083	100	0	40.02	89.64	TRUE	727,582	716	668	18	Chinese cohorts	MAG	human body	oral cavity
R0170300114_tooth_RA.megahit.bin.56	CNA0071084	100	0	51.08	85.60	TRUE	1,027,850	1057	1020	58	Chinese cohorts	MAG	human body	oral cavity
R0170300114_tooth_RA.megahit.bin.70	CNA0071086	100	2.33	38.17	90.43	TRUE	811,411	833	789	22	Chinese cohorts	MAG	human body	oral cavity
R0170300115_tooth_RA.megahit.bin.16	CNA0071087	97.67	2.33	38.21	91.54	TRUE	711,318	732	692	20	Chinese cohorts	MAG	human body	oral cavity
R0170300115_tooth_RA.megahit.bin.91	CNA0071089	97.67	0	50.48	88.73	TRUE	709,416	669	624	29	Chinese cohorts	MAG	human body	oral cavity
R0170300117_tooth_RA.megahit.bin.12	CNA0071091	90.7	2.33	49.12	91.04	TRUE	827,674	849	807	51	Chinese cohorts	MAG	human body	oral cavity
R0170300118_tooth_RA.megahit.bin.3	CNA0071092	100	0	37.88	91.02	TRUE	732,621	759	726	7	Chinese cohorts	MAG	human body	oral cavity
R0170300118_tooth_RA.megahit.bin.46	CNA0071094	97.67	0	35.41	90.85	TRUE	605,431	613	576	36	Chinese cohorts	MAG	human body	oral cavity
R0170300118_tooth_RA.megahit.bin.74	CNA0071095	93.02	0	34.39	91.45	TRUE	620,352	601	569	109	Chinese cohorts	MAG	human body	oral cavity
R0170300119_tooth_RA.megahit.bin.12	CNA0071097	90.7	0	37.51	91.49	TRUE	465,935	484	451	8	Chinese cohorts	MAG	human body	oral cavity
R0170300119_tooth_RA.megahit.bin.2	CNA0071098	97.67	0	33.93	89.69	TRUE	739,726	737	696	18	Chinese cohorts	MAG	human body	oral cavity
R0170300119_tooth_RA.megahit.bin.84	CNA0071100	95.35	4.65	46.96	90.75	TRUE	711,606	739	699	24	Chinese cohorts	MAG	human body	oral cavity
R0170300120_tooth_RA.megahit.bin.106	CNA0071101	100	4.65	38.03	90.97	TRUE	774,918	815	775	15	Chinese cohorts	MAG	human body	oral cavity
R0170300120_tooth_RA.megahit.bin.14	CNA0071103	97.67	0	34.11	90.75	TRUE	645,715	622	591	81	Chinese cohorts	MAG	human body	oral cavity
R0170300120_tooth_RA.megahit.bin.28	CNA0071105	100	0	52.34	85.71	TRUE	996,494	1027	982	3	Chinese cohorts	MAG	human body	oral cavity
R0170300120_tooth_RA.megahit.bin.47	CNA0071106	100	2.33	46.97	91.15	TRUE	766,714	805	765	20	Chinese cohorts	MAG	human body	oral cavity
R0170300120_tooth_RA.megahit.bin.52	CNA0071107	95.35	0	50.96	88.74	TRUE	726,760	690	646	23	Chinese cohorts	MAG	human body	oral cavity
R0170300120_tooth_RA.megahit.bin.80	CNA0071109	97.67	2.33	40.01	89.94	TRUE	752,064	746	702	16	Chinese cohorts	MAG	human body	oral cavity
R0170300121_tooth_RA.megahit.bin.23	CNA0071111	95.35	0	50.95	88.83	TRUE	721,399	687	642	25	Chinese cohorts	MAG	human body	oral cavity
R0170300121_tooth_RA.megahit.bin.4	CNA0071112	97.67	0	38.22	89.75	TRUE	771,125	782	735	3	Chinese cohorts	MAG	human body	oral cavity
R0170300124_tooth_RA.megahit.bin.51	CNA0071114	90.7	0	52.38	85.04	TRUE	893,904	911	866	4	Chinese cohorts	MAG	human body	oral cavity
R0170300125_tooth_RA.megahit.bin.2	CNA0071115	95.35	0	38.33	90.56	TRUE	797,039	825	781	12	Chinese cohorts	MAG	human body	oral cavity
R0170300127_tooth_RA.megahit.bin.30	CNA0071116	100	0	47.15	91.62	TRUE	928,112	991	949	47	Chinese cohorts	MAG	human body	oral cavity
R0170300127_tooth_RA.megahit.bin.43	CNA0071118	97.67	2.33	38.38	91.48	TRUE	825,081	808	764	97	Chinese cohorts	MAG	human body	oral cavity
R0170300127_tooth_RA.megahit.bin.7	CNA0071119	93.02	0	50.43	89.56	TRUE	775,222	719	677	25	Chinese cohorts	MAG	human body	oral cavity
R0170300128_tooth_RA.megahit.bin.9	CNA0071121	97.67	0	47.36	91.09	TRUE	878,888	948	901	36	Chinese cohorts	MAG	human body	oral cavity
R0170300129_tooth_RA.megahit.bin.17	CNA0071122	97.67	0	38.03	90.82	TRUE	812,402	845	804	26	Chinese cohorts	MAG	human body	oral cavity
R0170300129_tooth_RA.megahit.bin.41	CNA0071124	100	0	40.11	90.33	TRUE	711,468	698	651	62	Chinese cohorts	MAG	human body	oral cavity
R0170300133_tooth_RA.megahit.bin.23	CNA0071125	97.67	4.65	46.92	91.38	TRUE	768,528	807	771	36	Chinese cohorts	MAG	human body	oral cavity
R0170300133_tooth_RA.megahit.bin.51	CNA0071127	95.35	0	37.16	91.08	TRUE	646,149	647	608	46	Chinese cohorts	MAG	human body	oral cavity
R0170300133_tooth_RA.megahit.bin.60	CNA0071128	95.35	0	50.74	90.10	TRUE	761,796	723	676	27	Chinese cohorts	MAG	human body	oral cavity
R0170300135_tooth_RA.megahit.bin.70	CNA0071130	97.67	0	38.38	89.59	TRUE	721,084	724	663	20	Chinese cohorts	MAG	human body	oral cavity
R0170300135_tooth_RA.megahit.bin.76	CNA0071131	93.02	0	37.55	89.84	TRUE	551,126	581	536	12	Chinese cohorts	MAG	human body	oral cavity
R0170300135_tooth_RA.megahit.bin.82	CNA0071133	97.67	0	51.96	85.13	TRUE	911,380	959	919	31	Chinese cohorts	MAG	human body	oral cavity
R0170300136_tooth_RA.megahit.bin.13	CNA0071134	97.67	0	49.11	90.24	TRUE	821,382	851	809	31	Chinese cohorts	MAG	human body	oral cavity
R0170300136_tooth_RA.megahit.bin.20	CNA0071136	95.35	0	34.38	90.39	TRUE	617,765	602	568	106	Chinese cohorts	MAG	human body	oral cavity
R0170300136_tooth_RA.megahit.bin.26	CNA0071137	100	0	50.52	89.37	TRUE	795,853	743	696	37	Chinese cohorts	MAG	human body	oral cavity
R0170300136_tooth_RA.megahit.bin.71	CNA0071139	100	0	40.33	90.62	TRUE	692,881	680	636	61	Chinese cohorts	MAG	human body	oral cavity
R0170300136_tooth_RA.megahit.bin.73	CNA0071140	100	0	41.66	89.49	TRUE	745,821	718	673	15	Chinese cohorts	MAG	human body	oral cavity
R0170300136_tooth_RA.megahit.bin.76	CNA0071142	95.35	2.33	46.88	91.42	TRUE	704,413	740	705	32	Chinese cohorts	MAG	human body	oral cavity
R0170300136_tooth_RA.megahit.bin.7	CNA0071143	90.7	0	37.35	92.00	TRUE	627,084	622	591	46	Chinese cohorts	MAG	human body	oral cavity
R0170300137_tooth_RA.megahit.bin.10	CNA0071145	100	0	37.99	90.29	TRUE	765,901	792	745	12	Chinese cohorts	MAG	human body	oral cavity
R0170300137_tooth_RA.megahit.bin.43	CNA0071147	100	0	51.37	85.67	TRUE	1,046,012	1085	1045	34	Chinese cohorts	MAG	human body	oral cavity
R0170300137_tooth_RA.megahit.bin.75	CNA0071148	95.35	4.65	49.70	90.34	TRUE	715,451	760	720	8	Chinese cohorts	MAG	human body	oral cavity
R0170300139_tooth_RA.megahit.bin.20	CNA0071150	90.7	0	40.39	91.59	TRUE	602,052	567	534	74	Chinese cohorts	MAG	human body	oral cavity
R0170300139_tooth_RA.megahit.bin.75	CNA0071151	90.7	2.33	47.37	92.10	TRUE	878,560	934	894	40	Chinese cohorts	MAG	human body	oral cavity
R0170300139_tooth_RA.megahit.bin.95	CNA0071153	97.67	0	50.56	89.60	TRUE	770,869	702	656	24	Chinese cohorts	MAG	human body	oral cavity
R0170300139_tooth_RA.megahit.bin.99	CNA0071154	95.35	0	37.25	91.38	TRUE	675,440	691	649	32	Chinese cohorts	MAG	human body	oral cavity
R0170300141_tooth_RA.megahit.bin.64	CNA0071155	100	0	37.95	90.44	TRUE	791,411	817	772	14	Chinese cohorts	MAG	human body	oral cavity
R0170300141_tooth_RA.megahit.bin.72	CNA0071157	100	0	35.33	90.53	TRUE	632,432	657	621	11	Chinese cohorts	MAG	human body	oral cavity
R0170300144_tooth_RA.megahit.bin.121	CNA0071158	100	4.65	37.93	90.83	TRUE	774,201	779	738	24	Chinese cohorts	MAG	human body	oral cavity
R0170300145_tooth_RA.megahit.bin.1	CNA0071159	97.67	0	33.93	89.89	TRUE	741,532	755	716	27	Chinese cohorts	MAG	human body	oral cavity
R0170300145_tooth_RA.megahit.bin.44	CNA0071161	97.67	0	37.51	91.65	TRUE	687,156	689	651	26	Chinese cohorts	MAG	human body	oral cavity
R0170300145_tooth_RA.megahit.bin.69	CNA0071162	95.35	2.33	50.86	89.92	TRUE	687,331	650	613	52	Chinese cohorts	MAG	human body	oral cavity
R0170300146_tooth_RA.megahit.bin.21	CNA0071164	97.67	0	34.11	90.07	TRUE	650,698	645	608	43	Chinese cohorts	MAG	human body	oral cavity
R0170300146_tooth_RA.megahit.bin.30	CNA0071165	97.67	0	40.24	89.78	TRUE	766,913	738	688	17	Chinese cohorts	MAG	human body	oral cavity
R0170300146_tooth_RA.megahit.bin.4	CNA0071167	95.35	0	37.54	91.04	TRUE	697,954	723	675	28	Chinese cohorts	MAG	human body	oral cavity
R0170300147_tooth_RA.megahit.bin.17	CNA0071168	100	4.65	47.91	91.60	TRUE	808,382	846	803	67	Chinese cohorts	MAG	human body	oral cavity
R0170300147_tooth_RA.megahit.bin.4	CNA0071170	100	0	51.76	85.62	TRUE	1,029,412	1064	1019	14	Chinese cohorts	MAG	human body	oral cavity
R0170300148_tooth_RA.megahit.bin.111	CNA0071171	97.67	0	39.89	90.08	TRUE	717,104	706	660	35	Chinese cohorts	MAG	human body	oral cavity
R0170300148_tooth_RA.megahit.bin.4	CNA0071173	100	0	37.60	90.72	TRUE	741,655	759	717	15	Chinese cohorts	MAG	human body	oral cavity
R0170300148_tooth_RA.megahit.bin.83	CNA0071175	95.35	0	34.39	91.44	TRUE	633,108	594	567	101	Chinese cohorts	MAG	human body	oral cavity
R0170300149_tooth_RA.megahit.bin.28	CNA0071176	90.7	0	51.03	89.69	TRUE	698,502	652	606	46	Chinese cohorts	MAG	human body	oral cavity
R0170300149_tooth_RA.megahit.bin.32	CNA0071178	95.35	0	52.22	86.65	TRUE	952,002	1010	969	92	Chinese cohorts	MAG	human body	oral cavity
R0170300150_tooth_RA.megahit.bin.56	CNA0071179	90.7	0	37.19	91.95	TRUE	595,471	601	563	36	Chinese cohorts	MAG	human body	oral cavity
R0170300150_tooth_RA.megahit.bin.66	CNA0071180	97.67	2.33	46.69	90.48	TRUE	783,794	813	773	15	Chinese cohorts	MAG	human body	oral cavity
R0170300151_tooth_RA.megahit.bin.21	CNA0071182	100	0	38.14	91.35	TRUE	720,893	735	698	55	Chinese cohorts	MAG	human body	oral cavity
R0170300151_tooth_RA.megahit.bin.58	CNA0071183	95.35	0	48.00	91.47	TRUE	699,230	746	707	57	Chinese cohorts	MAG	human body	oral cavity
R0170300151_tooth_RA.megahit.bin.9	CNA0071185	97.67	0	34.05	89.55	TRUE	719,093	719	679	14	Chinese cohorts	MAG	human body	oral cavity
R0170300152_tooth_RA.megahit.bin.50	CNA0071186	97.67	0	34.23	90.78	TRUE	613,347	585	554	98	Chinese cohorts	MAG	human body	oral cavity
R0170300152_tooth_RA.megahit.bin.61	CNA0071187	90.7	0	39.87	90.09	TRUE	713,809	709	665	28	Chinese cohorts	MAG	human body	oral cavity
R0170300152_tooth_RA.megahit.bin.80	CNA0071189	95.35	0	37.82	92.68	TRUE	669,904	686	648	41	Chinese cohorts	MAG	human body	oral cavity

R0170300153_tooth_RA.megahit.bin.106	CNA0071190	100	0	37.56	90.28	TRUE	694,972	713	675	14	Chinese cohorts	MAG	human body	oral cavity
R0170300154_tooth_RA.megahit.bin.116	CNA0071192	95.35	0	34.11	90.08	TRUE	697,557	703	666	31	Chinese cohorts	MAG	human body	oral cavity
R0170300155_tooth_RA.megahit.bin.58	CNA0071193	90.7	0	50.73	89.53	TRUE	686,739	644	603	41	Chinese cohorts	MAG	human body	oral cavity
R0170300156_tooth_RA.megahit.bin.76	CNA0071194	97.67	2.33	44.56	92.79	TRUE	699,541	739	706	25	Chinese cohorts	MAG	human body	oral cavity
R0170300156_tooth_RA.megahit.bin.91	CNA0071196	97.67	0	37.76	91.17	TRUE	649,321	659	622	15	Chinese cohorts	MAG	human body	oral cavity
R0170300157_tooth_RA.megahit.bin.55	CNA0071197	100	0	51.33	92.26	TRUE	767,896	827	785	7	Chinese cohorts	MAG	human body	oral cavity
R0170300157_tooth_RA.megahit.bin.74	CNA0071199	95.35	4.65	49.01	90.88	TRUE	839,164	892	850	41	Chinese cohorts	MAG	human body	oral cavity
R0170300158_tooth_RA.megahit.bin.24	CNA0071200	97.67	0	37.90	90.87	TRUE	724,071	737	700	13	Chinese cohorts	MAG	human body	oral cavity
R0170300159_tooth_RA.megahit.bin.123	CNA0071201	97.67	0	38.02	91.28	TRUE	719,590	734	696	28	Chinese cohorts	MAG	human body	oral cavity
R0170300160_tooth_RA.megahit.bin.83	CNA0071203	100	4.65	52.27	86.20	TRUE	968,569	1029	987	77	Chinese cohorts	MAG	human body	oral cavity
R0170300161_tooth_RA.megahit.bin.150	CNA0071204	95.35	0	40.36	89.49	TRUE	762,407	729	683	11	Chinese cohorts	MAG	human body	oral cavity
R0170300161_tooth_RA.megahit.bin.158	CNA0071206	95.35	0	39.84	89.76	TRUE	636,287	620	583	8	Chinese cohorts	MAG	human body	oral cavity
R0170300161_tooth_RA.megahit.bin.38	CNA0071207	97.67	2.33	37.85	90.61	TRUE	770,492	792	753	20	Chinese cohorts	MAG	human body	oral cavity
R0170300161_tooth_RA.megahit.bin.41	CNA0071209	97.67	0	33.98	89.60	TRUE	718,421	716	677	13	Chinese cohorts	MAG	human body	oral cavity
R0170300161_tooth_RA.megahit.bin.8	CNA0071210	100	2.33	48.88	89.90	TRUE	854,343	885	841	20	Chinese cohorts	MAG	human body	oral cavity
R0170300162_tooth_RA.megahit.bin.20	CNA0071211	97.67	0	37.28	90.74	TRUE	681,006	692	650	35	Chinese cohorts	MAG	human body	oral cavity
R0170300162_tooth_RA.megahit.bin.4	CNA0071213	97.67	0	42.34	90.91	TRUE	765,630	789	748	13	Chinese cohorts	MAG	human body	oral cavity
R0170300162_tooth_RA.megahit.bin.89	CNA0071214	97.67	0	37.98	89.54	TRUE	768,022	770	723	2	Chinese cohorts	MAG	human body	oral cavity
R0170300164_tooth_RA.megahit.bin.80	CNA0071216	100	0	39.68	89.67	TRUE	807,210	804	758	17	Chinese cohorts	MAG	human body	oral cavity
R0170300165_tooth_RA.megahit.bin.12	CNA0071217	97.67	2.33	38.05	91.06	TRUE	819,232	839	797	17	Chinese cohorts	MAG	human body	oral cavity
R0170300165_tooth_RA.megahit.bin.3	CNA0071218	95.35	2.33	38.31	89.42	TRUE	706,300	683	636	20	Chinese cohorts	MAG	human body	oral cavity
R0170300169_tooth_RA.megahit.bin.51	CNA0071220	97.67	0	33.99	89.87	TRUE	708,148	705	666	26	Chinese cohorts	MAG	human body	oral cavity
R0170300170_tooth_RA.megahit.bin.136	CNA0071221	95.35	0	50.55	88.60	TRUE	767,088	730	680	27	Chinese cohorts	MAG	human body	oral cavity
R0170300170_tooth_RA.megahit.bin.155	CNA0071223	100	2.33	52.09	86.04	TRUE	1,053,950	1081	1034	11	Chinese cohorts	MAG	human body	oral cavity
R0170300170_tooth_RA.megahit.bin.1	CNA0071224	93.02	0	37.77	90.38	TRUE	540,441	556	535	11	Chinese cohorts	MAG	human body	oral cavity
R0170300170_tooth_RA.megahit.bin.6	CNA0071226	100	0	39.72	89.41	TRUE	752,311	738	691	7	Chinese cohorts	MAG	human body	oral cavity
R0170300170_tooth_RA.megahit.bin.97	CNA0071227	97.67	0	33.98	89.77	TRUE	720,640	719	678	13	Chinese cohorts	MAG	human body	oral cavity
R0170300172_tooth_RA.megahit.bin.52	CNA0071228	93.02	2.33	51.29	89.75	TRUE	591,721	561	523	79	Chinese cohorts	MAG	human body	oral cavity
R0170300175_tooth_RA.megahit.bin.20	CNA0071230	95.35	0	37.93	90.75	TRUE	782,580	799	760	20	Chinese cohorts	MAG	human body	oral cavity
R0170300176_tooth_RA.megahit.bin.28	CNA0071231	95.35	0	39.86	89.56	TRUE	641,089	622	584	5	Chinese cohorts	MAG	human body	oral cavity
R0170300176_tooth_RA.megahit.bin.83	CNA0071233	93.02	0	50.81	89.36	TRUE	693,143	649	609	30	Chinese cohorts	MAG	human body	oral cavity
R0170300176_tooth_RA.megahit.bin.97	CNA0071234	97.67	0	37.67	91.11	TRUE	702,932	724	683	13	Chinese cohorts	MAG	human body	oral cavity
R0170300178_tooth_RA.megahit.bin.102	CNA0071236	97.67	0	38.34	89.23	TRUE	722,867	708	659	14	Chinese cohorts	MAG	human body	oral cavity
R0170300178_tooth_RA.megahit.bin.23	CNA0071237	90.7	0	50.82	89.00	TRUE	711,110	666	625	29	Chinese cohorts	MAG	human body	oral cavity
R0170300178_tooth_RA.megahit.bin.65	CNA0071239	97.67	2.33	47.19	88.08	TRUE	870,268	900	858	42	Chinese cohorts	MAG	human body	oral cavity
R0170300179_tooth_RA.megahit.bin.15	CNA0071240	100	0	52.28	86.02	TRUE	993,910	1012	968	8	Chinese cohorts	MAG	human body	oral cavity
R0170300179_tooth_RA.megahit.bin.1	CNA0071242	97.67	0	47.09	91.28	TRUE	739,883	789	753	33	Chinese cohorts	MAG	human body	oral cavity
R0170300181_tooth_RA.megahit.bin.83	CNA0071243	100	0	48.62	89.13	TRUE	714,301	724	688	10	Chinese cohorts	MAG	human body	oral cavity
R0170300181_tooth_RA.megahit.bin.88	CNA0071245	95.35	0	37.96	92.24	TRUE	688,953	686	652	41	Chinese cohorts	MAG	human body	oral cavity
R0170300181_tooth_RA.megahit.bin.96	CNA0071246	90.7	0	38.56	90.28	TRUE	594,634	585	549	26	Chinese cohorts	MAG	human body	oral cavity
R0170300182_tooth_RA.megahit.bin.100	CNA0071248	97.67	0	50.31	89.75	TRUE	828,422	765	717	31	Chinese cohorts	MAG	human body	oral cavity
R0170300183_tooth_RA.megahit.bin.33	CNA0071249	93.02	0	51.08	89.28	TRUE	679,915	636	595	20	Chinese cohorts	MAG	human body	oral cavity
R0170300183_tooth_RA.megahit.bin.5	CNA0071251	100	2.33	46.72	90.92	TRUE	809,186	854	814	11	Chinese cohorts	MAG	human body	oral cavity
R0170300184_tooth_RA.megahit.bin.85	CNA0071252	95.35	0	39.78	89.51	TRUE	739,293	734	689	12	Chinese cohorts	MAG	human body	oral cavity
R0170300185_tooth_RA.megahit.bin.44	CNA0071254	90.7	0	50.59	89.63	TRUE	697,004	669	625	24	Chinese cohorts	MAG	human body	oral cavity
R0170300187_tooth_RA.megahit.bin.41	CNA0071255	93.02	0	50.84	89.00	TRUE	733,873	698	649	25	Chinese cohorts	MAG	human body	oral cavity
R0170300187_tooth_RA.megahit.bin.57	CNA0071257	97.67	2.33	37.90	90.90	TRUE	722,590	737	700	30	Chinese cohorts	MAG	human body	oral cavity
R0170300189_tooth_RA.megahit.bin.1	CNA0071258	97.67	0	52.05	85.76	TRUE	962,529	991	949	11	Chinese cohorts	MAG	human body	oral cavity
R0170300189_tooth_RA.megahit.bin.69	CNA0071259	100	0	46.95	91.37	TRUE	996,730	1070	1021	29	Chinese cohorts	MAG	human body	oral cavity
R0170300190_tooth_RA.megahit.bin.12	CNA0071261	90.7	0	37.21	92.11	TRUE	636,118	643	604	34	Chinese cohorts	MAG	human body	oral cavity
R0170300192_tooth_RA.megahit.bin.38	CNA0071262	97.67	0	38.26	89.29	TRUE	678,914	673	629	52	Chinese cohorts	MAG	human body	oral cavity
R0170300192_tooth_RA.megahit.bin.84	CNA0071264	97.67	0	37.81	91.61	TRUE	719,218	732	694	16	Chinese cohorts	MAG	human body	oral cavity
R0170300193_tooth_RA.megahit.bin.57	CNA0071265	97.67	0	37.39	90.72	TRUE	648,846	669	634	14	Chinese cohorts	MAG	human body	oral cavity
R0170300193_tooth_RA.megahit.bin.67	CNA0071267	95.35	0	34.16	89.80	TRUE	717,885	721	682	17	Chinese cohorts	MAG	human body	oral cavity
R0170300193_tooth_RA.megahit.bin.72	CNA0071268	100	4.65	47.89	91.02	TRUE	837,223	888	844	39	Chinese cohorts	MAG	human body	oral cavity
R0170300194_tooth_RA.megahit.bin.108	CNA0071270	97.67	0	34.08	90.09	TRUE	692,518	685	647	40	Chinese cohorts	MAG	human body	oral cavity
R0170300194_tooth_RA.megahit.bin.111	CNA0071271	97.67	2.33	47.73	90.81	TRUE	844,565	899	855	51	Chinese cohorts	MAG	human body	oral cavity
R0170300194_tooth_RA.megahit.bin.127	CNA0071273	100	2.33	48.92	90.34	TRUE	850,292	883	838	14	Chinese cohorts	MAG	human body	oral cavity
R0170300194_tooth_RA.megahit.bin.76	CNA0071274	97.67	2.33	37.69	90.60	TRUE	663,915	686	649	20	Chinese cohorts	MAG	human body	oral cavity
R0170300195_tooth_RA.megahit.bin.89	CNA0071276	97.67	2.33	38.06	91.09	TRUE	791,638	801	758	25	Chinese cohorts	MAG	human body	oral cavity
R0170300196_tooth_RA.megahit.bin.11	CNA0071277	100	0	52.11	86.09	TRUE	1,003,546	1026	983	5	Chinese cohorts	MAG	human body	oral cavity
R0170300196_tooth_RA.megahit.bin.46	CNA0071278	97.67	4.65	46.90	90.40	TRUE	732,188	778	741	13	Chinese cohorts	MAG	human body	oral cavity
R0170300197_tooth_RA.megahit.bin.71	CNA0071280	95.35	0	48.26	93.17	TRUE	742,551	797	760	18	Chinese cohorts	MAG	human body	oral cavity
R0170300198_tooth_RA.megahit.bin.28	CNA0071281	100	2.33	47.15	91.26	TRUE	964,689	1053	1006	17	Chinese cohorts	MAG	human body	oral cavity
R0170300199_tooth_RA.megahit.bin.62	CNA0071283	100	0	52.19	85.60	TRUE	1,032,985	1054	1005	4	Chinese cohorts	MAG	human body	oral cavity
R0170300200_tooth_RA.megahit.bin.29	CNA0071284	93.02	0	50.95	88.88	TRUE	697,447	649	605	47	Chinese cohorts	MAG	human body	oral cavity
R0170300200_tooth_RA.megahit.bin.49	CNA0071286	90.7	0	37.08	92.73	TRUE	600,104	607	575	43	Chinese cohorts	MAG	human body	oral cavity
R0170300200_tooth_RA.megahit.bin.64	CNA0071287	95.35	2.33	47.55	87.78	TRUE	840,335	884	846	49	Chinese cohorts	MAG	human body	oral cavity
R0170300202_tooth_RA.megahit.bin.34	CNA0071289	100	0	37.60	91.06	TRUE	671,011	691	654	10	Chinese cohorts	MAG	human body	oral cavity
R0170300202_tooth_RA.megahit.bin.65	CNA0071290	100	0	39.65	89.33	TRUE	765,406	759	710	12	Chinese cohorts	MAG	human body	oral cavity
R0170300202_tooth_RA.megahit.bin.78	CNA0071292	100	2.33	49.07	90.69	TRUE	862,008	899	855	7	Chinese cohorts	MAG	human body	oral cavity
R0170300203_tooth_RA.megahit.bin.29	CNA0071293	90.7	0	51.02	89.56	TRUE	684,142	634	591	22	Chinese cohorts	MAG	human body	oral cavity
R0170300203_tooth_RA.megahit.bin.90	CNA0071295	97.67	0	38.38	89.48	TRUE	755,745	762	713	16	Chinese cohorts	MAG	human body	oral cavity
R0170300203_tooth_RA.megahit.bin.94	CNA0071296	95.35	2.33	52.48	86.00	TRUE	874,567	896	856	25	Chinese cohorts	MAG	human body	oral cavity
R0170300203_tooth_RA.megahit.bin.96	CNA0071298	100	0	38.25	90.94	TRUE	864,543	899	858	9	Chinese cohorts	MAG	human body	oral cavity
R0170300204_tooth_RA.megahit.bin.65	CNA0071299	90.7	2.33	49.29	90.20	TRUE	654,476	691	647	15	Chinese cohorts	MAG	human body	oral cavity
R0170300204_tooth_RA.megahit.bin.78	CNA0071301	93.02	0	39.56	90.01	TRUE	750,716	748	707	29	Chinese cohorts	MAG	human body	oral cavity
R0170300205_tooth_RA.megahit.bin.38	CNA0071302	97.67	0	50.51	89.08	TRUE	803,700	754	706	22	Chinese cohorts	MAG	human body	oral cavity
R0170300205_tooth_RA.megahit.bin.8	CNA0071303	95.35	0	38.18	89.87	TRUE	678,491	669	624	6	Chinese cohorts	MAG	human body	oral cavity
R0170300206_tooth_RA.megahit.bin.2	CNA0071305	90.7	0	38.31	90.01	TRUE	659,194	644	601	6	Chinese cohorts	MAG	human body	oral cavity
R0170300206_tooth_RA.megahit.bin.6	CNA0071307	97.67	0	50.61	89.51	TRUE	763,220	714	667	18	Chinese cohorts	MAG	human body	oral cavity

R0170300207_tooth_RA.megahit.bin.21	CNA0071308	97.67	0	34.03	89.34	TRUE	728,010	728	687	11	Chinese cohorts	MAG	human body	oral cavity
R0170300207_tooth_RA.megahit.bin.65	CNA0071310	90.7	0	51.04	88.92	TRUE	645,763	606	567	38	Chinese cohorts	MAG	human body	oral cavity
R0170300208_tooth_RA.megahit.bin.25	CNA0071311	93.02	2.33	48.80	91.23	TRUE	628,658	702	663	10	Chinese cohorts	MAG	human body	oral cavity
R0170300208_tooth_RA.megahit.bin.27	CNA0071313	100	0	40.15	89.79	TRUE	656,776	644	598	33	Chinese cohorts	MAG	human body	oral cavity
R0170300208_tooth_RA.megahit.bin.73	CNA0071314	90.7	0	37.20	91.09	TRUE	633,001	641	610	12	Chinese cohorts	MAG	human body	oral cavity
R0170300208_tooth_RA.megahit.bin.81	CNA0071316	95.35	0	34.02	89.74	TRUE	717,453	723	683	10	Chinese cohorts	MAG	human body	oral cavity
R0170300210_tooth_RA.megahit.bin.1	CNA0071317	97.67	0	37.40	91.42	TRUE	665,467	677	647	17	Chinese cohorts	MAG	human body	oral cavity
R0170300210_tooth_RA.megahit.bin.95	CNA0071319	95.35	2.33	49.87	90.83	TRUE	701,329	749	707	12	Chinese cohorts	MAG	human body	oral cavity
R0170300211_tooth_RA.megahit.bin.13	CNA0071320	95.35	2.33	36.74	89.59	TRUE	707,886	682	636	45	Chinese cohorts	MAG	human body	oral cavity
R0170300211_tooth_RA.megahit.bin.23	CNA0071322	97.67	0	34.08	89.44	TRUE	723,448	732	689	13	Chinese cohorts	MAG	human body	oral cavity
R0170300212_tooth_RA.megahit.bin.57	CNA0071323	93.02	0	33.97	90.16	TRUE	713,190	714	674	64	Chinese cohorts	MAG	human body	oral cavity
R0170300213_tooth_RA.megahit.bin.11	CNA0071325	93.02	0	42.77	91.30	TRUE	653,453	651	616	19	Chinese cohorts	MAG	human body	oral cavity
R0170300213_tooth_RA.megahit.bin.121	CNA0071326	97.67	0	35.11	90.48	TRUE	613,996	628	592	6	Chinese cohorts	MAG	human body	oral cavity
R0170300213_tooth_RA.megahit.bin.30	CNA0071328	93.02	2.33	51.58	91.16	TRUE	837,733	896	858	18	Chinese cohorts	MAG	human body	oral cavity
R0170300213_tooth_RA.megahit.bin.4	CNA0071329	97.67	0	34.10	89.94	TRUE	667,758	666	632	46	Chinese cohorts	MAG	human body	oral cavity
R0170300213_tooth_RA.megahit.bin.95	CNA0071331	95.35	0	37.60	91.04	TRUE	736,231	751	709	30	Chinese cohorts	MAG	human body	oral cavity
R0170300214_tooth_RA.megahit.bin.54	CNA0071332	93.02	0	34.46	91.76	TRUE	573,175	532	507	113	Chinese cohorts	MAG	human body	oral cavity
R0170300214_tooth_RA.megahit.bin.92	CNA0071334	95.35	2.33	50.30	89.68	TRUE	668,805	634	593	30	Chinese cohorts	MAG	human body	oral cavity
R0170300217_tooth_RA.megahit.bin.11	CNA0071335	100	0	35.31	90.46	TRUE	628,182	647	610	6	Chinese cohorts	MAG	human body	oral cavity
R0170300217_tooth_RA.megahit.bin.134	CNA0071336	97.67	0	33.97	89.70	TRUE	719,275	718	679	8	Chinese cohorts	MAG	human body	oral cavity
R0170300217_tooth_RA.megahit.bin.23	CNA0071338	93.02	0	42.51	91.42	TRUE	742,484	744	708	9	Chinese cohorts	MAG	human body	oral cavity
R0170300218_tooth_RA.megahit.bin.65	CNA0071339	100	0	38.12	90.90	TRUE	823,186	858	815	5	Chinese cohorts	MAG	human body	oral cavity
R0170300219_tooth_RA.megahit.bin.19	CNA0071341	100	2.33	48.74	90.48	TRUE	873,615	909	867	12	Chinese cohorts	MAG	human body	oral cavity
R0170300219_tooth_RA.megahit.bin.1	CNA0071342	95.35	0	34.08	89.58	TRUE	717,982	724	684	9	Chinese cohorts	MAG	human body	oral cavity
R0170300219_tooth_RA.megahit.bin.2	CNA0071344	100	0	38.16	90.95	TRUE	813,853	849	806	12	Chinese cohorts	MAG	human body	oral cavity
R0170300219_tooth_RA.megahit.bin.79	CNA0071345	100	2.33	47.70	91.71	TRUE	857,520	883	840	10	Chinese cohorts	MAG	human body	oral cavity
R0170300219_tooth_RA.megahit.bin.90	CNA0071347	90.7	0	50.59	88.94	TRUE	647,747	614	570	33	Chinese cohorts	MAG	human body	oral cavity
R0170300221_tooth_RA.megahit.bin.10	CNA0071348	100	0	37.79	90.73	TRUE	757,726	773	733	6	Chinese cohorts	MAG	human body	oral cavity
R0170300221_tooth_RA.megahit.bin.19	CNA0071350	95.35	2.33	49.17	91.01	TRUE	777,002	819	778	31	Chinese cohorts	MAG	human body	oral cavity
R0170300221_tooth_RA.megahit.bin.80	CNA0071351	100	4.65	46.46	90.59	TRUE	834,267	883	840	8	Chinese cohorts	MAG	human body	oral cavity
R0170300222_tooth_RA.megahit.bin.120	CNA0071352	95.35	0	37.39	91.66	TRUE	618,011	627	592	7	Chinese cohorts	MAG	human body	oral cavity
R0170300222_tooth_RA.megahit.bin.139	CNA0071354	100	4.65	46.60	90.99	TRUE	795,957	869	831	16	Chinese cohorts	MAG	human body	oral cavity
R0170300222_tooth_RA.megahit.bin.35	CNA0071355	93.02	2.33	49.14	90.44	TRUE	805,731	839	799	15	Chinese cohorts	MAG	human body	oral cavity
R0170300222_tooth_RA.megahit.bin.89	CNA0071357	97.67	0	50.36	89.55	TRUE	832,547	780	733	23	Chinese cohorts	MAG	human body	oral cavity
R0170300222_tooth_RA.megahit.bin.94	CNA0071358	100	0	52.27	86.12	TRUE	1,031,634	1055	1010	4	Chinese cohorts	MAG	human body	oral cavity
R0170300223_tooth_RA.megahit.bin.10	CNA0071359	97.67	0	41.16	89.65	TRUE	803,925	785	741	16	Chinese cohorts	MAG	human body	oral cavity
R0170300223_tooth_RA.megahit.bin.112	CNA0071361	95.35	0	37.00	91.75	TRUE	608,071	608	570	48	Chinese cohorts	MAG	human body	oral cavity
R0170300223_tooth_RA.megahit.bin.25	CNA0071362	93.02	0	38.26	90.11	TRUE	718,799	712	666	32	Chinese cohorts	MAG	human body	oral cavity
R0170300223_tooth_RA.megahit.bin.44	CNA0071364	97.67	0	34.09	89.89	TRUE	739,945	737	696	14	Chinese cohorts	MAG	human body	oral cavity
R0170300223_tooth_RA.megahit.bin.80	CNA0071365	93.02	0	36.56	89.64	TRUE	719,521	706	669	63	Chinese cohorts	MAG	human body	oral cavity
R0170300224_tooth_RA.megahit.bin.6	CNA0071367	90.7	4.65	38.13	91.00	TRUE	587,214	626	592	9	Chinese cohorts	MAG	human body	oral cavity
R0170300224_tooth_RA.megahit.bin.94	CNA0071368	95.35	0	38.28	89.97	TRUE	707,761	697	652	11	Chinese cohorts	MAG	human body	oral cavity
R0170300226_tooth_RA.megahit.bin.18	CNA0071370	100	4.65	38.16	90.47	TRUE	837,855	860	814	23	Chinese cohorts	MAG	human body	oral cavity
R0170300228_tooth_RA.megahit.bin.112	CNA0071371	100	4.65	38.42	90.77	TRUE	849,246	893	843	8	Chinese cohorts	MAG	human body	oral cavity
R0170300228_tooth_RA.megahit.bin.36	CNA0071373	90.7	0	50.87	89.43	TRUE	589,511	550	515	42	Chinese cohorts	MAG	human body	oral cavity
R0170300229_tooth_RA.megahit.bin.108	CNA0071374	100	0	39.69	89.51	TRUE	792,119	791	741	7	Chinese cohorts	MAG	human body	oral cavity
R0170300229_tooth_RA.megahit.bin.46	CNA0071376	100	0	38.00	90.89	TRUE	783,365	788	745	18	Chinese cohorts	MAG	human body	oral cavity
R0170300229_tooth_RA.megahit.bin.48	CNA0071377	100	4.65	46.66	90.74	TRUE	795,894	845	801	19	Chinese cohorts	MAG	human body	oral cavity
R0170300230_tooth_RA.megahit.bin.36	CNA0071379	97.67	0	39.85	89.54	TRUE	738,798	724	676	18	Chinese cohorts	MAG	human body	oral cavity
R0170300231_tooth_RA.megahit.bin.10	CNA0071380	100	0	38.32	90.50	TRUE	861,547	888	844	22	Chinese cohorts	MAG	human body	oral cavity
R0170300231_tooth_RA.megahit.bin.16	CNA0071382	97.67	0	50.46	91.96	TRUE	774,240	841	803	18	Chinese cohorts	MAG	human body	oral cavity
R0170300232_tooth_RA.megahit.bin.10	CNA0071384	95.35	0	50.19	89.91	TRUE	773,709	725	678	22	Chinese cohorts	MAG	human body	oral cavity
R0170300232_tooth_RA.megahit.bin.71	CNA0071385	95.35	0	35.44	90.04	TRUE	578,926	609	575	8	Chinese cohorts	MAG	human body	oral cavity
R0170300233_tooth_RA.megahit.bin.80	CNA0071387	97.67	0	36.69	88.93	TRUE	753,803	751	702	27	Chinese cohorts	MAG	human body	oral cavity
R0170300235_tooth_RAH.megahit.bin.27	CNA0071388	100	0	39.74	89.48	TRUE	746,566	735	688	10	Chinese cohorts	MAG	human body	oral cavity
R0170300235_tooth_RAH.megahit.bin.34	CNA0071390	95.35	2.33	38.37	91.22	TRUE	838,544	859	816	33	Chinese cohorts	MAG	human body	oral cavity
R0170300235_tooth_RAH.megahit.bin.85	CNA0071391	97.67	0	34.06	89.49	TRUE	724,242	717	676	17	Chinese cohorts	MAG	human body	oral cavity
R0170300236_tooth_RAH.megahit.bin.77	CNA0071393	93.02	0	34.63	91.34	TRUE	578,976	544	518	114	Chinese cohorts	MAG	human body	oral cavity
R0170300239_tooth_RAH.megahit.bin.64	CNA0071394	97.67	0	34.28	89.69	TRUE	663,045	645	607	63	Chinese cohorts	MAG	human body	oral cavity
R0170300239_tooth_RAH.megahit.bin.85	CNA0071396	100	0	39.77	89.69	TRUE	803,818	800	753	17	Chinese cohorts	MAG	human body	oral cavity
R0170300240_tooth_RAH.megahit.bin.61	CNA0071397	95.35	0	38.00	91.76	TRUE	711,059	714	681	20	Chinese cohorts	MAG	human body	oral cavity
R0170300241_tooth_RAH.megahit.bin.28	CNA0071399	100	0	52.38	85.94	TRUE	848,134	890	854	80	Chinese cohorts	MAG	human body	oral cavity
R0170300241_tooth_RAH.megahit.bin.63	CNA0071400	97.67	0	37.78	90.53	TRUE	708,287	719	680	10	Chinese cohorts	MAG	human body	oral cavity
R0170300242_tooth_RAH.megahit.bin.82	CNA0071402	97.67	0	38.53	90.28	TRUE	840,101	852	803	32	Chinese cohorts	MAG	human body	oral cavity
R0170300242_tooth_RAH.megahit.bin.95	CNA0071404	97.67	0	49.52	90.71	TRUE	725,337	761	722	18	Chinese cohorts	MAG	human body	oral cavity
R0170300244_tooth_RAH.megahit.bin.80	CNA0071405	100	0	38.13	90.54	TRUE	771,565	796	751	34	Chinese cohorts	MAG	human body	oral cavity
R0170300246_tooth_RAH.megahit.bin.19	CNA0071407	100	4.65	46.66	90.62	TRUE	822,339	869	827	22	Chinese cohorts	MAG	human body	oral cavity
R0170300247_tooth_RAH.megahit.bin.77	CNA0071408	95.35	2.33	38.35	90.86	TRUE	781,071	801	763	12	Chinese cohorts	MAG	human body	oral cavity
R0170300248_tooth_RAH.megahit.bin.109	CNA0071410	97.67	0	42.77	90.84	TRUE	697,036	703	668	36	Chinese cohorts	MAG	human body	oral cavity
R0170300249_tooth_RAH.megahit.bin.103	CNA0071411	100	0	41.47	89.10	TRUE	803,586	765	721	18	Chinese cohorts	MAG	human body	oral cavity
R0170300249_tooth_RAH.megahit.bin.28	CNA0071413	97.67	0	42.62	90.71	TRUE	687,687	679	643	39	Chinese cohorts	MAG	human body	oral cavity
R0170300249_tooth_RAH.megahit.bin.3	CNA0071414	90.7	0	37.16	91.14	TRUE	651,717	665	621	52	Chinese cohorts	MAG	human body	oral cavity
R0170300250_tooth_RAH.megahit.bin.53	CNA0071416	90.7	2.33	38.19	91.95	TRUE	631,272	631	603	114	Chinese cohorts	MAG	human body	oral cavity
R0170300251_tooth_RAH.megahit.bin.14	CNA0071417	100	2.33	48.98	90.45	TRUE	886,581	926	882	11	Chinese cohorts	MAG	human body	oral cavity
R0170300251_tooth_RAH.megahit.bin.31	CNA0071418	97.67	0	37.49	90.96	TRUE	741,323	747	705	34	Chinese cohorts	MAG	human body	oral cavity
R0170300251_tooth_RAH.megahit.bin.36	CNA0071420	97.67	0	50.54	89.70	TRUE	815,394	759	711	24	Chinese cohorts	MAG	human body	oral cavity
R0170300251_tooth_RAH.megahit.bin.7	CNA0071421	100	2.33	46.78	90.84	TRUE	770,482	834	795	10	Chinese cohorts	MAG	human body	oral cavity
R0170300251_tooth_RAH.megahit.bin.83	CNA0071423	97.67	0	34.47	91.08	TRUE	628,541	593	562	118	Chinese cohorts	MAG	human body	oral cavity
R0170300252_tooth_RAH.megahit.bin.31	CNA0071424	90.7	0	37.58	92.19	TRUE	684,624	689	648	44	Chinese cohorts	MAG	human body	oral cavity
R0170300252_tooth_RAH.megahit.bin.32	CNA0071426	95.35	0	50.92	89.71	TRUE	708,140	658	614	31	Chinese cohorts	MAG	human body	oral cavity
R0170300252_tooth_RAH.megahit.bin.46	CNA0071427	95.35	0	33.99	89.72	TRUE	715,951	725	686	48	Chinese cohorts	MAG	human body	oral cavity

R0170300252_tooth_RAH.megahit.bin.79	CNA0071429	97.67	0	38.31	89.37	TRUE	708,727	689	642	11	Chinese cohorts	MAG	human body	oral cavity
R0170300252_tooth_RAH.megahit.bin.91	CNA0071430	97.67	0	51.29	85.87	TRUE	1,056,105	1109	1065	22	Chinese cohorts	MAG	human body	oral cavity
R0170300253_tooth_RAH.megahit.bin.118	CNA0071432	100	0	37.87	91.00	TRUE	770,598	785	744	17	Chinese cohorts	MAG	human body	oral cavity
R0170300253_tooth_RAH.megahit.bin.13	CNA0071434	95.35	0	51.59	85.44	TRUE	1,039,128	1077	1036	48	Chinese cohorts	MAG	human body	oral cavity
R0170300253_tooth_RAH.megahit.bin.35	CNA0071435	90.7	4.65	49.17	90.25	TRUE	856,974	882	833	33	Chinese cohorts	MAG	human body	oral cavity
R0170300254_tooth_RAH.megahit.bin.128	CNA0071437	90.7	0	52.67	85.78	TRUE	868,936	900	858	41	Chinese cohorts	MAG	human body	oral cavity
R0170300254_tooth_RAH.megahit.bin.23	CNA0071438	90.7	2.33	48.56	91.42	TRUE	569,087	604	575	13	Chinese cohorts	MAG	human body	oral cavity
R0170300254_tooth_RAH.megahit.bin.48	CNA0071440	97.67	2.33	38.36	90.12	TRUE	704,476	702	658	32	Chinese cohorts	MAG	human body	oral cavity
R0170300254_tooth_RAH.megahit.bin.73	CNA0071441	95.35	0	34.40	90.50	TRUE	621,331	614	583	98	Chinese cohorts	MAG	human body	oral cavity
R0170300255_tooth_RAH.megahit.bin.7	CNA0071443	95.35	0	50.68	89.79	TRUE	758,834	715	671	60	Chinese cohorts	MAG	human body	oral cavity
R0170300255_tooth_RAH.megahit.bin.83	CNA0071444	97.67	0	37.47	90.73	TRUE	705,787	715	679	8	Chinese cohorts	MAG	human body	oral cavity
R0170300256_tooth_RAH.megahit.bin.10	CNA0071446	100	2.33	48.03	91.18	TRUE	764,869	816	772	39	Chinese cohorts	MAG	human body	oral cavity
R0170300257_tooth_RAH.megahit.bin.108	CNA0071447	97.67	0	51.36	85.29	TRUE	1,076,847	1137	1094	18	Chinese cohorts	MAG	human body	oral cavity
R0170300257_tooth_RAH.megahit.bin.13	CNA0071449	90.7	0	33.89	88.36	TRUE	580,054	595	564	4	Chinese cohorts	MAG	human body	oral cavity
R0170300257_tooth_RAH.megahit.bin.54	CNA0071450	93.02	4.65	37.29	91.90	TRUE	685,795	704	659	40	Chinese cohorts	MAG	human body	oral cavity
R0170300257_tooth_RAH.megahit.bin.65	CNA0071452	95.35	2.33	49.54	91.16	TRUE	745,373	766	725	23	Chinese cohorts	MAG	human body	oral cavity
R0170300258_tooth_RAH.megahit.bin.41	CNA0071453	100	2.33	52.16	85.70	TRUE	993,271	1047	1001	65	Chinese cohorts	MAG	human body	oral cavity
R0170300258_tooth_RAH.megahit.bin.73	CNA0071455	93.02	2.33	34.53	91.73	TRUE	570,846	533	506	124	Chinese cohorts	MAG	human body	oral cavity
R0170300258_tooth_RAH.megahit.bin.9	CNA0071456	90.7	0	38.36	89.57	TRUE	626,026	626	588	6	Chinese cohorts	MAG	human body	oral cavity
R0170300259_tooth_RAH.megahit.bin.10	CNA0071458	97.67	0	37.50	90.96	TRUE	700,245	717	679	6	Chinese cohorts	MAG	human body	oral cavity
R0170300260_tooth_RAH.megahit.bin.14	CNA0071459	97.67	0	34.07	89.47	TRUE	720,813	720	682	13	Chinese cohorts	MAG	human body	oral cavity
R0170300260_tooth_RAH.megahit.bin.16	CNA0071461	97.67	2.33	52.03	90.06	TRUE	884,036	935	891	30	Chinese cohorts	MAG	human body	oral cavity
R0170300261_tooth_RAH.megahit.bin.18	CNA0071462	95.35	0	52.04	92.02	TRUE	693,336	746	709	14	Chinese cohorts	MAG	human body	oral cavity
R0170300262_tooth_RAH.megahit.bin.134	CNA0071464	97.67	0	37.40	91.04	TRUE	651,154	656	618	18	Chinese cohorts	MAG	human body	oral cavity
R0170300263_tooth_RAH.megahit.bin.26	CNA0071465	97.67	0	50.71	89.13	TRUE	736,135	694	650	31	Chinese cohorts	MAG	human body	oral cavity
R0170300264_tooth_RAH.megahit.bin.17	CNA0071467	100	0	40.35	89.99	TRUE	751,815	730	683	7	Chinese cohorts	MAG	human body	oral cavity
R0170300265_tooth_RAH.megahit.bin.100	CNA0071468	95.35	4.65	49.72	90.39	TRUE	717,706	760	719	7	Chinese cohorts	MAG	human body	oral cavity
R0170300265_tooth_RAH.megahit.bin.69	CNA0071469	90.7	2.33	37.93	92.10	TRUE	679,307	677	640	26	Chinese cohorts	MAG	human body	oral cavity
R0170300266_tooth_RAH.megahit.bin.12	CNA0071471	90.7	0	38.20	90.75	TRUE	678,270	693	662	6	Chinese cohorts	MAG	human body	oral cavity
R0170300266_tooth_RAH.megahit.bin.13	CNA0071473	97.67	0	33.96	89.51	TRUE	723,719	718	678	19	Chinese cohorts	MAG	human body	oral cavity
R0170300266_tooth_RAH.megahit.bin.24	CNA0071474	93.02	0	51.01	90.65	TRUE	641,486	594	556	46	Chinese cohorts	MAG	human body	oral cavity
R0170300266_tooth_RAH.megahit.bin.30	CNA0071476	97.67	2.33	48.57	90.38	TRUE	720,716	749	708	27	Chinese cohorts	MAG	human body	oral cavity
R0170300267_tooth_RAH.megahit.bin.18	CNA0071477	90.7	0	50.80	89.00	TRUE	719,519	707	664	42	Chinese cohorts	MAG	human body	oral cavity
R0170300267_tooth_RAH.megahit.bin.31	CNA0071479	100	0	37.82	90.98	TRUE	704,098	728	690	10	Chinese cohorts	MAG	human body	oral cavity
R0170300267_tooth_RAH.megahit.bin.37	CNA0071480	100	4.65	47.73	91.65	TRUE	857,850	901	857	6	Chinese cohorts	MAG	human body	oral cavity
R0170300267_tooth_RAH.megahit.bin.64	CNA0071482	100	2.33	48.86	90.80	TRUE	871,200	913	871	7	Chinese cohorts	MAG	human body	oral cavity
R0170300268_tooth_RAH.megahit.bin.104	CNA0071483	100	2.33	38.24	89.99	TRUE	773,403	794	746	10	Chinese cohorts	MAG	human body	oral cavity
R0170300268_tooth_RAH.megahit.bin.13	CNA0071485	97.67	4.65	49.14	91.21	TRUE	814,210	858	813	27	Chinese cohorts	MAG	human body	oral cavity
R0170300269_tooth_RAH.megahit.bin.127	CNA0071486	97.67	0	38.35	89.35	TRUE	739,489	732	685	15	Chinese cohorts	MAG	human body	oral cavity
R0170300269_tooth_RAH.megahit.bin.29	CNA0071488	97.67	0	34.00	89.41	TRUE	739,818	730	689	17	Chinese cohorts	MAG	human body	oral cavity
R0170300269_tooth_RAH.megahit.bin.4	CNA0071489	97.67	0	37.83	90.54	TRUE	788,748	813	770	27	Chinese cohorts	MAG	human body	oral cavity
R0170300269_tooth_RAH.megahit.bin.68	CNA0071491	100	2.33	49.07	90.34	TRUE	835,508	876	831	25	Chinese cohorts	MAG	human body	oral cavity
R0170300270_tooth_RAH.megahit.bin.24	CNA0071492	100	4.65	37.83	90.90	TRUE	748,097	771	726	23	Chinese cohorts	MAG	human body	oral cavity
R0170300270_tooth_RAH.megahit.bin.32	CNA0071494	90.7	0	50.89	89.57	TRUE	530,120	531	490	46	Chinese cohorts	MAG	human body	oral cavity
R0170300270_tooth_RAH.megahit.bin.51	CNA0071496	95.35	0	34.06	90.24	TRUE	715,597	722	686	52	Chinese cohorts	MAG	human body	oral cavity
R0170300271_tooth_RAH.megahit.bin.109	CNA0071497	97.67	0	34.03	89.98	TRUE	697,526	699	661	46	Chinese cohorts	MAG	human body	oral cavity
R0170300271_tooth_RAH.megahit.bin.16	CNA0071499	97.67	0	40.12	89.53	TRUE	785,983	749	700	22	Chinese cohorts	MAG	human body	oral cavity
R0170300271_tooth_RAH.megahit.bin.21	CNA0071501	93.02	0	37.96	91.59	TRUE	721,995	739	703	25	Chinese cohorts	MAG	human body	oral cavity
R0170300271_tooth_RAH.megahit.bin.84	CNA0071503	97.67	0	43.47	91.35	TRUE	654,706	668	622	25	Chinese cohorts	MAG	human body	oral cavity
R0170300271_tooth_RAH.megahit.bin.97	CNA0071505	97.67	0	51.57	85.61	TRUE	1,024,191	1066	1022	45	Chinese cohorts	MAG	human body	oral cavity
R0170300272_tooth_RAH.megahit.bin.12	CNA0071507	100	0	48.34	89.15	TRUE	721,947	727	690	6	Chinese cohorts	MAG	human body	oral cavity
R0170300272_tooth_RAH.megahit.bin.14	CNA0071508	93.02	0	50.95	89.62	TRUE	687,377	626	591	31	Chinese cohorts	MAG	human body	oral cavity
R0170300272_tooth_RAH.megahit.bin.25	CNA0071510	100	0	37.67	90.52	TRUE	729,718	745	704	26	Chinese cohorts	MAG	human body	oral cavity
R0170300272_tooth_RAH.megahit.bin.68	CNA0071512	97.67	0	39.64	89.98	TRUE	663,378	646	604	49	Chinese cohorts	MAG	human body	oral cavity
R0170300272_tooth_RAH.megahit.bin.87	CNA0071514	100	2.33	49.10	90.24	TRUE	853,856	886	842	16	Chinese cohorts	MAG	human body	oral cavity
R0170300273_tooth_RAH.megahit.bin.122	CNA0071516	93.02	2.33	37.76	90.00	TRUE	662,213	691	651	11	Chinese cohorts	MAG	human body	oral cavity
R0170300274_tooth_RAH.megahit.bin.17	CNA0071517	100	0	37.68	90.54	TRUE	760,827	768	722	34	Chinese cohorts	MAG	human body	oral cavity
R0170300274_tooth_RAH.megahit.bin.32	CNA0071519	97.67	2.33	51.64	90.20	TRUE	882,149	935	894	41	Chinese cohorts	MAG	human body	oral cavity
R0170300274_tooth_RAH.megahit.bin.88	CNA0071521	100	0	39.92	89.70	TRUE	735,556	739	682	30	Chinese cohorts	MAG	human body	oral cavity
R0170300276_tooth_RAH.megahit.bin.19	CNA0069637	95.35	2.33	34.17	90.35	TRUE	614,667	608	578	104	Chinese cohorts	MAG	human body	oral cavity
R0170300276_tooth_RAH.megahit.bin.88	CNA0069638	97.67	0	50.60	88.62	TRUE	780,999	740	692	33	Chinese cohorts	MAG	human body	oral cavity
R0170300277_tooth_RAH.megahit.bin.101	CNA0069639	97.67	0	37.22	91.65	TRUE	657,605	668	630	36	Chinese cohorts	MAG	human body	oral cavity
R0170300277_tooth_RAH.megahit.bin.4	CNA0069640	97.67	0	38.38	89.82	TRUE	700,860	683	636	13	Chinese cohorts	MAG	human body	oral cavity
R0170300277_tooth_RAH.megahit.bin.80	CNA0069641	93.02	0	50.96	90.14	TRUE	661,811	635	594	59	Chinese cohorts	MAG	human body	oral cavity
R0170300278_tooth_RAH.megahit.bin.14	CNA0069642	97.67	0	34.05	89.99	TRUE	718,719	709	670	25	Chinese cohorts	MAG	human body	oral cavity
R0170300279_tooth_RAH.megahit.bin.111	CNA0069643	95.35	2.33	46.63	91.00	TRUE	746,456	795	756	6	Chinese cohorts	MAG	human body	oral cavity
R0170300279_tooth_RAH.megahit.bin.27	CNA0069644	97.67	0	37.57	90.93	TRUE	683,908	689	652	11	Chinese cohorts	MAG	human body	oral cavity
R0170300279_tooth_RAH.megahit.bin.30	CNA0069645	90.7	0	50.41	89.89	TRUE	652,373	636	599	19	Chinese cohorts	MAG	human body	oral cavity
R0170300279_tooth_RAH.megahit.bin.3	CNA0069646	97.67	0	38.18	90.13	TRUE	725,956	721	676	8	Chinese cohorts	MAG	human body	oral cavity
R0170300279_tooth_RAH.megahit.bin.93	CNA0069647	97.67	0	42.52	90.71	TRUE	694,676	701	658	15	Chinese cohorts	MAG	human body	oral cavity
R0170300280_tooth_RAH.megahit.bin.16	CNA0069648	97.67	0	38.43	90.27	TRUE	706,702	679	633	26	Chinese cohorts	MAG	human body	oral cavity
R0170300281_tooth_RAH.megahit.bin.128	CNA0069649	100	2.33	38.14	91.31	TRUE	774,359	784	746	25	Chinese cohorts	MAG	human body	oral cavity
R0170300281_tooth_RAH.megahit.bin.27	CNA0069650	97.67	0	41.62	89.42	TRUE	772,356	736	690	20	Chinese cohorts	MAG	human body	oral cavity
R0170300282_tooth_RAH.megahit.bin.15	CNA0069651	97.67	0	50.56	89.84	TRUE	806,676	757	709	28	Chinese cohorts	MAG	human body	oral cavity
R0170300282_tooth_RAH.megahit.bin.3	CNA0069652	100	0	52.01	85.87	TRUE	1,017,905	1048	1004	5	Chinese cohorts	MAG	human body	oral cavity
R0170300283_tooth_RAH.megahit.bin.67	CNA0069653	93.02	4.65	49.41	90.74	TRUE	751,051	784	745	13	Chinese cohorts	MAG	human body	oral cavity
R0170300283_tooth_RAH.megahit.bin.89	CNA0069654	97.67	0	37.73	91.28	TRUE	669,416	678	642	11	Chinese cohorts	MAG	human body	oral cavity
R0170300284_tooth_RAH.megahit.bin.10	CNA0069655	100	0	37.98	90.89	TRUE	797,833	821	778	14	Chinese cohorts	MAG	human body	oral cavity
R0170300284_tooth_RAH.megahit.bin.22	CNA0069656	93.02	4.65	49.37	90.31	TRUE	712,728	734	695	36	Chinese cohorts	MAG	human body	oral cavity
R0170300285_tooth_RAH.megahit.bin.21	CNA0069657	95.35	0	50.92	89.41	TRUE	745,431	700	654	22	Chinese cohorts	MAG	human body	oral cavity
R0170300285_tooth_RAH.megahit.bin.44	CNA0069658	97.67	2.33	47.45	87.62	TRUE	838,297	869	830	43	Chinese cohorts	MAG	human body	oral cavity

R0170300285_tooth_RAH.megahit.bin.48	CNA0069659	97.67	0	38.35	89.51	TRUE	732,439	736	689	30	Chinese cohorts	MAG	human body	oral cavity
R0170300285_tooth_RAH.megahit.bin.82	CNA0069660	100	0	51.57	85.63	TRUE	1,063,626	1096	1054	13	Chinese cohorts	MAG	human body	oral cavity
R0170300285_tooth_RAH.megahit.bin.89	CNA0069661	100	0	38.35	90.81	TRUE	829,160	852	810	10	Chinese cohorts	MAG	human body	oral cavity
R0170300287_tooth_RAH.megahit.bin.130	CNA0069662	97.67	2.33	46.88	91.39	TRUE	779,841	822	785	28	Chinese cohorts	MAG	human body	oral cavity
R0170300287_tooth_RAH.megahit.bin.150	CNA0069663	100	0	39.57	90.67	TRUE	730,924	733	688	20	Chinese cohorts	MAG	human body	oral cavity
R0170300287_tooth_RAH.megahit.bin.151	CNA0069664	95.35	0	50.96	89.78	TRUE	698,440	646	606	22	Chinese cohorts	MAG	human body	oral cavity
R0170300287_tooth_RAH.megahit.bin.57	CNA0069665	97.67	0	34.03	89.93	TRUE	705,538	707	666	34	Chinese cohorts	MAG	human body	oral cavity
R0170300288_tooth_RAH.megahit.bin.22	CNA0069666	90.7	2.33	38.40	89.80	TRUE	719,123	699	652	31	Chinese cohorts	MAG	human body	oral cavity
R0170300288_tooth_RAH.megahit.bin.34	CNA0069667	95.35	0	38.24	90.61	TRUE	779,707	803	761	18	Chinese cohorts	MAG	human body	oral cavity
R0170300288_tooth_RAH.megahit.bin.40	CNA0069668	95.35	2.33	50.81	89.37	TRUE	687,383	643	603	41	Chinese cohorts	MAG	human body	oral cavity
R0170300289_tooth_RAH.megahit.bin.36	CNA0069669	95.35	2.33	37.77	91.46	TRUE	665,377	676	638	18	Chinese cohorts	MAG	human body	oral cavity
R0170300289_tooth_RAH.megahit.bin.75	CNA0069670	100	4.65	47.01	91.30	TRUE	910,691	959	920	104	Chinese cohorts	MAG	human body	oral cavity
R0170300290_tooth_RAH.megahit.bin.111	CNA0069671	97.67	0	33.90	90.49	TRUE	686,766	706	666	67	Chinese cohorts	MAG	human body	oral cavity
R0170300290_tooth_RAH.megahit.bin.12	CNA0069672	90.7	0	51.51	90.41	TRUE	508,663	468	434	40	Chinese cohorts	MAG	human body	oral cavity
R0170300291_tooth_RAH.megahit.bin.75	CNA0069673	100	0	37.93	90.95	TRUE	765,758	792	751	16	Chinese cohorts	MAG	human body	oral cavity
R0170300291_tooth_RAH.megahit.bin.82	CNA0069674	97.67	0	34.06	89.94	TRUE	727,144	723	683	22	Chinese cohorts	MAG	human body	oral cavity
R0170300292_tooth_RAH.megahit.bin.19	CNA0069675	100	0	42.16	92.57	TRUE	624,063	644	601	13	Chinese cohorts	MAG	human body	oral cavity
R0170300292_tooth_RAH.megahit.bin.27	CNA0069676	97.67	0	33.97	90.37	TRUE	678,162	679	639	61	Chinese cohorts	MAG	human body	oral cavity
R0170300293_tooth_RAH.megahit.bin.118	CNA0069677	95.35	2.33	38.91	91.58	TRUE	838,765	873	826	24	Chinese cohorts	MAG	human body	oral cavity
R0170300293_tooth_RAH.megahit.bin.36	CNA0069678	93.02	2.33	52.51	90.30	TRUE	674,846	726	691	19	Chinese cohorts	MAG	human body	oral cavity
R0170300294_tooth_RAH.megahit.bin.112	CNA0069679	90.7	0	38.58	90.21	TRUE	567,995	549	514	11	Chinese cohorts	MAG	human body	oral cavity
R0170300294_tooth_RAH.megahit.bin.12	CNA0069680	97.67	0	40.05	90.05	TRUE	772,981	761	716	27	Chinese cohorts	MAG	human body	oral cavity
R0170300294_tooth_RAH.megahit.bin.42	CNA0069681	97.67	0	34.10	90.23	TRUE	685,467	680	642	31	Chinese cohorts	MAG	human body	oral cavity
R0170300294_tooth_RAH.megahit.bin.65	CNA0069682	97.67	0	37.15	91.56	TRUE	680,600	681	640	50	Chinese cohorts	MAG	human body	oral cavity
R0170300295_tooth_RAH.megahit.bin.55	CNA0069683	100	0	51.09	85.58	TRUE	1,080,040	1137	1094	10	Chinese cohorts	MAG	human body	oral cavity
R0170300296_tooth_RAH.megahit.bin.125	CNA0069684	90.7	0	37.67	92.06	TRUE	701,928	718	683	45	Chinese cohorts	MAG	human body	oral cavity
R0170300296_tooth_RAH.megahit.bin.95	CNA0069685	100	0	35.44	90.35	TRUE	660,003	695	659	15	Chinese cohorts	MAG	human body	oral cavity
R0170300297_tooth_RAH.megahit.bin.78	CNA0069686	97.67	2.33	37.87	91.09	TRUE	750,892	770	736	16	Chinese cohorts	MAG	human body	oral cavity
R0170300298_tooth_RAH.megahit.bin.124	CNA0069687	100	2.33	40.13	90.02	TRUE	842,163	824	778	25	Chinese cohorts	MAG	human body	oral cavity
R0170300298_tooth_RAH.megahit.bin.126	CNA0069688	97.67	2.33	48.41	89.02	TRUE	695,989	704	669	27	Chinese cohorts	MAG	human body	oral cavity
R0170300298_tooth_RAH.megahit.bin.133	CNA0069689	100	2.33	52.05	90.29	TRUE	818,582	875	833	24	Chinese cohorts	MAG	human body	oral cavity
R0170300298_tooth_RAH.megahit.bin.8	CNA0069690	97.67	0	37.68	91.43	TRUE	701,596	721	678	33	Chinese cohorts	MAG	human body	oral cavity
R0170300299_tooth_RAH.megahit.bin.100	CNA0069691	100	0	51.16	85.42	TRUE	1,105,940	1144	1098	11	Chinese cohorts	MAG	human body	oral cavity
R0170300299_tooth_RAH.megahit.bin.97	CNA0069692	100	2.33	37.88	90.45	TRUE	771,641	794	758	8	Chinese cohorts	MAG	human body	oral cavity
R0170300300_tooth_RAH.megahit.bin.146	CNA0069693	100	2.33	37.78	91.06	TRUE	744,534	758	722	20	Chinese cohorts	MAG	human body	oral cavity
R0170300300_tooth_RAH.megahit.bin.1	CNA0069694	95.35	0	34.35	89.93	TRUE	706,845	699	660	62	Chinese cohorts	MAG	human body	oral cavity
R0170300301_tooth_RAH.megahit.bin.77	CNA0069695	100	0	37.83	90.99	TRUE	710,638	748	709	11	Chinese cohorts	MAG	human body	oral cavity
R0170300301_tooth_RAH.megahit.bin.99	CNA0069696	95.35	2.33	49.22	90.70	TRUE	820,761	873	828	9	Chinese cohorts	MAG	human body	oral cavity
R0170300302_tooth_RAH.megahit.bin.114	CNA0069697	97.67	0	36.96	89.94	TRUE	856,138	854	800	39	Chinese cohorts	MAG	human body	oral cavity
R0170300302_tooth_RAH.megahit.bin.125	CNA0069698	100	4.65	46.70	90.63	TRUE	838,908	895	854	18	Chinese cohorts	MAG	human body	oral cavity
R0170300302_tooth_RAH.megahit.bin.56	CNA0069699	95.35	0	51.03	88.52	TRUE	668,028	617	574	27	Chinese cohorts	MAG	human body	oral cavity
R0170300302_tooth_RAH.megahit.bin.78	CNA0069700	95.35	0	51.68	85.97	TRUE	1,039,670	1074	1032	35	Chinese cohorts	MAG	human body	oral cavity
R0170300303_tooth_RAH.megahit.bin.143	CNA0069701	95.35	0	50.79	89.25	TRUE	701,278	655	613	28	Chinese cohorts	MAG	human body	oral cavity
R0170300303_tooth_RAH.megahit.bin.144	CNA0069702	97.67	0	37.76	90.96	TRUE	734,694	752	711	22	Chinese cohorts	MAG	human body	oral cavity
R0170300303_tooth_RAH.megahit.bin.161	CNA0069703	95.35	0	34.27	90.07	TRUE	688,662	679	643	81	Chinese cohorts	MAG	human body	oral cavity
R0170300303_tooth_RAH.megahit.bin.44	CNA0069704	95.35	0	42.49	90.89	TRUE	666,965	670	633	24	Chinese cohorts	MAG	human body	oral cavity
R0170300303_tooth_RAH.megahit.bin.49	CNA0069705	97.67	0	38.17	89.38	TRUE	735,566	723	673	8	Chinese cohorts	MAG	human body	oral cavity
R0170300304_tooth_RAH.megahit.bin.45	CNA0069706	100	0	47.38	91.13	TRUE	871,079	938	893	16	Chinese cohorts	MAG	human body	oral cavity
R0170300305_tooth_RAH.megahit.bin.21	CNA0069707	93.02	0	37.30	91.76	TRUE	638,149	645	605	61	Chinese cohorts	MAG	human body	oral cavity
R0170300305_tooth_RAH.megahit.bin.5	CNA0069708	100	0	35.28	90.65	TRUE	658,932	687	651	7	Chinese cohorts	MAG	human body	oral cavity
R0170300306_tooth_RAH.megahit.bin.102	CNA0069709	95.35	0	42.57	91.74	TRUE	681,415	687	649	13	Chinese cohorts	MAG	human body	oral cavity
R0170300306_tooth_RAH.megahit.bin.130	CNA0069710	90.7	0	37.18	91.64	TRUE	608,437	620	586	24	Chinese cohorts	MAG	human body	oral cavity
R0170300306_tooth_RAH.megahit.bin.30	CNA0069711	97.67	4.65	51.88	90.71	TRUE	839,927	904	859	23	Chinese cohorts	MAG	human body	oral cavity
R0170300306_tooth_RAH.megahit.bin.34	CNA0069712	97.67	0	46.79	91.45	TRUE	776,987	806	772	50	Chinese cohorts	MAG	human body	oral cavity
R0170300307_tooth_RAH.megahit.bin.81	CNA0069713	100	2.33	48.81	90.20	TRUE	851,119	887	843	20	Chinese cohorts	MAG	human body	oral cavity
R0170300308_tooth_RAH.megahit.bin.44	CNA0069714	100	2.33	47.93	91.57	TRUE	808,441	850	806	25	Chinese cohorts	MAG	human body	oral cavity
R0170300308_tooth_RAH.megahit.bin.62	CNA0069715	93.02	2.33	51.11	90.59	TRUE	649,297	618	583	106	Chinese cohorts	MAG	human body	oral cavity
R0170300309_tooth_RAH.megahit.bin.15	CNA0069716	97.67	0	50.04	89.29	TRUE	807,017	766	718	32	Chinese cohorts	MAG	human body	oral cavity
R0170300309_tooth_RAH.megahit.bin.66	CNA0069717	97.67	0	37.23	91.12	TRUE	654,915	668	633	12	Chinese cohorts	MAG	human body	oral cavity
R0170300309_tooth_RAH.megahit.bin.70	CNA0069718	95.35	0	47.33	91.53	TRUE	823,181	881	841	44	Chinese cohorts	MAG	human body	oral cavity
R0170300310_tooth_RAH.megahit.bin.34	CNA0069719	93.02	0	50.87	89.87	TRUE	721,033	671	630	20	Chinese cohorts	MAG	human body	oral cavity
R0170300311_tooth_RAH.megahit.bin.11	CNA0069720	95.35	2.33	49.17	90.48	TRUE	799,235	838	795	7	Chinese cohorts	MAG	human body	oral cavity
R0170300311_tooth_RAH.megahit.bin.87	CNA0069721	90.7	0	37.25	91.38	TRUE	636,667	654	614	29	Chinese cohorts	MAG	human body	oral cavity
R0170300311_tooth_RAH.megahit.bin.92	CNA0069722	90.7	0	50.74	90.24	TRUE	674,780	643	605	27	Chinese cohorts	MAG	human body	oral cavity
R0170300312_tooth_RAH.megahit.bin.31	CNA0069723	95.35	0	35.43	90.93	TRUE	595,146	622	590	33	Chinese cohorts	MAG	human body	oral cavity
R0170300313_tooth_RAH.megahit.bin.102	CNA0069724	97.67	0	38.31	90.13	TRUE	722,769	718	672	24	Chinese cohorts	MAG	human body	oral cavity
R0170300313_tooth_RAH.megahit.bin.7	CNA0069725	95.35	0	40.36	89.13	TRUE	752,779	712	665	20	Chinese cohorts	MAG	human body	oral cavity
R0170300318_tooth_RAH.megahit.bin.108	CNA0069726	93.02	0	38.75	89.89	TRUE	567,940	563	525	43	Chinese cohorts	MAG	human body	oral cavity
R0170300318_tooth_RAH.megahit.bin.131	CNA0069727	93.02	2.33	37.68	91.72	TRUE	654,857	665	631	55	Chinese cohorts	MAG	human body	oral cavity
R0170300319_tooth_RAH.megahit.bin.124	CNA0069728	97.67	0	51.42	85.71	TRUE	1,071,081	1126	1082	16	Chinese cohorts	MAG	human body	oral cavity
R0170300320_tooth_RAH.megahit.bin.4	CNA0069729	100	0	38.06	90.78	TRUE	809,034	836	795	13	Chinese cohorts	MAG	human body	oral cavity
R0170300320_tooth_RAH.megahit.bin.52	CNA0069730	90.7	0	48.92	90.65	TRUE	707,623	731	692	38	Chinese cohorts	MAG	human body	oral cavity
R0170300321_tooth_RAH.megahit.bin.21	CNA0069731	100	0	38.14	90.67	TRUE	815,493	840	800	11	Chinese cohorts	MAG	human body	oral cavity
R0170300321_tooth_RAH.megahit.bin.33	CNA0069732	100	4.65	48.21	91.27	TRUE	775,899	819	776	11	Chinese cohorts	MAG	human body	oral cavity
R0170300321_tooth_RAH.megahit.bin.95	CNA0069733	95.35	0	50.40	89.56	TRUE	723,869	676	632	20	Chinese cohorts	MAG	human body	oral cavity
R0170300323_tooth_RAH.megahit.bin.16	CNA0069734	95.35	4.65	34.24	89.86	TRUE	656,830	641	607	31	Chinese cohorts	MAG	human body	oral cavity
R0170300323_tooth_RAH.megahit.bin.22	CNA0069735	97.67	4.65	41.54	89.62	TRUE	772,728	749	705	30	Chinese cohorts	MAG	human body	oral cavity
R0170300323_tooth_RAH.megahit.bin.52	CNA0069736	97.67	4.65	46.86	91.92	TRUE	714,173	739	709	61	Chinese cohorts	MAG	human body	oral cavity
R0170300323_tooth_RAH.megahit.bin.84	CNA0069737	100	2.33	38.20	90.61	TRUE	853,878	900	844	38	Chinese cohorts	MAG	human body	oral cavity
R0170300325_tooth_RA.megahit.bin.68	CNA0069738	100	0	52.03	86.00	TRUE	1,015,459	1042	995	5	Chinese cohorts	MAG	human body	oral cavity
R0170300325_tooth_RA.megahit.bin.8	CNA0069739	93.02	0	50.74	89.14	TRUE	732,973	680	634	30	Chinese cohorts	MAG	human body	oral cavity

R0170300326_tooth_RA.megahit.bin.12	CNA0069740	93.02	0	50.78	89.01	TRUE	771,424	723	678	49	Chinese cohorts	MAG	human body	oral cavity
R0170300327_tooth_RA.megahit.bin.5	CNA0069741	97.67	0	38.20	89.28	TRUE	731,242	720	672	6	Chinese cohorts	MAG	human body	oral cavity
R0170300327_tooth_RA.megahit.bin.68	CNA0069742	93.02	0	38.15	91.42	TRUE	716,454	736	701	6	Chinese cohorts	MAG	human body	oral cavity
R0170300334_saliva_RA.megahit.bin.69	CNA0069743	100	0	43.16	91.01	TRUE	697,957	747	705	17	Chinese cohorts	MAG	human body	oral cavity
R0170300336_saliva_RA.megahit.bin.72	CNA0069744	97.67	0	36.29	90.98	TRUE	673,870	719	679	14	Chinese cohorts	MAG	human body	oral cavity
R0170300338_saliva_RA.megahit.bin.56	CNA0069745	93.02	0	37.05	91.91	TRUE	589,972	591	559	47	Chinese cohorts	MAG	human body	oral cavity
R0170300350_saliva_RA.megahit.bin.87	CNA0069746	97.67	0	35.38	90.49	TRUE	638,850	677	640	19	Chinese cohorts	MAG	human body	oral cavity
R0170300355_saliva_RA.megahit.bin.8	CNA0069747	95.35	0	50.82	88.89	TRUE	728,090	686	640	53	Chinese cohorts	MAG	human body	oral cavity
R0170300356_saliva_RA.megahit.bin.101	CNA0069748	93.02	2.33	36.28	91.35	TRUE	535,754	552	516	121	Chinese cohorts	MAG	human body	oral cavity
R0170300378_saliva_RAH.megahit.bin.36	CNA0069749	97.67	0	40.78	89.30	TRUE	777,777	761	716	10	Chinese cohorts	MAG	human body	oral cavity
R0170300378_saliva_RAH.megahit.bin.43	CNA0069750	100	2.33	36.26	91.32	TRUE	651,837	673	637	22	Chinese cohorts	MAG	human body	oral cavity
R0170300381_saliva_RAH.megahit.bin.27	CNA0069751	90.7	2.33	43.64	92.04	TRUE	648,093	698	661	118	Chinese cohorts	MAG	human body	oral cavity
R0170300390_saliva_RAH.megahit.bin.85	CNA0069752	93.02	0	43.39	92.21	TRUE	648,392	711	677	6	Chinese cohorts	MAG	human body	oral cavity
R0170300392_saliva_RAH.megahit.bin.14	CNA0069753	97.67	4.65	41.27	89.59	TRUE	693,576	674	633	60	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097490_A_saliva.metaspades.bin.7	CNA0069778	97.67	0	35.89	89.65	TRUE	697,059	744	703	11	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097506_A_saliva.metaspades.bin.46	CNA0069779	100	0	35.85	90.07	TRUE	692,389	729	688	17	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097572_A_saliva.metaspades.bin.15	CNA0069780	100	0	35.71	89.34	TRUE	652,575	683	642	5	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097580_A_saliva.metaspades.bin.29	CNA0069781	97.67	0	35.60	89.97	TRUE	647,261	675	634	23	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097607_A_saliva.metaspades.bin.40	CNA0069782	100	0	35.81	89.89	TRUE	660,390	683	641	13	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097619_A_saliva.metaspades.bin.8	CNA0069783	97.67	0	43.71	91.67	TRUE	654,765	717	677	41	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097621_A_saliva.metaspades.bin.14	CNA0069784	93.02	0	43.12	91.55	TRUE	703,490	769	724	12	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097648_A_saliva.metaspades.bin.17	CNA0069785	100	0	43.09	91.34	TRUE	741,089	791	745	3	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097649_A_saliva.metaspades.bin.16	CNA0069786	100	0	40.37	90.09	TRUE	737,822	718	672	10	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097660_A_saliva.metaspades.bin.29	CNA0069787	100	0	43.23	91.24	TRUE	739,032	790	744	8	Chinese cohorts	MAG	human body	oral cavity
RDPYD18097666_A_saliva.metaspades.bin.15	CNA0069788	100	0	43.32	91.13	TRUE	738,810	796	750	25	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098299_A_saliva.metaspades.bin.46	CNA0069789	100	0	35.79	90.41	TRUE	663,356	698	657	7	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098308_A_saliva.metaspades.bin.70	CNA0069790	100	2.33	35.67	89.82	TRUE	692,325	739	702	33	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098326_A_saliva.metaspades.bin.7	CNA0069791	100	0	32.44	90.31	TRUE	635,755	649	608	8	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098341_A_saliva.metaspades.bin.33	CNA0069792	97.67	0	43.42	91.80	TRUE	669,906	707	662	55	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098375_A_saliva.metaspades.bin.22	CNA0069793	95.35	0	32.75	89.56	TRUE	593,527	614	576	12	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098469_A_saliva.metaspades.bin.33	CNA0069794	100	2.33	43.56	91.43	TRUE	671,432	739	696	20	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098470_A_saliva.metaspades.bin.42	CNA0069795	100	0	35.87	89.93	TRUE	733,440	779	738	18	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098496_A_saliva.metaspades.bin.7	CNA0069796	100	0	35.72	89.68	TRUE	689,015	724	683	7	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098560_A_saliva.metaspades.bin.42	CNA0069797	100	0	35.58	89.78	TRUE	654,977	680	639	13	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098585_A_saliva.metaspades.bin.25	CNA0069798	97.67	2.33	40.70	89.21	TRUE	816,146	788	744	60	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098591_A_saliva.metaspades.bin.49	CNA0069799	90.7	2.33	43.29	90.74	TRUE	566,775	629	599	37	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098768_A_saliva.metaspades.bin.59	CNA0069800	93.02	0	43.48	91.21	TRUE	633,266	697	652	66	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098770_A_saliva.metaspades.bin.53	CNA0069801	97.67	0	43.08	92.86	TRUE	740,483	798	758	14	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098785_A_saliva.metaspades.bin.37	CNA0069802	100	0	35.80	90.90	TRUE	638,222	656	622	25	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098794_A_saliva.metaspades.bin.6	CNA0069803	100	0	35.25	89.40	TRUE	648,910	678	635	6	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098804_A_saliva.metaspades.bin.34	CNA0069804	93.02	2.33	43.46	91.88	TRUE	651,571	708	667	56	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098839_A_saliva.metaspades.bin.19	CNA0069805	97.67	2.33	43.33	90.64	TRUE	616,693	667	629	70	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098844_A_saliva.metaspades.bin.18	CNA0069806	97.67	0	35.69	89.54	TRUE	654,469	676	635	9	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098853_A_saliva.metaspades.bin.65	CNA0069807	95.35	0	43.56	90.58	TRUE	668,353	717	674	28	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098858_A_saliva.metaspades.bin.23	CNA0069808	95.35	0	43.47	92.33	TRUE	593,822	636	601	50	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098859_A_saliva.metaspades.bin.8	CNA0069809	95.35	0	43.45	92.56	TRUE	654,042	702	665	23	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098861_A_saliva.metaspades.bin.17	CNA0069810	97.67	0	35.90	90.22	TRUE	582,770	628	595	137	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098875_A_saliva.metaspades.bin.44	CNA0069811	100	0	43.23	91.89	TRUE	740,349	814	770	13	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098882_A_saliva.metaspades.bin.1	CNA0069812	97.67	0	43.11	91.49	TRUE	720,215	770	726	29	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098888_A_saliva.metaspades.bin.8	CNA0069814	97.67	0	35.79	90.47	TRUE	719,026	777	741	9	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098889_A_saliva.metaspades.bin.45	CNA0069815	100	0	38.22	90.49	TRUE	831,089	859	818	12	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098889_A_saliva.metaspades.bin.64	CNA0069816	97.67	0	35.44	89.53	TRUE	634,947	657	619	68	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098896_A_saliva.metaspades.bin.29	CNA0069818	97.67	0	41.12	89.31	TRUE	807,601	794	748	5	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098900_A_saliva.metaspades.bin.51	CNA0069819	95.35	0	43.52	91.93	TRUE	612,833	664	629	26	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098912_A_saliva.metaspades.bin.17	CNA0069820	100	0	42.81	91.79	TRUE	652,380	698	654	5	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098912_A_saliva.metaspades.bin.38	CNA0069822	100	0	35.88	89.78	TRUE	710,895	748	706	3	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098916_A_saliva.metaspades.bin.11	CNA0069823	100	0	35.39	90.22	TRUE	635,862	661	622	5	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098935_A_saliva.metaspades.bin.23	CNA0069824	100	0	35.39	89.75	TRUE	625,791	635	594	11	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098936_A_saliva.metaspades.bin.10	CNA0069826	100	2.33	32.63	90.11	TRUE	584,079	596	557	57	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098959_A_saliva.metaspades.bin.38	CNA0069827	97.67	0	43.32	91.35	TRUE	770,647	844	796	11	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098961_A_saliva.metaspades.bin.6	CNA0069828	100	0	43.30	91.01	TRUE	735,829	791	744	4	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098964_A_saliva.metaspades.bin.45	CNA0069830	97.67	0	43.53	90.88	TRUE	643,985	690	652	17	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098966_A_saliva.metaspades.bin.10	CNA0069831	97.67	2.33	35.34	89.51	TRUE	621,363	639	599	21	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098980_A_saliva.metaspades.bin.28	CNA0069832	100	2.33	35.85	89.51	TRUE	708,490	753	710	16	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098996_A_saliva.metaspades.bin.18	CNA0069834	100	2.33	35.43	89.66	TRUE	666,525	696	655	36	Chinese cohorts	MAG	human body	oral cavity
RDPYD18098998_A_saliva.metaspades.bin.11	CNA0069835	93.02	0	36.30	90.63	TRUE	600,652	626	589	73	Chinese cohorts	MAG	human body	oral cavity
RDPYD18099004_A_saliva.metaspades.bin.53	CNA0069836	100	0	43.52	91.51	TRUE	708,338	764	718	10	Chinese cohorts	MAG	human body	oral cavity
RDPYD18099005_A_saliva.metaspades.bin.66	CNA0069838	100	2.33	43.15	91.95	TRUE	750,694	794	748	23	Chinese cohorts	MAG	human body	oral cavity
RDPYD18099019_A_saliva.metaspades.bin.28	CNA0069839	95.35	2.33	43.32	92.91	TRUE	660,755	722	686	3	Chinese cohorts	MAG	human body	oral cavity
RDPYD18099034_A_saliva.metaspades.bin.21	CNA0069841	100	2.33	43.45	91.26	TRUE	708,855	766	723	22	Chinese cohorts	MAG	human body	oral cavity
RDPYD18099036_A_saliva.metaspades.bin.59	CNA0069842	93.02	2.33	36.35	91.01	TRUE	613,612	652	621	119	Chinese cohorts	MAG	human body	oral cavity
RDPYD18099149_A_tongue.metaspades.bin.20	CNA0069843	90.7	2.33	43.60	91.72	TRUE	608,573	655	616	28	Chinese cohorts	MAG	human body	oral cavity
RDPYD18101880_A_saliva.metaspades.bin.11	CNA0069845	95.35	2.33	39.93	89.85	TRUE	731,895	692	650	36	Chinese cohorts	MAG	human body	oral cavity
RDPYD18101881_A_saliva.metaspades.bin.12	CNA0069846	97.67	0	43.43	91.28	TRUE	670,094	737	694	22	Chinese cohorts	MAG	human body	oral cavity
RDPYD18123870_A_saliva.metaspades.bin.24	CNA0069848	100	0	40.07	89.90	TRUE	853,212	811	763	7	Chinese cohorts	MAG	human body	oral cavity
RDPYD18123880_A_tongue.metaspades.bin.23	CNA0069849	100	0	40.07	89.95	TRUE	850,540	805	758	6	Chinese cohorts	MAG	human body	oral cavity
RDPYD18123882_A_tongue.metaspades.bin.29	CNA0069851	90.7	0	36.09	90.69	TRUE	513,087	550	524	150	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201598_A_saliva.metaspades.bin.37	CNA0069903	100	0	43.40	91.38	TRUE	676,462	731	687	15	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201616_A_saliva.metaspades.bin.6	CNA0069905	100	0	35.77	90.40	TRUE	645,975	668	628	3	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201627_A_saliva.metaspades.bin.4	CNA0069906	93.02	2.33	43.67	92.56	TRUE	579,514	616	592	93	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201644_A_saliva.metaspades.bin.16	CNA0069908	95.35	0	43.43	90.93	TRUE	662,170	719	678	11	Chinese cohorts	MAG	human body	oral cavity

RDPYD18201650_A_saliva.metaspades.bin.5	CNA0069909	100	0	43.57	91.16	TRUE	800,797	870	825	9	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201655_A_saliva.metaspades.bin.21	CNA0069911	97.67	0	40.92	89.87	TRUE	617,802	592	561	46	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201683_A_saliva.metaspades.bin.7	CNA0069912	100	0	35.74	90.04	TRUE	645,726	665	624	13	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201685_A_saliva.metaspades.bin.24	CNA0069914	100	0	35.43	89.75	TRUE	619,086	642	601	13	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201694_A_saliva.metaspades.bin.10	CNA0069915	100	0	43.13	91.52	TRUE	727,484	784	741	7	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201698_A_saliva.metaspades.bin.50	CNA0069917	100	0	35.94	90.16	TRUE	721,716	749	708	7	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201709_A_saliva.metaspades.bin.24	CNA0069918	93.02	0	43.41	91.74	TRUE	562,721	622	588	68	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201735_A_saliva.metaspades.bin.32	CNA0069920	97.67	0	35.87	89.87	TRUE	653,775	687	645	15	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201775_A_saliva.metaspades.bin.17	CNA0069921	93.02	0	35.65	89.97	TRUE	520,073	540	501	8	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201791_A_saliva.metaspades.bin.40	CNA0069923	95.35	0	43.17	91.48	TRUE	662,052	715	674	26	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201791_A_saliva.metaspades.bin.75	CNA0069924	97.67	0	35.79	89.29	TRUE	689,460	727	686	15	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201832_A_saliva.metaspades.bin.52	CNA0069926	97.67	0	43.43	91.56	TRUE	713,119	772	725	20	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201891_A_saliva.metaspades.bin.24	CNA0069927	97.67	0	35.83	90.40	TRUE	615,062	656	621	41	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201913_A_saliva.metaspades.bin.10	CNA0069929	100	0	36.49	90.38	TRUE	687,154	724	681	21	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201938_A_saliva.metaspades.bin.16	CNA0069930	100	0	35.35	89.70	TRUE	627,043	648	607	3	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201938_A_saliva.metaspades.bin.59	CNA0069932	100	0	32.47	91.14	TRUE	627,731	655	619	8	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201945_A_saliva.metaspades.bin.17	CNA0069933	97.67	0	35.71	88.92	TRUE	713,147	740	697	17	Chinese cohorts	MAG	human body	oral cavity
RDPYD18201957_A_saliva.metaspades.bin.16	CNA0069935	97.67	0	35.72	90.01	TRUE	674,554	715	674	6	Chinese cohorts	MAG	human body	oral cavity
RDPYD18300227_A_saliva.metaspades.bin.33	CNA0069981	97.67	0	43.54	91.57	TRUE	553,049	582	547	45	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187735_A_saliva.metaspades.bin.54	CNA0070958	90.7	2.33	43.72	92.46	TRUE	533,092	582	552	59	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187739_A_saliva.metaspades.bin.22	CNA0070961	93.02	0	40.13	89.47	TRUE	750,186	720	678	22	Chinese cohorts	MAG	human body	oral cavity
RSZYD18187756_A_saliva.metaspades.bin.35	CNA0070964	100	0	35.82	90.05	TRUE	675,620	710	669	23	Chinese cohorts	MAG	human body	oral cavity
YS000007_saliva.spades.bin.7	CNA0071549	100	2.33	43.36	91.65	TRUE	728,434	780	735	60	Chinese cohorts	MAG	human body	oral cavity
YS000025_saliva.spades.bin.20	CNA0071550	93.02	2.33	43.57	91.66	TRUE	636,530	682	642	121	Chinese cohorts	MAG	human body	oral cavity
YS000027_saliva.spades.bin.12	CNA0071551	90.7	2.33	43.81	93.02	TRUE	506,253	513	491	130	Chinese cohorts	MAG	human body	oral cavity
YS000029_saliva.spades.bin.8	CNA0071552	97.67	0	43.37	91.31	TRUE	685,047	734	692	75	Chinese cohorts	MAG	human body	oral cavity
YS000034_saliva.spades.bin.2	CNA0071553	100	0	43.16	91.12	TRUE	713,959	777	731	25	Chinese cohorts	MAG	human body	oral cavity
YS000057_saliva.spades.bin.9	CNA0071554	97.67	2.33	43.59	91.64	TRUE	666,826	708	669	59	Chinese cohorts	MAG	human body	oral cavity
YS000063_saliva.spades.bin.11	CNA0071555	97.67	0	43.40	91.93	TRUE	670,327	713	668	65	Chinese cohorts	MAG	human body	oral cavity
YS000066_saliva.spades.bin.24	CNA0071556	90.7	0	43.14	91.27	TRUE	721,378	782	737	98	Chinese cohorts	MAG	human body	oral cavity
YS000073_saliva.spades.bin.20	CNA0071557	93.02	4.65	43.53	92.45	TRUE	573,005	610	581	126	Chinese cohorts	MAG	human body	oral cavity
YS000122_saliva.spades.bin.4	CNA0071558	97.67	2.33	43.41	92.55	TRUE	643,626	688	646	100	Chinese cohorts	MAG	human body	oral cavity
YS000126_saliva.spades.bin.17	CNA0071559	97.67	2.33	43.46	91.92	TRUE	663,172	699	657	78	Chinese cohorts	MAG	human body	oral cavity
YS000127_saliva.spades.bin.16	CNA0071560	93.02	0	43.51	91.51	TRUE	688,771	725	685	77	Chinese cohorts	MAG	human body	oral cavity
YS000131_saliva.spades.bin.17	CNA0071561	93.02	0	43.29	92.73	TRUE	608,424	621	594	149	Chinese cohorts	MAG	human body	oral cavity
YS000135_saliva.spades.bin.9	CNA0071562	97.67	0	43.44	91.58	TRUE	693,533	735	688	52	Chinese cohorts	MAG	human body	oral cavity
YS000142_saliva.spades.bin.13	CNA0071563	93.02	0	43.75	92.09	TRUE	635,731	688	651	45	Chinese cohorts	MAG	human body	oral cavity
YS000143_saliva.spades.bin.5	CNA0071564	100	0	43.16	91.39	TRUE	770,555	819	773	38	Chinese cohorts	MAG	human body	oral cavity
YS000161_saliva.spades.bin.8	CNA0071565	90.7	2.33	36.36	91.75	TRUE	591,642	596	561	96	Chinese cohorts	MAG	human body	oral cavity
YS000165_saliva.spades.bin.32	CNA0071566	90.7	0	43.86	91.96	TRUE	574,211	601	567	78	Chinese cohorts	MAG	human body	oral cavity
YS000166_saliva.spades.bin.9	CNA0071567	95.35	0	43.02	91.24	TRUE	839,325	900	858	105	Chinese cohorts	MAG	human body	oral cavity
YS000202_saliva.spades.bin.16	CNA0071568	97.67	0	43.23	92.43	TRUE	671,744	692	655	100	Chinese cohorts	MAG	human body	oral cavity
YS000205_saliva.spades.bin.1	CNA0071569	100	0	43.19	91.95	TRUE	757,906	813	766	8	Chinese cohorts	MAG	human body	oral cavity
YS000206_saliva.spades.bin.3	CNA0071570	100	0	43.22	91.48	TRUE	726,396	783	737	8	Chinese cohorts	MAG	human body	oral cavity
YS000207_saliva.spades.bin.17	CNA0071571	93.02	2.33	43.36	92.35	TRUE	675,426	713	672	90	Chinese cohorts	MAG	human body	oral cavity
YS000208_saliva.spades.bin.26	CNA0071572	97.67	0	43.42	92.20	TRUE	611,075	650	615	126	Chinese cohorts	MAG	human body	oral cavity
YS000209_saliva.spades.bin.15	CNA0071573	100	0	43.21	91.65	TRUE	711,635	753	709	80	Chinese cohorts	MAG	human body	oral cavity
YS000214_saliva.spades.bin.5	CNA0071574	100	0	43.20	91.37	TRUE	733,340	798	752	6	Chinese cohorts	MAG	human body	oral cavity
YS000216_saliva.spades.bin.15	CNA0071575	93.02	0	43.18	91.85	TRUE	722,987	770	729	56	Chinese cohorts	MAG	human body	oral cavity
YS000226_saliva.spades.bin.6	CNA0071576	97.67	2.33	43.27	91.89	TRUE	717,729	762	720	105	Chinese cohorts	MAG	human body	oral cavity
YS000227_saliva.spades.bin.28	CNA0071577	95.35	0	43.80	91.89	TRUE	650,660	690	656	82	Chinese cohorts	MAG	human body	oral cavity
YS000231_saliva.spades.bin.18	CNA0071578	95.35	0	43.40	91.62	TRUE	684,161	748	703	69	Chinese cohorts	MAG	human body	oral cavity
YS000234_saliva.spades.bin.16	CNA0071579	93.02	0	43.64	92.11	TRUE	593,388	620	588	112	Chinese cohorts	MAG	human body	oral cavity
YS000236_saliva.spades.bin.20	CNA0071580	100	2.33	43.45	91.77	TRUE	706,729	768	729	9	Chinese cohorts	MAG	human body	oral cavity
YS000246_saliva.spades.bin.34	CNA0071581	97.67	2.33	43.20	91.58	TRUE	704,571	753	710	77	Chinese cohorts	MAG	human body	oral cavity
YS000254_saliva.spades.bin.23	CNA0071582	93.02	0	50.90	90.33	TRUE	729,495	692	648	52	Chinese cohorts	MAG	human body	oral cavity
YS000257_saliva.spades.bin.31	CNA0071583	100	0	36.31	91.25	TRUE	621,186	647	611	49	Chinese cohorts	MAG	human body	oral cavity
YS000259_saliva.spades.bin.14	CNA0071584	100	2.33	36.38	91.26	TRUE	612,599	633	600	74	Chinese cohorts	MAG	human body	oral cavity
YS000259_saliva.spades.bin.23	CNA0071585	97.67	0	43.21	91.58	TRUE	723,114	773	727	50	Chinese cohorts	MAG	human body	oral cavity
YS000273_saliva.spades.bin.9	CNA0071586	95.35	2.33	43.75	91.86	TRUE	627,518	665	626	41	Chinese cohorts	MAG	human body	oral cavity
YS000274_saliva.spades.bin.38	CNA0071587	95.35	0	43.70	92.20	TRUE	603,341	632	600	73	Chinese cohorts	MAG	human body	oral cavity
YS000275_saliva.spades.bin.17	CNA0071588	97.67	0	43.09	91.82	TRUE	724,831	765	722	37	Chinese cohorts	MAG	human body	oral cavity
YS000282_saliva.spades.bin.24	CNA0071589	100	4.65	43.03	92.14	TRUE	734,005	795	751	8	Chinese cohorts	MAG	human body	oral cavity
YS000290_saliva.spades.bin.16	CNA0071590	97.67	0	43.59	91.93	TRUE	665,501	688	650	116	Chinese cohorts	MAG	human body	oral cavity
YS000296_saliva.spades.bin.5	CNA0071591	97.67	0	43.30	91.54	TRUE	693,509	742	697	43	Chinese cohorts	MAG	human body	oral cavity
YS000298_saliva.spades.bin.49	CNA0071592	90.7	0	43.80	91.90	TRUE	517,123	535	506	117	Chinese cohorts	MAG	human body	oral cavity
YS000299_saliva.spades.bin.16	CNA0071593	95.35	0	43.78	92.08	TRUE	588,126	608	578	91	Chinese cohorts	MAG	human body	oral cavity
YS000305_saliva.spades.bin.4	CNA0071594	97.67	0	43.37	91.21	TRUE	708,287	760	714	38	Chinese cohorts	MAG	human body	oral cavity
YS000324_saliva.spades.bin.7	CNA0071595	100	0	43.23	92.53	TRUE	735,629	783	738	65	Chinese cohorts	MAG	human body	oral cavity
YS000331_saliva.spades.bin.6	CNA0071596	97.67	0	43.32	92.18	TRUE	511,005	545	517	147	Chinese cohorts	MAG	human body	oral cavity
YS000348_saliva.spades.bin.15	CNA0071597	97.67	0	43.26	91.76	TRUE	692,106	727	685	99	Chinese cohorts	MAG	human body	oral cavity
YS000360_saliva.spades.bin.8	CNA0071598	100	2.33	43.34	91.09	TRUE	743,078	803	757	44	Chinese cohorts	MAG	human body	oral cavity
YS000361_saliva.spades.bin.9	CNA0071599	100	0	43.21	91.58	TRUE	728,291	784	739	8	Chinese cohorts	MAG	human body	oral cavity
YS000364_saliva.spades.bin.27	CNA0071600	100	4.65	43.39	92.53	TRUE	662,109	699	660	111	Chinese cohorts	MAG	human body	oral cavity
YS000367_saliva.spades.bin.21	CNA0071601	100	2.33	43.14	91.95	TRUE	744,128	805	759	9	Chinese cohorts	MAG	human body	oral cavity
YS000371_saliva.spades.bin.7	CNA0071602	97.67	0	43.20	92.72	TRUE	679,608	713	676	35	Chinese cohorts	MAG	human body	oral cavity
YS000373_saliva.spades.bin.23	CNA0071603	93.02	2.33	43.29	91.80	TRUE	707,992	757	712	62	Chinese cohorts	MAG	human body	oral cavity
YS000374_saliva.spades.bin.11	CNA0071604	90.7	4.65	43.39	91.68	TRUE	656,712	694	653	76	Chinese cohorts	MAG	human body	oral cavity
YS000376_saliva.spades.bin.26	CNA0071605	100	0	43.04	91.23	TRUE	767,632	855	810	18	Chinese cohorts	MAG	human body	oral cavity
YS000381_saliva.spades.bin.25	CNA0071606	95.35	2.33	43.76	92.48	TRUE	574,693	614	588	29	Chinese cohorts	MAG	human body	oral cavity
YS000385_saliva.spades.bin.1	CNA0071607	95.35	0	43.55	92.08	TRUE	646,270	697	662	38	Chinese cohorts	MAG	human body	oral cavity

YS000391_saliva.spades.bin.1	CNA0071608	97.67	2.33	43.69	91.65	TRUE	632,346	665	630	67	Chinese cohorts	MAG	human body	oral cavity
YS000394_saliva.spades.bin.25	CNA0071609	95.35	0	43.69	93.29	TRUE	557,907	592	557	103	Chinese cohorts	MAG	human body	oral cavity
YS000402_saliva.spades.bin.13	CNA0071610	95.35	2.33	43.89	92.59	TRUE	619,390	648	617	74	Chinese cohorts	MAG	human body	oral cavity
YS000410_saliva.spades.bin.12	CNA0071611	95.35	0	43.75	91.15	TRUE	647,201	701	663	53	Chinese cohorts	MAG	human body	oral cavity
YS000411_saliva.spades.bin.13	CNA0071612	100	2.33	43.16	91.45	TRUE	715,072	773	726	27	Chinese cohorts	MAG	human body	oral cavity
YS000416_saliva.spades.bin.11	CNA0071613	97.67	0	43.35	91.23	TRUE	692,776	731	686	99	Chinese cohorts	MAG	human body	oral cavity
YS000433_saliva.spades.bin.7	CNA0071614	90.7	0	43.55	93.07	TRUE	603,547	621	590	108	Chinese cohorts	MAG	human body	oral cavity
YS000438_saliva.spades.bin.9	CNA0071615	95.35	0	43.72	92.09	TRUE	594,885	622	592	44	Chinese cohorts	MAG	human body	oral cavity
YS000444_saliva.spades.bin.11	CNA0071616	100	0	35.11	90.43	TRUE	622,894	639	603	6	Chinese cohorts	MAG	human body	oral cavity
YS000449_saliva.spades.bin.9	CNA0071617	97.67	0	43.39	92.12	TRUE	685,320	729	683	69	Chinese cohorts	MAG	human body	oral cavity
YS000455_saliva.spades.bin.37	CNA0071618	95.35	0	43.45	92.35	TRUE	632,802	659	627	125	Chinese cohorts	MAG	human body	oral cavity
YS000456_saliva.spades.bin.18	CNA0071619	100	0	43.28	91.33	TRUE	734,393	806	759	16	Chinese cohorts	MAG	human body	oral cavity
YS000462_saliva.spades.bin.8	CNA0071620	93.02	0	43.53	92.34	TRUE	622,556	676	638	51	Chinese cohorts	MAG	human body	oral cavity
YS000463_saliva.spades.bin.2	CNA0071621	90.7	0	43.60	92.21	TRUE	637,107	683	649	87	Chinese cohorts	MAG	human body	oral cavity
YS000473_saliva.spades.bin.3	CNA0071622	90.7	2.33	43.22	91.85	TRUE	663,385	708	668	99	Chinese cohorts	MAG	human body	oral cavity
YS000487_saliva.spades.bin.36	CNA0071623	97.67	4.65	43.80	91.44	TRUE	659,613	716	679	71	Chinese cohorts	MAG	human body	oral cavity
YS000527_saliva.spades.bin.34	CNA0071624	90.7	0	43.84	91.72	TRUE	497,177	535	506	14	Chinese cohorts	MAG	human body	oral cavity
YS000532_saliva.spades.bin.18	CNA0071625	95.35	0	43.64	92.15	TRUE	654,308	700	665	45	Chinese cohorts	MAG	human body	oral cavity
YS000535_saliva.spades.bin.35	CNA0071626	95.35	0	43.22	92.95	TRUE	661,666	701	666	88	Chinese cohorts	MAG	human body	oral cavity
YS000541_saliva.spades.bin.2	CNA0071627	90.7	4.65	43.94	93.32	TRUE	504,398	518	497	105	Chinese cohorts	MAG	human body	oral cavity
YS000545_saliva.spades.bin.26	CNA0071628	97.67	0	43.37	91.77	TRUE	679,622	726	686	73	Chinese cohorts	MAG	human body	oral cavity
YS000546_saliva.spades.bin.3	CNA0071629	95.35	0	43.33	91.97	TRUE	694,352	744	706	28	Chinese cohorts	MAG	human body	oral cavity
YS000547_saliva.spades.bin.14	CNA0071630	100	2.33	43.58	91.18	TRUE	699,636	757	713	78	Chinese cohorts	MAG	human body	oral cavity
YS000553_saliva.spades.bin.6	CNA0071631	95.35	0	43.57	92.56	TRUE	613,393	649	619	141	Chinese cohorts	MAG	human body	oral cavity
YS000581_saliva.spades.bin.8	CNA0071632	100	4.65	43.34	91.82	TRUE	677,400	724	681	73	Chinese cohorts	MAG	human body	oral cavity
YS000587_saliva.spades.bin.10	CNA0071633	90.7	0	43.49	91.99	TRUE	719,755	792	754	47	Chinese cohorts	MAG	human body	oral cavity
YS000592_saliva.spades.bin.16	CNA0071634	100	0	43.09	91.53	TRUE	739,020	810	763	17	Chinese cohorts	MAG	human body	oral cavity
YS000604_saliva.spades.bin.11	CNA0071635	95.35	0	43.15	92.03	TRUE	603,099	643	605	123	Chinese cohorts	MAG	human body	oral cavity
YS000607_saliva.spades.bin.9	CNA0071636	97.67	0	43.44	92.40	TRUE	600,266	611	578	134	Chinese cohorts	MAG	human body	oral cavity
YS000608_saliva.spades.bin.2	CNA0071637	93.02	0	43.55	92.52	TRUE	562,440	572	545	110	Chinese cohorts	MAG	human body	oral cavity
YS000609_saliva.spades.bin.19	CNA0071638	97.67	2.33	43.24	92.01	TRUE	684,486	746	702	90	Chinese cohorts	MAG	human body	oral cavity
YS000625_saliva.spades.bin.29	CNA0071639	93.02	0	43.83	91.06	TRUE	640,758	696	663	20	Chinese cohorts	MAG	human body	oral cavity
YS000632_saliva.spades.bin.35	CNA0071640	97.67	2.33	43.47	91.17	TRUE	633,855	679	638	97	Chinese cohorts	MAG	human body	oral cavity
YS000651_saliva.spades.bin.17	CNA0071641	100	0	43.31	91.54	TRUE	730,783	797	749	21	Chinese cohorts	MAG	human body	oral cavity
YS000678_saliva.spades.bin.12	CNA0071642	97.67	0	43.59	91.82	TRUE	654,765	693	658	86	Chinese cohorts	MAG	human body	oral cavity
YS000685_saliva.spades.bin.9	CNA0071643	100	0	43.48	92.01	TRUE	653,858	693	654	104	Chinese cohorts	MAG	human body	oral cavity
YS000721_saliva.spades.bin.7	CNA0071644	100	0	36.37	91.30	TRUE	642,410	665	630	37	Chinese cohorts	MAG	human body	oral cavity
YS000722_saliva.spades.bin.22	CNA0071645	93.02	2.33	43.22	91.59	TRUE	678,005	723	685	98	Chinese cohorts	MAG	human body	oral cavity
YS000725_saliva.spades.bin.43	CNA0071646	97.67	0	43.50	92.05	TRUE	679,151	712	675	96	Chinese cohorts	MAG	human body	oral cavity
YS000726_saliva.spades.bin.20	CNA0071647	100	0	43.10	91.83	TRUE	704,518	769	725	29	Chinese cohorts	MAG	human body	oral cavity
YS000740_saliva.spades.bin.23	CNA0071648	95.35	0	43.60	92.30	TRUE	629,778	675	636	42	Chinese cohorts	MAG	human body	oral cavity
YS000754_saliva.spades.bin.30	CNA0071649	97.67	0	43.05	90.96	TRUE	775,348	837	791	51	Chinese cohorts	MAG	human body	oral cavity
YS000758_saliva.spades.bin.5	CNA0071650	97.67	0	43.25	92.23	TRUE	665,707	701	663	123	Chinese cohorts	MAG	human body	oral cavity
YS000759_saliva.spades.bin.28	CNA0071651	90.7	0	43.88	90.60	TRUE	614,039	663	626	6	Chinese cohorts	MAG	human body	oral cavity
YS000871_saliva.spades.bin.22	CNA0071652	93.02	2.33	43.81	92.64	TRUE	600,889	619	592	47	Chinese cohorts	MAG	human body	oral cavity
YS000883_saliva.spades.bin.12	CNA0071653	93.02	0	43.52	92.03	TRUE	635,779	674	644	81	Chinese cohorts	MAG	human body	oral cavity
YS000906_saliva.spades.bin.34	CNA0071654	97.67	0	43.69	91.35	TRUE	665,690	715	674	79	Chinese cohorts	MAG	human body	oral cavity
YS000915_saliva.spades.bin.1	CNA0071655	100	4.65	43.38	91.92	TRUE	662,671	719	677	64	Chinese cohorts	MAG	human body	oral cavity
YS000918_saliva.spades.bin.33	CNA0071656	95.35	2.33	43.30	93.05	TRUE	709,294	757	718	27	Chinese cohorts	MAG	human body	oral cavity
YS000921_saliva.spades.bin.23	CNA0071657	95.35	0	43.52	92.93	TRUE	608,003	630	600	128	Chinese cohorts	MAG	human body	oral cavity
YS000922_saliva.spades.bin.6	CNA0071658	95.35	0	43.57	92.10	TRUE	585,373	624	594	54	Chinese cohorts	MAG	human body	oral cavity
YS000926_saliva.spades.bin.2	CNA0071659	100	4.65	43.25	91.73	TRUE	739,708	806	762	41	Chinese cohorts	MAG	human body	oral cavity
YS000927_saliva.spades.bin.50	CNA0071660	95.35	0	43.70	92.08	TRUE	619,618	661	629	63	Chinese cohorts	MAG	human body	oral cavity
YS000928_saliva.spades.bin.8	CNA0071661	97.67	0	43.40	92.94	TRUE	639,827	676	640	108	Chinese cohorts	MAG	human body	oral cavity
YS000932_saliva.spades.bin.7	CNA0071662	100	0	35.33	90.56	TRUE	702,823	750	714	20	Chinese cohorts	MAG	human body	oral cavity
YS000948_saliva.spades.bin.2	CNA0071663	100	0	43.32	91.30	TRUE	739,662	786	741	16	Chinese cohorts	MAG	human body	oral cavity
YS001002_saliva.spades.bin.13	CNA0071664	95.35	0	43.43	91.63	TRUE	676,966	707	664	84	Chinese cohorts	MAG	human body	oral cavity
YS001023_saliva.spades.bin.13	CNA0071665	100	2.33	43.28	90.99	TRUE	712,669	776	729	43	Chinese cohorts	MAG	human body	oral cavity
YS001048_saliva.spades.bin.21	CNA0071666	100	0	43.25	90.88	TRUE	722,654	788	740	54	Chinese cohorts	MAG	human body	oral cavity
YS001052_saliva.spades.bin.13	CNA0071667	93.02	0	43.54	91.64	TRUE	603,350	633	602	131	Chinese cohorts	MAG	human body	oral cavity
YS001064_saliva.spades.bin.3	CNA0071668	95.35	0	43.13	91.47	TRUE	705,007	765	719	18	Chinese cohorts	MAG	human body	oral cavity
YS001069_saliva.spades.bin.6	CNA0071669	95.35	0	43.22	92.15	TRUE	744,824	790	746	46	Chinese cohorts	MAG	human body	oral cavity
YS001090_saliva.spades.bin.11	CNA0071670	100	2.33	43.15	91.61	TRUE	766,821	812	765	12	Chinese cohorts	MAG	human body	oral cavity
YS001127_saliva.spades.bin.3	CNA0071671	100	0	43.22	92.39	TRUE	745,086	790	749	81	Chinese cohorts	MAG	human body	oral cavity
YS001129_saliva.spades.bin.13	CNA0071672	100	0	43.28	90.90	TRUE	696,524	752	707	19	Chinese cohorts	MAG	human body	oral cavity
YS001130_saliva.spades.bin.26	CNA0071673	97.67	2.33	43.44	91.72	TRUE	692,310	754	717	101	Chinese cohorts	MAG	human body	oral cavity
YS001132_saliva.spades.bin.25	CNA0071674	97.67	2.33	43.01	91.29	TRUE	743,735	797	755	117	Chinese cohorts	MAG	human body	oral cavity
YS001151_saliva.spades.bin.14	CNA0071675	93.02	0	43.48	92.72	TRUE	584,221	612	588	141	Chinese cohorts	MAG	human body	oral cavity
YS001157_saliva.spades.bin.8	CNA0071676	93.02	2.33	43.44	91.65	TRUE	661,760	722	682	27	Chinese cohorts	MAG	human body	oral cavity
YS001160_saliva.spades.bin.8	CNA0071677	100	0	43.07	91.39	TRUE	730,742	787	740	9	Chinese cohorts	MAG	human body	oral cavity
GCA_943914775.1_Tcv98XDF6C_bin.50.MAG	CNA0070830	100	4.65	47.67	91.46	TRUE	870,518	921	876	19	NCBI assembly	MAG	human body	skin
GCA_946222005.1_ZZEVbxAAOO_bin.25.MAG	CNA0070834	100	0	52.11	85.48	TRUE	1,004,085	1013	965	12	NCBI assembly	MAG	human body	skin
GCA_004136275.1_ASM413627v1	CNA0070079	97.67	0	47.56	90.62	TRUE	723,184	734	686	3	NCBI assembly	MAG	human body	vagina
GCA_946890675.1_ERR9530663_bin.14_metaWRAP_v1.3_MAG	CNA0070875	97.67	0	47.82	90.98	TRUE	703,182	699	650	7	NCBI assembly	MAG	human body	vagina
GCA_946890795.1_SRR12830924_bin.6_metaWRAP_v1.3_MAG	CNA0070876	97.67	0	47.78	91.11	TRUE	678,213	671	622	2	NCBI assembly	MAG	human body	vagina
GCA_946890805.1_SRR12830918_bin.6_metaWRAP_v1.3_MAG	CNA0070878	97.67	0	47.93	91.07	TRUE	694,644	709	662	57	NCBI assembly	MAG	human body	vagina
GCA_946997535.1_SRR16916865_bin.12_metaWRAP_v1.3_MAG	CNA0070880	97.67	0	47.63	91.45	TRUE	718,299	721	677	18	NCBI assembly	MAG	human body	vagina
GCA_946998385.1_SRR16916860_bin.6_metaWRAP_v1.3_MAG	CNA0070882	97.67	0	47.70	91.51	TRUE	687,724	684	640	9	NCBI assembly	MAG	human body	vagina
GCA_947090635.1_SRR11749285_bin.3_metaWRAP_v1.3_MAG	CNA0070892	97.67	0	47.41	90.82	TRUE	746,250	730	684	25	NCBI assembly	MAG	human body	vagina
GCA_947253235.1_SRR17635697_bin.12_metaWRAP_v1.3_MAG	CNA0070910	95.35	0	47.43	92.10	TRUE	697,622	673	630	34	NCBI assembly	MAG	human body	vagina
GCA_947253405.1_SRR17635715_bin.15_metaWRAP_v1.3_MAG	CNA0070912	93.02	0	38.49	92.67	TRUE	552,153	534	497	49	NCBI assembly	MAG	human body	vagina

GCA_947253565.1_SRR17635649_bin.4_metaWRAP_v1.3_MAG	CNA0070913	97.67	0	47.67	91.24	TRUE	695,978	701	657	17	NCBI assembly	MAG	human body	vagina
GCA_947253945.1_SRR17635701_bin.9_metaWRAP_v1.3_MAG	CNA0070915	97.67	0	47.99	91.64	TRUE	684,072	670	627	13	NCBI assembly	MAG	human body	vagina
GCA_947253955.1_SRR17635595_bin.5_metaWRAP_v1.3_MAG	CNA0070916	97.67	0	47.68	91.65	TRUE	688,337	678	634	11	NCBI assembly	MAG	human body	vagina
GCA_025273655.1_ASM2527365v1	CNA0070599	100	0	50.44	91.51	TRUE	1,081,308	1191	1146	1	NCBI assembly	Isolate	engineered	NA
GCA_025349965.1_ASM2534996v1	CNA0070600	97.67	2.33	47.72	91.50	TRUE	780,698	819	779	1	NCBI assembly	Isolate	insects	NA
GCA_000392435.1_ASM39243v1	CNA0069821	100	0	48.51	91.14	TRUE	1,013,781	1097	1048	1	NCBI assembly	MAG	engineered	NA
GCA_000503915.1_ASM50391v1	CNA0069825	97.67	0	49.40	90.87	TRUE	845,464	961	916	1	NCBI assembly	MAG	natural	NA
GCA_001003725.1_ASM100372v1	CNA0069833	95.35	0	47.59	90.97	TRUE	1,067,676	1190	1150	44	NCBI assembly	MAG	natural	NA
GCA_001029695.1_ASM102969v1	CNA0069837	100	0	45.99	90.38	TRUE	1,038,683	1133	1089	1	NCBI assembly	MAG	natural	NA
GCA_001788555.1_ASM178855v1	CNA0069840	93.02	0	49.34	90.82	TRUE	509,429	577	547	39	NCBI assembly	MAG	natural	NA
GCA_001788565.1_ASM178856v1	CNA0069844	95.35	0	49.17	90.13	TRUE	687,546	761	718	56	NCBI assembly	MAG	natural	NA
GCA_001790365.1_ASM179036v1	CNA0069847	100	0	45.40	90.12	TRUE	1,220,755	1299	1260	19	NCBI assembly	MAG	natural	NA
GCA_001790385.1_ASM179038v1	CNA0069850	100	0	45.84	90.48	TRUE	1,107,611	1201	1164	4	NCBI assembly	MAG	natural	NA
GCA_001790435.1_ASM179043v1	CNA0069854	95.35	0	45.41	89.27	TRUE	1,173,572	1256	1218	100	NCBI assembly	MAG	natural	NA
GCA_001790445.1_ASM179044v1	CNA0069857	97.67	0	41.18	90.61	TRUE	856,182	925	886	13	NCBI assembly	MAG	natural	NA
GCA_001790455.1_ASM179045v1	CNA0069860	93.02	0	46.79	88.61	TRUE	661,502	736	701	148	NCBI assembly	MAG	natural	NA
GCA_001790515.1_ASM179051v1	CNA0069864	100	0	45.37	90.25	TRUE	1,231,371	1305	1264	18	NCBI assembly	MAG	natural	NA
GCA_001790525.1_ASM179052v1	CNA0069867	97.67	0	46.63	89.43	TRUE	793,886	909	864	35	NCBI assembly	MAG	natural	NA
GCA_001790535.1_ASM179053v1	CNA0069870	100	0	46.21	90.58	TRUE	1,027,473	1111	1073	18	NCBI assembly	MAG	natural	NA
GCA_001790625.1_ASM179062v1	CNA0069873	90.7	0	49.17	90.74	TRUE	664,287	743	702	63	NCBI assembly	MAG	natural	NA
GCA_001873625.1_ASM187362v1	CNA0069877	97.67	2.33	40.56	89.55	TRUE	825,475	841	799	15	NCBI assembly	MAG	natural	NA
GCA_001897295.1_ASM189729v1	CNA0069880	97.67	0	49.51	91.82	TRUE	904,897	972	929	3	NCBI assembly	MAG	engineered	NA
GCA_001897305.1_ASM189730v1	CNA0069884	97.67	0	46.59	91.22	TRUE	900,471	954	910	1	NCBI assembly	MAG	engineered	NA
GCA_002304695.1_ASM230469v1	CNA0069887	95.35	2.33	49.90	86.44	TRUE	813,567	888	859	144	NCBI assembly	MAG	engineered	NA
GCA_002309075.1_ASM230907v1	CNA0069891	95.35	0	40.95	91.94	TRUE	610,597	623	584	42	NCBI assembly	MAG	natural	NA
GCA_002313515.1_ASM231351v1	CNA0069894	97.67	0	47.24	89.70	TRUE	785,679	782	729	16	NCBI assembly	MAG	other mammals	NA
GCA_002316545.1_ASM231654v1	CNA0069898	97.67	4.65	47.20	91.90	TRUE	928,276	1009	966	5	NCBI assembly	MAG	engineered	NA
GCA_002322785.1_ASM232278v1	CNA0069901	100	0	48.56	89.80	TRUE	959,870	1037	993	64	NCBI assembly	MAG	engineered	NA
GCA_002323055.1_ASM232305v1	CNA0069904	93.02	2.33	40.57	89.57	TRUE	757,666	782	740	13	NCBI assembly	MAG	natural	NA
GCA_002331045.1_ASM233104v1	CNA0069907	97.67	0	47.01	90.92	TRUE	901,221	964	930	68	NCBI assembly	MAG	natural	NA
GCA_002335175.1_ASM233517v1	CNA0069910	97.67	0	49.91	91.97	TRUE	875,335	995	955	3	NCBI assembly	MAG	engineered	NA
GCA_002336935.1_ASM233693v1	CNA0069913	100	2.33	48.56	92.53	TRUE	949,626	1026	995	21	NCBI assembly	MAG	engineered	NA
GCA_002337095.1_ASM233709v1	CNA0069916	95.35	4.65	53.17	90.70	TRUE	860,108	872	837	18	NCBI assembly	MAG	engineered	NA
GCA_002337155.1_ASM233715v1	CNA0069919	95.35	0	48.89	91.09	TRUE	884,516	957	915	25	NCBI assembly	MAG	engineered	NA
GCA_002343385.1_ASM234338v1	CNA0069922	97.67	0	51.47	92.36	TRUE	794,154	900	863	25	NCBI assembly	MAG	engineered	NA
GCA_002343565.1_ASM234356v1	CNA0069925	95.35	0	50.66	90.15	TRUE	813,862	902	868	76	NCBI assembly	MAG	engineered	NA
GCA_002343645.1_ASM234364v1	CNA0069928	97.67	0	51.42	92.37	TRUE	819,504	927	884	12	NCBI assembly	MAG	engineered	NA
GCA_002344715.1_ASM234471v1	CNA0069931	97.67	0	51.31	91.25	TRUE	888,330	1002	961	19	NCBI assembly	MAG	engineered	NA
GCA_002344735.1_ASM234473v1	CNA0069934	93.02	0	49.90	89.71	TRUE	821,691	924	884	37	NCBI assembly	MAG	engineered	NA
GCA_002348615.1_ASM234861v1	CNA0069937	97.67	0	51.31	92.08	TRUE	832,115	946	904	12	NCBI assembly	MAG	engineered	NA
GCA_002350545.1_ASM235054v1	CNA0069939	100	0	41.86	89.51	TRUE	720,973	755	720	87	NCBI assembly	MAG	other mammals	NA
GCA_002363125.1_ASM236312v1	CNA0069942	97.67	0	39.69	92.54	TRUE	645,624	686	641	20	NCBI assembly	MAG	other mammals	NA
GCA_002371235.1_ASM237123v1	CNA0069945	100	0	42.19	90.26	TRUE	719,243	687	646	36	NCBI assembly	MAG	other mammals	NA
GCA_002371895.1_ASM237189v1	CNA0069948	100	2.33	45.38	91.68	TRUE	897,989	917	872	25	NCBI assembly	MAG	other mammals	NA
GCA_002381485.1_ASM238148v1	CNA0069950	97.67	0	49.68	78.13	TRUE	664,051	695	661	211	NCBI assembly	MAG	natural	NA
GCA_002381545.1_ASM238154v1	CNA0069953	90.7	2.33	47.27	86.53	TRUE	726,308	780	740	83	NCBI assembly	MAG	natural	NA
GCA_002404125.1_ASM240412v1	CNA0069956	93.02	0	52.56	82.90	TRUE	1,051,590	1087	1045	93	NCBI assembly	MAG	natural	NA
GCA_002404195.1_ASM240419v1	CNA0069958	93.02	0	49.24	86.00	TRUE	879,943	986	953	105	NCBI assembly	MAG	natural	NA
GCA_002404255.1_ASM240425v1	CNA0069961	95.35	0	53.31	85.11	TRUE	1,048,123	1179	1145	181	NCBI assembly	MAG	natural	NA
GCA_002404315.1_ASM240431v1	CNA0069964	97.67	0	47.31	90.73	TRUE	726,146	780	743	9	NCBI assembly	MAG	natural	NA
GCA_002405335.1_ASM240533v1	CNA0069967	95.35	0	52.15	89.23	TRUE	1,140,771	1204	1161	38	NCBI assembly	MAG	natural	NA
GCA_002413425.1_ASM241342v1	CNA0069969	95.35	0	47.02	89.49	TRUE	779,530	867	824	19	NCBI assembly	MAG	natural	NA
GCA_002413755.1_ASM241375v1	CNA0069972	90.7	0	53.04	83.43	TRUE	1,118,467	1219	1178	185	NCBI assembly	MAG	natural	NA
GCA_002413795.1_ASM241379v1	CNA0069975	95.35	0	54.71	87.63	TRUE	696,005	778	736	80	NCBI assembly	MAG	natural	NA
GCA_002413835.1_ASM241383v1	CNA0069977	100	0	52.10	88.82	TRUE	1,186,207	1238	1195	26	NCBI assembly	MAG	natural	NA
GCA_002413865.1_ASM241386v1	CNA0069980	95.35	0	52.80	83.56	TRUE	1,100,601	1121	1078	58	NCBI assembly	MAG	natural	NA
GCA_002421785.1_ASM242178v1	CNA0069983	100	2.33	50.31	92.02	TRUE	1,042,821	1122	1079	3	NCBI assembly	MAG	engineered	NA
GCA_002421965.1_ASM242196v1	CNA0069986	95.35	0	47.17	89.86	TRUE	704,560	759	718	34	NCBI assembly	MAG	engineered	NA
GCA_002425115.1_ASM242511v1	CNA0069989	95.35	0	49.90	90.88	TRUE	877,521	991	951	31	NCBI assembly	MAG	engineered	NA
GCA_002425145.1_ASM242514v1	CNA0069992	97.67	0	51.38	90.95	TRUE	875,973	987	945	26	NCBI assembly	MAG	engineered	NA
GCA_002427805.1_ASM242780v1	CNA0069994	95.35	0	45.81	90.32	TRUE	848,904	935	901	47	NCBI assembly	MAG	natural	NA
GCA_002429245.1_ASM242924v1	CNA0069998	97.67	0	46.50	91.81	TRUE	865,748	942	903	7	NCBI assembly	MAG	natural	NA
GCA_002433925.1_ASM243392v1	CNA0070000	97.67	0	49.90	91.55	TRUE	881,292	996	960	26	NCBI assembly	MAG	engineered	NA
GCA_002434045.1_ASM243404v1	CNA0070003	97.67	0	51.14	90.92	TRUE	898,580	1006	956	6	NCBI assembly	MAG	engineered	NA
GCA_002434055.1_ASM243405v1	CNA0070005	97.67	0	51.31	92.27	TRUE	823,823	935	895	25	NCBI assembly	MAG	engineered	NA
GCA_002437225.1_ASM243722v1	CNA0070008	95.35	0	47.30	88.96	TRUE	745,520	737	690	52	NCBI assembly	MAG	other mammals	NA
GCA_002441145.1_ASM244114v1	CNA0070010	95.35	2.33	48.26	91.06	TRUE	790,334	887	856	32	NCBI assembly	MAG	engineered	NA
GCA_002441585.1_ASM244158v1	CNA0070012	95.35	0	52.75	91.67	TRUE	746,564	833	798	12	NCBI assembly	MAG	engineered	NA
GCA_002452155.1_ASM245215v1	CNA0070015	100	0	50.31	90.78	TRUE	645,305	722	680	13	NCBI assembly	MAG	natural	NA
GCA_002455275.1_ASM245527v1	CNA0070017	97.67	4.65	47.12	92.25	TRUE	934,658	1021	983	9	NCBI assembly	MAG	engineered	NA
GCA_002482925.1_ASM248292v1	CNA0070020	90.7	0	41.66	88.82	TRUE	766,937	838	805	131	NCBI assembly	MAG	natural	NA
GCA_002699225.1_ASM269922v1	CNA0070022	93.02	2.33	51.12	92.52	TRUE	762,552	826	787	25	NCBI assembly	MAG	natural	NA
GCA_002746885.1_ASM274688v1	CNA0070025	100	0	50.96	88.35	TRUE	1,061,088	1071	1023	18	NCBI assembly	MAG	other mammals	NA
GCA_002788895.1_ASM278889v1	CNA0070027	97.67	0	40.51	89.58	TRUE	757,435	785	742	63	NCBI assembly	MAG	natural	NA
GCA_002792255.1_ASM279225v1	CNA0070030	97.67	2.33	40.54	89.44	TRUE	763,227	786	745	27	NCBI assembly	MAG	natural	NA
GCA_002792275.1_ASM279227v1	CNA0070032	93.02	0	52.43	91.09	TRUE	783,899	877	837	101	NCBI assembly	MAG	natural	NA
GCA_002793725.1_ASM279372v1	CNA0070034	95.35	2.33	40.52	89.37	TRUE	766,465	797	756	24	NCBI assembly	MAG	natural	NA
GCA_002795915.1_ASM279591v1	CNA0070037	97.67	2.33	40.50	89.29	TRUE	774,948	803	761	20	NCBI assembly	MAG	natural	NA
GCA_002839415.1_ASM283941v1	CNA0070039	100	0	39.63	89.38	TRUE	1,104,520	1128	1084	37	NCBI assembly	MAG	natural	NA
GCA_002952755.1_ASM295275v1	CNA0070042	97.67	0	49.95	88.93	TRUE	1,450,269	1573	1524	1	NCBI assembly	MAG	natural	NA
GCA_003022365.1_ASM302236v1	CNA0070044	100	0	53.63	83.40	TRUE	816,346	814	766	25	NCBI assembly	MAG	natural	NA

GCA_003133385.1_20120500_P26	CNA0070046	97.67	0	48.31	91.98	TRUE	1,091,236	1238	1199	15	NCBI assembly	MAG	natural	NA
GCA_003153395.1_20120700_P3D	CNA0070049	97.67	0	40.12	91.80	TRUE	920,509	1004	967	12	NCBI assembly	MAG	natural	NA
GCA_003164595.1_20120700_S1D	CNA0070051	97.67	0	42.74	90.35	TRUE	868,323	946	898	18	NCBI assembly	MAG	natural	NA
GCA_003231925.1_ASM323192v1	CNA0070054	93.02	0	38.13	88.03	TRUE	748,264	802	770	85	NCBI assembly	MAG	natural	NA
GCA_003246575.1_ASM324657v1	CNA0070057	100	0	50.77	92.52	TRUE	931,448	983	936	4	NCBI assembly	MAG	natural	NA
GCA_003508055.1_ASM350805v1	CNA0070059	100	0	46.00	90.82	TRUE	1,024,319	1120	1081	6	NCBI assembly	MAG	natural	NA
GCA_003516025.1_ASM351602v1	CNA0070061	100	0	50.75	90.89	TRUE	1,005,782	1099	1052	1	NCBI assembly	MAG	natural	NA
GCA_003523165.1_ASM352316v1	CNA0070064	93.02	2.33	47.65	91.16	TRUE	1,045,525	1191	1164	49	NCBI assembly	MAG	natural	NA
GCA_003537595.1_ASM353759v1	CNA0070066	93.02	0	50.02	90.80	TRUE	724,505	855	820	31	NCBI assembly	MAG	natural	NA
GCA_003962975.1_ASM396297v1	CNA0070069	95.35	2.33	46.68	90.77	TRUE	1,211,114	1369	1320	61	NCBI assembly	MAG	engineered	NA
GCA_003979185.1_ASM397918v1	CNA0070071	97.67	0	43.72	85.85	TRUE	875,125	862	819	37	NCBI assembly	MAG	other mammals	NA
GCA_004100265.1_ASM410026v1	CNA0070074	97.67	0	54.77	90.49	TRUE	625,066	679	633	57	NCBI assembly	MAG	natural	NA
GCA_004100325.1_ASM410032v1	CNA0070076	97.67	0	46.06	89.95	TRUE	809,903	873	830	6	NCBI assembly	MAG	natural	NA
GCA_004138395.1_ASM413839v1	CNA0070084	100	0	43.27	91.88	TRUE	726,940	760	712	6	NCBI assembly	MAG	other mammals	NA
GCA_004294965.1_ASM429496v1	CNA0070093	90.7	0	50.33	88.59	TRUE	1,091,571	1210	1165	15	NCBI assembly	MAG	engineered	NA
GCA_007120515.1_ASM712051v1	CNA0070105	95.35	2.33	44.43	90.00	TRUE	795,542	844	807	65	NCBI assembly	MAG	natural	NA
GCA_007127855.1_ASM712785v1	CNA0070108	95.35	2.33	44.57	90.11	TRUE	801,252	861	821	70	NCBI assembly	MAG	natural	NA
GCA_007131065.1_ASM713106v1	CNA0070110	95.35	0	47.16	89.38	TRUE	540,503	579	557	66	NCBI assembly	MAG	natural	NA
GCA_007135955.1_ASM713595v1	CNA0070113	95.35	2.33	44.44	90.02	TRUE	730,956	787	755	65	NCBI assembly	MAG	natural	NA
GCA_009691435.1_ASM969143v1	CNA0070125	97.67	2.33	42.94	91.64	TRUE	560,001	587	556	38	NCBI assembly	MAG	natural	NA
GCA_009776375.1_ASM977637v1	CNA0070127	97.67	0	47.90	92.14	TRUE	732,928	774	726	32	NCBI assembly	MAG	insects	NA
GCA_009777315.1_ASM977731v1	CNA0070130	90.7	0	53.80	85.05	TRUE	834,365	842	800	30	NCBI assembly	MAG	insects	NA
GCA_009778675.1_ASM977867v1	CNA0070132	97.67	0	43.04	90.69	TRUE	825,230	864	817	39	NCBI assembly	MAG	insects	NA
GCA_009781895.1_ASM978189v1	CNA0070135	95.35	0	49.96	91.26	TRUE	677,865	700	656	14	NCBI assembly	MAG	insects	NA
GCA_009783235.1_ASM978323v1	CNA0070137	97.67	0	45.84	90.96	TRUE	677,568	700	650	6	NCBI assembly	MAG	insects	NA
GCA_009783305.1_ASM978330v1	CNA0070140	100	0	47.53	92.37	TRUE	787,974	806	755	7	NCBI assembly	MAG	insects	NA
GCA_009785095.1_ASM978509v1	CNA0070142	95.35	0	50.81	91.47	TRUE	781,496	816	766	38	NCBI assembly	MAG	insects	NA
GCA_009787015.1_ASM978701v1	CNA0070144	97.67	0	47.53	90.15	TRUE	857,924	850	803	51	NCBI assembly	MAG	insects	NA
GCA_009787245.1_ASM978724v1	CNA0070147	97.67	0	47.45	89.95	TRUE	835,037	828	780	49	NCBI assembly	MAG	insects	NA
GCA_009992235.1_ASM999223v1	CNA0070149	97.67	0	47.98	92.69	TRUE	691,177	732	695	6	NCBI assembly	MAG	natural	NA
GCA_009994745.1_ASM999474v1	CNA0070151	90.7	4.65	40.43	87.92	TRUE	761,642	764	722	137	NCBI assembly	MAG	natural	NA
GCA_010014515.1_ASM1001451v1	CNA0070154	97.67	2.33	45.15	90.90	TRUE	1,210,671	1231	1180	111	NCBI assembly	MAG	engineered	NA
GCA_010014525.1_ASM1001452v1	CNA0070156	100	0	42.05	89.59	TRUE	693,413	702	661	87	NCBI assembly	MAG	engineered	NA
GCA_012965045.1_ASM1296504v1	CNA0070172	97.67	0	43.27	90.92	TRUE	909,550	956	920	3	NCBI assembly	MAG	natural	NA
GCA_013289705.1_ASM1328970v1	CNA0070193	97.67	0	47.97	90.14	TRUE	1,238,311	1391	1345	13	NCBI assembly	MAG	natural	NA
GCA_013316035.1_ASM1331603v1	CNA0070197	95.35	0	43.67	85.49	TRUE	884,000	867	821	40	NCBI assembly	MAG	other mammals	NA
GCA_013316435.1_ASM1331643v1	CNA0070200	90.7	0	45.12	88.30	TRUE	692,579	708	662	73	NCBI assembly	MAG	other mammals	NA
GCA_013334475.1_ASM1333447v1	CNA0070249	97.67	0	43.19	89.55	TRUE	700,793	724	677	75	NCBI assembly	MAG	engineered	NA
GCA_013694995.1_ASM1369499v1	CNA0070254	97.67	0	44.60	89.66	TRUE	765,679	850	811	7	NCBI assembly	MAG	natural	NA
GCA_013815775.1_ASM1381577v1	CNA0070257	95.35	0	44.57	90.22	TRUE	747,099	820	773	4	NCBI assembly	MAG	natural	NA
GCA_013815785.1_ASM1381578v1	CNA0070259	93.02	0	44.44	90.45	TRUE	816,367	908	865	58	NCBI assembly	MAG	natural	NA
GCA_013816445.1_ASM1381644v1	CNA0070262	100	2.33	40.17	89.40	TRUE	870,466	986	941	134	NCBI assembly	MAG	natural	NA
GCA_014191035.1_ASM1419103v1	CNA0070264	95.35	0	39.21	92.02	TRUE	684,728	757	713	19	NCBI assembly	MAG	natural	NA
GCA_014377345.1_ASM1437734v1	CNA0070266	97.67	0	47.45	91.47	TRUE	709,634	797	760	26	NCBI assembly	MAG	natural	NA
GCA_014377525.1_ASM1437752v1	CNA0070268	97.67	0	47.17	88.19	TRUE	890,971	949	917	40	NCBI assembly	MAG	natural	NA
GCA_014377695.1_ASM1437769v1	CNA0070270	90.7	0	48.49	89.25	TRUE	819,554	919	885	36	NCBI assembly	MAG	natural	NA
GCA_015655045.1_ASM1565504v1	CNA0070296	97.67	0	46.59	90.63	TRUE	848,230	935	892	8	NCBI assembly	MAG	natural	NA
GCA_015663315.1_ASM1566331v1	CNA0070298	97.67	0	43.23	90.68	TRUE	908,873	958	919	10	NCBI assembly	MAG	natural	NA
GCA_015999845.1_ASM1599984v1	CNA0070300	100	0	45.94	89.90	TRUE	1,064,253	1146	1100	3	NCBI assembly	MAG	engineered	NA
GCA_015999865.1_ASM1599986v1	CNA0070302	100	0	45.94	89.82	TRUE	1,064,605	1146	1100	3	NCBI assembly	MAG	engineered	NA
GCA_015999875.1_ASM1599987v1	CNA0070305	100	0	47.31	91.65	TRUE	1,039,764	1124	1083	5	NCBI assembly	MAG	engineered	NA
GCA_016000075.1_ASM1600007v1	CNA0070307	100	0	45.93	89.90	TRUE	1,058,758	1140	1099	6	NCBI assembly	MAG	engineered	NA
GCA_016000245.1_ASM1600024v1	CNA0070309	95.35	2.33	47.44	91.48	TRUE	950,873	1007	973	71	NCBI assembly	MAG	engineered	NA
GCA_016176605.1_ASM1617660v1	CNA0070313	97.67	0	47.37	87.35	TRUE	728,033	838	797	8	NCBI assembly	MAG	natural	NA
GCA_016178135.1_ASM1617813v1	CNA0070315	97.67	0	43.02	87.38	TRUE	799,899	893	850	14	NCBI assembly	MAG	natural	NA
GCA_016183515.1_ASM1618351v1	CNA0070316	90.7	0	49.33	91.72	TRUE	566,607	649	613	80	NCBI assembly	MAG	natural	NA
GCA_016187125.1_ASM1618712v1	CNA0070318	95.35	0	46.14	86.71	TRUE	828,455	918	872	10	NCBI assembly	MAG	natural	NA
GCA_016187175.1_ASM1618717v1	CNA0070319	95.35	2.33	47.07	89.85	TRUE	663,662	739	704	22	NCBI assembly	MAG	natural	NA
GCA_016191105.1_ASM1619110v1	CNA0070321	97.67	0	47.40	88.94	TRUE	927,837	1086	1034	10	NCBI assembly	MAG	natural	NA
GCA_016196105.1_ASM1619610v1	CNA0070323	97.67	0	43.06	87.30	TRUE	780,129	867	825	17	NCBI assembly	MAG	natural	NA
GCA_016196195.1_ASM1619619v1	CNA0070324	90.7	0	44.94	91.50	TRUE	586,813	655	623	41	NCBI assembly	MAG	natural	NA
GCA_016219345.1_ASM1621934v1	CNA0070326	90.7	0	41.86	93.02	TRUE	734,814	816	784	38	NCBI assembly	MAG	natural	NA
GCA_016234585.1_ASM1623458v1	CNA0070327	90.7	0	48.52	91.80	TRUE	545,778	562	545	35	NCBI assembly	MAG	natural	NA
GCA_016280905.1_ASM1628090v1	CNA0070329	100	2.33	39.90	92.73	TRUE	651,831	690	639	18	NCBI assembly	MAG	other mammals	NA
GCA_016283505.1_ASM1628350v1	CNA0070330	95.35	0	44.87	91.49	TRUE	1,019,414	1033	980	37	NCBI assembly	MAG	other mammals	NA
GCA_016286785.1_ASM1628678v1	CNA0070332	100	0	41.05	91.21	TRUE	766,527	766	718	25	NCBI assembly	MAG	other mammals	NA
GCA_016432585.1_ASM1643258v1	CNA0070333	100	2.33	48.11	91.69	TRUE	952,604	1047	1003	1	NCBI assembly	MAG	natural	NA
GCA_016699065.1_ASM1669906v1	CNA0070335	97.67	0	48.72	87.71	TRUE	979,137	1217	1167	1	NCBI assembly	MAG	engineered	NA
GCA_016699895.1_ASM1669989v1	CNA0070336	97.67	0	48.41	91.34	TRUE	749,073	808	759	1	NCBI assembly	MAG	engineered	NA
GCA_016699935.1_ASM1669993v1	CNA0070338	90.7	0	48.21	80.85	TRUE	1,226,308	1759	1715	1	NCBI assembly	MAG	engineered	NA
GCA_016699955.1_ASM1669995v1	CNA0070339	100	0	47.81	87.85	TRUE	1,211,496	1296	1247	1	NCBI assembly	MAG	engineered	NA
GCA_016700015.1_ASM1670001v1	CNA0070341	100	2.33	49.37	91.11	TRUE	1,011,181	1108	1060	1	NCBI assembly	MAG	engineered	NA
GCA_016700315.1_ASM1670031v1	CNA0070342	97.67	0	44.81	88.04	TRUE	988,272	1063	1019	1	NCBI assembly	MAG	engineered	NA
GCA_016700355.1_ASM1670035v1	CNA0070344	100	0	48.57	91.09	TRUE	1,006,672	1110	1062	1	NCBI assembly	MAG	engineered	NA
GCA_016700375.1_ASM1670037v1	CNA0070346	100	0	49.69	88.72	TRUE	1,256,494	1334	1289	1	NCBI assembly	MAG	engineered	NA
GCA_016700395.1_ASM1670039v1	CNA0070347	100	0	49.00	91.24	TRUE	936,132	1035	988	1	NCBI assembly	MAG	engineered	NA
GCA_016789455.1_ASM1678945v1	CNA0070349	97.67	0	57.94	88.39	TRUE	1,437,857	1570	1523	2	NCBI assembly	MAG	engineered	NA
GCA_016789655.1_ASM1678965v1	CNA0070350	95.35	0	48.54	86.79	TRUE	1,349,103	1381	1339	118	NCBI assembly	MAG	engineered	NA
GCA_016866755.1_JGI_2017-08-21	CNA0070352	100	0	45.19	91.18	TRUE	848,146	916	872	7	NCBI assembly	MAG	natural	NA
GCA_017307155.1_ASM1730715v1	CNA0070353	97.67	0	46.56	91.28	TRUE	938,312	995	951	1	NCBI assembly	MAG	engineered	NA
GCA_017403895.1_ASM1740389v1	CNA0070355	90.7	2.33	47.13	93.59	TRUE	630,404	641	603	31	NCBI assembly	MAG	other mammals	NA

GCA_017404285.1_ASM1740428v1	CNA0070356	95.35	2.33	40.30	91.95	TRUE	651,873	668	628	40	NCBI assembly	MAG	other mammals	NA
GCA_017404325.1_ASM1740432v1	CNA0070358	100	0	39.73	93.89	TRUE	765,999	775	726	17	NCBI assembly	MAG	other mammals	NA
GCA_017404335.1_ASM1740433v1	CNA0070360	100	0	44.98	92.24	TRUE	685,718	704	657	6	NCBI assembly	MAG	other mammals	NA
GCA_017404485.1_ASM1740448v1	CNA0070361	100	2.33	40.50	93.94	TRUE	725,861	742	693	16	NCBI assembly	MAG	other mammals	NA
GCA_017404515.1_ASM1740451v1	CNA0070363	95.35	0	42.45	89.48	TRUE	763,366	768	724	29	NCBI assembly	MAG	other mammals	NA
GCA_017404685.1_ASM1740468v1	CNA0070364	100	0	47.93	90.31	TRUE	670,103	662	618	37	NCBI assembly	MAG	other mammals	NA
GCA_017404725.1_ASM1740472v1	CNA0070366	97.67	0	47.89	91.74	TRUE	738,871	773	726	32	NCBI assembly	MAG	other mammals	NA
GCA_017404795.1_ASM1740479v1	CNA0070367	100	0	45.62	90.48	TRUE	691,946	689	645	27	NCBI assembly	MAG	other mammals	NA
GCA_017404845.1_ASM1740484v1	CNA0070369	95.35	2.33	51.41	91.59	TRUE	808,888	793	749	25	NCBI assembly	MAG	other mammals	NA
GCA_017404935.1_ASM1740493v1	CNA0070371	100	2.33	40.94	91.53	TRUE	740,059	773	725	11	NCBI assembly	MAG	other mammals	NA
GCA_017404955.1_ASM1740495v1	CNA0070372	97.67	0	41.42	90.47	TRUE	718,159	722	677	13	NCBI assembly	MAG	other mammals	NA
GCA_017405225.1_ASM1740522v1	CNA0070374	90.7	0	40.02	89.24	TRUE	643,622	642	602	46	NCBI assembly	MAG	other mammals	NA
GCA_017406405.1_ASM1740640v1	CNA0070375	97.67	2.33	45.63	92.03	TRUE	697,629	713	664	20	NCBI assembly	MAG	other mammals	NA
GCA_017406565.1_ASM1740656v1	CNA0070377	100	0	39.59	92.64	TRUE	815,352	809	760	7	NCBI assembly	MAG	other mammals	NA
GCA_017406595.1_ASM1740659v1	CNA0070379	97.67	0	43.28	92.17	TRUE	669,071	685	640	13	NCBI assembly	MAG	other mammals	NA
GCA_017406775.1_ASM1740677v1	CNA0070380	100	0	40.84	91.94	TRUE	720,418	734	687	14	NCBI assembly	MAG	other mammals	NA
GCA_017406905.1_ASM1740690v1	CNA0070381	100	2.33	44.49	92.09	TRUE	584,732	598	556	13	NCBI assembly	MAG	other mammals	NA
GCA_017406985.1_ASM1740698v1	CNA0070383	97.67	0	41.96	91.72	TRUE	731,243	738	694	4	NCBI assembly	MAG	other mammals	NA
GCA_017407085.1_ASM1740708v1	CNA0070385	100	4.65	47.51	92.39	TRUE	660,035	690	644	25	NCBI assembly	MAG	other mammals	NA
GCA_017418275.1_ASM1741827v1	CNA0070386	93.02	0	44.48	90.06	TRUE	812,642	788	751	38	NCBI assembly	MAG	other mammals	NA
GCA_017420225.1_ASM1742022v1	CNA0070388	97.67	0	51.21	93.19	TRUE	556,322	582	551	80	NCBI assembly	MAG	other mammals	NA
GCA_017421325.1_ASM1742132v1	CNA0070389	100	2.33	42.34	89.05	TRUE	861,130	848	801	40	NCBI assembly	MAG	other mammals	NA
GCA_017421685.1_ASM1742168v1	CNA0070391	97.67	0	40.57	91.05	TRUE	643,773	622	582	70	NCBI assembly	MAG	other mammals	NA
GCA_017430725.1_ASM1743072v1	CNA0070393	100	0	50.31	92.90	TRUE	688,696	700	653	10	NCBI assembly	MAG	other mammals	NA
GCA_017430785.1_ASM1743078v1	CNA0070394	95.35	0	42.40	88.56	TRUE	826,770	826	775	41	NCBI assembly	MAG	other mammals	NA
GCA_017431085.1_ASM1743108v1	CNA0070396	100	2.33	48.71	89.97	TRUE	701,411	723	674	33	NCBI assembly	MAG	other mammals	NA
GCA_017431465.1_ASM1743146v1	CNA0070397	97.67	0	46.94	92.54	TRUE	656,372	697	649	32	NCBI assembly	MAG	other mammals	NA
GCA_017431745.1_ASM1743174v1	CNA0070399	97.67	0	43.76	90.99	TRUE	744,470	746	698	13	NCBI assembly	MAG	other mammals	NA
GCA_017431945.1_ASM1743194v1	CNA0070400	100	0	44.66	89.81	TRUE	728,038	753	707	27	NCBI assembly	MAG	other mammals	NA
GCA_017431955.1_ASM1743195v1	CNA0070402	100	0	42.08	91.79	TRUE	712,862	738	691	7	NCBI assembly	MAG	other mammals	NA
GCA_017432025.1_ASM1743202v1	CNA0070403	97.67	0	43.88	94.01	TRUE	858,689	833	786	8	NCBI assembly	MAG	other mammals	NA
GCA_017432105.1_ASM1743210v1	CNA0070405	93.02	0	41.13	92.19	TRUE	672,881	712	668	37	NCBI assembly	MAG	other mammals	NA
GCA_017432225.1_ASM1743222v1	CNA0070407	100	0	45.92	91.98	TRUE	620,715	646	603	18	NCBI assembly	MAG	other mammals	NA
GCA_017432305.1_ASM1743230v1	CNA0070408	97.67	0	40.80	88.87	TRUE	747,863	757	713	8	NCBI assembly	MAG	other mammals	NA
GCA_017432365.1_ASM1743236v1	CNA0070409	95.35	0	50.45	92.51	TRUE	676,922	672	626	19	NCBI assembly	MAG	other mammals	NA
GCA_017432425.1_ASM1743242v1	CNA0070410	95.35	0	45.25	92.24	TRUE	711,736	714	667	30	NCBI assembly	MAG	other mammals	NA
GCA_017432505.1_ASM1743250v1	CNA0070411	95.35	0	44.75	92.07	TRUE	629,170	655	617	26	NCBI assembly	MAG	other mammals	NA
GCA_017432705.1_ASM1743270v1	CNA0070412	95.35	0	43.38	90.52	TRUE	686,777	695	656	37	NCBI assembly	MAG	other mammals	NA
GCA_017433185.1_ASM1743318v1	CNA0070413	100	2.33	41.58	91.45	TRUE	736,037	783	729	14	NCBI assembly	MAG	other mammals	NA
GCA_017433845.1_ASM1743384v1	CNA0070414	90.7	0	45.37	92.73	TRUE	583,164	613	572	24	NCBI assembly	MAG	other mammals	NA
GCA_017433855.1_ASM1743385v1	CNA0070415	97.67	2.33	44.97	92.52	TRUE	596,208	625	582	11	NCBI assembly	MAG	other mammals	NA
GCA_017434485.1_ASM1743448v1	CNA0070416	97.67	2.33	45.49	92.84	TRUE	695,001	700	653	49	NCBI assembly	MAG	other mammals	NA
GCA_017437945.1_ASM1743794v1	CNA0070417	97.67	0	45.45	91.97	TRUE	952,266	961	914	14	NCBI assembly	MAG	other mammals	NA
GCA_017447485.1_ASM1744748v1	CNA0070418	97.67	0	46.02	93.94	TRUE	612,171	644	601	24	NCBI assembly	MAG	other mammals	NA
GCA_017457925.1_ASM1745792v1	CNA0070419	100	0	43.24	89.12	TRUE	1,065,641	1110	1061	19	NCBI assembly	MAG	other mammals	NA
GCA_017459705.1_ASM1745970v1	CNA0070420	100	0	48.00	90.95	TRUE	728,099	739	691	10	NCBI assembly	MAG	other mammals	NA
GCA_017459765.1_ASM1745976v1	CNA0070421	97.67	2.33	46.04	92.36	TRUE	566,450	588	546	26	NCBI assembly	MAG	other mammals	NA
GCA_017459845.1_ASM1745984v1	CNA0070422	95.35	0	44.75	89.73	TRUE	737,231	705	659	41	NCBI assembly	MAG	other mammals	NA
GCA_017460065.1_ASM1746006v1	CNA0070423	95.35	0	49.39	91.41	TRUE	652,520	660	616	9	NCBI assembly	MAG	other mammals	NA
GCA_017460105.1_ASM1746010v1	CNA0070425	97.67	0	44.28	91.39	TRUE	649,201	642	609	13	NCBI assembly	MAG	other mammals	NA
GCA_017460165.1_ASM1746016v1	CNA0070426	95.35	0	47.70	88.90	TRUE	667,669	678	632	112	NCBI assembly	MAG	other mammals	NA
GCA_017460225.1_ASM1746022v1	CNA0070428	93.02	0	52.63	93.11	TRUE	694,526	688	647	20	NCBI assembly	MAG	other mammals	NA
GCA_017460305.1_ASM1746030v1	CNA0070429	95.35	2.33	49.89	90.12	TRUE	711,234	705	663	75	NCBI assembly	MAG	other mammals	NA
GCA_017460625.1_ASM1746062v1	CNA0070431	93.02	0	40.87	92.18	TRUE	711,783	732	686	14	NCBI assembly	MAG	other mammals	NA
GCA_017480035.1_ASM1748003v1	CNA0070432	97.67	0	43.03	91.92	TRUE	772,806	803	756	3	NCBI assembly	MAG	other mammals	NA
GCA_017480095.1_ASM1748009v1	CNA0070434	97.67	2.33	46.22	90.95	TRUE	813,411	796	749	8	NCBI assembly	MAG	other mammals	NA
GCA_017482785.1_ASM1748278v1	CNA0070435	97.67	0	46.73	90.77	TRUE	818,900	823	773	16	NCBI assembly	MAG	other mammals	NA
GCA_017506895.1_ASM1750689v1	CNA0070437	97.67	2.33	39.12	92.05	TRUE	714,826	691	645	12	NCBI assembly	MAG	other mammals	NA
GCA_017509895.1_ASM1750989v1	CNA0070438	97.67	0	45.43	89.27	TRUE	723,673	705	661	41	NCBI assembly	MAG	other mammals	NA
GCA_017510025.1_ASM1751002v1	CNA0070440	90.7	0	45.83	90.16	TRUE	722,747	683	638	36	NCBI assembly	MAG	other mammals	NA
GCA_017510075.1_ASM1751007v1	CNA0070441	95.35	2.33	47.80	89.49	TRUE	667,633	688	624	32	NCBI assembly	MAG	other mammals	NA
GCA_017510205.1_ASM1751020v1	CNA0070443	93.02	4.65	47.64	89.78	TRUE	542,701	521	488	21	NCBI assembly	MAG	other mammals	NA
GCA_017510385.1_ASM1751038v1	CNA0070445	100	0	44.49	92.45	TRUE	853,188	862	817	23	NCBI assembly	MAG	other mammals	NA
GCA_017510425.1_ASM1751042v1	CNA0070446	100	0	43.66	90.48	TRUE	840,325	801	756	30	NCBI assembly	MAG	other mammals	NA
GCA_017510445.1_ASM1751044v1	CNA0070448	97.67	0	40.11	90.72	TRUE	857,678	859	812	19	NCBI assembly	MAG	other mammals	NA
GCA_017510665.1_ASM1751066v1	CNA0070449	90.7	4.65	39.36	92.78	TRUE	735,261	717	670	10	NCBI assembly	MAG	other mammals	NA
GCA_017510705.1_ASM1751070v1	CNA0070451	100	0	41.89	92.13	TRUE	657,694	682	641	19	NCBI assembly	MAG	other mammals	NA
GCA_017510845.1_ASM1751084v1	CNA0070452	97.67	2.33	41.80	88.80	TRUE	748,211	779	734	41	NCBI assembly	MAG	other mammals	NA
GCA_017510905.1_ASM1751090v1	CNA0070454	93.02	2.33	40.83	91.81	TRUE	641,610	657	616	11	NCBI assembly	MAG	other mammals	NA
GCA_017510925.1_ASM1751092v1	CNA0070455	97.67	0	40.38	94.26	TRUE	661,755	686	640	9	NCBI assembly	MAG	other mammals	NA
GCA_017511205.1_ASM1751120v1	CNA0070457	100	0	41.30	91.36	TRUE	796,006	792	747	12	NCBI assembly	MAG	other mammals	NA
GCA_017511645.1_ASM1751164v1	CNA0070458	97.67	0	43.28	92.73	TRUE	523,738	560	528	9	NCBI assembly	MAG	other mammals	NA
GCA_017511845.1_ASM1751184v1	CNA0070460	100	4.65	40.70	91.97	TRUE	729,190	754	706	13	NCBI assembly	MAG	other mammals	NA
GCA_017511925.1_ASM1751192v1	CNA0070462	100	0	41.30	91.97	TRUE	832,473	878	829	24	NCBI assembly	MAG	other mammals	NA
GCA_017511965.1_ASM1751196v1	CNA0070463	97.67	0	41.71	92.55	TRUE	695,404	726	682	39	NCBI assembly	MAG	other mammals	NA
GCA_017512045.1_ASM1751204v1	CNA0070465	95.35	0	41.93	88.99	TRUE	732,739	753	706	30	NCBI assembly	MAG	other mammals	NA
GCA_017512085.1_ASM1751208v1	CNA0070466	93.02	0	43.63	87.92	TRUE	696,564	641	603	42	NCBI assembly	MAG	other mammals	NA
GCA_017512095.1_ASM1751209v1	CNA0070468	93.02	0	48.35	92.28	TRUE	624,889	617	583	8	NCBI assembly	MAG	other mammals	NA
GCA_017512225.1_ASM1751222v1	CNA0070469	93.02	0	47.87	90.46	TRUE	459,621	442	428	22	NCBI assembly	MAG	other mammals	NA
GCA_017512925.1_ASM1751292v1	CNA0070471	95.35	0	43.78	92.91	TRUE	577,424	610	569	3	NCBI assembly	MAG	other mammals	NA
GCA_017513905.1_ASM1751390v1	CNA0070473	95.35	0	43.34	91.46	TRUE	919,513	886	839	23	NCBI assembly	MAG	other mammals	NA

GCA_017514025.1_ASM1751402v1	CNA0070474	100	0	46.75	92.86	TRUE	678,996	705	658	7	NCBI assembly	MAG	other mammals	NA
GCA_017514045.1_ASM1751404v1	CNA0070476	95.35	2.33	43.85	91.15	TRUE	845,473	841	792	24	NCBI assembly	MAG	other mammals	NA
GCA_017514145.1_ASM1751414v1	CNA0070477	97.67	2.33	45.81	90.91	TRUE	662,779	669	627	17	NCBI assembly	MAG	other mammals	NA
GCA_017514665.1_ASM1751466v1	CNA0070479	100	0	42.68	93.02	TRUE	670,673	664	617	10	NCBI assembly	MAG	other mammals	NA
GCA_017514675.1_ASM1751467v1	CNA0070481	100	0	44.31	91.34	TRUE	632,414	649	608	30	NCBI assembly	MAG	other mammals	NA
GCA_017514805.1_ASM1751480v1	CNA0070482	100	0	44.48	92.21	TRUE	880,861	878	833	11	NCBI assembly	MAG	other mammals	NA
GCA_017514865.1_ASM1751486v1	CNA0070483	95.35	4.65	40.07	90.83	TRUE	857,392	857	807	40	NCBI assembly	MAG	other mammals	NA
GCA_017515105.1_ASM1751510v1	CNA0070485	95.35	0	43.60	91.59	TRUE	811,401	798	751	4	NCBI assembly	MAG	other mammals	NA
GCA_017515205.1_ASM1751520v1	CNA0070486	97.67	0	40.56	92.27	TRUE	650,314	668	621	9	NCBI assembly	MAG	other mammals	NA
GCA_017515265.1_ASM1751526v1	CNA0070488	93.02	0	47.37	87.51	TRUE	616,809	583	549	23	NCBI assembly	MAG	other mammals	NA
GCA_017515285.1_ASM1751528v1	CNA0070489	95.35	0	49.97	90.83	TRUE	849,837	884	840	20	NCBI assembly	MAG	other mammals	NA
GCA_017515785.1_ASM1751578v1	CNA0070491	97.67	2.33	43.74	92.86	TRUE	699,925	716	675	14	NCBI assembly	MAG	other mammals	NA
GCA_017516075.1_ASM1751607v1	CNA0070493	90.7	0	42.96	90.98	TRUE	923,922	874	827	37	NCBI assembly	MAG	other mammals	NA
GCA_017524405.1_ASM1752440v1	CNA0070494	100	0	48.99	92.17	TRUE	897,996	903	856	18	NCBI assembly	MAG	other mammals	NA
GCA_017531585.1_ASM1753158v1	CNA0070496	100	0	44.01	90.02	TRUE	1,014,252	977	929	6	NCBI assembly	MAG	other mammals	NA
GCA_017533605.1_ASM1753360v1	CNA0070498	97.67	0	41.39	93.77	TRUE	593,307	620	575	6	NCBI assembly	MAG	other mammals	NA
GCA_017536895.1_ASM1753689v1	CNA0070499	97.67	2.33	42.52	91.73	TRUE	835,944	876	825	17	NCBI assembly	MAG	other mammals	NA
GCA_017537745.1_ASM1753774v1	CNA0070501	97.67	0	42.72	92.93	TRUE	838,126	795	748	11	NCBI assembly	MAG	other mammals	NA
GCA_017540725.1_ASM1754072v1	CNA0070502	97.67	0	48.90	92.65	TRUE	806,086	851	807	61	NCBI assembly	MAG	other mammals	NA
GCA_017541245.1_ASM1754124v1	CNA0070503	100	2.33	44.85	91.80	TRUE	1,006,593	1043	994	9	NCBI assembly	MAG	other mammals	NA
GCA_017545505.1_ASM1754550v1	CNA0070505	97.67	0	39.25	92.75	TRUE	707,176	715	669	7	NCBI assembly	MAG	other mammals	NA
GCA_017545525.1_ASM1754552v1	CNA0070506	100	0	40.20	93.08	TRUE	720,812	714	669	9	NCBI assembly	MAG	other mammals	NA
GCA_017545595.1_ASM1754559v1	CNA0070508	97.67	0	45.08	89.12	TRUE	744,770	736	690	15	NCBI assembly	MAG	other mammals	NA
GCA_017552385.1_ASM1755238v1	CNA0070510	97.67	0	44.49	91.97	TRUE	765,848	777	730	13	NCBI assembly	MAG	other mammals	NA
GCA_017556795.1_ASM1755679v1	CNA0070511	97.67	0	46.27	92.49	TRUE	674,245	694	648	5	NCBI assembly	MAG	other mammals	NA
GCA_017557805.1_ASM1755780v1	CNA0070513	95.35	2.33	45.19	91.48	TRUE	689,879	701	655	58	NCBI assembly	MAG	other mammals	NA
GCA_017557865.1_ASM1755786v1	CNA0070514	95.35	0	42.51	92.91	TRUE	694,178	748	700	24	NCBI assembly	MAG	other mammals	NA
GCA_017561575.1_ASM1756157v1	CNA0070516	90.7	0	42.02	92.76	TRUE	622,696	629	588	11	NCBI assembly	MAG	other mammals	NA
GCA_017613135.1_ASM1761313v1	CNA0070518	100	0	43.53	93.36	TRUE	728,709	714	667	19	NCBI assembly	MAG	other mammals	NA
GCA_017619315.1_ASM1761931v1	CNA0070519	100	2.33	43.92	91.30	TRUE	847,604	841	799	11	NCBI assembly	MAG	other mammals	NA
GCA_017651125.1_ASM1765112v1	CNA0070521	93.02	4.65	43.79	90.74	TRUE	880,366	869	818	65	NCBI assembly	MAG	other mammals	NA
GCA_017652105.1_ASM1765210v1	CNA0070522	100	0	42.29	93.24	TRUE	668,009	701	654	21	NCBI assembly	MAG	other mammals	NA
GCA_017652765.1_ASM1765276v1	CNA0070524	97.67	0	44.40	91.80	TRUE	747,887	807	759	21	NCBI assembly	MAG	other mammals	NA
GCA_017941835.1_ASM1794183v1	CNA0070525	90.7	2.33	44.36	92.15	TRUE	634,480	669	630	48	NCBI assembly	MAG	other mammals	NA
GCA_017962365.1_ASM1796236v1	CNA0070527	97.67	0	44.70	92.39	TRUE	625,240	653	607	6	NCBI assembly	MAG	other mammals	NA
GCA_017983575.1_ASM1798357v1	CNA0070528	90.7	2.33	47.98	91.05	TRUE	819,840	874	843	30	NCBI assembly	MAG	engineered	NA
GCA_017983775.1_ASM1798377v1	CNA0070530	95.35	0	40.11	87.61	TRUE	786,922	798	755	46	NCBI assembly	MAG	engineered	NA
GCA_017991755.1_ASM1799175v1	CNA0070532	95.35	0	41.35	90.15	TRUE	998,908	1039	1004	28	NCBI assembly	MAG	engineered	NA
GCA_017992295.1_ASM1799229v1	CNA0070533	97.67	0	40.68	89.73	TRUE	691,335	727	682	53	NCBI assembly	MAG	engineered	NA
GCA_018001155.1_ASM1800115v1	CNA0070535	90.7	2.33	37.71	88.65	TRUE	732,972	795	763	90	NCBI assembly	MAG	engineered	NA
GCA_018058565.1_ASM1805856v1	CNA0070536	95.35	0	38.27	90.41	TRUE	632,262	682	644	45	NCBI assembly	MAG	engineered	NA
GCA_018060465.1_ASM1806046v1	CNA0070538	95.35	2.33	46.12	91.35	TRUE	884,716	951	913	63	NCBI assembly	MAG	engineered	NA
GCA_018062785.1_ASM1806278v1	CNA0070539	100	0	48.84	89.20	TRUE	862,455	916	878	23	NCBI assembly	MAG	engineered	NA
GCA_018062805.1_ASM1806280v1	CNA0070541	95.35	0	39.67	89.86	TRUE	694,595	752	721	55	NCBI assembly	MAG	engineered	NA
GCA_019352195.1_ASM1935219v1	CNA0070544	100	0	53.02	86.47	TRUE	1,192,683	1412	1361	12	NCBI assembly	MAG	natural	NA
GCA_019662065.1_ASM1966206v1	CNA0070545	93.02	0	48.21	91.51	TRUE	679,146	782	741	72	NCBI assembly	MAG	natural	NA
GCA_020427985.1_ASM2042798v1	CNA0070547	97.67	0	47.97	88.56	TRUE	978,274	1119	1077	51	NCBI assembly	MAG	engineered	NA
GCA_020428005.1_ASM2042800v1	CNA0070548	100	2.33	39.27	93.25	TRUE	1,045,205	1157	1115	101	NCBI assembly	MAG	engineered	NA
GCA_020428105.1_ASM2042810v1	CNA0070549	100	0	44.55	90.86	TRUE	910,443	951	917	78	NCBI assembly	MAG	engineered	NA
GCA_020428275.1_ASM2042827v1	CNA0070551	97.67	4.65	49.67	89.18	TRUE	919,279	1004	963	45	NCBI assembly	MAG	engineered	NA
GCA_020428315.1_ASM2042831v1	CNA0070553	97.67	4.65	41.75	91.60	TRUE	815,932	867	830	78	NCBI assembly	MAG	engineered	NA
GCA_020428425.1_ASM2042842v1	CNA0070554	93.02	0	39.46	91.25	TRUE	772,924	771	745	101	NCBI assembly	MAG	engineered	NA
GCA_020428435.1_ASM2042843v1	CNA0070556	93.02	2.33	39.50	90.95	TRUE	841,182	909	874	55	NCBI assembly	MAG	engineered	NA
GCA_020428475.1_ASM2042847v1	CNA0070557	100	0	41.43	89.66	TRUE	833,323	888	844	72	NCBI assembly	MAG	engineered	NA
GCA_020428525.1_ASM2042852v1	CNA0070559	95.35	0	44.70	90.31	TRUE	832,352	891	844	75	NCBI assembly	MAG	engineered	NA
GCA_021404905.1_ASM2140490v1	CNA0070563	97.67	0	40.53	90.50	TRUE	829,375	877	827	9	NCBI assembly	MAG	engineered	NA
GCA_022736555.1_ASM2273655v1	CNA0070565	95.35	0	40.98	90.17	TRUE	692,521	741	702	11	NCBI assembly	MAG	engineered	NA
GCA_022841445.1_ASM2284144v1	CNA0070582	97.67	0	46.09	91.23	TRUE	1,096,381	1174	1122	41	NCBI assembly	MAG	engineered	NA
GCA_022842995.1_ASM2284299v1	CNA0070583	90.7	2.33	45.63	87.71	TRUE	1,111,147	1119	1077	36	NCBI assembly	MAG	engineered	NA
GCA_023253175.1_ASM2325317v1	CNA0070585	100	4.65	46.83	89.36	TRUE	980,690	1091	1017	49	NCBI assembly	MAG	natural	NA
GCA_023257815.1_ASM2325781v1	CNA0070586	95.35	0	44.37	91.62	TRUE	860,263	963	924	42	NCBI assembly	MAG	natural	NA
GCA_023259925.1_ASM2325992v1	CNA0070588	90.7	0	45.80	92.11	TRUE	816,627	910	872	91	NCBI assembly	MAG	natural	NA
GCA_024635455.1_ASM2463545v1	CNA0070591	95.35	0	44.94	88.86	TRUE	840,622	891	848	4	NCBI assembly	MAG	natural	NA
GCA_024635495.1_ASM2463549v1	CNA0070593	100	0	47.68	90.00	TRUE	820,174	865	820	5	NCBI assembly	MAG	natural	NA
GCA_024682595.1_ASM2468259v1	CNA0070594	97.67	2.33	43.57	89.42	TRUE	1,039,115	1099	1052	77	NCBI assembly	MAG	other mammals	NA
GCA_024697865.1_ASM2469786v1	CNA0070596	97.67	0	43.73	92.96	TRUE	709,535	739	692	26	NCBI assembly	MAG	other mammals	NA
GCA_024699125.1_ASM2469912v1	CNA0070597	97.67	0	45.02	91.71	TRUE	765,546	758	711	13	NCBI assembly	MAG	other mammals	NA
GCA_025449905.1_ASM2544990v1	CNA0070602	95.35	0	43.78	92.97	TRUE	632,826	754	714	13	NCBI assembly	MAG	natural	NA
GCA_025450135.1_ASM2545013v1	CNA0070603	95.35	0	49.99	90.88	TRUE	829,123	905	871	58	NCBI assembly	MAG	natural	NA
GCA_025451045.1_ASM2545104v1	CNA0070605	95.35	0	45.66	91.93	TRUE	833,363	914	867	3	NCBI assembly	MAG	natural	NA
GCA_025924835.1_ASM2592483v1	CNA0070606	93.02	0	47.26	91.59	TRUE	1,008,761	1141	1103	51	NCBI assembly	MAG	natural	NA
GCA_025928155.1_ASM2592815v1	CNA0070607	100	0	53.32	89.24	TRUE	1,301,116	1480	1434	33	NCBI assembly	MAG	natural	NA
GCA_025934715.1_ASM2593471v1	CNA0070609	95.35	0	52.03	90.20	TRUE	713,779	840	794	33	NCBI assembly	MAG	natural	NA
GCA_026395375.1_ASM2639537v1	CNA0070610	95.35	0	42.20	88.87	TRUE	717,669	780	741	103	NCBI assembly	MAG	natural	NA
GCA_026395395.1_ASM2639539v1	CNA0070612	97.67	2.33	40.46	91.36	TRUE	781,935	871	827	72	NCBI assembly	MAG	natural	NA
GCA_026395405.1_ASM2639540v1	CNA0070613	97.67	0	42.50	90.29	TRUE	855,423	918	874	8	NCBI assembly	MAG	natural	NA
GCA_026395435.1_ASM2639543v1	CNA0070615	97.67	2.33	44.49	91.12	TRUE	937,984	1018	981	22	NCBI assembly	MAG	natural	NA
GCA_026706615.1_ASM2670661v1	CNA0070617	95.35	0	35.87	87.46	TRUE	639,553	642	605	30	NCBI assembly	MAG	natural	NA
GCA_026707815.1_ASM2670781v1	CNA0070618	95.35	0	35.96	86.83	TRUE	692,050	721	680	9	NCBI assembly	MAG	natural	NA
GCA_026708245.1_ASM2670824v1	CNA0070620	95.35	0	35.88	86.95	TRUE	645,978	663	622	38	NCBI assembly	MAG	natural	NA
GCA_027311865.1_ASM2731186v1	CNA0070621	95.35	0	48.98	91.99	TRUE	639,119	703	661	38	NCBI assembly	MAG	natural	NA

GCA_027312225.1_ASM2731222v1	CNA0070623	100	0	49.67	92.01	TRUE	760,352	837	803	33	NCBI assembly	MAG	natural	NA
GCA_027314885.1_ASM2731488v1	CNA0070624	95.35	0	47.03	88.74	TRUE	928,885	1040	989	83	NCBI assembly	MAG	natural	NA
GCA_027315225.1_ASM2731522v1	CNA0070626	97.67	0	53.26	91.32	TRUE	970,313	1039	990	69	NCBI assembly	MAG	natural	NA
GCA_027323755.1_ASM2732375v1	CNA0070627	100	0	33.57	90.81	TRUE	714,053	762	719	9	NCBI assembly	MAG	engineered	NA
GCA_027325955.1_ASM2732595v1	CNA0070629	97.67	0	45.08	88.41	TRUE	845,429	924	887	32	NCBI assembly	MAG	engineered	NA
GCA_027326965.1_ASM2732696v1	CNA0070630	90.7	0	31.14	92.70	TRUE	619,544	681	649	77	NCBI assembly	MAG	engineered	NA
GCA_027327265.1_ASM2732726v1	CNA0070632	100	2.33	35.45	89.50	TRUE	820,830	944	886	51	NCBI assembly	MAG	engineered	NA
GCA_027328705.1_ASM2732870v1	CNA0070633	95.35	2.33	43.87	90.45	TRUE	815,279	875	830	63	NCBI assembly	MAG	engineered	NA
GCA_027331915.1_ASM2733191v1	CNA0070634	97.67	0	40.54	90.28	TRUE	936,265	1039	994	6	NCBI assembly	MAG	engineered	NA
GCA_027331975.1_ASM2733197v1	CNA0070636	97.67	0	31.93	92.12	TRUE	563,357	623	588	31	NCBI assembly	MAG	engineered	NA
GCA_027332225.1_ASM2733222v1	CNA0070637	95.35	0	33.98	91.25	TRUE	670,637	749	706	16	NCBI assembly	MAG	engineered	NA
GCA_027334585.1_ASM2733458v1	CNA0070639	97.67	2.33	41.36	90.81	TRUE	698,408	800	751	24	NCBI assembly	MAG	engineered	NA
GCA_027338765.1_ASM2733876v1	CNA0070640	95.35	0	43.39	90.41	TRUE	722,514	798	759	22	NCBI assembly	MAG	engineered	NA
GCA_027340605.1_ASM2734060v1	CNA0070641	95.35	0	37.53	92.81	TRUE	755,624	834	791	31	NCBI assembly	MAG	engineered	NA
GCA_027340655.1_ASM2734065v1	CNA0070643	93.02	0	45.86	92.09	TRUE	535,067	552	534	36	NCBI assembly	MAG	engineered	NA
GCA_027345405.1_ASM2734540v1	CNA0070644	93.02	0	44.03	91.49	TRUE	619,494	677	652	37	NCBI assembly	MAG	engineered	NA
GCA_027351585.1_ASM2735158v1	CNA0070646	95.35	0	43.99	87.46	TRUE	888,715	988	943	31	NCBI assembly	MAG	engineered	NA
GCA_027356125.1_ASM2735612v1	CNA0070647	97.67	4.65	37.62	90.74	TRUE	752,299	837	787	23	NCBI assembly	MAG	engineered	NA
GCA_027356525.1_ASM2735652v1	CNA0070649	97.67	0	47.89	85.69	TRUE	1,353,170	1475	1427	64	NCBI assembly	MAG	engineered	NA
GCA_027365555.1_ASM2736555v1	CNA0070650	90.7	0	46.93	90.47	TRUE	519,784	567	541	24	NCBI assembly	MAG	engineered	NA
GCA_027365795.1_ASM2736579v1	CNA0070652	95.35	2.33	43.88	90.49	TRUE	831,205	913	871	20	NCBI assembly	MAG	engineered	NA
GCA_027366295.1_ASM2736629v1	CNA0070653	95.35	0	42.94	87.95	TRUE	852,984	921	870	27	NCBI assembly	MAG	engineered	NA
GCA_027366415.1_ASM2736641v1	CNA0070655	97.67	0	43.77	87.80	TRUE	927,956	1046	995	58	NCBI assembly	MAG	engineered	NA
GCA_027426655.1_ASM2742665v1	CNA0070656	95.35	0	33.28	87.87	TRUE	769,039	846	805	99	NCBI assembly	MAG	engineered	NA
GCA_027426675.1_ASM2742667v1	CNA0070657	90.7	0	33.19	89.35	TRUE	741,623	798	761	38	NCBI assembly	MAG	engineered	NA
GCA_027426695.1_ASM2742669v1	CNA0070659	95.35	2.33	33.18	88.21	TRUE	768,694	859	816	50	NCBI assembly	MAG	engineered	NA
GCA_027426775.1_ASM2742677v1	CNA0070661	95.35	0	42.98	87.41	TRUE	845,087	903	850	43	NCBI assembly	MAG	engineered	NA
GCA_027426815.1_ASM2742681v1	CNA0070662	93.02	0	42.95	87.80	TRUE	832,377	891	841	34	NCBI assembly	MAG	engineered	NA
GCA_027426835.1_ASM2742683v1	CNA0070664	95.35	2.33	45.01	88.27	TRUE	979,043	1072	1029	27	NCBI assembly	MAG	engineered	NA
GCA_027426875.1_ASM2742687v1	CNA0070665	95.35	0	45.51	91.37	TRUE	823,237	917	870	31	NCBI assembly	MAG	engineered	NA
GCA_027426915.1_ASM2742691v1	CNA0070667	93.02	4.65	36.42	86.73	TRUE	806,236	904	857	36	NCBI assembly	MAG	engineered	NA
GCA_027426955.1_ASM2742695v1	CNA0070669	100	0	35.34	90.10	TRUE	765,829	883	834	38	NCBI assembly	MAG	engineered	NA
GCA_027426975.1_ASM2742697v1	CNA0070670	100	0	35.37	89.78	TRUE	808,758	943	895	41	NCBI assembly	MAG	engineered	NA
GCA_027426995.1_ASM2742699v1	CNA0070672	93.02	2.33	35.19	89.36	TRUE	773,512	875	828	99	NCBI assembly	MAG	engineered	NA
GCA_027427015.1_ASM2742701v1	CNA0070673	95.35	0	33.83	88.78	TRUE	663,841	695	653	31	NCBI assembly	MAG	engineered	NA
GCA_027427035.1_ASM2742703v1	CNA0070675	95.35	0	44.39	88.53	TRUE	659,737	720	686	18	NCBI assembly	MAG	engineered	NA
GCA_027427055.1_ASM2742705v1	CNA0070676	90.7	0	44.34	89.26	TRUE	680,309	721	689	46	NCBI assembly	MAG	engineered	NA
GCA_027427115.1_ASM2742711v1	CNA0070678	90.7	0	40.17	89.75	TRUE	693,706	786	740	49	NCBI assembly	MAG	engineered	NA
GCA_027427135.1_ASM2742713v1	CNA0070679	100	0	34.21	90.02	TRUE	784,982	872	826	16	NCBI assembly	MAG	engineered	NA
GCA_027427155.1_ASM2742715v1	CNA0070681	93.02	0	40.89	89.85	TRUE	955,328	1035	991	96	NCBI assembly	MAG	engineered	NA
GCA_027427195.1_ASM2742719v1	CNA0070682	100	0	36.02	90.35	TRUE	694,432	758	710	20	NCBI assembly	MAG	engineered	NA
GCA_027427215.1_ASM2742721v1	CNA0070683	100	0	34.04	90.76	TRUE	744,436	822	777	11	NCBI assembly	MAG	engineered	NA
GCA_027427235.1_ASM2742723v1	CNA0070685	100	0	35.91	91.75	TRUE	672,586	733	685	23	NCBI assembly	MAG	engineered	NA
GCA_027427255.1_ASM2742725v1	CNA0070686	100	0	35.97	91.38	TRUE	690,582	750	707	22	NCBI assembly	MAG	engineered	NA
GCA_027427295.1_ASM2742729v1	CNA0070688	97.67	0	31.71	89.24	TRUE	851,130	928	882	30	NCBI assembly	MAG	engineered	NA
GCA_027427395.1_ASM2742739v1	CNA0070689	90.7	0	38.04	92.61	TRUE	702,470	783	746	27	NCBI assembly	MAG	engineered	NA
GCA_027427415.1_ASM2742741v1	CNA0070691	95.35	0	37.60	92.67	TRUE	754,855	829	785	20	NCBI assembly	MAG	engineered	NA
GCA_027427475.1_ASM2742747v1	CNA0070692	100	2.33	32.09	91.35	TRUE	775,138	857	800	43	NCBI assembly	MAG	engineered	NA
GCA_027427495.1_ASM2742749v1	CNA0070694	100	0	33.96	88.57	TRUE	743,105	807	753	39	NCBI assembly	MAG	engineered	NA
GCA_027427515.1_ASM2742751v1	CNA0070695	100	0	33.62	89.45	TRUE	714,058	805	761	31	NCBI assembly	MAG	engineered	NA
GCA_027427535.1_ASM2742753v1	CNA0070696	100	0	33.65	90.14	TRUE	740,880	802	753	26	NCBI assembly	MAG	engineered	NA
GCA_027427555.1_ASM2742755v1	CNA0070698	100	0	33.49	90.74	TRUE	709,158	761	719	10	NCBI assembly	MAG	engineered	NA
GCA_027427575.1_ASM2742757v1	CNA0070699	100	0	33.78	90.37	TRUE	734,709	814	766	28	NCBI assembly	MAG	engineered	NA
GCA_027427595.1_ASM2742759v1	CNA0070701	100	2.33	33.68	90.12	TRUE	751,747	817	770	26	NCBI assembly	MAG	engineered	NA
GCA_027427615.1_ASM2742761v1	CNA0070702	100	0	33.70	89.71	TRUE	686,514	734	688	20	NCBI assembly	MAG	engineered	NA
GCA_027427655.1_ASM2742765v1	CNA0070704	100	0	33.53	90.81	TRUE	693,193	750	707	11	NCBI assembly	MAG	engineered	NA
GCA_027427675.1_ASM2742767v1	CNA0070705	100	0	33.69	90.24	TRUE	715,372	775	730	12	NCBI assembly	MAG	engineered	NA
GCA_027427695.1_ASM2742769v1	CNA0070706	100	0	33.84	90.27	TRUE	770,055	832	786	21	NCBI assembly	MAG	engineered	NA
GCA_027427715.1_ASM2742771v1	CNA0070708	100	0	33.79	85.82	TRUE	763,022	843	791	74	NCBI assembly	MAG	engineered	NA
GCA_027427755.1_ASM2742775v1	CNA0070709	90.7	0	31.10	92.60	TRUE	615,340	679	639	37	NCBI assembly	MAG	engineered	NA
GCA_027427775.1_ASM2742777v1	CNA0070711	93.02	0	31.41	92.30	TRUE	675,694	739	697	24	NCBI assembly	MAG	engineered	NA
GCA_027427795.1_ASM2742779v1	CNA0070712	95.35	0	31.50	92.54	TRUE	633,638	701	657	31	NCBI assembly	MAG	engineered	NA
GCA_027427835.1_ASM2742783v1	CNA0070714	93.02	0	31.51	92.03	TRUE	686,819	764	721	16	NCBI assembly	MAG	engineered	NA
GCA_027427875.1_ASM2742787v1	CNA0070715	90.7	0	29.52	91.67	TRUE	609,017	647	611	125	NCBI assembly	MAG	engineered	NA
GCA_027427915.1_ASM2742791v1	CNA0070717	93.02	0	31.34	90.22	TRUE	742,149	827	782	60	NCBI assembly	MAG	engineered	NA
GCA_027428095.1_ASM2742809v1	CNA0070718	97.67	0	50.90	89.80	TRUE	748,335	842	781	37	NCBI assembly	MAG	engineered	NA
GCA_027446965.1_ASM2744696v1	CNA0070720	93.02	0	40.13	90.83	TRUE	570,833	634	609	44	NCBI assembly	MAG	engineered	NA
GCA_027446985.1_ASM2744698v1	CNA0070721	97.67	0	34.54	90.82	TRUE	714,287	794	754	15	NCBI assembly	MAG	engineered	NA
GCA_027447005.1_ASM2744700v1	CNA0070722	97.67	0	31.18	89.53	TRUE	767,772	847	808	24	NCBI assembly	MAG	engineered	NA
GCA_027449065.1_ASM2744906v1	CNA0070724	97.67	0	38.48	87.98	TRUE	795,439	843	796	21	NCBI assembly	MAG	engineered	NA
GCA_027450065.1_ASM2745006v1	CNA0070725	90.7	0	48.80	87.47	TRUE	907,565	978	919	80	NCBI assembly	MAG	engineered	NA
GCA_027450165.1_ASM2745016v1	CNA0070727	97.67	0	49.42	92.29	TRUE	794,205	856	808	7	NCBI assembly	MAG	engineered	NA
GCA_027459325.1_ASM2745932v1	CNA0070728	95.35	2.33	42.68	91.17	TRUE	822,790	939	897	30	NCBI assembly	MAG	engineered	NA
GCA_027459425.1_ASM2745942v1	CNA0070729	95.35	0	36.48	92.20	TRUE	736,962	846	802	45	NCBI assembly	MAG	engineered	NA
GCA_027492255.1_ASM2749225v1	CNA0070731	100	0	45.64	90.74	TRUE	854,584	940	897	6	NCBI assembly	MAG	engineered	NA
GCA_027492535.1_ASM2749253v1	CNA0070732	90.7	0	50.29	90.44	TRUE	800,468	865	829	107	NCBI assembly	MAG	engineered	NA
GCA_027492635.1_ASM2749263v1	CNA0070734	100	4.65	48.79	91.56	TRUE	1,013,964	1081	1042	35	NCBI assembly	MAG	engineered	NA
GCA_027492735.1_ASM2749273v1	CNA0070735	97.67	4.65	46.87	91.94	TRUE	816,744	864	818	28	NCBI assembly	MAG	engineered	NA
GCA_027492975.1_ASM2749297v1	CNA0070736	95.35	0	50.05	88.93	TRUE	835,225	878	838	53	NCBI assembly	MAG	engineered	NA
GCA_027493025.1_ASM2749302v1	CNA0070738	93.02	4.65	45.66	91.54	TRUE	909,652	897	864	47	NCBI assembly	MAG	engineered	NA
GCA_903821315.1_freshwater_MAG_---_AM-lipid-01-D2_bin-004	CNA0070748	97.67	0	39.59	92.13	TRUE	727,869	786	741	13	NCBI assembly	MAG	natural	NA

GCA_903828465.1_freshwater_MAG_---_Umea3_bin-2596	CNA0070749	97.67	0	34.36	93.37	TRUE	581,176	611	575	65	NCBI assembly	MAG	natural	NA
GCA_903829335.1_freshwater_MAG_---_AM-lipid-02-D1_bin-0304	CNA0070751	97.67	0	36.78	92.59	TRUE	741,305	822	775	17	NCBI assembly	MAG	natural	NA
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074	CNA0070752	97.67	0	39.55	91.88	TRUE	720,955	778	733	12	NCBI assembly	MAG	natural	NA
GCA_903832815.1_freshwater_MAG_---_AM-lipid-01-D1_bin-110	CNA0070754	97.67	0	39.49	92.01	TRUE	733,085	794	749	19	NCBI assembly	MAG	natural	NA
GCA_903836325.1_freshwater_MAG_---_KR2_bin-0178	CNA0070755	100	2.33	34.38	92.83	TRUE	634,302	672	631	85	NCBI assembly	MAG	natural	NA
GCA_903837875.1_freshwater_MAG_---_Umea_bin-00478	CNA0070757	100	0	34.26	93.08	TRUE	586,775	632	594	65	NCBI assembly	MAG	natural	NA
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663	CNA0070758	97.67	0	37.21	92.73	TRUE	586,798	642	604	117	NCBI assembly	MAG	natural	NA
GCA_903840315.1_freshwater_MAG_---_AM-lipid-02-D2_bin-0413	CNA0070759	97.67	0	36.74	92.56	TRUE	751,496	832	780	15	NCBI assembly	MAG	natural	NA
GCA_903847695.1_freshwater_MAG_---_YR_bin-4361	CNA0070761	95.35	2.33	34.42	93.06	TRUE	557,216	597	564	65	NCBI assembly	MAG	natural	NA
GCA_903856615.1_freshwater_MAG_---_AM-lipid-01-D3_bin-1021	CNA0070763	97.67	2.33	36.76	92.91	TRUE	727,480	815	769	24	NCBI assembly	MAG	natural	NA
GCA_903859325.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0230	CNA0070764	97.67	0	36.77	92.73	TRUE	747,206	827	781	19	NCBI assembly	MAG	natural	NA
GCA_903859365.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0353	CNA0070766	97.67	0	39.56	92.09	TRUE	716,498	772	727	13	NCBI assembly	MAG	natural	NA
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261	CNA0070767	97.67	0	36.67	92.23	TRUE	844,312	958	914	27	NCBI assembly	MAG	natural	NA
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361	CNA0070769	93.02	0	34.64	91.03	TRUE	825,529	925	884	85	NCBI assembly	MAG	natural	NA
GCA_903894915.1_freshwater_MAG_---_AlinenLipids_bin-5330	CNA0070770	97.67	0	36.75	93.25	TRUE	712,859	793	749	16	NCBI assembly	MAG	natural	NA
GCA_903918245.1_freshwater_MAG_---_AM-lipid-01-D1_bin-099	CNA0070772	95.35	0	36.80	92.83	TRUE	658,805	725	685	115	NCBI assembly	MAG	natural	NA
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708	CNA0070773	90.7	4.65	36.35	91.37	TRUE	929,291	1026	966	111	NCBI assembly	MAG	natural	NA
GCA_903937695.1_freshwater_MAG_---_Loc090907-1m_bin-354	CNA0070775	95.35	2.33	41.43	92.38	TRUE	731,742	801	757	73	NCBI assembly	MAG	natural	NA
GCA_903946795.1_freshwater_MAG_---_Loc090907-4m_bin-620	CNA0070776	97.67	0	41.61	90.45	TRUE	766,627	816	763	95	NCBI assembly	MAG	natural	NA
GCA_943350085.1_RH-15aug16-19	CNA0070820	97.67	0	42.45	92.16	TRUE	558,477	602	566	54	NCBI assembly	MAG	natural	NA
GCA_943353165.1_RH-20apr16-349	CNA0070822	97.67	0	42.40	91.14	TRUE	639,318	691	646	5	NCBI assembly	MAG	natural	NA
GCA_943354005.1_MsH-30jul19-11	CNA0070823	97.67	0	40.43	91.29	TRUE	752,352	833	790	10	NCBI assembly	MAG	natural	NA
GCA_943354725.1_RH-27jun17-331	CNA0070825	93.02	0	40.67	92.18	TRUE	516,112	560	535	58	NCBI assembly	MAG	natural	NA
GCA_943354985.1_Jr-19feb18-57	CNA0070826	90.7	2.33	40.21	90.78	TRUE	749,716	771	743	80	NCBI assembly	MAG	natural	NA
GCA_943358135.1_MsH-01oct19-288	CNA0070828	97.67	0	40.46	91.48	TRUE	731,872	804	762	31	NCBI assembly	MAG	natural	NA
GCA_945872155.1_SRR15732359_bin.8_metaWRAP_v1.3_MAG	CNA0070831	95.35	0	45.70	90.75	TRUE	606,324	618	574	43	NCBI assembly	MAG	other mammals	NA
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG	CNA0070833	100	0	46.84	89.59	TRUE	853,655	883	837	6	NCBI assembly	MAG	other mammals	NA
GCA_946404095.1_SRR12081303_bin.66_metaWRAP_v1.3_MAG	CNA0070836	100	0	43.66	93.31	TRUE	680,380	671	629	11	NCBI assembly	MAG	other mammals	NA
GCA_946404545.1_SRR12081298_bin.7_metaWRAP_v1.3_MAG	CNA0070837	95.35	0	48.17	92.77	TRUE	801,087	822	781	21	NCBI assembly	MAG	other mammals	NA
GCA_946405975.1_SRR12081303_bin.106_metaWRAP_v1.3_MAG	CNA0070838	100	0	45.32	92.40	TRUE	703,943	742	696	6	NCBI assembly	MAG	other mammals	NA
GCA_946406315.1_SRR12081301_bin.45_metaWRAP_v1.3_MAG	CNA0070840	100	0	42.33	88.63	TRUE	1,074,688	1035	982	26	NCBI assembly	MAG	other mammals	NA
GCA_946406645.1_SRR12081302_bin.54_metaWRAP_v1.3_MAG	CNA0070841	95.35	0	48.44	92.09	TRUE	666,110	685	657	33	NCBI assembly	MAG	other mammals	NA
GCA_946407955.1_SRR12081294_bin.80_metaWRAP_v1.3_MAG	CNA0070843	100	0	44.62	92.19	TRUE	895,247	888	839	3	NCBI assembly	MAG	other mammals	NA
GCA_946408075.1_SRR12081296_bin.6_metaWRAP_v1.3_MAG	CNA0070844	95.35	0	48.40	91.20	TRUE	1,079,710	1031	989	16	NCBI assembly	MAG	other mammals	NA
GCA_946408595.1_SRR12081297_bin.13_metaWRAP_v1.3_MAG	CNA0070846	100	0	41.97	93.59	TRUE	737,758	727	682	16	NCBI assembly	MAG	other mammals	NA
GCA_946409605.1_SRR12081300_bin.39_metaWRAP_v1.3_MAG	CNA0070848	100	2.33	43.62	93.15	TRUE	938,972	892	844	45	NCBI assembly	MAG	other mammals	NA
GCA_946411665.1_SRR12081298_bin.32_metaWRAP_v1.3_MAG	CNA0070849	97.67	0	44.02	90.13	TRUE	941,235	925	883	41	NCBI assembly	MAG	other mammals	NA
GCA_946414345.1_SRR12081302_bin.4_metaWRAP_v1.3_MAG	CNA0070851	95.35	2.33	41.98	92.96	TRUE	861,140	819	776	29	NCBI assembly	MAG	other mammals	NA
GCA_946414465.1_SRR12081303_bin.63_metaWRAP_v1.3_MAG	CNA0070852	100	2.33	40.72	92.33	TRUE	849,248	852	802	18	NCBI assembly	MAG	other mammals	NA
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG	CNA0070854	97.67	0	54.05	91.52	TRUE	557,818	657	627	91	NCBI assembly	MAG	natural	NA
GCA_946478995.1_SRR15094062_bin.6_metawrap_v1.3.0_MAG	CNA0070855	97.67	0	46.30	93.61	TRUE	855,070	959	923	98	NCBI assembly	MAG	natural	NA
GCA_946479115.1_ERR5385026_bin.7_metawrap_v1.3.0_MAG	CNA0070857	93.02	0	45.66	90.81	TRUE	840,907	919	884	85	NCBI assembly	MAG	natural	NA
GCA_946479835.1_SRR15094062_bin.4_metawrap_v1.3.0_MAG	CNA0070858	90.7	0	52.97	91.68	TRUE	656,375	771	734	35	NCBI assembly	MAG	natural	NA
GCA_946480535.1_SRR14536364_bin.32_metawrap_v1.3.0_MAG	CNA0070860	97.67	0	49.40	91.65	TRUE	929,743	1016	978	66	NCBI assembly	MAG	natural	NA
GCA_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG	CNA0070861	97.67	0	49.71	91.44	TRUE	1,244,327	1288	1245	4	NCBI assembly	MAG	natural	NA
GCA_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG	CNA0070862	90.7	0	50.93	91.39	TRUE	955,412	1029	997	25	NCBI assembly	MAG	natural	NA
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG	CNA0070864	100	0	43.78	89.99	TRUE	997,113	983	937	3	NCBI assembly	MAG	other mammals	NA
GCA_946548715.1_SRR1222429_bin.13_metaWRAP_v1.3_MAG	CNA0070866	95.35	2.33	45.57	91.52	TRUE	781,578	735	689	26	NCBI assembly	MAG	other mammals	NA
GCA_946561855.1_SRR19792994_bin.70_metawrap_v1.3_MAG	CNA0070867	93.02	0	45.44	89.33	TRUE	690,406	696	658	41	NCBI assembly	MAG	other mammals	NA
GCA_946618085.1_SRR873610_bin.1_metaWRAP_v1.3_MAG	CNA0070869	100	0	39.72	92.26	TRUE	635,485	678	630	14	NCBI assembly	MAG	other mammals	NA
GCA_946619905.1_SRR873600_bin.141_metaWRAP_v1.3_MAG	CNA0070870	100	0	45.19	92.26	TRUE	942,086	961	914	6	NCBI assembly	MAG	other mammals	NA
GCA_946624835.1_SRR873600_bin.13_metaWRAP_v1.3_MAG	CNA0070872	90.7	0	46.16	92.44	TRUE	690,826	723	690	58	NCBI assembly	MAG	other mammals	NA
GCA_946626365.1_SRR873609_bin.132_metaWRAP_v1.3_MAG	CNA0070873	93.02	0	48.53	91.90	TRUE	679,100	701	655	14	NCBI assembly	MAG	other mammals	NA
GCA_947057165.1_ERR9465706_bin.42_metawrap_v1.3_MAG	CNA0070884	95.35	0	45.40	89.05	TRUE	694,014	709	674	74	NCBI assembly	MAG	other mammals	NA
GCA_947059195.1_ERR9465699_bin.49_metawrap_v1.3_MAG	CNA0070885	97.67	0	44.07	86.62	TRUE	904,882	916	873	36	NCBI assembly	MAG	other mammals	NA
GCA_947066265.1_ERR899284_bin.41_metawrap_v1.3_MAG	CNA0070887	97.67	0	43.43	88.01	TRUE	948,495	967	917	47	NCBI assembly	MAG	other mammals	NA
GCA_947068245.1_SRR12358625_bin.21_metawrap_v1.3_MAG	CNA0070888	97.67	0	43.03	85.64	TRUE	927,795	915	859	75	NCBI assembly	MAG	other mammals	NA
GCA_947087275.1_SRR14038240_bin.4_metawrap_v1.3_MAG	CNA0070889	97.67	0	46.45	88.27	TRUE	829,342	849	811	15	NCBI assembly	MAG	other mammals	NA
GCA_947089645.1_SRR14038237_bin.40_metawrap_v1.3_MAG	CNA0070891	97.67	0	44.21	85.27	TRUE	913,183	914	867	18	NCBI assembly	MAG	other mammals	NA
GCA_947165465.1_SRR8387716_bin.80_metaWRAP_v1.3_MAG	CNA0070901	97.67	0	43.83	93.37	TRUE	785,437	771	729	13	NCBI assembly	MAG	other mammals	NA
GCA_947165975.1_SRR8387714_bin.97_metaWRAP_v1.3_MAG	CNA0070903	100	0	39.90	91.96	TRUE	882,197	881	835	31	NCBI assembly	MAG	other mammals	NA
GCA_947166125.1_SRR8387714_bin.9_metaWRAP_v1.3_MAG	CNA0070904	100	0	41.65	89.81	TRUE	816,580	805	756	8	NCBI assembly	MAG	other mammals	NA
GCA_947168545.1_SRR8387715_bin.82_metaWRAP_v1.3_MAG	CNA0070906	100	0	42.05	91.81	TRUE	733,068	770	721	10	NCBI assembly	MAG	other mammals	NA
GCA_947171955.1_SRR14862904_bin.27_metawrap_v1.3_MAG	CNA0070907	100	0	45.31	87.75	TRUE	817,271	819	772	11	NCBI assembly	MAG	other mammals	NA
GCA_947246665.1_SRR14920969_bin.19_metawrap_v1.3_MAG	CNA0070909	97.67	0	43.94	85.52	TRUE	980,297	1004	955	26	NCBI assembly	MAG	other mammals	NA
GCA_947296925.1_SRR19390379_bin.6_metawrap_v1.3_MAG	CNA0070917	97.67	0	43.67	87.67	TRUE	851,147	865	817	38	NCBI assembly	MAG	other mammals	NA
GCA_947302355.1_SRR10912539_bin.48_metaWRAP_v1.3_MAG	CNA0070919	97.67	2.33	41.94	92.05	TRUE	726,768	727	685	17	NCBI assembly	MAG	other mammals	NA
GCA_947302975.1_SRR10912535_bin.55_metaWRAP_v1.3_MAG	CNA0070920	95.35	0	45.31	93.13	TRUE	672,970	698	654	18	NCBI assembly	MAG	other mammals	NA
GCA_947303265.1_SRR10912539_bin.36_metaWRAP_v1.3_MAG	CNA0070922	93.02	0	43.83	87.73	TRUE	830,116	804	760	25	NCBI assembly	MAG	other mammals	NA
GCA_947303945.1_SRR10912540_bin.27_metaWRAP_v1.3_MAG	CNA0070923	100	0	42.33	88.97	TRUE	1,288,167	1337	1286	45	NCBI assembly	MAG	other mammals	NA
GCA_947304135.1_SRR10912535_bin.47_metaWRAP_v1.3_MAG	CNA0070925	95.35	0	45.36	91.48	TRUE	711,455	714	669	22	NCBI assembly	MAG	other mammals	NA
GCA_947304155.1_SRR10912535_bin.54_metaWRAP_v1.3_MAG	CNA0070926	93.02	0	41.38	91.82	TRUE	770,681	765	723	11	NCBI assembly	MAG	other mammals	NA
GCA_947304395.1_SRR10912535_bin.78_metaWRAP_v1.3_MAG	CNA0070928	93.02	0	43.58	89.95	TRUE	1,021,041	1052	1011	23	NCBI assembly	MAG	other mammals	NA
GCA_947304825.1_SRR10912542_bin.28_metaWRAP_v1.3_MAG	CNA0070929	90.7	2.33	43.37	89.12	TRUE	625,226	597	566	82	NCBI assembly	MAG	other mammals	NA
GCA_947304955.1_SRR10912542_bin.53_metaWRAP_v1.3_MAG	CNA0070931	100	0	44.13	90.65	TRUE	887,627	880	838	54	NCBI assembly	MAG	other mammals	NA
GCA_947306055.1_SRR10912535_bin.62_metaWRAP_v1.3_MAG	CNA0070932	90.7	0	43.51	92.52	TRUE	523,253	539	506	21	NCBI assembly	MAG	other mammals	NA
GCA_947306835.1_SRR10912542_bin.23_metaWRAP_v1.3_MAG	CNA0070933	100	0	48.67	91.98	TRUE	708,384	719	677	14	NCBI assembly	MAG	other mammals	NA
GCA_947307355.1_SRR10912536_bin.13_metaWRAP_v1.3_MAG	CNA0070935	93.02	0	41.82	93.25	TRUE	658,670	679	640	54	NCBI assembly	MAG	other mammals	NA
GCA_947307445.1_SRR10912535_bin.43_metaWRAP_v1.3_MAG	CNA0070936	90.7	0	45.77	91.93	TRUE	703,126	707	685	47	NCBI assembly	MAG	other mammals	NA
GCA_947346675.1_SRR14629574_bin.28_metawrap_v1.3_MAG	CNA0070938	97.67	0	45.49	87.63	TRUE	905,713	919	871	31	NCBI assembly	MAG	other mammals	NA
GCA_947362105.1_SRR15194760_bin.16_metawrap_v1.3_MAG	CNA0070939	95.35	0	43.50	87.94	TRUE	838,734	842	801	61	NCBI assembly	MAG	other mammals	NA

GCA_947364605.1_SRR16350204_bin.1_metawrap_v1.3_MAG	CNA0070940	93.02	0	46.52	87.95	TRUE	769,420	802	756	36	NCBI assembly	MAG	other mammals	NA
GCA_947364625.1_SRR16350215_bin.9_metawrap_v1.3_MAG	CNA0070942	95.35	0	47.30	87.70	TRUE	826,712	837	801	121	NCBI assembly	MAG	other mammals	NA
GCA_947364965.1_SRR16350202_bin.8_metawrap_v1.3_MAG	CNA0070943	93.02	0	49.85	84.89	TRUE	892,853	871	828	101	NCBI assembly	MAG	other mammals	NA
GCA_947366635.1_SRR15322614_bin.1_metawrap_v1.3_MAG	CNA0070945	97.67	0	43.47	86.76	TRUE	966,688	975	937	92	NCBI assembly	MAG	other mammals	NA
GCA_947366925.1_SRR15322611_bin.1_metawrap_v1.3_MAG	CNA0070946	97.67	0	44.14	86.75	TRUE	920,931	933	888	60	NCBI assembly	MAG	other mammals	NA
GCA_947367495.1_SRR15429271_bin.12_metawrap_v1.3_MAG	CNA0070947	97.67	0	46.71	88.73	TRUE	813,569	856	808	38	NCBI assembly	MAG	other mammals	NA
GCA_947367795.1_SRR15431173_bin.17_metawrap_v1.3_MAG	CNA0070949	97.67	0	47.79	87.72	TRUE	860,540	854	808	38	NCBI assembly	MAG	other mammals	NA
GCA_947368805.1_SRR15431190_bin.13_metawrap_v1.3_MAG	CNA0070950	95.35	0	46.54	87.51	TRUE	745,675	732	690	75	NCBI assembly	MAG	other mammals	NA
GCA_947384105.1_ERR6760075_bin.53_metawrap_v1.3_MAG	CNA0070951	100	0	44.96	88.16	TRUE	831,918	830	785	23	NCBI assembly	MAG	other mammals	NA
GCA_947385605.1_ERR6760111_bin.57_metawrap_v1.3_MAG	CNA0070953	95.35	0	47.79	86.79	TRUE	826,188	831	790	19	NCBI assembly	MAG	other mammals	NA
GCA_947388495.1_SRR15214593_bin.20_metawrap_v1.3_MAG	CNA0070954	97.67	0	44.44	88.15	TRUE	832,583	827	786	46	NCBI assembly	MAG	other mammals	NA
GCA_947388865.1_SRR15214599_bin.4_metawrap_v1.3_MAG	CNA0070956	97.67	0	42.15	79.23	TRUE	1,149,585	1055	1012	67	NCBI assembly	MAG	other mammals	NA
GCA_947388885.1_SRR15214585_bin.22_metawrap_v1.3_MAG	CNA0070957	100	0	43.83	85.29	TRUE	939,084	907	863	37	NCBI assembly	MAG	other mammals	NA
GCA_947389435.1_SRR15214583_bin.47_metawrap_v1.3_MAG	CNA0070959	97.67	0	48.01	87.47	TRUE	850,366	834	791	27	NCBI assembly	MAG	other mammals	NA
GCA_947425245.1_SRR19981124_bin.25_metawrap_v1.3_MAG	CNA0070960	97.67	0	45.90	87.35	TRUE	882,450	892	844	22	NCBI assembly	MAG	other mammals	NA
GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG	CNA0070962	90.7	0	51.10	86.79	TRUE	756,737	707	674	18	NCBI assembly	MAG	other mammals	NA
GCA_947425995.1_SRR19981123_bin.1_metawrap_v1.3_MAG	CNA0070963	100	0	46.82	88.91	TRUE	803,528	844	798	13	NCBI assembly	MAG	other mammals	NA
GCA_947426085.1_SRR18439536_bin.4_metawrap_v1.3_MAG	CNA0070965	95.35	0	46.98	89.00	TRUE	766,460	787	748	21	NCBI assembly	MAG	other mammals	NA
GCA_947427335.1_SRR18439536_bin.19_metawrap_v1.3_MAG	CNA0070966	95.35	0	45.36	88.74	TRUE	884,193	911	865	28	NCBI assembly	MAG	other mammals	NA
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG	CNA0070967	100	0	44.85	79.69	TRUE	1,103,184	1013	965	27	NCBI assembly	MAG	other mammals	NA
GCA_947429035.1_SRR19981115_bin.12_metawrap_v1.3_MAG	CNA0070969	100	0	45.41	88.87	TRUE	745,395	749	712	55	NCBI assembly	MAG	other mammals	NA
GCA_947429355.1_SRR19981115_bin.23_metawrap_v1.3_MAG	CNA0070970	97.67	0	45.44	87.99	TRUE	925,275	956	911	30	NCBI assembly	MAG	other mammals	NA
GCA_947565505.1_SRR19759417_bin.86_metawrap_v1.3_MAG	CNA0070972	97.67	0	42.16	78.82	TRUE	1,114,117	1008	969	75	NCBI assembly	MAG	other mammals	NA
GCA_947569885.1_SRR15604579_bin.36_metawrap_v1.3_MAG	CNA0070973	100	0	42.19	76.92	TRUE	1,192,158	1089	1019	66	NCBI assembly	MAG	other mammals	NA
GCA_947648615.1_SRR15633991_bin.36_metawrap_v1.3_MAG	CNA0070975	100	0	46.71	87.00	TRUE	1,064,832	1097	1049	18	NCBI assembly	MAG	other mammals	NA

Supplementary Table 2. Taxonomic annotation for Saccharibacterial 2,041 genomes and 759 representative clusters.

GenomeID	Annotation level	Cluster ID	Representative clusters	GTDB classification					
				Phylum	Class	Order	Family	Genus	Species
GCA_003153395.1_20120700_P3D	annotated species	cluster1	cluster1	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	UBA5150 sp003153395
GCA_009691435.1_ASM969143v1	annotated species	cluster2	cluster2	Patescibacteria	Saccharimonadia	CAILAD01	BJGX01	SICB01	SICB01 sp009691435
GCA_016191105.1_ASM1619110v1	annotated species	cluster3	cluster3	Patescibacteria	Saccharimonadia	CAILAD01	JACPPH01	JACPPH01	JACPPH01 sp016191105
GCA_947253405.1_SRR17635715_bin.15_metaWRAP_v1.3_MAG	novel genus	cluster4	cluster4	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae		
GCA_013816445.1_ASM1381644v1	annotated species	cluster5	cluster5	Patescibacteria	Saccharimonadia	CAILAD01	CAILAD01	CAILAD01	CAILAD01 sp013816445
GCA_021404905.1_ASM2140490v1	novel family	cluster6	cluster6	Patescibacteria	Saccharimonadia	Saccharimonadales			
GCA_946478995.1_SRR15094062_bin.6_metawrap_v1.3.0_MAG	novel species	cluster7	cluster7	Patescibacteria	Saccharimonadia	Saccharimonadales	2-12-FULL-41-12	JACRNE01	
GCA_001790525.1_ASM179052v1	annotated species	cluster8	cluster8	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	UBA10212	UBA10212 sp001790525
GCA_009778675.1_ASM977867v1	annotated species	cluster9	cluster9	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	WRFU01	WRFU01 sp009778675
GCA_009781895.1_ASM978189v1	annotated species	cluster10	cluster10	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	WQUV01	WQUV01 sp009781895
GCA_001790445.1_ASM179044v1	annotated species	cluster11	cluster11	Patescibacteria	Saccharimonadia	Saccharimonadales	2-12-FULL-41-12	2-12-FULL-41-12	2-12-FULL-41-12 sp001790445
GCA_002331045.1_ASM233104v1	annotated species	cluster12	cluster12	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA2112	UBA2112	UBA2112 sp002331045
GCA_018060465.1_ASM1806046v1	annotated species	cluster13	cluster13	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp018060465
GCA_012965045.1_ASM1296504v1	annotated species	cluster14	cluster14	Patescibacteria	Saccharimonadia	Saccharimonadales	DTSZ01	DTSZ01	DTSZ01 sp012965045
GCA_015663315.1_ASM1566331v1	annotated species	cluster14		Patescibacteria	Saccharimonadia	Saccharimonadales	DTSZ01	DTSZ01	DTSZ01 sp012965045
GCA_020428435.1_ASM2042843v1	novel family	cluster15	cluster15	Patescibacteria	Saccharimonadia	Saccharimonadales			
GCA_003962975.1_ASM396297v1	annotated species	cluster16	cluster16	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	AWTP1-31 sp003962975
GCA_001790455.1_ASM179045v1	annotated species	cluster17	cluster17	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212_A	2-02-FULL-47-12	2-02-FULL-47-12 sp001790455
GCA_003133385.1_20120500_P26	annotated species	cluster18	cluster18	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	UBA5150 sp003133385
GCA_026706615.1_ASM2670661v1	novel species	cluster19		Patescibacteria	Saccharimonadia	Saccharimonadales	VXPC01	VXPC01	
GCA_026707815.1_ASM2670781v1	novel species	cluster19	cluster19	Patescibacteria	Saccharimonadia	Saccharimonadales	VXPC01	VXPC01	
GCA_026708245.1_ASM2670824v1	novel species	cluster19		Patescibacteria	Saccharimonadia	Saccharimonadales	VXPC01	VXPC01	
GCA_013815775.1_ASM1381577v1	annotated species	cluster20	cluster20	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	JACDFN01	JACDFN01 sp013815775
GCA_024635455.1_ASM2463545v1	novel genus	cluster21	cluster21	Patescibacteria	Saccharimonadia	Saccharimonadales	SLHW01		
GCA_016789455.1_ASM1678945v1	annotated species	cluster22	cluster22	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIJKY01	CAIJKY01	CAIJKY01 sp016789455
GCA_020428525.1_ASM2042852v1	novel genus	cluster23	cluster23	Patescibacteria	Saccharimonadia	Saccharimonadales	VXPC01		
GCA_025273655.1_ASM2527365v1	novel genus	cluster24	cluster24	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027		
GCA_027492635.1_ASM2749263v1	novel genus	cluster25	cluster25	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027		
GCA_018062785.1_ASM1806278v1	annotated species	cluster26	cluster26	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	JAGORO01	JAGORO01 sp018062785
GCA_001788555.1_ASM178855v1	annotated species	cluster27	cluster27	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	2-01-FULL-49-22	2-01-FULL-49-22 sp001788565
GCA_001788565.1_ASM178856v1	annotated species	cluster27		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	2-01-FULL-49-22	2-01-FULL-49-22 sp001788565
GCA_001790625.1_ASM179062v1	annotated species	cluster27		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	2-01-FULL-49-22	2-01-FULL-49-22 sp001788565
GCA_016183515.1_ASM1618351v1	novel genus	cluster28	cluster28	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212		
GCA_003164595.1_20120700_S1D	annotated species	cluster29	cluster29	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	BOG-1338	BOG-1338 sp003164595
GCA_027314885.1_ASM2731488v1	novel species	cluster30	cluster30	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	
GCA_027366415.1_ASM2736641v1	novel species	cluster31	cluster31	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	
GCA_002952755.1_ASM295275v1	annotated species	cluster32	cluster32	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	PMNU01	PMNU01 sp002952755
GCA_027356125.1_ASM2735612v1	novel genus	cluster33	cluster33	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027365555.1_ASM2736555v1	novel genus	cluster34	cluster34	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_903937695.1_freshwater_MAG_---_Loc090907-1m_bin-354	annotated species	cluster35	cluster35	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	AWTP1-31 sp903946795
GCA_903946795.1_freshwater_MAG_---_Loc090907-4m_bin-620	annotated species	cluster35		Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	AWTP1-31 sp903946795
GCA_943354005.1_MsH-30jul19-11	novel species	cluster36	cluster36	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	
GCA_943358135.1_MsH-01oct19-288	novel species	cluster36		Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	
GCA_026395395.1_ASM2639539v1	novel species	cluster37	cluster37	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	
GCA_943354725.1_RH-27jun17-331	novel species	cluster38	cluster38	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	
GCA_026395435.1_ASM2639543v1	novel species	cluster39	cluster39	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	
GCA_903821315.1_freshwater_MAG_---_AM-lipid-01-D2_bin-004	annotated species	cluster40		Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	CAIOMD01	CAIOMD01 sp903859365
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074	annotated species	cluster40		Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	CAIOMD01	CAIOMD01 sp903859365
GCA_903832815.1_freshwater_MAG_---_AM-lipid-01-D1_bin-110	annotated species	cluster40		Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	CAIOMD01	CAIOMD01 sp903859365
GCA_903859365.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0353	annotated species	cluster40	cluster40	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	CAIOMD01	CAIOMD01 sp903859365
GCA_903829335.1_freshwater_MAG_---_AM-lipid-02-D1_bin-0304	annotated species	cluster41		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01 sp903840315
GCA_903840315.1_freshwater_MAG_---_AM-lipid-02-D2_bin-0413	annotated species	cluster41	cluster41	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01 sp903840315
GCA_903856615.1_freshwater_MAG_---_AM-lipid-01-D3_bin-1021	annotated species	cluster41		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01 sp903840315
GCA_903859325.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0230	annotated species	cluster41		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01 sp903840315
GCA_903894915.1_freshwater_MAG_---_AlinenLipids_bin-5330	annotated species	cluster41		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01 sp903840315
GCA_903918245.1_freshwater_MAG_---_AM-lipid-01-D1_bin-099	annotated species	cluster41		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01 sp903840315
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663	novel species	cluster42	cluster42	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	
GCA_025451045.1_ASM2545104v1	novel species	cluster43	cluster43	Patescibacteria	Saccharimonadia	Saccharimonadales	2-12-FULL-41-12	JACRNE01	
GCA_027315225.1_ASM2731522v1	novel species	cluster44	cluster44	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	RGVC01	
GCA_016699935.1_ASM1669993v1	annotated species	cluster45	cluster45	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA-2746885	GCA-2746885 sp016699935
GCA_016700375.1_ASM1670037v1	annotated species	cluster46	cluster46	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA-2746885	GCA-2746885 sp016700375

GCA_016699955.1_ASM1669995v1	annotated species	cluster47	cluster47	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA-2746885	GCA-2746885 sp016699955
GCA_024635495.1_ASM2463549v1	novel genus	cluster48	cluster48	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665		
GCA_027450065.1_ASM2745006v1	novel genus	cluster49	cluster49	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665		
GCA_002746885.1_ASM274688v1	annotated species	cluster50	cluster50	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA-2746885	GCA-2746885 sp002746885
GCA_016789655.1_ASM1678965v1	annotated species	cluster51	cluster51	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA-2746885	GCA-2746885 sp016789655
GCA_003516025.1_ASM351602v1	annotated species	cluster52	cluster52	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4665	UBA4665 sp003516025
GCA_016700315.1_ASM1670031v1	annotated species	cluster53	cluster53	Patescibacteria	Saccharimonadia	Saccharimonadales	SZUA-47	GCA-016700315	GCA-016700315 sp016700315
GCA_026395375.1_ASM2639537v1	novel genus	cluster54	cluster54	Patescibacteria	Saccharimonadia	Saccharimonadales	AQU-01		
GCA_002792275.1_ASM279227v1	annotated species	cluster55	cluster55	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	UBA5150 sp002792275
GCA_013289705.1_ASM1328970v1	annotated species	cluster56	cluster56	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	JACMPA01	JACMPA01 sp013289705
GCA_022841445.1_ASM2284144v1	novel genus	cluster57	cluster57	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212		
GCA_022842995.1_ASM2284299v1	novel genus	cluster58	cluster58	Patescibacteria	Saccharimonadia	Saccharimonadales	2-12-FULL-41-12		
GCA_027356525.1_ASM2735652v1	novel genus	cluster59	cluster59	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665		
GCA_016219345.1_ASM1621934v1	annotated species	cluster60	cluster60	Patescibacteria	Saccharimonadia	Saccharimonadales	2-12-FULL-41-12	JACRNE01	JACRNE01 sp016219345
GCA_027365795.1_ASM2736579v1	novel genus	cluster61	cluster61	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027426835.1_ASM2742683v1	novel genus	cluster62	cluster62	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027366295.1_ASM2736629v1	novel genus	cluster63		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027426775.1_ASM2742677v1	novel genus	cluster63		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027426815.1_ASM2742681v1	novel genus	cluster63	cluster63	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027338765.1_ASM2733876v1	novel genus	cluster64	cluster64	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027340655.1_ASM2734065v1	novel genus	cluster65	cluster65	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027328705.1_ASM2732870v1	novel genus	cluster66	cluster66	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027426875.1_ASM2742687v1	novel genus	cluster67	cluster67	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027334585.1_ASM2733458v1	novel genus	cluster68	cluster68	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027449065.1_ASM2744906v1	novel genus	cluster69	cluster69	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027331915.1_ASM2733191v1	novel genus	cluster70	cluster70	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427115.1_ASM2742711v1	novel genus	cluster70		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427155.1_ASM2742715v1	novel genus	cluster70		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027351585.1_ASM2735158v1	novel genus	cluster71		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427035.1_ASM2742703v1	novel genus	cluster71	cluster71	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427055.1_ASM2742705v1	novel genus	cluster71		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027345405.1_ASM2734540v1	novel genus	cluster72	cluster72	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027331975.1_ASM2733197v1	novel genus	cluster73	cluster73	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427475.1_ASM2742747v1	novel genus	cluster73		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027323755.1_ASM2732375v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427015.1_ASM2742701v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427495.1_ASM2742749v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427515.1_ASM2742751v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427535.1_ASM2742753v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427555.1_ASM2742755v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427575.1_ASM2742757v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427595.1_ASM2742759v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427615.1_ASM2742761v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427655.1_ASM2742765v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427675.1_ASM2742767v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427695.1_ASM2742769v1	novel genus	cluster74	cluster74	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427715.1_ASM2742771v1	novel genus	cluster74		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027332225.1_ASM2733222v1	novel genus	cluster75		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427135.1_ASM2742713v1	novel genus	cluster75		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427215.1_ASM2742721v1	novel genus	cluster75	cluster75	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027446985.1_ASM2744698v1	novel genus	cluster75		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427195.1_ASM2742719v1	novel genus	cluster76		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427235.1_ASM2742723v1	novel genus	cluster76		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427255.1_ASM2742725v1	novel genus	cluster76	cluster76	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027327265.1_ASM2732726v1	novel genus	cluster77		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027426955.1_ASM2742695v1	novel genus	cluster77	cluster77	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027426975.1_ASM2742697v1	novel genus	cluster77		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027426995.1_ASM2742699v1	novel genus	cluster77		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027326965.1_ASM2732696v1	novel genus	cluster78		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427755.1_ASM2742775v1	novel genus	cluster78		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427775.1_ASM2742777v1	novel genus	cluster78		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427795.1_ASM2742779v1	novel genus	cluster78		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427835.1_ASM2742783v1	novel genus	cluster78	cluster78	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427915.1_ASM2742791v1	novel genus	cluster78		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427875.1_ASM2742787v1	novel genus	cluster79	cluster79	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027426915.1_ASM2742691v1	novel genus	cluster80	cluster80	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027340605.1_ASM2734060v1	novel genus	cluster81	cluster81	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427395.1_ASM2742739v1	novel genus	cluster81		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427415.1_ASM2742741v1	novel genus	cluster81		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027459425.1_ASM2745942v1	novel genus	cluster82	cluster82	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027427295.1_ASM2742729v1	novel genus	cluster83	cluster83	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		
GCA_027447005.1_ASM2744700v1	novel genus	cluster83		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A		

GCA_027426655.1_ASM2742665v1	novel genus	cluster84		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A			
GCA_027426675.1_ASM2742667v1	novel genus	cluster84	cluster84	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A			
GCA_027426695.1_ASM2742669v1	novel genus	cluster84		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A			
GCA_003231925.1_ASM323192v1	annotated species	cluster85	cluster85	Patescibacteria	Saccharimonadia	Saccharimonadales	SZUA-47	SZUA-47	SZUA-47 sp003231925	
GCA_007120515.1_ASM712051v1	annotated species	cluster86		Patescibacteria	Saccharimonadia	Saccharimonadales	SLHW01	SLHW01	SLHW01 sp007135955	
GCA_007127855.1_ASM712785v1	annotated species	cluster86		Patescibacteria	Saccharimonadia	Saccharimonadales	SLHW01	SLHW01	SLHW01 sp007135955	
GCA_007135955.1_ASM713595v1	annotated species	cluster86	cluster86	Patescibacteria	Saccharimonadia	Saccharimonadales	SLHW01	SLHW01	SLHW01 sp007135955	
GCA_027492535.1_ASM2749253v1	novel species	cluster87	cluster87	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018406-56_RA_saliva.metaspades.bin.71	novel genus	cluster88	cluster88	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae			
GCA_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG	novel genus	cluster89	cluster89	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665			
GCA_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG	novel genus	cluster90	cluster90	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665			
GCA_027325955.1_ASM2732595v1	novel genus	cluster91	cluster91	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665			
GCA_002381545.1_ASM238154v1	annotated species	cluster92		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp002413425	
GCA_002404315.1_ASM240431v1	annotated species	cluster92		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp002413425	
GCA_002413425.1_ASM241342v1	annotated species	cluster92	cluster92	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp002413425	
GCA_015655045.1_ASM1565504v1	annotated species	cluster93	cluster93	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp015655045	
GCA_002404195.1_ASM240419v1	annotated species	cluster94	cluster94	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6022	UBA6022 sp002404195	
GCA_002427805.1_ASM242780v1	annotated species	cluster95	cluster95	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp002427805	
GCA_002429245.1_ASM242924v1	annotated species	cluster96	cluster96	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175 sp002429245	
GCA_004100325.1_ASM410032v1	annotated species	cluster97	cluster97	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175 sp004100325	
GCA_027450165.1_ASM2745016v1	novel genus	cluster98	cluster98	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547			
GCA_002381485.1_ASM238148v1	annotated species	cluster99	cluster99	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175 sp002381485	
GCA_023253175.1_ASM2325317v1	novel species	cluster100	cluster100	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACDFO01		
GCA_025450135.1_ASM2545013v1	novel genus	cluster101	cluster101	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665			
GCA_016178135.1_ASM1617813v1	annotated species	cluster102	cluster102	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACOTW01	JACOTW01 sp016178135	
GCA_016196105.1_ASM1619610v1	annotated species	cluster102		Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACOTW01	JACOTW01 sp016178135	
GCA_943350085.1_RH-15aug16-19	novel species	cluster103		Patescibacteria	Saccharimonadia	Saccharimonadales	OMJO01	OMJO01		
GCA_943353165.1_RH-20apr16-349	novel species	cluster103	cluster103	Patescibacteria	Saccharimonadia	Saccharimonadales	OMJO01	OMJO01		
GCA_002404125.1_ASM240412v1	annotated species	cluster104		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4729	UBA4729 sp002413865	
GCA_002413865.1_ASM241386v1	annotated species	cluster104	cluster104	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4729	UBA4729 sp002413865	
GCA_002405335.1_ASM240533v1	annotated species	cluster105		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4665	UBA4665 sp002413835	
GCA_002413835.1_ASM241383v1	annotated species	cluster105	cluster105	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4665	UBA4665 sp002413835	
GCA_002404255.1_ASM240425v1	annotated species	cluster106		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4665	UBA4665 sp002413755	
GCA_002413755.1_ASM241375v1	annotated species	cluster106	cluster106	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4665	UBA4665 sp002413755	
GCA_013815785.1_ASM1381578v1	annotated species	cluster107	cluster107	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACDFO01	JACDFO01 sp013815785	
GCA_025924835.1_ASM2592483v1	novel species	cluster108	cluster108	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACDFO01		
GCA_001897305.1_ASM189730v1	annotated species	cluster109		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175 sp001897305	
GCA_017307155.1_ASM1730715v1	annotated species	cluster109	cluster109	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175 sp001897305	
GCA_001897295.1_ASM189729v1	annotated species	cluster110	cluster110	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175 sp001897295	
GCA_946480535.1_SRR14536364_bin.32_metawrap_v1.3.0_MAG	novel species	cluster111	cluster111	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175		
GCA_025349965.1_ASM2534996v1	novel species	cluster112	cluster112	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175		
GCA_016866755.1_JGI_2017-08-21	annotated species	cluster113	cluster113	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	VGLK01	VGLK01 sp016866755	
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG	novel species	cluster114	cluster114	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
GCA_000392435.1_ASM39243v1	annotated species	cluster115	cluster115	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas aalborgensis	
GCA_002322785.1_ASM232278v1	annotated species	cluster115		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas aalborgensis	
GCA_002337155.1_ASM233715v1	annotated species	cluster115		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas aalborgensis	
GCA_016699065.1_ASM1669906v1	annotated species	cluster115		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas aalborgensis	
GCA_016700355.1_ASM1670035v1	annotated species	cluster115		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas aalborgensis	
GCA_016700395.1_ASM1670039v1	annotated species	cluster115		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas aalborgensis	
GCA_016700015.1_ASM1670001v1	annotated species	cluster116	cluster116	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp016700015	
GCA_001873625.1_ASM187362v1	annotated species	cluster117	cluster117	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp001873625	
GCA_002323055.1_ASM232305v1	annotated species	cluster117		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp001873625	
GCA_002788895.1_ASM278889v1	annotated species	cluster117		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp001873625	
GCA_002792255.1_ASM279225v1	annotated species	cluster117		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp001873625	
GCA_002793725.1_ASM279372v1	annotated species	cluster117		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp001873625	
GCA_002795915.1_ASM279591v1	annotated species	cluster117		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp001873625	
GCA_009994745.1_ASM999474v1	annotated species	cluster117		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp001873625	
GCA_022736555.1_ASM2273655v1	novel species	cluster118	cluster118	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547		
GCA_943354985.1_Jr-19feb18-57	annotated species	cluster119	cluster119	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp903899655	
GCA_026395405.1_ASM2639540v1	novel species	cluster120	cluster120	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547		
GCA_002839415.1_ASM283941v1	annotated species	cluster121	cluster121	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp002839415	
GCA_016234585.1_ASM1623458v1	annotated species	cluster122	cluster122	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	21-14-0-10-47-8-A	21-14-0-10-47-8-A sp016234585	
GCA_019662065.1_ASM1966206v1	novel genus	cluster123	cluster123	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212			
GCA_025449905.1_ASM2544990v1	novel species	cluster124	cluster124	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212_A	2-02-FULL-47-12		
GCA_016187125.1_ASM1618712v1	annotated species	cluster125	cluster125	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	JACPKF01	JACPKF01 sp016187125	
GCA_016187175.1_ASM1618717v1	annotated species	cluster126	cluster126	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	UBA6824	UBA6824 sp016187175	
GCA_002413795.1_ASM241379v1	annotated species	cluster127	cluster127	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	UBA5150 sp002413795	
GCA_002452155.1_ASM245215v1	annotated species	cluster128	cluster128	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	UBA6824	UBA6824 sp002452155	
GCA_002337095.1_ASM233709v1	annotated species	cluster129	cluster129	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp002337095	
GCA_027493025.1_ASM2749302v1	novel genus	cluster130	cluster130	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946			
GCA_009787015.1_ASM978701v1	annotated species	cluster131		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	WRGU01	WRGU01 sp009787015	
GCA_009787245.1_ASM978724v1	annotated species	cluster131	cluster131	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	WRGU01	WRGU01 sp009787015	

GCA_002441585.1_ASM244158v1	annotated species	cluster132	cluster132	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA6224	UBA6224 sp002441585	
GCA_025928155.1_ASM2592815v1	novel genus	cluster133	cluster133	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665			
GCA_027492975.1_ASM2749297v1	novel species	cluster134	cluster134	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946	RZYF01		
GCA_009776375.1_ASM977637v1	annotated species	cluster135	cluster135	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	WQXA01	WQXA01 sp009776375	
GCA_009785095.1_ASM978509v1	annotated species	cluster136	cluster136	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	WQXA01	WQXA01 sp009785095	
R0170300133_tooth_RA.megahit.bin.60	novel species	cluster137	cluster137	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
SZAXPI018279-94_RA_dental.metaspades.bin.16	novel species	cluster138	cluster138	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
RSZAXPI002614-22_RA_dental.metaspades.bin.18	novel species	cluster139	cluster139	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
SZAXPI018096-17_RA_dental.metaspades.bin.67	novel species	cluster140	cluster140	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300120_tooth_RA.megahit.bin.52	novel species	cluster141	cluster141	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300121_tooth_RA.megahit.bin.23	novel species	cluster141		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300302_tooth_RAH.megahit.bin.56	novel species	cluster141		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
RSZAXPI002603-21_RA_dental.metaspades.bin.30	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
RSZAXPI002627-75_RA_dental.metaspades.bin.25	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
RSZAXPI002633-90_RA_dental.metaspades.bin.54	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
RSZAXPI002675-22_RA_dental.metaspades.bin.45	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
SZAXPI018097-18_RA_dental.metaspades.bin.87	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
SZAXPI018282-108_RA_dental.metaspades.bin.70	novel species	cluster142	cluster142	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
RSZYD18078111_A_saliva.metaspades.bin.26	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300110_tooth_RA.megahit.bin.49	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300187_tooth_RA.megahit.bin.41	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300203_tooth_RA.megahit.bin.29	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300205_tooth_RA.megahit.bin.38	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300206_tooth_RA.megahit.bin.6	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300255_tooth_RAH.megahit.bin.7	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300266_tooth_RAH.megahit.bin.24	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300285_tooth_RAH.megahit.bin.21	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300308_tooth_RAH.megahit.bin.62	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300326_tooth_RA.megahit.bin.12	novel species	cluster142		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
R0170300355_saliva_RA.megahit.bin.8	novel species	cluster143	cluster143	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
GCA_013333515.2_ASM1333351v2	annotated species	cluster144	cluster144	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp013333515	
GCA_905365345.1_ERZ1645002-mag-bin.1	annotated species	cluster145	cluster145	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp905365345	
GCA_947090635.1_SRR11749285_bin.3_metaWRAP_v1.3_MAG	novel species	cluster218	cluster218	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
GCA_947253235.1_SRR17635697_bin.12_metaWRAP_v1.3_MAG	novel species	cluster218		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
GCA_004136275.1_ASM413627v1	annotated species	cluster219	cluster219	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp004136275	
GCA_946890805.1_SRR12830918_bin.6_metaWRAP_v1.3_MAG	annotated species	cluster219		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp004136275	
GCA_946890675.1_ERR9530663_bin.14_metaWRAP_v1.3_MAG	annotated species	cluster220		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp004136275	
GCA_946890795.1_SRR12830924_bin.6_metaWRAP_v1.3_MAG	annotated species	cluster220	cluster220	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp004136275	
GCA_946998385.1_SRR16916860_bin.6_metaWRAP_v1.3_MAG	annotated species	cluster220		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp004136275	
GCA_947253565.1_SRR17635649_bin.4_metaWRAP_v1.3_MAG	annotated species	cluster220		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp004136275	
GCA_947253955.1_SRR17635595_bin.5_metaWRAP_v1.3_MAG	novel species	cluster220		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
GCA_946997535.1_SRR16916865_bin.12_metaWRAP_v1.3_MAG	novel species	cluster221	cluster221	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
GCA_947253945.1_SRR17635701_bin.9_metaWRAP_v1.3_MAG	novel species	cluster222	cluster222	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
GCA_009783235.1_ASM978323v1	annotated species	cluster223	cluster223	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	WRHN01	WRHN01 sp009783235	
GCA_016699895.1_ASM1669989v1	annotated species	cluster224	cluster224	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	GCA-016699895	GCA-016699895 sp016699895	
GCA_027492735.1_ASM2749273v1	novel species	cluster225	cluster225	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	GCA-016699895		
GCA_002313515.1_ASM231351v1	annotated species	cluster226	cluster226	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp002313515	
GCA_002437225.1_ASM243722v1	annotated species	cluster226		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp002313515	
GCA_902461855.1_UHGG-TPA_MGYG-HGUT-00376	novel species	cluster227	cluster227	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
GCA_934725355.1_ERR7738173_bin.40	novel species	cluster228	cluster228	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus		
GCA_013333595.2_ASM1333359v2	annotated species	cluster229	cluster229	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp013333595	
SRR8114033.metaspades.bin.42	annotated species	cluster229		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp013333595	
RSZAXPI002471-106_2_RAH_saliva.metaspades.bin.25	annotated species	cluster229		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp013333595	
SZAXPI018357-22_RA_saliva.metaspades.bin.71	novel species	cluster230	cluster230	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01		
RSZAXPI002609-25_RA_dental.metaspades.bin.20	novel species	cluster231		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300114_tooth_RA.megahit.bin.56	novel species	cluster231		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300295_tooth_RAH.megahit.bin.55	novel species	cluster231	cluster231	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300137_tooth_RA.megahit.bin.43	novel species	cluster232		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300252_tooth_RAH.megahit.bin.91	novel species	cluster232	cluster232	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300319_tooth_RAH.megahit.bin.124	novel species	cluster233	cluster233	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
GCA_015257665.1_ASM1525766v1	annotated species	cluster234	cluster234	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257665	
GCA_927911635.1_ERR3827207_bin.3_metaWRAP_v1.1_MAG	annotated species	cluster234		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257665	
RSZAXPI002311-20_RAH_dental.metaspades.bin.31	annotated species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257665	
R0170300253_tooth_RAH.megahit.bin.13	annotated species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257665	
R0170300257_tooth_RAH.megahit.bin.108	annotated species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257665	
RSZAXPI002318-27_RAH_dental.metaspades.bin.13	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002321-33_RAH_dental.metaspades.bin.23	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002330-47_RAH_dental.metaspades.bin.66	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002636-95_RA_dental.metaspades.bin.34	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018102-23_RA_dental.metaspades.bin.20	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018188-46_RA_dental.metaspades.bin.49	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018280-95_RA_dental.metaspades.bin.20	novel species	cluster235	cluster235	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		

SZAXPI018285-113_RA_dental.metaspades.bin.57	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018315-17_RA_dental.metaspades.bin.12	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300135_tooth_RA.megahit.bin.82	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300271_tooth_RAH.megahit.bin.97	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300285_tooth_RAH.megahit.bin.82	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300299_tooth_RAH.megahit.bin.100	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300302_tooth_RAH.megahit.bin.78	novel species	cluster235		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002653-13_RA_saliva.metaspades.bin.41	novel species	cluster236		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018187-45_RA_dental.metaspades.bin.28	novel species	cluster236		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RDPYD18300192_A_saliva.metaspades.bin.52	novel species	cluster236	cluster236	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RDPYD18300405_A_saliva.metaspades.bin.82	novel species	cluster236		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZYD18078042_A_saliva.metaspades.bin.39	novel species	cluster236		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300160_tooth_RA.megahit.bin.83	novel species	cluster236		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300241_tooth_RAH.megahit.bin.28	novel species	cluster236		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300147_tooth_RA.megahit.bin.4	novel species	cluster237	cluster237	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018318-20_RA_dental.metaspades.bin.6	novel species	cluster238	cluster238	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300258_tooth_RAH.megahit.bin.41	novel species	cluster239	cluster239	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
GCA_004100265.1_ASM410026v1	annotated species	cluster264	cluster264	Patescibacteria	Saccharimonadia	Saccharimonadales	AMD01	AMD01	AMD01 sp004100265	
GCA_016176605.1_ASM1617660v1	annotated species	cluster265	cluster265	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	UBA6824	UBA6824 sp016176605	
GCA_018062805.1_ASM1806280v1	annotated species	cluster266	cluster266	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	JAGORN01	JAGORN01 sp018062805	
GCA_020428005.1_ASM2042800v1	novel genus	cluster267	cluster267	Patescibacteria	Saccharimonadia	Saccharimonadales	SLHW01			
GCA_007131065.1_ASM713106v1	annotated species	cluster268	cluster268	Patescibacteria	Saccharimonadia	QS-5-54-17	QS-5-54-17	SLRF01	SLRF01 sp007131065	
RSZAXPI002313-22_RAH_dental.metaspades.bin.34	novel family	cluster269		Patescibacteria	saccharimonadia	Saccharimonadales				
RSZAXPI002465-98_2_RAH_saliva.metaspades.bin.9	novel family	cluster269		Patescibacteria	saccharimonadia	Saccharimonadales				
SZAXPI018103-24_RA_dental.metaspades.bin.40	novel family	cluster269		Patescibacteria	saccharimonadia	Saccharimonadales				
RSZYD18187059_A_saliva.metaspades.bin.27	novel family	cluster269		Patescibacteria	saccharimonadia	Saccharimonadales				
R0170300213_tooth_RA.megahit.bin.11	novel family	cluster269		Patescibacteria	saccharimonadia	Saccharimonadales				
R0170300248_tooth_RAH.megahit.bin.109	novel family	cluster269	cluster269	Patescibacteria	saccharimonadia	Saccharimonadales				
R0170300249_tooth_RAH.megahit.bin.28	novel family	cluster269		Patescibacteria	saccharimonadia	Saccharimonadales				
R0170300303_tooth_RAH.megahit.bin.44	novel family	cluster269		Patescibacteria	saccharimonadia	Saccharimonadales				
SZAXPI018312-14_RA_dental.metaspades.bin.67	novel family	cluster270	cluster270	Patescibacteria	saccharimonadia	Saccharimonadales				
RDPYD18300183_A_saliva.metaspades.bin.81	novel family	cluster270		Patescibacteria	saccharimonadia	Saccharimonadales				
R0170300217_tooth_RA.megahit.bin.23	novel family	cluster271	cluster271	Patescibacteria	saccharimonadia	Saccharimonadales				
R0170300306_tooth_RAH.megahit.bin.102	novel family	cluster271		Patescibacteria	saccharimonadia	Saccharimonadales				
GCA_947097085.1_SRR8786267_bin.10_metaWRAP_v1.3_MAG	novel family	cluster272	cluster272	Patescibacteria	Saccharimonadia	Saccharimonadales				
R0170300279_tooth_RAH.megahit.bin.93	novel family	cluster273	cluster273	Patescibacteria	saccharimonadia	Saccharimonadales				
R0170300162_tooth_RA.megahit.bin.4	novel family	cluster274	cluster274	Patescibacteria	saccharimonadia	Saccharimonadales				
GCA_004151455.1_ASM415145v1	annotated species	cluster275		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis gingivitcus	
RDPYD18300323_A_saliva.metaspades.bin.46	annotated species	cluster275		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis gingivitcus	
RSZYD18078234_A_saliva.metaspades.bin.10	annotated species	cluster275		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis gingivitcus	
RSZYD18078748_A_saliva.metaspades.bin.42	annotated species	cluster275		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis gingivitcus	
RSZYD18187216_A_saliva.metaspades.bin.13	annotated species	cluster275		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis gingivitcus	
RSZYD18187458_A_saliva.metaspades.bin.36	annotated species	cluster275		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis gingivitcus	
RDPYD18098326_A_saliva.metaspades.bin.7	annotated species	cluster275	cluster275	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis gingivitcus	
RDPYD18098375_A_saliva.metaspades.bin.22	annotated species	cluster275		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis gingivitcus	
RDPYD18098936_A_saliva.metaspades.bin.10	annotated species	cluster275		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis gingivitcus	
RDPYD18201938_A_saliva.metaspades.bin.59	annotated species	cluster275		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis gingivitcus	
RSZAXPI002305-14_RAH_dental.metaspades.bin.61	novel species	cluster276		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZAXPI002331-56_RAH_dental.metaspades.bin.80	novel species	cluster276		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
SZAXPI018286-123_RA_dental.metaspades.bin.45	novel species	cluster276	cluster276	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
SZAXPI018315-17_RA_dental.metaspades.bin.21	novel species	cluster276		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
SZAXPI018484-16_RA_saliva.metaspades.bin.36	novel species	cluster276		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZAXPI002314-23_RAH_dental.metaspades.bin.46	novel species	cluster277		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
R0170300119_tooth_RA.megahit.bin.12	novel species	cluster277	cluster277	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
SZAXPI018317-19_RA_dental.metaspades.bin.69	novel species	cluster278	cluster278	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18300091_A_saliva.metaspades.bin.39	novel species	cluster279	cluster279	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZYD18078482_A_saliva.metaspades.bin.17	novel species	cluster279		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18088805_A_saliva.metaspades.bin.25	novel species	cluster280	cluster280	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZYD18187023_A_saliva.metaspades.bin.32	novel species	cluster280		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
GCA_015257785.3_ASM1525778v3	annotated species	cluster281	cluster281	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
GCA_015257795.3_ASM1525779v3	annotated species	cluster281		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
GCA_015257815.1_ASM1525781v1	annotated species	cluster281		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
SRR6748223.metaspades.bin.6	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
SRR8114052.metaspades.bin.61	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
RSZAXPI002306-15_2_RAH_saliva.metaspades.bin.36	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
RSZAXPI002470-105_2_RAH_saliva.metaspades.bin.33	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
RSZAXPI002470-105_RAH_saliva.metaspades.bin.10	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
SZAXPI018354-19_RA_saliva.metaspades.bin.46	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
SZAXPI018397-37_RA_saliva.metaspades.bin.28	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
SZAXPI018433-84_RA_saliva.metaspades.bin.87	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
SZAXPI018436-90_RA_saliva.metaspades.bin.9	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	
SZAXPI018490-22_RA_saliva.metaspades.bin.30	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795	

RDPYD18189852_A_saliva.metaspades.bin.58	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RDPYD18189907_A_saliva.metaspades.bin.2	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RDPYD18300381_A_saliva.metaspades.bin.93	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RSZYD18078088_A_saliva.metaspades.bin.16	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RSZYD18078181_A_saliva.metaspades.bin.55	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RSZYD18078467_A_saliva.metaspades.bin.16	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RSZYD18078590_A_saliva.metaspades.bin.50	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RSZYD18187382_A_saliva.metaspades.bin.10	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RSZYD18187537_A_saliva.metaspades.bin.34	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RSZYD18187614_A_saliva.metaspades.bin.13	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RSZYD18187801_A_saliva.metaspades.bin.74	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
R0170300336_saliva_RA.megahit.bin.72	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
R0170300356_saliva_RA.megahit.bin.101	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
R0170300378_saliva_RAH.megahit.bin.43	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RDPYD18098998_A_saliva.metaspades.bin.11	annotated species	cluster281		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RDPYD18099036_A_saliva.metaspades.bin.59	annotated species	cluster281		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RDPYD18123882_A_tongue.metaspades.bin.29	annotated species	cluster281		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
RDPYD18201913_A_saliva.metaspades.bin.10	annotated species	cluster281		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
YS000161_saliva.spades.bin.8	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
YS000257_saliva.spades.bin.31	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
YS000259_saliva.spades.bin.14	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
YS000721_saliva.spades.bin.7	annotated species	cluster281		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp015257795
GCA_934717805.1_ERR7745621_bin.22	novel species	cluster282	cluster282	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	
RDPYD18189905_A_saliva.metaspades.bin.29	novel species	cluster283	cluster283	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	
RSZYD18078555_A_saliva.metaspades.bin.67	novel species	cluster283		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	
RSZYD18187116_A_saliva.metaspades.bin.9	novel species	cluster283		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	
RDPYD18201891_A_saliva.metaspades.bin.24	novel species	cluster283		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	
ERR2764804.metaspades.bin.10	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
SZAXPI018359-24_RA_saliva.metaspades.bin.78	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18088838_A_saliva.metaspades.bin.60	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18088954_A_saliva.metaspades.bin.47	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18189812_A_saliva.metaspades.bin.9	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18300020_A_saliva.metaspades.bin.20	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18300134_A_saliva.metaspades.bin.113	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18300202_A_saliva.metaspades.bin.45	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18300323_A_saliva.metaspades.bin.59	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18078463_A_saliva.metaspades.bin.4	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18078481_A_saliva.metaspades.bin.7	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18078579_A_saliva.metaspades.bin.26	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18078622_A_saliva.metaspades.bin.17	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18078674_A_saliva.metaspades.bin.36	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18078713_A_saliva.metaspades.bin.36	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18078749_A_saliva.metaspades.bin.35	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18078760_A_saliva.metaspades.bin.11	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18187119_A_saliva.metaspades.bin.9	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18187311_A_saliva.metaspades.bin.30	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18187316_A_saliva.metaspades.bin.18	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18187438_A_saliva.metaspades.bin.51	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18187711_A_saliva.metaspades.bin.3	annotated species	cluster284		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18097490_A_saliva.metaspades.bin.7	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18097506_A_saliva.metaspades.bin.46	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18097572_A_saliva.metaspades.bin.15	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18097607_A_saliva.metaspades.bin.40	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18098299_A_saliva.metaspades.bin.46	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18098470_A_saliva.metaspades.bin.42	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18098496_A_saliva.metaspades.bin.7	annotated species	cluster284	cluster284	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18098785_A_saliva.metaspades.bin.37	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18098844_A_saliva.metaspades.bin.18	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18098861_A_saliva.metaspades.bin.17	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18098888_A_saliva.metaspades.bin.8	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18098980_A_saliva.metaspades.bin.28	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18201616_A_saliva.metaspades.bin.6	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18201683_A_saliva.metaspades.bin.7	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18201698_A_saliva.metaspades.bin.50	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18201735_A_saliva.metaspades.bin.32	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18201775_A_saliva.metaspades.bin.17	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18201791_A_saliva.metaspades.bin.75	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18201945_A_saliva.metaspades.bin.17	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RDPYD18201957_A_saliva.metaspades.bin.16	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18187756_A_saliva.metaspades.bin.35	annotated species	cluster284		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900556165
RSZYD18078623_A_saliva.metaspades.bin.44	novel species	cluster285	cluster285	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	
R0170300141_tooth_RA.megahit.bin.72	novel species	cluster286	cluster286	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	

RSZYD18187349_A_saliva.metaspades.bin.40	novel species	cluster287	cluster287	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
R0170300232_tooth_RA.megahit.bin.71	novel species	cluster288	cluster288	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZYD18078262_A_saliva.metaspades.bin.69	novel species	cluster289	cluster289	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
SZAXPI018452-169_1_RA_saliva.metaspades.bin.16	novel species	cluster290	cluster290	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18098889_A_saliva.metaspades.bin.64	novel species	cluster291	cluster291	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
SRR8114071.metaspades.bin.18	novel species	cluster292	cluster292	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZYD18187447_A_saliva.metaspades.bin.38	novel species	cluster293	cluster293	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
SZAXPI018453-13_RA_saliva.metaspades.bin.65	novel species	cluster294		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18088813_A_saliva.metaspades.bin.37	novel species	cluster294		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18189965_A_saliva.metaspades.bin.61	novel species	cluster294		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZYD18078446_A_saliva.metaspades.bin.25	novel species	cluster294		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZYD18078705_A_saliva.metaspades.bin.21	novel species	cluster294		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZYD18187045_A_saliva.metaspades.bin.39	novel species	cluster294		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZYD18187124_A_saliva.metaspades.bin.16	novel species	cluster294		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZYD18187344_A_saliva.metaspades.bin.53	novel species	cluster294		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RSZYD18187663_A_saliva.metaspades.bin.60	novel species	cluster294		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
R0170300104_tooth_RA.megahit.bin.12	novel species	cluster294		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18097580_A_saliva.metaspades.bin.29	novel species	cluster294		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18098308_A_saliva.metaspades.bin.70	novel species	cluster294		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18098560_A_saliva.metaspades.bin.42	novel species	cluster294		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18098912_A_saliva.metaspades.bin.38	novel species	cluster294	cluster294	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18098916_A_saliva.metaspades.bin.11	novel species	cluster294		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18098996_A_saliva.metaspades.bin.18	novel species	cluster294		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18201685_A_saliva.metaspades.bin.24	novel species	cluster294		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
RDPYD18201938_A_saliva.metaspades.bin.16	novel species	cluster294		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis		
GCA_010014525.1_ASM1001452v1	annotated species	cluster298	cluster298	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp010014525	
GCA_018058565.1_ASM1805856v1	annotated species	cluster299	cluster299	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp017992395	
GCA_001029695.1_ASM102969v1	annotated species	cluster300	cluster300	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17 sp001029695	
GCA_001790385.1_ASM179038v1	annotated species	cluster300		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17 sp001029695	
GCA_001790535.1_ASM179053v1	annotated species	cluster300		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17 sp001029695	
GCA_003508055.1_ASM350805v1	annotated species	cluster300		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17 sp001029695	
GCA_015999845.1_ASM1599984v1	annotated species	cluster300		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17 sp001029695	
GCA_015999865.1_ASM1599986v1	annotated species	cluster300		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17 sp001029695	
GCA_016000075.1_ASM1600007v1	annotated species	cluster300		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17 sp001029695	
GCA_016432585.1_ASM1643258v1	annotated species	cluster301	cluster301	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6022	UBA6022 sp016432585	
GCA_946479115.1_ERR5385026_bin.7_metawrap_v1.3.0_MAG	novel species	cluster302	cluster302	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6022		
GCA_016196195.1_ASM1619619v1	annotated species	cluster303	cluster303	Patescibacteria	Saccharimonadia	Saccharimonadales	JACPYF01	JACPYF01	JACPYF01 sp016196195	
GCA_000503915.1_ASM50391v1	annotated species	cluster304	cluster304	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp000503915	
GCA_003537595.1_ASM353759v1	annotated species	cluster304		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp000503915	
GCA_014377525.1_ASM1437752v1	annotated species	cluster305	cluster305	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4729	UBA4729 sp014377525	
GCA_003246575.1_ASM324657v1	annotated species	cluster306	cluster306	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	SZUA-359	SZUA-359 sp003246575	
GCA_004294965.1_ASM429496v1	novel genus	cluster307	cluster307	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946			
GCA_002441145.1_ASM244114v1	annotated species	cluster308	cluster308	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp002441145	
GCA_027428095.1_ASM2742809v1	novel species	cluster309	cluster309	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
GCA_002343385.1_ASM234338v1	annotated species	cluster310		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002348615	
GCA_002343645.1_ASM234364v1	annotated species	cluster310		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002348615	
GCA_002348615.1_ASM234861v1	annotated species	cluster310	cluster310	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002348615	
GCA_002434055.1_ASM243405v1	annotated species	cluster310		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002348615	
GCA_002343565.1_ASM234356v1	annotated species	cluster311	cluster311	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002348605	
GCA_014377345.1_ASM1437734v1	novel species	cluster312	cluster312	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020		
RSZAXPI002314-23_RAH_dental.metaspades.bin.51	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
RSZAXPI002319-31_RAH_dental.metaspades.bin.72	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
RSZAXPI002324-37_RAH_dental.metaspades.bin.18	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
RSZAXPI002326-41_RAH_dental.metaspades.bin.62	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
RSZAXPI002458-89_RAH_dental.metaspades.bin.78	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
RSZAXPI002606-27_RA_dental.metaspades.bin.59	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
RSZAXPI002619-34_RA_dental.metaspades.bin.16	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
RSZAXPI002657-17_RA_dental.metaspades.bin.13	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018095-16_RA_dental.metaspades.bin.15	annotated species	cluster313	cluster313	Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018096-17_RA_dental.metaspades.bin.59	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018101-22_RA_dental.metaspades.bin.8	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018103-24_RA_dental.metaspades.bin.59	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018178-34_RA_dental.metaspades.bin.62	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018190-56_RA_dental.metaspades.bin.64	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018191-57_RA_dental.metaspades.bin.32	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018275-88_RA_dental.metaspades.bin.50	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018287-129_RA_dental.metaspades.bin.14	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018312-14_RA_dental.metaspades.bin.43	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018313-15_RA_dental.metaspades.bin.16	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018317-19_RA_dental.metaspades.bin.70	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
SZAXPI018320-22_RA_dental.metaspades.bin.29	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	
R0170300055_tooth_RA.megahit.bin.26	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205	

R0170300061_tooth_RA.megahit.bin.113	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300079_tooth_RA.megahit.bin.12	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300098_tooth_RA.megahit.bin.34	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300105_tooth_RA.megahit.bin.100	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300118_tooth_RA.megahit.bin.74	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300119_tooth_RA.megahit.bin.2	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300120_tooth_RA.megahit.bin.14	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300136_tooth_RA.megahit.bin.20	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300145_tooth_RA.megahit.bin.1	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300146_tooth_RA.megahit.bin.21	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300148_tooth_RA.megahit.bin.83	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300151_tooth_RA.megahit.bin.9	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300152_tooth_RA.megahit.bin.50	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300154_tooth_RA.megahit.bin.116	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300161_tooth_RA.megahit.bin.41	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300169_tooth_RA.megahit.bin.51	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300170_tooth_RA.megahit.bin.97	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300193_tooth_RA.megahit.bin.67	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300194_tooth_RA.megahit.bin.108	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300207_tooth_RA.megahit.bin.21	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300208_tooth_RA.megahit.bin.81	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300211_tooth_RA.megahit.bin.23	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300212_tooth_RA.megahit.bin.57	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300213_tooth_RA.megahit.bin.4	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300214_tooth_RA.megahit.bin.54	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300217_tooth_RA.megahit.bin.134	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300219_tooth_RA.megahit.bin.1	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300223_tooth_RA.megahit.bin.44	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300235_tooth_RAH.megahit.bin.85	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300236_tooth_RAH.megahit.bin.77	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300239_tooth_RAH.megahit.bin.64	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300251_tooth_RAH.megahit.bin.83	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300252_tooth_RAH.megahit.bin.46	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300254_tooth_RAH.megahit.bin.73	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300257_tooth_RAH.megahit.bin.13	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300258_tooth_RAH.megahit.bin.73	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300260_tooth_RAH.megahit.bin.14	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300266_tooth_RAH.megahit.bin.13	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300269_tooth_RAH.megahit.bin.29	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300270_tooth_RAH.megahit.bin.51	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300271_tooth_RAH.megahit.bin.109	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300276_tooth_RAH.megahit.bin.19	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300278_tooth_RAH.megahit.bin.14	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300287_tooth_RAH.megahit.bin.57	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300290_tooth_RAH.megahit.bin.111	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300291_tooth_RAH.megahit.bin.82	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300292_tooth_RAH.megahit.bin.27	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300294_tooth_RAH.megahit.bin.42	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300300_tooth_RAH.megahit.bin.1	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300303_tooth_RAH.megahit.bin.161	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
R0170300323_tooth_RAH.megahit.bin.16	annotated species	cluster313		Patescibacteria	saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01 sp007845205
RSZAXPI002604-26_RA_dental.metaspades.bin.30	novel species	cluster314	cluster314	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
R0170300261_tooth_RAH.megahit.bin.18	novel species	cluster314		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
GCA_905372785.1_SRR9217428-mag-bin.23	annotated species	cluster315		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	VGLK01	VGLK01 sp905372785
R0170300092_tooth_RA.megahit.bin.66	annotated species	cluster315		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	VGLK01	VGLK01 sp905372785
R0170300272_tooth_RAH.megahit.bin.12	annotated species	cluster315	cluster315	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	VGLK01	VGLK01 sp905372785
R0170300298_tooth_RAH.megahit.bin.126	annotated species	cluster315		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	VGLK01	VGLK01 sp905372785
GCA_013333495.2_ASM1333349v2	annotated species	cluster316		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	VGLK01	VGLK01 sp013333495
R0170300181_tooth_RA.megahit.bin.83	annotated species	cluster316	cluster316	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	VGLK01	VGLK01 sp013333495
R0170300292_tooth_RAH.megahit.bin.19	novel species	cluster317	cluster317	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZAXPI002313-22_RAH_dental.metaspades.bin.87	novel species	cluster318	cluster318	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_009783305.1_ASM978330v1	annotated species	cluster319	cluster319	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp009783305
GCA_017432705.1_ASM1743270v1	annotated species	cluster320	cluster320	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017510805
GCA_017433845.1_ASM1743384v1	novel species	cluster321	cluster321	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017512085.1_ASM1751208v1	annotated species	cluster322	cluster322	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017512085
GCA_017515265.1_ASM1751526v1	novel species	cluster323	cluster323	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_016283505.1_ASM1628350v1	novel species	cluster324	cluster324	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	
GCA_947307445.1_SRR10912535_bin.43_metaWRAP_v1.3_MAG	novel species	cluster324		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	
GCA_024682595.1_ASM2468259v1	novel species	cluster325	cluster325	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	
GCA_947304395.1_SRR10912535_bin.78_metaWRAP_v1.3_MAG	novel species	cluster326	cluster326	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	
GCA_017457925.1_ASM1745792v1	annotated species	cluster327	cluster327	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp002363515
GCA_946406315.1_SRR12081301_bin.45_metaWRAP_v1.3_MAG	novel species	cluster328	cluster328	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	

GCA_947303945.1_SRR10912540_bin.27_metaWRAP_v1.3_MAG	novel species	cluster329	cluster329	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834		
GCA_002371895.1_ASM237189v1	annotated species	cluster330		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp002371895	
GCA_946619905.1_SRR873600_bin.141_metaWRAP_v1.3_MAG	annotated species	cluster330	cluster330	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp002371895	
GCA_017541245.1_ASM1754124v1	novel species	cluster331	cluster331	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834		
GCA_017437945.1_ASM1743794v1	annotated species	cluster332	cluster332	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017437945	
GCA_017524405.1_ASM1752440v1	annotated species	cluster333	cluster333	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017524405	
GCA_017540725.1_ASM1754072v1	annotated species	cluster333		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017524405	
GCA_946406645.1_SRR12081302_bin.54_metaWRAP_v1.3_MAG	novel species	cluster334	cluster334	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834		
GCA_946404545.1_SRR12081298_bin.7_metaWRAP_v1.3_MAG	annotated species	cluster335	cluster335	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017548735	
GCA_017514805.1_ASM1751480v1	annotated species	cluster336		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017514805	
GCA_946407955.1_SRR12081294_bin.80_metaWRAP_v1.3_MAG	annotated species	cluster336	cluster336	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017514805	
GCA_017510385.1_ASM1751038v1	annotated species	cluster337	cluster337	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017510835	
GCA_946624835.1_SRR873600_bin.13_metaWRAP_v1.3_MAG	novel species	cluster338	cluster338	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834		
GCA_017460065.1_ASM1746006v1	annotated species	cluster339	cluster339	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017460065	
GCA_946408075.1_SRR12081296_bin.6_metaWRAP_v1.3_MAG	novel species	cluster340	cluster340	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834		
GCA_017420225.1_ASM1742022v1	annotated species	cluster341		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017430725	
GCA_017430725.1_ASM1743072v1	annotated species	cluster341	cluster341	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017430725	
GCA_017418275.1_ASM1741827v1	annotated species	cluster342	cluster342	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017418275	
GCA_946411665.1_SRR12081298_bin.32_metaWRAP_v1.3_MAG	annotated species	cluster342		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017418275	
GCA_947304955.1_SRR10912542_bin.53_metaWRAP_v1.3_MAG	annotated species	cluster342		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017418275	
GCA_017531585.1_ASM1753158v1	annotated species	cluster343	cluster343	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834 sp017531585	
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG	novel species	cluster344	cluster344	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834		
GCA_017506895.1_ASM1750689v1	annotated species	cluster345	cluster345	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017506895	
GCA_017510665.1_ASM1751066v1	novel species	cluster346	cluster346	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017545525.1_ASM1754552v1	annotated species	cluster347	cluster347	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017545525	
GCA_017514145.1_ASM1751414v1	novel species	cluster348	cluster348	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017404685.1_ASM1740468v1	annotated species	cluster349	cluster349	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017404685	
GCA_017511205.1_ASM1751120v1	annotated species	cluster350	cluster350	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017511205	
GCA_017514675.1_ASM1751467v1	annotated species	cluster351	cluster351	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017514675	
GCA_024697865.1_ASM2469786v1	novel species	cluster352	cluster352	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017511965.1_ASM1751196v1	annotated species	cluster353	cluster353	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017511965	
GCA_002350545.1_ASM235054v1	annotated species	cluster354		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp002350545	
GCA_947168545.1_SRR8387715_bin.82_metaWRAP_v1.3_MAG	annotated species	cluster354	cluster354	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp002350545	
GCA_017431745.1_ASM1743174v1	annotated species	cluster355	cluster355	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017431745	
GCA_017536895.1_ASM1753689v1	annotated species	cluster356	cluster356	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017536895	
GCA_017406565.1_ASM1740656v1	annotated species	cluster357	cluster357	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017406565	
GCA_947165975.1_SRR8387714_bin.97_metaWRAP_v1.3_MAG	novel species	cluster358	cluster358	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_946414465.1_SRR12081303_bin.63_metaWRAP_v1.3_MAG	novel species	cluster359	cluster359	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017533605.1_ASM1753360v1	annotated species	cluster360	cluster360	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017533605	
GCA_017545505.1_ASM1754550v1	annotated species	cluster361	cluster361	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017545505	
GCA_016286785.1_ASM1628678v1	annotated species	cluster362	cluster362	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp016286785	
GCA_017510905.1_ASM1751090v1	novel species	cluster363	cluster363	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947302355.1_SRR10912539_bin.48_metaWRAP_v1.3_MAG	novel species	cluster364	cluster364	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017404285.1_ASM1740428v1	annotated species	cluster365		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017406775	
GCA_017406775.1_ASM1740677v1	annotated species	cluster365	cluster365	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017406775	
GCA_017421685.1_ASM1742168v1	annotated species	cluster366	cluster366	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017421685	
GCA_002309075.1_ASM230907v1	annotated species	cluster367	cluster367	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp002309075	
GCA_016280905.1_ASM1628090v1	annotated species	cluster368	cluster368	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp016280905	
GCA_002371235.1_ASM237123v1	annotated species	cluster369	cluster369	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp002371235	
GCA_017510425.1_ASM1751042v1	annotated species	cluster370	cluster370	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017510425	
GCA_017510075.1_ASM1751007v1	annotated species	cluster371	cluster371	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017510075	
GCA_946548715.1_SRR1222429_bin.13_metaWRAP_v1.3_MAG	novel species	cluster372	cluster372	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017459765.1_ASM1745976v1	novel species	cluster373	cluster373	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017510025.1_ASM1751002v1	novel species	cluster374	cluster374	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017433855.1_ASM1743385v1	annotated species	cluster375	cluster375	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017433855	
GCA_017459705.1_ASM1745970v1	annotated species	cluster376	cluster376	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017459705	
GCA_017431085.1_ASM1743108v1	novel species	cluster377	cluster377	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017613135.1_ASM1761313v1	annotated species	cluster378		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017613135	
GCA_946404095.1_SRR12081303_bin.66_metaWRAP_v1.3_MAG	annotated species	cluster378	cluster378	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017613135	
GCA_946408595.1_SRR12081297_bin.13_metaWRAP_v1.3_MAG	novel species	cluster379	cluster379	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_946626365.1_SRR873609_bin.132_metaWRAP_v1.3_MAG	annotated species	cluster380		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp002393165	
GCA_947306835.1_SRR10912542_bin.23_metaWRAP_v1.3_MAG	annotated species	cluster380	cluster380	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp002393165	
GCA_017962365.1_ASM1796236v1	annotated species	cluster381	cluster381	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017962365	
GCA_017447485.1_ASM1744748v1	annotated species	cluster382	cluster382	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017447485	
GCA_947303265.1_SRR10912539_bin.36_metaWRAP_v1.3_MAG	annotated species	cluster383	cluster383	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017420185	
GCA_017406905.1_ASM1740690v1	annotated species	cluster384	cluster384	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017406905	
GCA_947306055.1_SRR10912535_bin.62_metaWRAP_v1.3_MAG	novel species	cluster385	cluster385	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017512925.1_ASM1751292v1	novel species	cluster386	cluster386	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017515785.1_ASM1751578v1	novel species	cluster387	cluster387	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017537745.1_ASM1753774v1	annotated species	cluster388	cluster388	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017537745	
GCA_946414345.1_SRR12081302_bin.4_metaWRAP_v1.3_MAG	novel species	cluster389	cluster389	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_017561575.1_ASM1756157v1	annotated species	cluster390	cluster390	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017561575	

GCA_017432225.1_ASM1743222v1	annotated species	cluster391	cluster391	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017432225
GCA_017460625.1_ASM1746062v1	annotated species	cluster392	cluster392	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017460625
GCA_017652105.1_ASM1765210v1	annotated species	cluster393	cluster393	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017652105
GCA_017404935.1_ASM1740493v1	annotated species	cluster394	cluster394	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017404935
GCA_017432105.1_ASM1743210v1	annotated species	cluster394		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017404935
GCA_017510925.1_ASM1751092v1	annotated species	cluster395	cluster395	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017510925
GCA_017514865.1_ASM1751486v1	novel species	cluster396	cluster396	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017512225.1_ASM1751222v1	novel species	cluster397	cluster397	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_004138395.1_ASM413839v1	annotated species	cluster398	cluster398	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus alces
GCA_017406595.1_ASM1740659v1	annotated species	cluster398		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus alces
GCA_017404485.1_ASM1740448v1	novel species	cluster399	cluster399	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017433185.1_ASM1743318v1	novel species	cluster400	cluster400	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017404325.1_ASM1740432v1	annotated species	cluster401	cluster401	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017404325
GCA_017557865.1_ASM1755786v1	annotated species	cluster402	cluster402	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017557865
GCA_947307355.1_SRR10912536_bin.13_metaWRAP_v1.3_MAG	novel species	cluster403	cluster403	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017510705.1_ASM1751070v1	annotated species	cluster404	cluster404	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017510705
GCA_002363125.1_ASM236312v1	annotated species	cluster405	cluster405	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp002363125
GCA_946618085.1_SRR873610_bin.1_metaWRAP_v1.3_MAG	annotated species	cluster405		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp002363125
GCA_017430785.1_ASM1743078v1	novel species	cluster406	cluster406	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947166125.1_SRR8387714_bin.9_metaWRAP_v1.3_MAG	novel species	cluster407	cluster407	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017421325.1_ASM1742132v1	annotated species	cluster408	cluster408	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017421325
GCA_017460105.1_ASM1746010v1	annotated species	cluster409	cluster409	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017460105
GCA_017511645.1_ASM1751164v1	annotated species	cluster410	cluster410	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017511645
GCA_017404335.1_ASM1740433v1	annotated species	cluster411	cluster411	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017404335
GCA_017515105.1_ASM1751510v1	annotated species	cluster412	cluster412	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017515105
GCA_017619315.1_ASM1761931v1	annotated species	cluster413	cluster413	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017619315
GCA_017432025.1_ASM1743202v1	annotated species	cluster414	cluster414	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017432025
GCA_946409605.1_SRR12081300_bin.39_metaWRAP_v1.3_MAG	annotated species	cluster415	cluster415	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017464135
GCA_947165465.1_SRR8387716_bin.80_metaWRAP_v1.3_MAG	novel species	cluster416	cluster416	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017511845.1_ASM1751184v1	annotated species	cluster417	cluster417	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017515205
GCA_017515205.1_ASM1751520v1	annotated species	cluster417		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017515205
GCA_017516075.1_ASM1751607v1	annotated species	cluster418	cluster418	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017516075
GCA_017511925.1_ASM1751192v1	annotated species	cluster419	cluster419	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017511925
GCA_947304825.1_SRR10912542_bin.28_metaWRAP_v1.3_MAG	novel species	cluster420	cluster420	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017459845.1_ASM1745984v1	annotated species	cluster421	cluster421	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017459845
GCA_017460305.1_ASM1746030v1	annotated species	cluster422	cluster422	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017460045
GCA_947059195.1_ERR9465699_bin.49_metawrap_v1.3_MAG	novel species	cluster423		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947089645.1_SRR14038237_bin.40_metawrap_v1.3_MAG	novel species	cluster423	cluster423	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947246665.1_SRR14920969_bin.19_metawrap_v1.3_MAG	novel species	cluster423		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947366925.1_SRR15322611_bin.1_metawrap_v1.3_MAG	novel species	cluster423		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947425245.1_SRR19981124_bin.25_metawrap_v1.3_MAG	novel species	cluster424	cluster424	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947388865.1_SRR15214599_bin.4_metawrap_v1.3_MAG	novel species	cluster425		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947565505.1_SRR19759417_bin.86_metawrap_v1.3_MAG	novel species	cluster425		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947569885.1_SRR15604579_bin.36_metawrap_v1.3_MAG	novel species	cluster425	cluster425	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG	novel species	cluster426	cluster426	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_003979185.1_ASM397918v1	annotated species	cluster427	cluster427	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp003979185
GCA_013316035.1_ASM1331603v1	annotated species	cluster427		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp003979185
GCA_947366635.1_SRR15322614_bin.1_metawrap_v1.3_MAG	annotated species	cluster427		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp003979185
GCA_947388885.1_SRR15214585_bin.22_metawrap_v1.3_MAG	annotated species	cluster427		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp003979185
GCA_947068245.1_SRR12358625_bin.21_metawrap_v1.3_MAG	novel species	cluster428	cluster428	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947066265.1_ERR899284_bin.41_metawrap_v1.3_MAG	novel species	cluster429		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947296925.1_SRR19390379_bin.6_metawrap_v1.3_MAG	novel species	cluster429	cluster429	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947362105.1_SRR15194760_bin.16_metawrap_v1.3_MAG	novel species	cluster429		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947427335.1_SRR18439536_bin.19_metawrap_v1.3_MAG	novel species	cluster430	cluster430	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947429355.1_SRR19981115_bin.23_metawrap_v1.3_MAG	novel species	cluster430		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947346675.1_SRR14629574_bin.28_metawrap_v1.3_MAG	novel species	cluster431	cluster431	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947087275.1_SRR14038240_bin.4_metawrap_v1.3_MAG	novel species	cluster432	cluster432	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017557805.1_ASM1755780v1	novel species	cluster433	cluster433	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947304135.1_SRR10912535_bin.47_metaWRAP_v1.3_MAG	novel species	cluster434	cluster434	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017432505.1_ASM1743250v1	annotated species	cluster435	cluster435	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017941835
GCA_017941835.1_ASM1794183v1	annotated species	cluster435		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017941835
GCA_017652765.1_ASM1765276v1	annotated species	cluster436	cluster436	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017652765
GCA_017404515.1_ASM1740451v1	annotated species	cluster437	cluster437	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017404515
GCA_017404955.1_ASM1740495v1	annotated species	cluster438	cluster438	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017404955
GCA_017510845.1_ASM1751084v1	annotated species	cluster439		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017512045
GCA_017512045.1_ASM1751204v1	annotated species	cluster439	cluster439	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017512045
GCA_017405225.1_ASM1740522v1	annotated species	cluster440	cluster440	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017405225
GCA_017432425.1_ASM1743242v1	annotated species	cluster441	cluster441	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017432425
GCA_017434485.1_ASM1743448v1	annotated species	cluster441		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017432425
GCA_017406405.1_ASM1740640v1	annotated species	cluster442	cluster442	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017406405
GCA_017545595.1_ASM1754559v1	annotated species	cluster443	cluster443	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017545595
GCA_017403895.1_ASM1740389v1	novel species	cluster444	cluster444	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	

GCA_017432365.1_ASM1743236v1	annotated species	cluster445	cluster445	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017432365
GCA_017482785.1_ASM1748278v1	novel species	cluster446	cluster446	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017404845.1_ASM1740484v1	novel species	cluster447	cluster447	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017512095.1_ASM1751209v1	annotated species	cluster448	cluster448	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017512095
GCA_017515285.1_ASM1751528v1	annotated species	cluster449	cluster449	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017515285
GCA_017514045.1_ASM1751404v1	annotated species	cluster450	cluster450	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017514045
GCA_017552385.1_ASM1755238v1	annotated species	cluster451	cluster451	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017552385
GCA_017513905.1_ASM1751390v1	annotated species	cluster452	cluster452	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017513905
GCA_017460225.1_ASM1746022v1	annotated species	cluster453	cluster453	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017460225
GCA_017431955.1_ASM1743195v1	annotated species	cluster454	cluster454	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017431955
GCA_017510445.1_ASM1751044v1	annotated species	cluster455	cluster455	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017510445
GCA_017651125.1_ASM1765112v1	novel species	cluster456	cluster456	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_024699125.1_ASM2469912v1	novel species	cluster457	cluster457	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017556795.1_ASM1755679v1	annotated species	cluster458	cluster458	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017556795
GCA_946405975.1_SRR12081303_bin.106_metaWRAP_v1.3_MAG	novel species	cluster459	cluster459	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947302975.1_SRR10912535_bin.55_metaWRAP_v1.3_MAG	novel species	cluster460	cluster460	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017407085.1_ASM1740708v1	novel species	cluster461	cluster461	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017509895.1_ASM1750989v1	annotated species	cluster462	cluster462	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017509895
RSZAXPI002313-22_RAH_dental.metaspades.bin.48	novel species	cluster463		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
SZAXPI018406-56_RA_saliva.metaspades.bin.70	novel species	cluster463	cluster463	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
SZAXPI018453-13_RA_saliva.metaspades.bin.39	novel species	cluster463		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300271_tooth_RAH.megahit.bin.84	novel species	cluster463		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_945872155.1_SRR15732359_bin.8_metaWRAP_v1.3_MAG	novel species	cluster464	cluster464	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017480095.1_ASM1748009v1	annotated species	cluster465	cluster465	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017480095
GCA_017404725.1_ASM1740472v1	annotated species	cluster466	cluster466	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017404725
GCA_017431465.1_ASM1743146v1	annotated species	cluster467	cluster467	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017431465
GCA_017460165.1_ASM1746016v1	novel species	cluster468	cluster468	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZAXPI002479-169_2_RAH_saliva.metaspades.bin.78	novel species	cluster469	cluster469	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZAXPI002479-169_RAH_saliva.metaspades.bin.73	novel species	cluster469		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300287_tooth_RAH.megahit.bin.150	novel species	cluster470	cluster470	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017432305.1_ASM1743230v1	annotated species	cluster471	cluster471	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017432305
GCA_017480035.1_ASM1748003v1	annotated species	cluster472	cluster472	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017480035
GCA_947304155.1_SRR10912535_bin.54_metaWRAP_v1.3_MAG	novel species	cluster473	cluster473	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017406985.1_ASM1740698v1	annotated species	cluster474	cluster474	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017406985
GCA_017431945.1_ASM1743194v1	annotated species	cluster475	cluster475	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017431945
GCA_017514665.1_ASM1751466v1	annotated species	cluster476	cluster476	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017514665
GCA_017404795.1_ASM1740479v1	annotated species	cluster477	cluster477	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017404795
GCA_017514025.1_ASM1751402v1	annotated species	cluster478	cluster478	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp017514025
GCA_013316435.1_ASM1331643v1	annotated species	cluster479		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013316435
GCA_946561855.1_SRR19792994_bin.70_metawrap_v1.3_MAG	annotated species	cluster479		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013316435
GCA_947057165.1_ERR9465706_bin.42_metawrap_v1.3_MAG	annotated species	cluster479		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013316435
GCA_947171955.1_SRR14862904_bin.27_metawrap_v1.3_MAG	annotated species	cluster479	cluster479	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013316435
GCA_947384105.1_ERR6760075_bin.53_metawrap_v1.3_MAG	annotated species	cluster479		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013316435
GCA_947429035.1_SRR19981115_bin.12_metawrap_v1.3_MAG	annotated species	cluster479		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013316435
GCA_947364605.1_SRR16350204_bin.1_metawrap_v1.3_MAG	novel species	cluster480		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947367495.1_SRR15429271_bin.12_metawrap_v1.3_MAG	novel species	cluster480		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_947425995.1_SRR19981123_bin.1_metawrap_v1.3_MAG	novel species	cluster480	cluster480	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_009777315.1_ASM977731v1	annotated species	cluster481	cluster481	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	WRMD01	WRMD01 sp009777315
RDPYD18300015_A_saliva.metaspades.bin.29	novel species	cluster482	cluster482	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078181_A_saliva.metaspades.bin.24	novel species	cluster483	cluster483	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_013332955.2_ASM1333295v2	annotated species	cluster484	cluster484	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332955
GCA_013333135.2_ASM1333313v2	annotated species	cluster485	cluster485	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013333135
GCA_013333375.2_ASM1333337v2	annotated species	cluster486	cluster486	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013333375
RDPYD18088979_A_saliva.metaspades.bin.8	novel species	cluster487	cluster487	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187327_A_saliva.metaspades.bin.15	novel species	cluster488	cluster488	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RDPYD18098585_A_saliva.metaspades.bin.25	novel species	cluster489	cluster489	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078542_A_saliva.metaspades.bin.52	novel species	cluster490	cluster490	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300146_tooth_RA.megahit.bin.30	novel species	cluster526	cluster526	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300271_tooth_RAH.megahit.bin.16	novel species	cluster526		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300294_tooth_RAH.megahit.bin.12	novel species	cluster526		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZAXPI002619-34_RA_dental.metaspades.bin.5	novel species	cluster527	cluster527	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300056_tooth_RA.megahit.bin.105	novel species	cluster527		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300136_tooth_RA.megahit.bin.73	novel species	cluster527		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300249_tooth_RAH.megahit.bin.103	novel species	cluster527		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300281_tooth_RAH.megahit.bin.27	novel species	cluster527		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300323_tooth_RAH.megahit.bin.22	novel species	cluster527		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
SZAXPI018286-123_RA_dental.metaspades.bin.94	novel species	cluster528		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300211_tooth_RA.megahit.bin.13	novel species	cluster528		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300223_tooth_RA.megahit.bin.80	novel species	cluster528		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300233_tooth_RA.megahit.bin.80	novel species	cluster528	cluster528	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300302_tooth_RAH.megahit.bin.114	novel species	cluster528		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZAXPI002308-17_RAH_dental.metaspades.bin.14	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	

RSZAXPI002318-27_RAH_dental.metaspades.bin.53	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZAXPI002456-79_RAH_dental.metaspades.bin.7	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZAXPI002603-21_RA_dental.metaspades.bin.63	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZAXPI002606-27_RA_dental.metaspades.bin.28	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI011699-166_RA_dental.metaspades.bin.58	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018097-18_RA_dental.metaspades.bin.14	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018171-25_1_RA_dental.metaspades.bin.5	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018178-34_RA_dental.metaspades.bin.15	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018277-90_RA_dental.metaspades.bin.77	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018282-108_RA_dental.metaspades.bin.67	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018286-123_RA_dental.metaspades.bin.16	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300051_tooth_RA.megahit.bin.6	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300061_tooth_RA.megahit.bin.44	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300100_tooth_RA.megahit.bin.14	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300111_tooth_RA.megahit.bin.32	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300121_tooth_RA.megahit.bin.4	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300135_tooth_RA.megahit.bin.70	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300162_tooth_RA.megahit.bin.89	novel species	cluster529	cluster529	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300165_tooth_RA.megahit.bin.3	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300178_tooth_RA.megahit.bin.102	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300181_tooth_RA.megahit.bin.96	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300192_tooth_RA.megahit.bin.38	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300203_tooth_RA.megahit.bin.90	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300205_tooth_RA.megahit.bin.8	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300206_tooth_RA.megahit.bin.2	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300223_tooth_RA.megahit.bin.25	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300224_tooth_RA.megahit.bin.94	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300252_tooth_RAH.megahit.bin.79	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300254_tooth_RAH.megahit.bin.48	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300258_tooth_RAH.megahit.bin.9	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300269_tooth_RAH.megahit.bin.127	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300277_tooth_RAH.megahit.bin.4	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300279_tooth_RAH.megahit.bin.3	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300280_tooth_RAH.megahit.bin.16	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300285_tooth_RAH.megahit.bin.48	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300288_tooth_RAH.megahit.bin.22	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300294_tooth_RAH.megahit.bin.112	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300303_tooth_RAH.megahit.bin.49	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300313_tooth_RAH.megahit.bin.102	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300318_tooth_RAH.megahit.bin.108	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300327_tooth_RA.megahit.bin.5	novel species	cluster529		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_905372495.1_SRR9217423-mag-bin.7	annotated species	cluster530		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
RSZAXPI002326-41_RAH_dental.metaspades.bin.8	annotated species	cluster530	cluster530	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
RSZAXPI002632-89_RA_dental.metaspades.bin.17	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
RSZAXPI002655-15_RA_dental.metaspades.bin.44	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
SZAXPI018103-24_RA_dental.metaspades.bin.45	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
SZAXPI018322-24_RA_dental.metaspades.bin.11	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
SZAXPI018323-25_RA_dental.metaspades.bin.25	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300055_tooth_RA.megahit.bin.35	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300070_tooth_RA.megahit.bin.58	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300078_tooth_RA.megahit.bin.29	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300079_tooth_RA.megahit.bin.18	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300105_tooth_RA.megahit.bin.2	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300110_tooth_RA.megahit.bin.88	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300114_tooth_RA.megahit.bin.10	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300129_tooth_RA.megahit.bin.41	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300139_tooth_RA.megahit.bin.20	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300148_tooth_RA.megahit.bin.111	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300152_tooth_RA.megahit.bin.61	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300161_tooth_RA.megahit.bin.158	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300164_tooth_RA.megahit.bin.80	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300170_tooth_RA.megahit.bin.6	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300176_tooth_RA.megahit.bin.28	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300184_tooth_RA.megahit.bin.85	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300202_tooth_RA.megahit.bin.65	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300208_tooth_RA.megahit.bin.27	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300229_tooth_RA.megahit.bin.108	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300230_tooth_RA.megahit.bin.36	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300235_tooth_RAH.megahit.bin.27	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300239_tooth_RAH.megahit.bin.85	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300272_tooth_RAH.megahit.bin.68	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	
R0170300274_tooth_RAH.megahit.bin.88	annotated species	cluster530		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp905372495	

RSZYD18078769_A_saliva.metaspades.bin.60	novel species	cluster531	cluster531	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RDPYD18101880_A_saliva.metaspades.bin.11	novel species	cluster531		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18187739_A_saliva.metaspades.bin.22	novel species	cluster531		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018312-14_RA_dental.metaspades.bin.62	novel species	cluster532	cluster532	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300120_tooth_RA.megahit.bin.80	novel species	cluster532		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300136_tooth_RA.megahit.bin.71	novel species	cluster532		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300204_tooth_RA.megahit.bin.78	novel species	cluster532		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018493-25_RA_saliva.metaspades.bin.44	novel species	cluster533	cluster533	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18078011_A_saliva.metaspades.bin.17	novel species	cluster533		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RDPYD18300101_A_saliva.metaspades.bin.91	novel species	cluster534		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18078756_A_saliva.metaspades.bin.24	novel species	cluster534		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18187002_A_saliva.metaspades.bin.29	novel species	cluster534		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RDPYD18123870_A_saliva.metaspades.bin.24	novel species	cluster534		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RDPYD18123880_A_tongue.metaspades.bin.23	novel species	cluster534	cluster534	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18078582_A_saliva.metaspades.bin.58	annotated species	cluster535		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus nanoralicus	
RSZYD18187120_A_saliva.metaspades.bin.19	annotated species	cluster535		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus nanoralicus	
RSZYD18187273_A_saliva.metaspades.bin.99	annotated species	cluster535	cluster535	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus nanoralicus	
RDPYD18097649_A_saliva.metaspades.bin.16	annotated species	cluster535		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus nanoralicus	
RSZYD18187707_A_saliva.metaspades.bin.80	novel species	cluster535		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018439-102_RA_saliva.metaspades.bin.34	annotated species	cluster536	cluster536	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus nanoralicus	
RSZYD18078140_A_saliva.metaspades.bin.44	novel species	cluster536		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18187115_A_saliva.metaspades.bin.47	novel species	cluster536		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RDPYD18189966_A_saliva.metaspades.bin.40	novel species	cluster537	cluster537	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18187234_A_saliva.metaspades.bin.82	novel species	cluster538	cluster538	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18078695_A_saliva.metaspades.bin.25	novel species	cluster539	cluster539	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018273-75_RA_dental.metaspades.bin.34	novel species	cluster545		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300161_tooth_RA.megahit.bin.150	novel species	cluster545	cluster545	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
R0170300313_tooth_RAH.megahit.bin.7	novel species	cluster545		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18187790_A_saliva.metaspades.bin.2	annotated species	cluster546		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
SZAXPI018391-27_RA_saliva.metaspades.bin.47	novel species	cluster546		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18078325_A_saliva.metaspades.bin.95	novel species	cluster546	cluster546	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RDPYD18098896_A_saliva.metaspades.bin.29	annotated species	cluster547	cluster547	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
RSZYD18187503_A_saliva.metaspades.bin.53	novel species	cluster547		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RDPYD18300081_A_saliva.metaspades.bin.28	novel species	cluster548	cluster548	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_013333155.2_ASM1333315v2	annotated species	cluster549		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
GCA_013333205.2_ASM1333320v2	annotated species	cluster549		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
GCA_013333415.2_ASM1333341v2	annotated species	cluster549		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
GCA_015257505.1_ASM1525750v1	annotated species	cluster549		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
GCA_016112465.1_ASM1611246v1	annotated species	cluster549		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
SRR8114056.metaspades.bin.5	annotated species	cluster549		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
SZAXPI018278-93_RA_dental.metaspades.bin.39	annotated species	cluster549		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
RDPYD18189960_A_saliva.metaspades.bin.21	annotated species	cluster549		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
RSZYD18187537_A_saliva.metaspades.bin.50	annotated species	cluster549	cluster549	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp013332965	
SRR8114048.metaspades.bin.17	novel species	cluster549		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RDPYD18300175_A_saliva.metaspades.bin.54	novel species	cluster550	cluster550	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18078322_A_saliva.metaspades.bin.73	novel species	cluster551	cluster551	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18078115_A_saliva.metaspades.bin.40	novel species	cluster552	cluster552	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RDPYD18088951_A_saliva.metaspades.bin.87	novel species	cluster553	cluster553	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
RSZYD18078100_A_saliva.metaspades.bin.89	novel species	cluster554	cluster554	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947364965.1_SRR16350202_bin.8_metawrap_v1.3_MAG	novel species	cluster556	cluster556	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG	novel species	cluster557	cluster557	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947367795.1_SRR15431173_bin.17_metawrap_v1.3_MAG	novel species	cluster558		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947385605.1_ERR6760111_bin.57_metawrap_v1.3_MAG	novel species	cluster558	cluster558	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947389435.1_SRR15214583_bin.47_metawrap_v1.3_MAG	novel species	cluster558		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947388495.1_SRR15214593_bin.20_metawrap_v1.3_MAG	novel species	cluster559	cluster559	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947364625.1_SRR16350215_bin.9_metawrap_v1.3_MAG	novel species	cluster560		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947426085.1_SRR18439536_bin.4_metawrap_v1.3_MAG	novel species	cluster560		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947648615.1_SRR15633991_bin.36_metawrap_v1.3_MAG	novel species	cluster560	cluster560	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
GCA_947368805.1_SRR15431190_bin.13_metawrap_v1.3_MAG	novel species	cluster561	cluster561	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus		
SZAXPI018286-123_RA_dental.metaspades.bin.12	novel species	cluster562		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300057_tooth_RA.megahit.bin.6	novel species	cluster562	cluster562	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300110_tooth_RA.megahit.bin.38	novel species	cluster562		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018189-47_RA_dental.metaspades.bin.40	novel species	cluster563	cluster563	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018277-90_RA_dental.metaspades.bin.45	novel species	cluster563		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
GCA_905372095.1_SRR9217394-mag-bin.2	annotated species	cluster564	cluster564	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905372095	
GCA_905372195.1_SRR9217401-mag-bin.1	annotated species	cluster564		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905372095	
GCA_004138385.1_ASM413838v1	annotated species	cluster565		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
SZAXPI018280-95_RA_dental.metaspades.bin.36	novel species	cluster565	cluster565	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
GCA_943914775.1_Tcv98XDF6C_bin.50.MAG	annotated species	cluster566		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
RSZAXPI002657-17_RA_dental.metaspades.bin.42	annotated species	cluster566	cluster566	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
SZAXPI018101-22_RA_dental.metaspades.bin.26	annotated species	cluster566		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
R0170300219_tooth_RA.megahit.bin.79	annotated species	cluster566		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	

SZAXPI018180-36_RA_dental.metaspades.bin.4	novel species	cluster566		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018292-158_RA_dental.metaspades.bin.62	novel species	cluster566		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002673-20_RA_dental.metaspades.bin.25	annotated species	cluster567		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
R0170300092_tooth_RA.megahit.bin.51	annotated species	cluster567		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905372275	
R0170300193_tooth_RA.megahit.bin.72	annotated species	cluster567		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905372275	
R0170300267_tooth_RAH.megahit.bin.37	annotated species	cluster567	cluster567	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905372275	
RSZYD18187801_A_saliva.metaspades.bin.75	novel species	cluster567		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300194_tooth_RA.megahit.bin.111	novel species	cluster567		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002326-41_RAH_dental.metaspades.bin.24	annotated species	cluster568	cluster568	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
RSZAXPI002636-95_RA_dental.metaspades.bin.12	annotated species	cluster568		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333845	
R0170300065_tooth_RA.megahit.bin.81	annotated species	cluster568		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333625	
R0170300102_tooth_RA.megahit.bin.20	annotated species	cluster568		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333625	
R0170300321_tooth_RAH.megahit.bin.33	annotated species	cluster568		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
R0170300254_tooth_RAH.megahit.bin.23	novel species	cluster568		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
GCA_905371785.1_SRR9217391-mag-bin.4	annotated species	cluster569	cluster569	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333795	
RSZAXPI002318-27_RAH_dental.metaspades.bin.48	annotated species	cluster569		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
SZAXPI018286-123_RA_dental.metaspades.bin.62	annotated species	cluster569		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
SZAXPI018302-84_RA_dental.metaspades.bin.17	annotated species	cluster569		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333795	
SZAXPI018320-22_RA_dental.metaspades.bin.16	annotated species	cluster569		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333795	
SZAXPI018441-109_RA_saliva.metaspades.bin.47	annotated species	cluster569		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
R0170300151_tooth_RA.megahit.bin.58	annotated species	cluster569		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333795	
R0170300106_tooth_RA.megahit.bin.47	novel species	cluster570	cluster570	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002617-32_RA_dental.metaspades.bin.17	annotated species	cluster571	cluster571	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp015257605	
R0170300062_tooth_RA.megahit.bin.52	novel species	cluster580	cluster580	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300197_tooth_RA.megahit.bin.71	novel species	cluster581	cluster581	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_005697565.1_ASM569756v1	annotated species	cluster582	cluster582	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp005697565	
GCA_905372835.1_SRR9217428-mag-bin.30	annotated species	cluster583	cluster583	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905372835	
RSZAXPI002620-35_RA_dental.metaspades.bin.1	novel species	cluster584	cluster584	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300139_tooth_RA.megahit.bin.75	novel species	cluster584		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300198_tooth_RA.megahit.bin.28	novel species	cluster585	cluster585	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018283-109_RA_dental.metaspades.bin.24	novel species	cluster586	cluster586	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_905372305.1_SRR9217408-mag-bin.12	annotated species	cluster587	cluster587	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905372305	
GCA_905373795.1_SRR9217490-mag-bin.5	annotated species	cluster588	cluster588	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905373795	
RSZAXPI002635-94_RA_dental.metaspades.bin.41	novel species	cluster589	cluster589	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300100_tooth_RA.megahit.bin.115	novel species	cluster589		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300189_tooth_RA.megahit.bin.69	novel species	cluster590	cluster590	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300304_tooth_RAH.megahit.bin.45	novel species	cluster591	cluster591	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI011699-166_RA_dental.metaspades.bin.36	novel species	cluster592	cluster592	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_010202645.1_ASM1020264v1	annotated species	cluster601	cluster601	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp010202645	
GCA_013099015.1_ASM1309901v1	annotated species	cluster602	cluster602	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp013099015	
R0170300157_tooth_RA.megahit.bin.55	novel species	cluster603	cluster603	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_005697215.1_ASM569721v1	annotated species	cluster604		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp005697215	
GCA_013100845.1_ASM1310084v1	annotated species	cluster604		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp005697215	
GCA_013394755.1_ASM1339475v1	annotated species	cluster604	cluster604	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp005697215	
GCA_010202845.1_ASM1020284v1	annotated species	cluster605	cluster605	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp010202845	
GCA_013100805.1_ASM1310080v1	annotated species	cluster606	cluster606	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp013100805	
GCA_013098515.1_ASM1309851v1	annotated species	cluster607		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp013100825	
GCA_013100825.1_ASM1310082v1	annotated species	cluster607	cluster607	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp013100825	
GCA_010202465.1_ASM1020246v1	annotated species	cluster608	cluster608	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp010202465	
R0170300097_tooth_RA.megahit.bin.57	annotated species	cluster608		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp010202465	
RSZAXPI002613-24_RA_dental.metaspades.bin.37	novel species	cluster608		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018174-30_RA_dental.metaspades.bin.36	novel species	cluster609	cluster609	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300110_tooth_RA.megahit.bin.53	novel species	cluster609		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_005697395.1_ASM569739v1	annotated species	cluster617	cluster617	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter lyticus	
GCA_000803625.1_ASM80362v1	annotated species	cluster617		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter lyticus	
RSZAXPI002641-101_RA_dental.metaspades.bin.19	novel species	cluster618	cluster618	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018278-93_RA_dental.metaspades.bin.41	novel species	cluster618		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300156_tooth_RA.megahit.bin.76	novel species	cluster618		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_947095985.1_SRR8786266_bin.1_metaWRAP_v1.3_MAG	novel species	cluster619	cluster619	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18088975_A_saliva.metaspades.bin.3	novel species	cluster620		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18189874_A_saliva.metaspades.bin.36	novel species	cluster620		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078020_A_saliva.metaspades.bin.9	novel species	cluster620		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078148_A_saliva.metaspades.bin.88	novel species	cluster620		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078262_A_saliva.metaspades.bin.27	novel species	cluster620		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187852_A_saliva.metaspades.bin.38	novel species	cluster620		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18098912_A_saliva.metaspades.bin.17	novel species	cluster620	cluster620	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_021222645.1_ASM2122264v1	novel species	cluster621	cluster621	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18088981_A_saliva.metaspades.bin.41	novel species	cluster621		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18189833_A_saliva.metaspades.bin.38	novel species	cluster621		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18189957_A_saliva.metaspades.bin.89	novel species	cluster621		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078571_A_saliva.metaspades.bin.52	novel species	cluster621		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187484_A_saliva.metaspades.bin.51	novel species	cluster621		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		

RSZYD18187690_A_saliva.metaspades.bin.20	novel species	cluster621		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18300227_A_saliva.metaspades.bin.33	novel species	cluster621		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000473_saliva.spades.bin.3	novel species	cluster621		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18189828_A_saliva.metaspades.bin.6	novel species	cluster622	cluster622	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18189844_A_saliva.metaspades.bin.3	novel species	cluster622		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18098804_A_saliva.metaspades.bin.34	novel species	cluster622		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078343_A_saliva.metaspades.bin.21	novel species	cluster623	cluster623	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_022828245.1_ASM2282824v1	annotated species	cluster624	cluster624	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555675	
GCA_900555675.1_UMGS1848	annotated species	cluster624		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555675	
RDPYD18088953_A_saliva.metaspades.bin.4	annotated species	cluster624		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555675	
RDPYD18300017_A_saliva.metaspades.bin.20	annotated species	cluster624		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555675	
RDPYD18300395_A_saliva.metaspades.bin.59	annotated species	cluster624		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555675	
YS000236_saliva.spades.bin.20	annotated species	cluster624		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555675	
YS000273_saliva.spades.bin.9	annotated species	cluster624		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555675	
YS000367_saliva.spades.bin.21	annotated species	cluster624		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555675	
GCA_022819385.1_ASM2281938v1	annotated species	cluster625	cluster625	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555885	
RSZYD18078076_A_saliva.metaspades.bin.41	annotated species	cluster625		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555885	
GCA_022828325.1_ASM2282832v1	novel species	cluster626	cluster626	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
ERR2764806.metaspades.bin.18	novel species	cluster626		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18088830_A_saliva.metaspades.bin.38	novel species	cluster627	cluster627	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18300036_A_saliva.metaspades.bin.65	novel species	cluster628	cluster628	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018317-19_RA_dental.metaspades.bin.31	novel species	cluster704	cluster704	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_001003725.1_ASM100372v1	annotated species	cluster705	cluster705	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	UBA10027	UBA10027 sp001003725	
GCA_003523165.1_ASM352316v1	annotated species	cluster705		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	UBA10027	UBA10027 sp001003725	
GCA_015999875.1_ASM1599987v1	annotated species	cluster706	cluster706	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	UBA10027	UBA10027 sp015999875	
GCA_016000245.1_ASM1600024v1	annotated species	cluster706		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	UBA10027	UBA10027 sp015999875	
GCA_007845485.1_ASM784548v1	annotated species	cluster707		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
GCA_013333055.2_ASM1333305v2	annotated species	cluster707		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
GCA_013333575.2_ASM1333357v2	annotated species	cluster707		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
GCA_013333815.2_ASM1333381v2	annotated species	cluster707		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
GCA_015257555.2_ASM1525755v2	annotated species	cluster707	cluster707	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
GCA_015257575.1_ASM1525757v1	annotated species	cluster707		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
GCA_905372725.1_SRR9217423-mag-bin.8	annotated species	cluster707		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002304-13_RAH_dental.metaspades.bin.45	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002308-17_RAH_dental.metaspades.bin.47	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002309-18_RAH_dental.metaspades.bin.28	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002311-20_RAH_dental.metaspades.bin.69	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002312-21_RAH_dental.metaspades.bin.60	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002315-24_RAH_dental.metaspades.bin.62	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002316-25_RAH_dental.metaspades.bin.44	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002318-27_RAH_dental.metaspades.bin.2	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002321-33_RAH_dental.metaspades.bin.17	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002322-34_RAH_dental.metaspades.bin.14	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002324-37_RAH_dental.metaspades.bin.77	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002325-39_RAH_dental.metaspades.bin.45	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002326-41_RAH_dental.metaspades.bin.6	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002331-56_RAH_dental.metaspades.bin.43	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002454-50_RAH_dental.metaspades.bin.3	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002455-75_RAH_dental.metaspades.bin.33	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002458-89_RAH_dental.metaspades.bin.11	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002459-90_RAH_dental.metaspades.bin.59	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002604-26_RA_dental.metaspades.bin.36	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002609-25_RA_dental.metaspades.bin.46	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002613-24_RA_dental.metaspades.bin.48	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002617-32_RA_dental.metaspades.bin.20	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002620-35_RA_dental.metaspades.bin.36	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002626-66_RA_dental.metaspades.bin.71	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002627-75_RA_dental.metaspades.bin.12	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002633-90_RA_dental.metaspades.bin.41	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002636-95_RA_dental.metaspades.bin.30	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002637-96_RA_dental.metaspades.bin.23	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002641-101_RA_dental.metaspades.bin.55	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002655-15_RA_dental.metaspades.bin.1	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
RSZAXPI002673-20_RA_dental.metaspades.bin.3	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
SZAXPI011699-166_RA_dental.metaspades.bin.38	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
SZAXPI018093-14_RA_dental.metaspades.bin.39	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
SZAXPI018096-17_RA_dental.metaspades.bin.34	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
SZAXPI018097-18_RA_dental.metaspades.bin.33	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
SZAXPI018098-19_RA_dental.metaspades.bin.54	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
SZAXPI018099-20_RA_dental.metaspades.bin.40	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
SZAXPI018101-22_RA_dental.metaspades.bin.22	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	
SZAXPI018103-24_RA_dental.metaspades.bin.52	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485	

SZAXPI018171-25_1_RA_dental.metaspades.bin.23	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018172-26_RA_dental.metaspades.bin.42	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018173-27_RA_dental.metaspades.bin.20	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018180-36_RA_dental.metaspades.bin.18	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018182-39_RA_dental.metaspades.bin.37	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018189-47_RA_dental.metaspades.bin.68	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018190-56_RA_dental.metaspades.bin.33	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018191-57_RA_dental.metaspades.bin.69	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018271-62_RA_dental.metaspades.bin.80	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018272-74_RA_dental.metaspades.bin.18	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018273-75_RA_dental.metaspades.bin.22	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018274-87_RA_dental.metaspades.bin.42	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018275-88_RA_dental.metaspades.bin.49	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018276-89_RA_dental.metaspades.bin.7	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018277-90_RA_dental.metaspades.bin.26	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018279-94_RA_dental.metaspades.bin.46	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018282-108_RA_dental.metaspades.bin.30	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018286-123_RA_dental.metaspades.bin.63	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018287-129_RA_dental.metaspades.bin.69	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018288-133_RA_dental.metaspades.bin.36	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018291-142_RA_dental.metaspades.bin.25	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018292-158_RA_dental.metaspades.bin.12	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018310-169_RA_dental.metaspades.bin.1	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018312-14_RA_dental.metaspades.bin.87	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018315-17_RA_dental.metaspades.bin.58	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018317-19_RA_dental.metaspades.bin.4	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018318-20_RA_dental.metaspades.bin.38	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018320-22_RA_dental.metaspades.bin.15	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018322-24_RA_dental.metaspades.bin.62	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
SZAXPI018323-25_RA_dental.metaspades.bin.51	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
RSZYD18187400_A_saliva.metaspades.bin.14	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300050_tooth_RA.megahit.bin.47	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300051_tooth_RA.megahit.bin.71	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300052_tooth_RA.megahit.bin.29	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300056_tooth_RA.megahit.bin.17	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300060_tooth_RA.megahit.bin.57	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300062_tooth_RA.megahit.bin.66	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300065_tooth_RA.megahit.bin.79	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300066_tooth_RA.megahit.bin.70	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300067_tooth_RA.megahit.bin.1	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300068_tooth_RA.megahit.bin.89	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300073_tooth_RA.megahit.bin.46	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300075_tooth_RA.megahit.bin.36	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300077_tooth_RA.megahit.bin.6	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
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R0170300110_tooth_RA.megahit.bin.64	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300111_tooth_RA.megahit.bin.62	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300114_tooth_RA.megahit.bin.70	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
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R0170300125_tooth_RA.megahit.bin.2	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300127_tooth_RA.megahit.bin.43	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300129_tooth_RA.megahit.bin.17	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300133_tooth_RA.megahit.bin.51	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300135_tooth_RA.megahit.bin.76	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300136_tooth_RA.megahit.bin.7	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300137_tooth_RA.megahit.bin.10	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300139_tooth_RA.megahit.bin.99	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300141_tooth_RA.megahit.bin.64	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300144_tooth_RA.megahit.bin.121	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300145_tooth_RA.megahit.bin.44	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300146_tooth_RA.megahit.bin.4	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300148_tooth_RA.megahit.bin.4	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300150_tooth_RA.megahit.bin.56	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300151_tooth_RA.megahit.bin.21	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300152_tooth_RA.megahit.bin.80	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300153_tooth_RA.megahit.bin.106	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485

R0170300156_tooth_RA.megahit.bin.91	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300158_tooth_RA.megahit.bin.24	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300159_tooth_RA.megahit.bin.123	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300161_tooth_RA.megahit.bin.38	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300162_tooth_RA.megahit.bin.20	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300165_tooth_RA.megahit.bin.12	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300170_tooth_RA.megahit.bin.1	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300175_tooth_RA.megahit.bin.20	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300176_tooth_RA.megahit.bin.97	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300181_tooth_RA.megahit.bin.88	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300187_tooth_RA.megahit.bin.57	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300190_tooth_RA.megahit.bin.12	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300192_tooth_RA.megahit.bin.84	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300193_tooth_RA.megahit.bin.57	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300194_tooth_RA.megahit.bin.76	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300195_tooth_RA.megahit.bin.89	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300200_tooth_RA.megahit.bin.49	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300202_tooth_RA.megahit.bin.34	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300203_tooth_RA.megahit.bin.96	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300208_tooth_RA.megahit.bin.73	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300210_tooth_RA.megahit.bin.1	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300213_tooth_RA.megahit.bin.95	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300218_tooth_RA.megahit.bin.65	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300219_tooth_RA.megahit.bin.2	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300221_tooth_RA.megahit.bin.10	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300222_tooth_RA.megahit.bin.120	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300223_tooth_RA.megahit.bin.112	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300224_tooth_RA.megahit.bin.6	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300226_tooth_RA.megahit.bin.18	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300228_tooth_RA.megahit.bin.112	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300229_tooth_RA.megahit.bin.46	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300231_tooth_RA.megahit.bin.10	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300235_tooth_RAH.megahit.bin.34	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300240_tooth_RAH.megahit.bin.61	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300241_tooth_RAH.megahit.bin.63	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300242_tooth_RAH.megahit.bin.82	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300244_tooth_RAH.megahit.bin.80	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300247_tooth_RAH.megahit.bin.77	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300249_tooth_RAH.megahit.bin.3	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300250_tooth_RAH.megahit.bin.53	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300251_tooth_RAH.megahit.bin.31	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300252_tooth_RAH.megahit.bin.31	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300253_tooth_RAH.megahit.bin.118	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300255_tooth_RAH.megahit.bin.83	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
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R0170300259_tooth_RAH.megahit.bin.10	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300262_tooth_RAH.megahit.bin.134	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300265_tooth_RAH.megahit.bin.69	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300266_tooth_RAH.megahit.bin.12	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300267_tooth_RAH.megahit.bin.31	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300268_tooth_RAH.megahit.bin.104	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300269_tooth_RAH.megahit.bin.4	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300270_tooth_RAH.megahit.bin.24	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300271_tooth_RAH.megahit.bin.21	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300272_tooth_RAH.megahit.bin.25	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300273_tooth_RAH.megahit.bin.122	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300274_tooth_RAH.megahit.bin.17	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300277_tooth_RAH.megahit.bin.101	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300279_tooth_RAH.megahit.bin.27	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300281_tooth_RAH.megahit.bin.128	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300283_tooth_RAH.megahit.bin.89	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300284_tooth_RAH.megahit.bin.10	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300285_tooth_RAH.megahit.bin.89	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
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R0170300289_tooth_RAH.megahit.bin.36	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300291_tooth_RAH.megahit.bin.75	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300293_tooth_RAH.megahit.bin.118	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300294_tooth_RAH.megahit.bin.65	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300296_tooth_RAH.megahit.bin.125	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300297_tooth_RAH.megahit.bin.78	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300298_tooth_RAH.megahit.bin.8	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300299_tooth_RAH.megahit.bin.97	annotated species	cluster707	Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485

R0170300300_tooth_RAH.megahit.bin.146	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300301_tooth_RAH.megahit.bin.77	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300303_tooth_RAH.megahit.bin.144	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300305_tooth_RAH.megahit.bin.21	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300306_tooth_RAH.megahit.bin.130	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300309_tooth_RAH.megahit.bin.66	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300311_tooth_RAH.megahit.bin.87	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300318_tooth_RAH.megahit.bin.131	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300320_tooth_RAH.megahit.bin.4	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300321_tooth_RAH.megahit.bin.21	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300323_tooth_RAH.megahit.bin.84	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300327_tooth_RA.megahit.bin.68	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
R0170300338_saliva_RA.megahit.bin.56	annotated species	cluster707		Patescibacteria	saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
RDPYD18098889_A_saliva.metaspades.bin.45	annotated species	cluster707		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01 sp007845485
GCA_013334475.1_ASM1333447v1	annotated species	cluster708	cluster708	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547 sp013334475
GCA_027492255.1_ASM2749225v1	novel genus	cluster709	cluster709	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946		
GCA_027446965.1_ASM2744696v1	novel species	cluster710	cluster710	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	
GCA_002421965.1_ASM242196v1	annotated species	cluster711	cluster711	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp002421965
GCA_027312225.1_ASM2731222v1	novel genus	cluster712	cluster712	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA2112		
GCA_010014515.1_ASM1001451v1	novel species	cluster713	cluster713	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261	annotated species	cluster714	cluster714	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01 sp903839515
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361	annotated species	cluster715	cluster715	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01 sp903900685
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708	annotated species	cluster716	cluster716	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01 sp903925195
GCA_018001155.1_ASM1800115v1	novel species	cluster717	cluster717	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	JAGORN01	
GCA_020428475.1_ASM2042847v1	novel genus	cluster718	cluster718	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01		
GCA_903828465.1_freshwater_MAG_---_Umea3_bin-2596	annotated species	cluster719	cluster719	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	CAILQE01	CAILQE01 sp903836325
GCA_903836325.1_freshwater_MAG_---_KR2_bin-0178	annotated species	cluster719		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	CAILQE01	CAILQE01 sp903836325
GCA_903837875.1_freshwater_MAG_---_Umea_bin-00478	annotated species	cluster719		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	CAILQE01	CAILQE01 sp903836325
GCA_903847695.1_freshwater_MAG_---_YR_bin-4361	annotated species	cluster719		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	CAILQE01	CAILQE01 sp903836325
GCA_014191035.1_ASM1419103v1	annotated species	cluster720	cluster720	Patescibacteria	Saccharimonadia	CAILAD01	BJGX01	BJGX01	BJGX01 sp014191035
GCA_017991755.1_ASM1799175v1	novel genus	cluster721	cluster721	Patescibacteria	Saccharimonadia	Saccharimonadales	JAGPDM01		
GCA_020427985.1_ASM2042798v1	novel genus	cluster722	cluster722	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665		
GCA_020428275.1_ASM2042827v1	novel species	cluster723	cluster723	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
GCA_023259925.1_ASM2325992v1	novel species	cluster724	cluster724	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	
GCA_002336935.1_ASM233693v1	annotated species	cluster725	cluster725	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp002336935
GCA_017983575.1_ASM1798357v1	novel species	cluster726	cluster726	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
GCA_020428315.1_ASM2042831v1	novel genus	cluster727	cluster727	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020		
GCA_014377695.1_ASM1437769v1	annotated species	cluster728	cluster728	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	JACMPA01	JACMPA01 sp014377695
GCA_020428425.1_ASM2042842v1	novel genus	cluster729	cluster729	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31		
RSZAXPI002619-34_RA_dental.metaspades.bin.39	novel species	cluster730		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
SZAXPI018317-19_RA_dental.metaspades.bin.46	novel species	cluster730		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
SZAXPI018488-20_RA_saliva.metaspades.bin.49	novel species	cluster730	cluster730	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300260_tooth_RAH.megahit.bin.16	novel species	cluster730		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300274_tooth_RAH.megahit.bin.32	novel species	cluster730		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300293_tooth_RAH.megahit.bin.36	novel species	cluster730		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300298_tooth_RAH.megahit.bin.133	novel species	cluster730		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300306_tooth_RAH.megahit.bin.30	novel species	cluster730		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300213_tooth_RA.megahit.bin.30	novel species	cluster731	cluster731	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
GCA_018127705.1_ASM1812770v1	annotated species	cluster732	cluster732	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp018127705
RSZAXPI002316-25_RAH_dental.metaspades.bin.41	annotated species	cluster732		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp018127705
SZAXPI018190-56_RA_dental.metaspades.bin.44	annotated species	cluster732		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp018127705
R0170300053_tooth_RA.megahit.bin.84	annotated species	cluster732		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp018127705
R0170300178_tooth_RA.megahit.bin.65	annotated species	cluster732		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp018127705
R0170300200_tooth_RA.megahit.bin.64	annotated species	cluster732		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp018127705
R0170300285_tooth_RAH.megahit.bin.44	annotated species	cluster732		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp018127705
GCA_905373345.1_SRR9217464-mag-bin.7	annotated species	cluster733		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905373345
R0170300320_tooth_RAH.megahit.bin.52	annotated species	cluster733	cluster733	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905373345
GCA_013333675.2_ASM1333367v2	annotated species	cluster734		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333675
GCA_947098845.1_SRR8786267_bin.6_metaWRAP_v1.3_MAG	annotated species	cluster734		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333675
R0170300284_tooth_RAH.megahit.bin.22	annotated species	cluster734		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333675
R0170300307_tooth_RAH.megahit.bin.81	annotated species	cluster734	cluster734	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333675
R0170300060_tooth_RA.megahit.bin.77	annotated species	cluster735		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905371715
R0170300137_tooth_RA.megahit.bin.75	annotated species	cluster735		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905371715
R0170300157_tooth_RA.megahit.bin.74	annotated species	cluster735		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905371715
R0170300210_tooth_RA.megahit.bin.95	annotated species	cluster735		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905371715
R0170300265_tooth_RAH.megahit.bin.100	annotated species	cluster735	cluster735	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905371715
GCA_905372385.1_SRR9217408-mag-bin.1	annotated species	cluster736	cluster736	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905371715
RSZAXPI002311-20_RAH_dental.metaspades.bin.6	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
RSZAXPI002315-24_RAH_dental.metaspades.bin.39	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
RSZAXPI002326-41_RAH_dental.metaspades.bin.35	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
RSZAXPI002332-57_RAH_dental.metaspades.bin.16	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
RSZAXPI002628-79_RA_dental.metaspades.bin.30	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	

RSZAXPI002641-101_RA_dental.metaspades.bin.62	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002657-17_RA_dental.metaspades.bin.27	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002673-20_RA_dental.metaspades.bin.43	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018096-17_RA_dental.metaspades.bin.7	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018275-88_RA_dental.metaspades.bin.38	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018287-129_RA_dental.metaspades.bin.34	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018288-133_RA_dental.metaspades.bin.72	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018309-166_RA_dental.metaspades.bin.21	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018322-24_RA_dental.metaspades.bin.44	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300052_tooth_RA.megahit.bin.177	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300098_tooth_RA.megahit.bin.129	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300117_tooth_RA.megahit.bin.12	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300136_tooth_RA.megahit.bin.13	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300161_tooth_RA.megahit.bin.8	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300194_tooth_RA.megahit.bin.127	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300202_tooth_RA.megahit.bin.78	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300204_tooth_RA.megahit.bin.65	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300208_tooth_RA.megahit.bin.25	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300219_tooth_RA.megahit.bin.19	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300221_tooth_RA.megahit.bin.19	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300222_tooth_RA.megahit.bin.35	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300242_tooth_RAH.megahit.bin.95	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300251_tooth_RAH.megahit.bin.14	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300253_tooth_RAH.megahit.bin.35	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300257_tooth_RAH.megahit.bin.65	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300266_tooth_RAH.megahit.bin.30	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300267_tooth_RAH.megahit.bin.64	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300268_tooth_RAH.megahit.bin.13	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300269_tooth_RAH.megahit.bin.68	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300272_tooth_RAH.megahit.bin.87	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300283_tooth_RAH.megahit.bin.67	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300301_tooth_RAH.megahit.bin.99	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300311_tooth_RAH.megahit.bin.11	novel species	cluster736		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
GCA_002699225.1_ASM269922v1	annotated species	cluster737	cluster737	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175 sp002726935	
GCA_009992235.1_ASM999223v1	annotated species	cluster738	cluster738	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175 sp009992235	
GCA_027311865.1_ASM2731186v1	novel species	cluster739	cluster739	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175		
GCA_001790365.1_ASM179036v1	annotated species	cluster740	cluster740	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17 sp001790515	
GCA_001790435.1_ASM179043v1	annotated species	cluster740		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17 sp001790515	
GCA_001790515.1_ASM179051v1	annotated species	cluster740		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17 sp001790515	
GCA_002421785.1_ASM242178v1	annotated species	cluster741	cluster741	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp002421785	
GCA_005697055.1_ASM569705v1	annotated species	cluster742		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
GCA_010201925.1_ASM1020192v1	annotated species	cluster742	cluster742	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
GCA_010202265.1_ASM1020226v1	annotated species	cluster742		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
GCA_013098655.1_ASM1309865v1	annotated species	cluster742		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
GCA_013098855.1_ASM1309885v1	annotated species	cluster742		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
GCA_013333485.2_ASM1333348v2	annotated species	cluster742		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
GCA_947097435.1_SRR8786267_bin.5_metaWRAP_v1.3_MAG	annotated species	cluster742		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
RSZAXPI002625-57_RA_dental.metaspades.bin.44	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
RSZAXPI002637-96_RA_dental.metaspades.bin.5	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
RSZAXPI002674-21_RA_dental.metaspades.bin.42	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
SZAXPI018323-25_RA_dental.metaspades.bin.7	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300060_tooth_RA.megahit.bin.92	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300067_tooth_RA.megahit.bin.54	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300107_tooth_RA.megahit.bin.2	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300119_tooth_RA.megahit.bin.84	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300120_tooth_RA.megahit.bin.47	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300133_tooth_RA.megahit.bin.23	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300136_tooth_RA.megahit.bin.76	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300150_tooth_RA.megahit.bin.66	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300183_tooth_RA.megahit.bin.5	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300196_tooth_RA.megahit.bin.46	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300221_tooth_RA.megahit.bin.80	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300222_tooth_RA.megahit.bin.139	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300229_tooth_RA.megahit.bin.48	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300246_tooth_RAH.megahit.bin.19	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300251_tooth_RAH.megahit.bin.7	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300279_tooth_RAH.megahit.bin.111	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300287_tooth_RAH.megahit.bin.130	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300302_tooth_RAH.megahit.bin.125	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300306_tooth_RAH.megahit.bin.34	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
R0170300323_tooth_RAH.megahit.bin.52	annotated species	cluster742		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp010202265	
GCA_020428105.1_ASM2042810v1	novel species	cluster743	cluster743	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACDFO01		

GCA_002482925.1_ASM248292v1	annotated species	cluster744	cluster744	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA7683	UBA7683	UBA7683 sp002482925
GCA_027459325.1_ASM2745932v1	novel species	cluster745	cluster745	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	
GCA_013694995.1_ASM1369499v1	annotated species	cluster746	cluster746	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDBH01	JACDBH01	JACDBH01 sp013694995
GCA_946479835.1_SRR15094062_bin.4_metawrap_v1.3.0_MAG	novel species	cluster747	cluster747	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDBH01	JACDBH01	
GCA_025934715.1_ASM2593471v1	novel species	cluster748	cluster748	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	JACDFN01	
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG	novel genus	cluster749	cluster749	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212		
GCA_002316545.1_ASM231654v1	annotated species	cluster750	cluster750	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002316545
GCA_002455275.1_ASM245527v1	annotated species	cluster751	cluster751	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002455275
GCA_023257815.1_ASM2325781v1	novel species	cluster752	cluster752	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	
GCA_002304695.1_ASM230469v1	annotated species	cluster753		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002335175
GCA_002335175.1_ASM233517v1	annotated species	cluster753	cluster753	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002335175
GCA_002344735.1_ASM234473v1	annotated species	cluster753		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002335175
GCA_002425115.1_ASM242511v1	annotated species	cluster753		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002335175
GCA_002433925.1_ASM243392v1	annotated species	cluster753		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020 sp002335175
GCA_002344715.1_ASM234471v1	annotated species	cluster754		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946	UBA5946	UBA5946 sp002434045
GCA_002425145.1_ASM242514v1	annotated species	cluster754		Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946	UBA5946	UBA5946 sp002434045
GCA_002434045.1_ASM243404v1	annotated species	cluster754	cluster754	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946	UBA5946	UBA5946 sp002434045
GCA_017992295.1_ASM1799229v1	annotated species	cluster755	cluster755	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	JAGOOV01	JAGOOV01 sp017992295
GCA_017510205.1_ASM1751020v1	novel species	cluster756	cluster756	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_017983775.1_ASM1798377v1	annotated species	cluster757	cluster757	Patescibacteria	Saccharimonadia	JAGOAT01	JAGOAT01	JAGOAT01	JAGOAT01 sp017983775
GCA_003022365.1_ASM302236v1	annotated species	cluster758	cluster758	Patescibacteria	Saccharimonadia	QS-5-54-17	QS-5-54-17	QS-5-54-17	QS-5-54-17 sp003022365
GCA_019352195.1_ASM1935219v1	novel genus	cluster759	cluster759	Patescibacteria	Saccharimonadia	UBA4664	UBA4664		
GCA_004138445.1_ASM413844v1	novel species	cluster146	cluster146	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
GCA_004138455.1_ASM413845v1	annotated species	cluster147	cluster147	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus periodonticus
GCA_905372225.1_SRR9217401-mag-bin.8	annotated species	cluster148	cluster148	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp905372225
GCA_905373385.1_SRR9217464-mag-bin.2	annotated species	cluster149	cluster149	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp905373385
GCA_905373275.1_SRR9217462-mag-bin.7	annotated species	cluster150	cluster150	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus sp905373275
R0170300288_tooth_RAH.megahit.bin.40	novel species	cluster151		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300321_tooth_RAH.megahit.bin.95	novel species	cluster151	cluster151	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018396-36_RA_saliva.metaspades.bin.56	novel species	cluster152	cluster152	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002321-33_RAH_dental.metaspades.bin.29	novel species	cluster153	cluster153	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002331-56_RAH_dental.metaspades.bin.18	novel species	cluster153		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300263_tooth_RAH.megahit.bin.26	novel species	cluster154	cluster154	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300279_tooth_RAH.megahit.bin.30	novel species	cluster155	cluster155	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002455-75_RAH_dental.metaspades.bin.27	novel species	cluster156	cluster156	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300214_tooth_RA.megahit.bin.92	novel species	cluster157	cluster157	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300145_tooth_RA.megahit.bin.69	novel species	cluster158	cluster158	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002312-21_RAH_dental.metaspades.bin.14	novel species	cluster159	cluster159	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002604-26_RA_dental.metaspades.bin.6	novel species	cluster160	cluster160	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300115_tooth_RA.megahit.bin.91	novel species	cluster160		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018284-111_RA_dental.metaspades.bin.3	novel species	cluster161	cluster161	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300228_tooth_RA.megahit.bin.36	novel species	cluster162	cluster162	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300309_tooth_RAH.megahit.bin.15	novel species	cluster163	cluster163	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
GCA_915070725.1_SRR1045092_bin.5_metaWRAP_v1.1_MAG	novel species	cluster164	cluster164	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002619-34_RA_dental.metaspades.bin.45	novel species	cluster165	cluster165	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300136_tooth_RA.megahit.bin.26	novel species	cluster165		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZYD18078570_A_saliva.metaspades.bin.17	novel species	cluster166	cluster166	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018313-15_RA_dental.metaspades.bin.43	novel species	cluster167	cluster167	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300207_tooth_RA.megahit.bin.65	novel species	cluster168	cluster168	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300272_tooth_RAH.megahit.bin.14	novel species	cluster169	cluster169	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZYD18187330_A_saliva.metaspades.bin.47	novel species	cluster170	cluster170	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002639-98_RA_dental.metaspades.bin.8	novel species	cluster171	cluster171	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018357-22_RA_saliva.metaspades.bin.38	novel species	cluster171		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300100_tooth_RA.megahit.bin.38	novel species	cluster172	cluster172	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300252_tooth_RAH.megahit.bin.32	novel species	cluster173	cluster173	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300219_tooth_RA.megahit.bin.90	novel species	cluster174	cluster174	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZYD18187275_A_saliva.metaspades.bin.59	novel species	cluster175	cluster175	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018094-15_RA_dental.metaspades.bin.29	novel species	cluster176	cluster176	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018354-19_RA_saliva.metaspades.bin.2	novel species	cluster177	cluster177	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018355-20_RA_saliva.metaspades.bin.45	novel species	cluster177		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002620-35_RA_dental.metaspades.bin.60	novel species	cluster178	cluster178	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300139_tooth_RA.megahit.bin.95	novel species	cluster178		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018171-25_1_RA_dental.metaspades.bin.83	novel species	cluster179	cluster179	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018274-87_RA_dental.metaspades.bin.66	novel species	cluster179		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018320-22_RA_dental.metaspades.bin.9	novel species	cluster179		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300282_tooth_RAH.megahit.bin.15	novel species	cluster179		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300183_tooth_RA.megahit.bin.33	novel species	cluster180	cluster180	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300065_tooth_RA.megahit.bin.77	novel species	cluster181	cluster181	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300155_tooth_RA.megahit.bin.58	novel species	cluster182	cluster182	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300287_tooth_RAH.megahit.bin.151	novel species	cluster183	cluster183	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
YS000254_saliva.spades.bin.23	novel species	cluster184	cluster184	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300182_tooth_RA.megahit.bin.100	novel species	cluster185	cluster185	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	

R0170300083_tooth_RA.megahit.bin.110	novel species	cluster186	cluster186	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300149_tooth_RA.megahit.bin.28	novel species	cluster187	cluster187	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300267_tooth_RAH.megahit.bin.18	novel species	cluster188	cluster188	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300325_tooth_RA.megahit.bin.8	novel species	cluster189	cluster189	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002456-79_RAH_dental.metaspades.bin.34	novel species	cluster190	cluster190	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300277_tooth_RAH.megahit.bin.80	novel species	cluster190		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300251_tooth_RAH.megahit.bin.36	novel species	cluster191	cluster191	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300078_tooth_RA.megahit.bin.66	novel species	cluster192	cluster192	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018435-88_RA_saliva.metaspades.bin.58	novel species	cluster193	cluster193	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002310-19_RAH_dental.metaspades.bin.24	novel species	cluster194	cluster194	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002629-81_RA_dental.metaspades.bin.82	novel species	cluster195	cluster195	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300170_tooth_RA.megahit.bin.136	novel species	cluster195		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300200_tooth_RA.megahit.bin.29	novel species	cluster196	cluster196	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300092_tooth_RA.megahit.bin.31	novel species	cluster197	cluster197	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018181-37_RA_dental.metaspades.bin.33	novel species	cluster198	cluster198	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300127_tooth_RA.megahit.bin.7	novel species	cluster198		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300185_tooth_RA.megahit.bin.44	novel species	cluster199	cluster199	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002656-16_RA_dental.metaspades.bin.48	novel species	cluster200	cluster200	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300172_tooth_RA.megahit.bin.52	novel species	cluster200		Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300176_tooth_RA.megahit.bin.83	novel species	cluster201	cluster201	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300276_tooth_RAH.megahit.bin.88	novel species	cluster202	cluster202	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300311_tooth_RAH.megahit.bin.92	novel species	cluster203	cluster203	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002305-14_RAH_dental.metaspades.bin.64	novel species	cluster204	cluster204	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300178_tooth_RA.megahit.bin.23	novel species	cluster205	cluster205	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300303_tooth_RAH.megahit.bin.143	novel species	cluster206	cluster206	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300310_tooth_RAH.megahit.bin.34	novel species	cluster207	cluster207	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZYD18187666_A_saliva.metaspades.bin.39	novel species	cluster208	cluster208	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300222_tooth_RA.megahit.bin.89	novel species	cluster209	cluster209	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300290_tooth_RAH.megahit.bin.12	novel species	cluster210	cluster210	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RSZAXPI002330-47_RAH_dental.metaspades.bin.70	novel species	cluster211	cluster211	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300270_tooth_RAH.megahit.bin.32	novel species	cluster212	cluster212	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300051_tooth_RA.megahit.bin.56	novel species	cluster213	cluster213	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
SZAXPI018178-34_RA_dental.metaspades.bin.52	novel species	cluster214	cluster214	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300232_tooth_RA.megahit.bin.10	novel species	cluster215	cluster215	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300106_tooth_RA.megahit.bin.39	novel species	cluster216	cluster216	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
RDPYD18189858_A_saliva.metaspades.bin.62	novel species	cluster217	cluster217	Patescibacteria	saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	
R0170300104_tooth_RA.megahit.bin.11	novel species	cluster240		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300189_tooth_RA.megahit.bin.1	novel species	cluster240	cluster240	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
GCA_013333645.2_ASM1333364v2	annotated species	cluster241	cluster241	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333645
SZAXPI018281-102_RA_dental.metaspades.bin.20	novel species	cluster242	cluster242	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
GCA_927910745.1_ERR3827327_bin.3_metaWRAP_v1.1_MAG	novel species	cluster243	cluster243	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
SZAXPI018316-18_RA_dental.metaspades.bin.5	novel species	cluster244	cluster244	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300199_tooth_RA.megahit.bin.62	novel species	cluster244		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300051_tooth_RA.megahit.bin.53	novel species	cluster245	cluster245	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
SZAXPI018172-26_RA_dental.metaspades.bin.32	novel species	cluster246		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300062_tooth_RA.megahit.bin.61	novel species	cluster246	cluster246	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300254_tooth_RAH.megahit.bin.128	novel species	cluster246		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
RSZAXPI002629-81_RA_dental.metaspades.bin.76	novel species	cluster247		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300170_tooth_RA.megahit.bin.155	novel species	cluster247	cluster247	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300055_tooth_RA.megahit.bin.5	novel species	cluster248		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300124_tooth_RA.megahit.bin.51	novel species	cluster248	cluster248	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300120_tooth_RA.megahit.bin.28	novel species	cluster249	cluster249	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300222_tooth_RA.megahit.bin.94	novel species	cluster250	cluster250	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
SZAXPI018096-17_RA_dental.metaspades.bin.23	novel species	cluster251	cluster251	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
RSZAXPI002323-35_RAH_dental.metaspades.bin.28	novel species	cluster252	cluster252	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300149_tooth_RA.megahit.bin.32	novel species	cluster252		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
SZAXPI018291-142_RA_dental.metaspades.bin.37	novel species	cluster253		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300196_tooth_RA.megahit.bin.11	novel species	cluster253		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300282_tooth_RAH.megahit.bin.3	novel species	cluster253	cluster253	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300325_tooth_RA.megahit.bin.68	novel species	cluster253		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
SZAXPI018287-129_RA_dental.metaspades.bin.24	novel species	cluster254		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
SZAXPI018288-133_RA_dental.metaspades.bin.4	novel species	cluster254	cluster254	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
GCA_905373835.1_SRR9217492-mag-bin.7	annotated species	cluster255	cluster255	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905373835
SZAXPI018184-41_RA_dental.metaspades.bin.37	novel species	cluster256	cluster256	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
RSZAXPI002675-22_RA_dental.metaspades.bin.61	novel species	cluster257	cluster257	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300179_tooth_RA.megahit.bin.15	novel species	cluster258	cluster258	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
RSZAXPI002650-142_RA_saliva.metaspades.bin.28	novel species	cluster259	cluster259	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
GCA_946222005.1_ZZEVbxAAOO_bin.25.MAG	novel species	cluster260	cluster260	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300061_tooth_RA.megahit.bin.12	novel species	cluster261	cluster261	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
RDPYD18300059_A_saliva.metaspades.bin.13	novel species	cluster262	cluster262	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
R0170300203_tooth_RA.megahit.bin.94	novel species	cluster263	cluster263	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	
RSZAXPI002460-93_2_RAH_saliva.metaspades.bin.39	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945

RSZAXPI002633-90_RA_dental.metaspades.bin.24	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
SZAXPI018280-95_RA_dental.metaspades.bin.19	annotated species	cluster295	cluster295	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
RDPYD18088975_A_saliva.metaspades.bin.20	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
RDPYD18300076_A_saliva.metaspades.bin.3	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
RDPYD18300127_A_saliva.metaspades.bin.55	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
RSZYD18078225_A_saliva.metaspades.bin.17	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
RSZYD18187112_A_saliva.metaspades.bin.35	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
RSZYD18187758_A_saliva.metaspades.bin.70	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
R0170300061_tooth_RA.megahit.bin.55	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
R0170300118_tooth_RA.megahit.bin.46	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
R0170300213_tooth_RA.megahit.bin.121	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
R0170300217_tooth_RA.megahit.bin.11	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
R0170300296_tooth_RAH.megahit.bin.95	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
R0170300305_tooth_RAH.megahit.bin.5	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
R0170300312_tooth_RAH.megahit.bin.31	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
R0170300350_saliva_RA.megahit.bin.87	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
RDPYD18098794_A_saliva.metaspades.bin.6	annotated species	cluster295		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
RDPYD18098935_A_saliva.metaspades.bin.23	annotated species	cluster295		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
RDPYD18098966_A_saliva.metaspades.bin.10	annotated species	cluster295		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
YS000444_saliva.spades.bin.11	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
YS000932_saliva.spades.bin.7	annotated species	cluster295		Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis sp900555945
RSZYD18078075_A_saliva.metaspades.bin.101	novel species	cluster296	cluster296	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	
SZAXPI018318-20_RA_dental.metaspades.bin.22	novel species	cluster297	cluster297	Patescibacteria	saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	
RDPYD18088981_A_saliva.metaspades.bin.1	novel species	cluster491	cluster491	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078217_A_saliva.metaspades.bin.95	novel species	cluster492	cluster492	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RDPYD18300377_A_saliva.metaspades.bin.20	novel species	cluster493	cluster493	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187002_A_saliva.metaspades.bin.39	novel species	cluster494	cluster494	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RDPYD18201655_A_saliva.metaspades.bin.21	novel species	cluster495	cluster495	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300392_saliva_RAH.megahit.bin.14	novel species	cluster496	cluster496	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187350_A_saliva.metaspades.bin.64	novel species	cluster497	cluster497	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078115_A_saliva.metaspades.bin.19	novel species	cluster498	cluster498	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187690_A_saliva.metaspades.bin.43	novel species	cluster499	cluster499	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187344_A_saliva.metaspades.bin.71	novel species	cluster500	cluster500	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RDPYD18189835_A_saliva.metaspades.bin.31	novel species	cluster501	cluster501	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
SZAXPI018394-33_RA_saliva.metaspades.bin.17	novel species	cluster502	cluster502	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300378_saliva_RAH.megahit.bin.36	novel species	cluster503	cluster503	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RDPYD18189959_A_saliva.metaspades.bin.31	novel species	cluster504	cluster504	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078398_A_saliva.metaspades.bin.15	novel species	cluster505	cluster505	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078615_A_saliva.metaspades.bin.32	novel species	cluster506	cluster506	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187261_A_saliva.metaspades.bin.68	novel species	cluster507	cluster507	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187336_A_saliva.metaspades.bin.56	novel species	cluster508	cluster508	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187330_A_saliva.metaspades.bin.30	novel species	cluster509	cluster509	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RDPYD18300101_A_saliva.metaspades.bin.92	novel species	cluster510	cluster510	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078343_A_saliva.metaspades.bin.34	novel species	cluster511	cluster511	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187503_A_saliva.metaspades.bin.19	novel species	cluster512	cluster512	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187652_A_saliva.metaspades.bin.2	novel species	cluster513	cluster513	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_015257445.1_ASM1525744v1	annotated species	cluster514	cluster514	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp015257445
RSZYD18078798_A_saliva.metaspades.bin.24	novel species	cluster515	cluster515	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
SZAXPI018397-37_RA_saliva.metaspades.bin.18	novel species	cluster516	cluster516	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
SZAXPI018358-23_RA_saliva.metaspades.bin.53	novel species	cluster517	cluster517	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RDPYD18300036_A_saliva.metaspades.bin.53	novel species	cluster518	cluster518	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_015257485.1_ASM1525748v1	annotated species	cluster519	cluster519	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus sp015257485
RSZYD18187174_A_saliva.metaspades.bin.29	novel species	cluster520	cluster520	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078259_A_saliva.metaspades.bin.22	novel species	cluster521	cluster521	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187492_A_saliva.metaspades.bin.15	novel species	cluster522	cluster522	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
SZAXPI018492-24_RA_saliva.metaspades.bin.47	novel species	cluster523	cluster523	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZAXPI002622-39_RA_saliva.metaspades.bin.19	novel species	cluster524	cluster524	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187184_A_saliva.metaspades.bin.14	novel species	cluster525	cluster525	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18187144_A_saliva.metaspades.bin.68	annotated species	cluster540	cluster540	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus nanoralicus
R0170300264_tooth_RAH.megahit.bin.17	novel species	cluster541	cluster541	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RDPYD18300091_A_saliva.metaspades.bin.68	novel species	cluster542	cluster542	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078562_A_saliva.metaspades.bin.64	novel species	cluster542		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078736_A_saliva.metaspades.bin.17	novel species	cluster542		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
RSZYD18078148_A_saliva.metaspades.bin.14	novel species	cluster543	cluster543	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300298_tooth_RAH.megahit.bin.124	novel species	cluster544	cluster544	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
R0170300223_tooth_RA.megahit.bin.10	novel species	cluster555	cluster555	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	
GCA_905371595.1_SRR9217384-mag-bin.1	annotated species	cluster572	cluster572	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905371595
GCA_013333625.2_ASM1333362v2	annotated species	cluster573	cluster573	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp013333625
GCA_947097585.1_SRR8786264_bin.12_metaWRAP_v1.3_MAG	annotated species	cluster574		Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905371595
RSZAXPI002325-39_RAH_dental.metaspades.bin.11	annotated species	cluster574		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905372275
RSZAXPI002612-20_RA_dental.metaspades.bin.34	annotated species	cluster574		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905372275
R0170300256_tooth_RAH.megahit.bin.10	annotated species	cluster574		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905372275

RSZAXPI002330-47_RAH_dental.metaspades.bin.26	novel species	cluster574		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002620-35_RA_dental.metaspades.bin.12	novel species	cluster574		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002633-90_RA_dental.metaspades.bin.49	novel species	cluster574	cluster574	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZYD18187400_A_saliva.metaspades.bin.89	novel species	cluster574		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300147_tooth_RA.megahit.bin.17	novel species	cluster574		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300308_tooth_RAH.megahit.bin.44	novel species	cluster574		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
RSZAXPI002331-56_RAH_dental.metaspades.bin.3	novel species	cluster575		Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018092-13_RA_dental.metaspades.bin.42	novel species	cluster575	cluster575	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
GCA_905365145.1_ERZ1644999-mag-bin.1	annotated species	cluster576	cluster576	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas sp905365145	
RSZAXPI002316-25_RAH_dental.metaspades.bin.26	novel species	cluster577	cluster577	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018284-111_RA_dental.metaspades.bin.60	novel species	cluster578	cluster578	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
SZAXPI018176-32_RA_dental.metaspades.bin.12	novel species	cluster579	cluster579	Patescibacteria	saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas		
R0170300071_tooth_RA.megahit.bin.81	novel species	cluster593	cluster593	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300309_tooth_RAH.megahit.bin.70	novel species	cluster594	cluster594	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZAXPI002603-21_RA_dental.metaspades.bin.27	novel species	cluster595		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018098-19_RA_dental.metaspades.bin.53	novel species	cluster595	cluster595	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018271-62_RA_dental.metaspades.bin.3	novel species	cluster595		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300128_tooth_RA.megahit.bin.9	novel species	cluster595		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018181-37_RA_dental.metaspades.bin.31	novel species	cluster596	cluster596	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300127_tooth_RA.megahit.bin.30	novel species	cluster596		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300179_tooth_RA.megahit.bin.1	novel species	cluster597	cluster597	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018092-13_RA_dental.metaspades.bin.61	novel species	cluster598	cluster598	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018171-25_1_RA_dental.metaspades.bin.52	novel species	cluster599	cluster599	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300289_tooth_RAH.megahit.bin.75	novel species	cluster600	cluster600	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300231_tooth_RA.megahit.bin.16	novel species	cluster610	cluster610	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_010202115.1_ASM1020211v1	annotated species	cluster611	cluster611	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp010202115	
GCA_013099195.1_ASM1309919v1	annotated species	cluster612	cluster612	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp013099195	
RSZAXPI002636-95_RA_dental.metaspades.bin.22	novel species	cluster613	cluster613	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300102_tooth_RA.megahit.bin.26	novel species	cluster613		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018177-33_RA_dental.metaspades.bin.61	novel species	cluster614	cluster614	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZAXPI002325-39_RAH_dental.metaspades.bin.28	novel species	cluster615	cluster615	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300092_tooth_RA.megahit.bin.69	novel species	cluster616	cluster616	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078749_A_saliva.metaspades.bin.36	novel species	cluster629		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187514_A_saliva.metaspades.bin.23	novel species	cluster629	cluster629	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000535_saliva.spades.bin.35	novel species	cluster629		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZAXPI002324-37_RAH_dental.metaspades.bin.42	novel species	cluster630	cluster630	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18088792_A_saliva.metaspades.bin.66	novel species	cluster631		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18201650_A_saliva.metaspades.bin.5	novel species	cluster631	cluster631	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078746_A_saliva.metaspades.bin.2	novel species	cluster632	cluster632	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187613_A_saliva.metaspades.bin.34	annotated species	cluster633		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
YS000487_saliva.spades.bin.36	annotated species	cluster633		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
YS000462_saliva.spades.bin.8	novel species	cluster633	cluster633	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_022828295.1_ASM2282829v1	annotated species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
GCA_007845265.1_ASM784526v1	annotated species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
GCA_007845325.1_ASM784532v1	annotated species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
GCA_007845355.1_ASM784535v1	annotated species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
GCA_015257495.1_ASM1525749v1	annotated species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
GCA_020912025.1_ASM2091202v1	annotated species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
GCA_900757685.1_ERS537356_50	annotated species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
GCA_905370345.1_DRR046104-mag-bin.8	annotated species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
GCA_916439725.1_DRR214962_bin.20_metaWRAP_v1.1_MAG	annotated species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
GCA_916720665.1_SRR15235659_bin.7_metaWRAP_v1.1_MAG	annotated species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
SRR6748116.metaspades.bin.2	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
SRR6748158.metaspades.bin.2	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
SRR6748159.metaspades.bin.19	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
SRR6748160.metaspades.bin.6	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
SRR6748161.metaspades.bin.16	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
SRR6748162.metaspades.bin.9	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
SRR6748163.metaspades.bin.10	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
SRR6748164.metaspades.bin.5	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
SRR6748184.metaspades.bin.16	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
SRR6748185.metaspades.bin.21	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
SRR6748220.metaspades.bin.9	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
SRR6748223.metaspades.bin.14	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
SRR8114076.metaspades.bin.27	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
SRR8114077.metaspades.bin.2	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
RSZAXPI002460-93_2_RAH_saliva.metaspades.bin.17	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
RSZAXPI002460-93_RAH_saliva.metaspades.bin.2	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	
RSZAXPI002469-104_2_RAH_saliva.metaspades.bin.11	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
RSZAXPI002470-105_RAH_saliva.metaspades.bin.14	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
RSZAXPI002477-142_2_RAH_saliva.metaspades.bin.82	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345	
RSZAXPI002482-15_2_RAH_saliva.metaspades.bin.8	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355	

SZAXPI018392-31_RA_saliva.metaspades.bin.11	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
SZAXPI018484-16_RA_saliva.metaspades.bin.48	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
SZAXPI018486-18_RA_saliva.metaspades.bin.17	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18075171_A_saliva.metaspades.bin.8	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18088781_A_saliva.metaspades.bin.15	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18088800_A_saliva.metaspades.bin.38	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18088968_A_saliva.metaspades.bin.21	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18088983_A_saliva.metaspades.bin.11	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18088985_A_saliva.metaspades.bin.11	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18088987_A_saliva.metaspades.bin.6	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18088989_A_saliva.metaspades.bin.19	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189830_A_saliva.metaspades.bin.63	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189836_A_saliva.metaspades.bin.24	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189848_A_saliva.metaspades.bin.20	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18189853_A_saliva.metaspades.bin.43	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18189858_A_saliva.metaspades.bin.8	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189867_A_saliva.metaspades.bin.12	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189868_A_saliva.metaspades.bin.61	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189869_A_saliva.metaspades.bin.73	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189889_A_saliva.metaspades.bin.54	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189898_A_saliva.metaspades.bin.76	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189907_A_saliva.metaspades.bin.26	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189914_A_saliva.metaspades.bin.11	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189932_A_saliva.metaspades.bin.10	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189960_A_saliva.metaspades.bin.59	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18189988_A_saliva.metaspades.bin.51	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18300006_A_saliva.metaspades.bin.7	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18300066_A_saliva.metaspades.bin.10	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18300075_A_saliva.metaspades.bin.22	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18300081_A_saliva.metaspades.bin.39	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18300089_A_saliva.metaspades.bin.34	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18300101_A_saliva.metaspades.bin.29	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18300150_A_saliva.metaspades.bin.6	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18300152_A_saliva.metaspades.bin.25	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18300164_A_saliva.metaspades.bin.23	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18300271_A_saliva.metaspades.bin.13	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18300291_A_saliva.metaspades.bin.51	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18300305_A_saliva.metaspades.bin.9	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18300312_A_saliva.metaspades.bin.31	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18300324_A_saliva.metaspades.bin.14	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18300362_A_saliva.metaspades.bin.83	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556355
RDPYD18300371_A_saliva.metaspades.bin.29	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18300388_A_saliva.metaspades.bin.27	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18300390_A_saliva.metaspades.bin.50	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18300407_A_saliva.metaspades.bin.4	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18300408_A_saliva.metaspades.bin.21	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078015_A_saliva.metaspades.bin.19	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078087_A_saliva.metaspades.bin.33	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078102_A_saliva.metaspades.bin.17	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078125_A_saliva.metaspades.bin.19	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078134_A_saliva.metaspades.bin.52	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078147_A_saliva.metaspades.bin.23	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078152_A_saliva.metaspades.bin.41	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078172_A_saliva.metaspades.bin.34	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078181_A_saliva.metaspades.bin.10	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078202_A_saliva.metaspades.bin.4	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078212_A_saliva.metaspades.bin.24	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078214_A_saliva.metaspades.bin.42	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078217_A_saliva.metaspades.bin.41	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078228_A_saliva.metaspades.bin.31	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556355
RSZYD18078241_A_saliva.metaspades.bin.8	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556355
RSZYD18078245_A_saliva.metaspades.bin.14	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078301_A_saliva.metaspades.bin.16	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078307_A_saliva.metaspades.bin.33	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078311_A_saliva.metaspades.bin.7	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078315_A_saliva.metaspades.bin.18	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078354_A_saliva.metaspades.bin.16	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078355_A_saliva.metaspades.bin.74	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078359_A_saliva.metaspades.bin.14	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078361_A_saliva.metaspades.bin.38	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078444_A_saliva.metaspades.bin.56	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078454_A_saliva.metaspades.bin.52	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355

RSZYD18078461_A_saliva.metaspades.bin.53	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078466_A_saliva.metaspades.bin.3	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078473_A_saliva.metaspades.bin.18	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078483_A_saliva.metaspades.bin.4	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078489_A_saliva.metaspades.bin.18	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078490_A_saliva.metaspades.bin.38	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078542_A_saliva.metaspades.bin.5	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078582_A_saliva.metaspades.bin.27	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078593_A_saliva.metaspades.bin.35	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078595_A_saliva.metaspades.bin.65	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556355
RSZYD18078604_A_saliva.metaspades.bin.57	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078615_A_saliva.metaspades.bin.45	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078620_A_saliva.metaspades.bin.29	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078630_A_saliva.metaspades.bin.13	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078648_A_saliva.metaspades.bin.16	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078660_A_saliva.metaspades.bin.67	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078691_A_saliva.metaspades.bin.32	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078695_A_saliva.metaspades.bin.45	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078697_A_saliva.metaspades.bin.17	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078725_A_saliva.metaspades.bin.23	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078738_A_saliva.metaspades.bin.63	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078741_A_saliva.metaspades.bin.48	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078747_A_saliva.metaspades.bin.1	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18078768_A_saliva.metaspades.bin.28	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078769_A_saliva.metaspades.bin.23	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078781_A_saliva.metaspades.bin.11	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078796_A_saliva.metaspades.bin.47	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078807_A_saliva.metaspades.bin.46	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078809_A_saliva.metaspades.bin.65	annotated species	cluster634	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187002_A_saliva.metaspades.bin.59	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187004_A_saliva.metaspades.bin.5	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187057_A_saliva.metaspades.bin.25	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187064_A_saliva.metaspades.bin.52	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187065_A_saliva.metaspades.bin.38	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187069_A_saliva.metaspades.bin.26	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187110_A_saliva.metaspades.bin.14	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187123_A_saliva.metaspades.bin.13	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556355
RSZYD18187142_A_saliva.metaspades.bin.22	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187166_A_saliva.metaspades.bin.15	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187169_A_saliva.metaspades.bin.33	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187184_A_saliva.metaspades.bin.10	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187203_A_saliva.metaspades.bin.7	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187216_A_saliva.metaspades.bin.102	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187234_A_saliva.metaspades.bin.73	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187273_A_saliva.metaspades.bin.58	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187280_A_saliva.metaspades.bin.37	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187299_A_saliva.metaspades.bin.6	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187301_A_saliva.metaspades.bin.29	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187306_A_saliva.metaspades.bin.13	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187324_A_saliva.metaspades.bin.25	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187340_A_saliva.metaspades.bin.39	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187344_A_saliva.metaspades.bin.34	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187345_A_saliva.metaspades.bin.42	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187358_A_saliva.metaspades.bin.22	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187361_A_saliva.metaspades.bin.8	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187379_A_saliva.metaspades.bin.62	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187389_A_saliva.metaspades.bin.6	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187425_A_saliva.metaspades.bin.18	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187442_A_saliva.metaspades.bin.35	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187457_A_saliva.metaspades.bin.42	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187460_A_saliva.metaspades.bin.2	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187500_A_saliva.metaspades.bin.18	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187508_A_saliva.metaspades.bin.8	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187511_A_saliva.metaspades.bin.2	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187520_A_saliva.metaspades.bin.22	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187556_A_saliva.metaspades.bin.16	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187586_A_saliva.metaspades.bin.38	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187591_A_saliva.metaspades.bin.33	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187595_A_saliva.metaspades.bin.7	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187596_A_saliva.metaspades.bin.23	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187612_A_saliva.metaspades.bin.12	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187631_A_saliva.metaspades.bin.12	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345

RSZYD18187650_A_saliva.metaspades.bin.9	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187669_A_saliva.metaspades.bin.34	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187694_A_saliva.metaspades.bin.6	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187707_A_saliva.metaspades.bin.26	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187715_A_saliva.metaspades.bin.33	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187760_A_saliva.metaspades.bin.26	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187762_A_saliva.metaspades.bin.45	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187773_A_saliva.metaspades.bin.68	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187790_A_saliva.metaspades.bin.35	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187792_A_saliva.metaspades.bin.31	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187823_A_saliva.metaspades.bin.19	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187841_A_saliva.metaspades.bin.58	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187862_A_saliva.metaspades.bin.43	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187874_A_saliva.metaspades.bin.29	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187903_A_saliva.metaspades.bin.45	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187907_A_saliva.metaspades.bin.32	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RSZYD18187914_A_saliva.metaspades.bin.1	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
R0170300334_saliva_RA.megahit.bin.69	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
R0170300390_saliva_RAH.megahit.bin.85	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18097619_A_saliva.metaspades.bin.8	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18097621_A_saliva.metaspades.bin.14	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18097648_A_saliva.metaspades.bin.17	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18097660_A_saliva.metaspades.bin.29	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18097666_A_saliva.metaspades.bin.15	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18098469_A_saliva.metaspades.bin.33	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556355
RDPYD18098591_A_saliva.metaspades.bin.49	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18098768_A_saliva.metaspades.bin.59	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18098839_A_saliva.metaspades.bin.19	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18098853_A_saliva.metaspades.bin.65	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18098859_A_saliva.metaspades.bin.8	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18098875_A_saliva.metaspades.bin.44	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18098882_A_saliva.metaspades.bin.1	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18098900_A_saliva.metaspades.bin.51	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18098959_A_saliva.metaspades.bin.38	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18098961_A_saliva.metaspades.bin.6	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18098964_A_saliva.metaspades.bin.45	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18099004_A_saliva.metaspades.bin.53	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18099034_A_saliva.metaspades.bin.21	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556355
RDPYD18201598_A_saliva.metaspades.bin.37	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18201644_A_saliva.metaspades.bin.16	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18201694_A_saliva.metaspades.bin.10	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18201709_A_saliva.metaspades.bin.24	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
RDPYD18201791_A_saliva.metaspades.bin.40	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RDPYD18201832_A_saliva.metaspades.bin.52	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18187735_A_saliva.metaspades.bin.54	annotated species	cluster634	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000007_saliva.spades.bin.7	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000025_saliva.spades.bin.20	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000027_saliva.spades.bin.12	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000029_saliva.spades.bin.8	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000034_saliva.spades.bin.2	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000073_saliva.spades.bin.20	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555425
YS000122_saliva.spades.bin.4	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000135_saliva.spades.bin.9	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000165_saliva.spades.bin.32	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556885
YS000202_saliva.spades.bin.16	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000206_saliva.spades.bin.3	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000209_saliva.spades.bin.15	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000214_saliva.spades.bin.5	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000226_saliva.spades.bin.6	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000227_saliva.spades.bin.28	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000231_saliva.spades.bin.18	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000234_saliva.spades.bin.16	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000246_saliva.spades.bin.34	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000259_saliva.spades.bin.23	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000274_saliva.spades.bin.38	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000275_saliva.spades.bin.17	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000296_saliva.spades.bin.5	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000299_saliva.spades.bin.16	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000305_saliva.spades.bin.4	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000360_saliva.spades.bin.8	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000361_saliva.spades.bin.9	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000371_saliva.spades.bin.7	annotated species	cluster634	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355

YS000373_saliva.spades.bin.23	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000374_saliva.spades.bin.11	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000381_saliva.spades.bin.25	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000385_saliva.spades.bin.1	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000391_saliva.spades.bin.1	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000410_saliva.spades.bin.12	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000411_saliva.spades.bin.13	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000416_saliva.spades.bin.11	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000438_saliva.spades.bin.9	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000449_saliva.spades.bin.9	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000456_saliva.spades.bin.18	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000463_saliva.spades.bin.2	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000527_saliva.spades.bin.34	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000532_saliva.spades.bin.18	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000541_saliva.spades.bin.2	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000547_saliva.spades.bin.14	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000553_saliva.spades.bin.6	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000587_saliva.spades.bin.10	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000592_saliva.spades.bin.16	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000604_saliva.spades.bin.11	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000607_saliva.spades.bin.9	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000608_saliva.spades.bin.2	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555425
YS000609_saliva.spades.bin.19	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000625_saliva.spades.bin.29	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000632_saliva.spades.bin.35	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000651_saliva.spades.bin.17	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000722_saliva.spades.bin.22	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000740_saliva.spades.bin.23	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000754_saliva.spades.bin.30	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556355
YS000883_saliva.spades.bin.12	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000906_saliva.spades.bin.34	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000922_saliva.spades.bin.6	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000927_saliva.spades.bin.50	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000948_saliva.spades.bin.2	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS001002_saliva.spades.bin.13	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS001023_saliva.spades.bin.13	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS001048_saliva.spades.bin.21	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS001064_saliva.spades.bin.3	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556355
YS001129_saliva.spades.bin.13	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS001130_saliva.spades.bin.26	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS001157_saliva.spades.bin.8	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS001160_saliva.spades.bin.8	annotated species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
GCA_022828365.1_ASM2282836v1	novel species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RDPYD18189879_A_saliva.metaspades.bin.66	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RDPYD18189913_A_saliva.metaspades.bin.17	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RDPYD18300261_A_saliva.metaspades.bin.29	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RSZYD18078104_A_saliva.metaspades.bin.107	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RSZYD18078167_A_saliva.metaspades.bin.4	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RSZYD18078639_A_saliva.metaspades.bin.14	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RSZYD18187626_A_saliva.metaspades.bin.21	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RSZYD18187911_A_saliva.metaspades.bin.37	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RSZYD18187916_A_saliva.metaspades.bin.50	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RDPYD18098858_A_saliva.metaspades.bin.23	novel species	cluster634		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
YS000348_saliva.spades.bin.15	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
YS000759_saliva.spades.bin.28	novel species	cluster634		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
YS000208_saliva.spades.bin.26	novel species	cluster635	cluster635	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RSZYD18078399_A_saliva.metaspades.bin.40	annotated species	cluster636	cluster636	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp007845355
YS000298_saliva.spades.bin.49	annotated species	cluster637	cluster637	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZYD18078188_A_saliva.metaspades.bin.16	annotated species	cluster638	cluster638	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
YS000131_saliva.spades.bin.17	novel species	cluster639	cluster639	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RSZYD18187848_A_saliva.metaspades.bin.3	annotated species	cluster640	cluster640	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp905370345
RSZAXPI002681-31_RA_saliva.metaspades.bin.57	novel species	cluster641		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RSZYD18078253_A_saliva.metaspades.bin.36	novel species	cluster641		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
YS001090_saliva.spades.bin.11	novel species	cluster641	cluster641	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
GCA_900556885.1_UMGS1986	annotated species	cluster642		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556885
RSZYD18187409_A_saliva.metaspades.bin.8	annotated species	cluster642		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556885
RSZYD18187554_A_saliva.metaspades.bin.21	annotated species	cluster642	cluster642	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556885
YS000057_saliva.spades.bin.9	annotated species	cluster642		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556885
GCA_022828255.1_ASM2282825v1	novel species	cluster643	cluster643	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
RDPYD18189930_A_saliva.metaspades.bin.8	novel species	cluster643		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	
YS000126_saliva.spades.bin.17	annotated species	cluster644		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555885
YS000127_saliva.spades.bin.16	annotated species	cluster644		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555425

RSZYD18187200_A_saliva.metaspades.bin.37	novel species	cluster644	cluster644	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_022819345.1_ASM2281934v1	annotated species	cluster645	cluster645	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900557595	
GCA_022828285.1_ASM2282828v1	annotated species	cluster645		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900557595	
RDPYD18300300_A_saliva.metaspades.bin.61	annotated species	cluster645		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900557595	
RSZYD18187281_A_saliva.metaspades.bin.17	annotated species	cluster645		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900557595	
YS000376_saliva.spades.bin.26	annotated species	cluster645		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900557595	
YS000871_saliva.spades.bin.22	annotated species	cluster645		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900556885	
RSZYD18187118_A_saliva.metaspades.bin.24	novel species	cluster646		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000143_saliva.spades.bin.5	novel species	cluster646		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000726_saliva.spades.bin.20	novel species	cluster646	cluster646	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078609_A_saliva.metaspades.bin.12	novel species	cluster647	cluster647	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000216_saliva.spades.bin.15	novel species	cluster647		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS001151_saliva.spades.bin.14	novel species	cluster647		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_900555425.1_UMGS1831	annotated species	cluster648		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555425	
RSZYD18187853_A_saliva.metaspades.bin.37	annotated species	cluster648	cluster648	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555425	
GCA_946893605.1_PRJEB56001	novel species	cluster649	cluster649	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_015257705.1_ASM1525770v1	annotated species	cluster650	cluster650	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp015257705	
GCA_904425485.1_PRJEB35131-2	novel species	cluster651	cluster651	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_918593335.1_timonensis	novel species	cluster651		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_022819365.1_ASM2281936v1	novel species	cluster652	cluster652	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078531_A_saliva.metaspades.bin.36	novel species	cluster652		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078790_A_saliva.metaspades.bin.58	novel species	cluster652		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187210_A_saliva.metaspades.bin.21	novel species	cluster653		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18099149_A_tongue.metaspades.bin.20	novel species	cluster653		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000918_saliva.spades.bin.33	novel species	cluster653	cluster653	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000928_saliva.spades.bin.8	novel species	cluster653		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS001127_saliva.spades.bin.3	novel species	cluster653		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000290_saliva.spades.bin.16	annotated species	cluster654		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555425	
RDPYD18300275_A_saliva.metaspades.bin.16	novel species	cluster654		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187920_A_saliva.metaspades.bin.29	novel species	cluster654		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18098770_A_saliva.metaspades.bin.53	novel species	cluster654	cluster654	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187427_A_saliva.metaspades.bin.75	novel species	cluster655	cluster655	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000331_saliva.spades.bin.6	annotated species	cluster656		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555425	
YS001052_saliva.spades.bin.13	annotated species	cluster656		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555425	
YS000205_saliva.spades.bin.1	novel species	cluster656	cluster656	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000394_saliva.spades.bin.25	novel species	cluster657	cluster657	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187722_A_saliva.metaspades.bin.7	novel species	cluster658	cluster658	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000066_saliva.spades.bin.24	novel species	cluster658		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000324_saliva.spades.bin.7	novel species	cluster659	cluster659	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18189916_A_saliva.metaspades.bin.45	novel species	cluster660	cluster660	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18189875_A_saliva.metaspades.bin.4	novel species	cluster661	cluster661	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18099005_A_saliva.metaspades.bin.66	novel species	cluster662	cluster662	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000758_saliva.spades.bin.5	novel species	cluster663	cluster663	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SRR8114034.metaspades.bin.21	novel species	cluster664	cluster664	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SRR8114096.metaspades.bin.1	novel species	cluster664		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000455_saliva.spades.bin.37	novel species	cluster665		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000725_saliva.spades.bin.43	novel species	cluster665		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS001069_saliva.spades.bin.6	novel species	cluster665	cluster665	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000921_saliva.spades.bin.23	annotated species	cluster666		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555425	
RDPYD18098341_A_saliva.metaspades.bin.33	novel species	cluster666	cluster666	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_022828375.1_ASM2282837v1	novel species	cluster667	cluster667	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000678_saliva.spades.bin.12	novel species	cluster668	cluster668	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078259_A_saliva.metaspades.bin.16	novel species	cluster669	cluster669	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187312_A_saliva.metaspades.bin.49	novel species	cluster670	cluster670	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18300328_A_saliva.metaspades.bin.32	novel species	cluster671	cluster671	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078400_A_saliva.metaspades.bin.68	novel species	cluster672		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187034_A_saliva.metaspades.bin.52	novel species	cluster672	cluster672	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000433_saliva.spades.bin.7	novel species	cluster672		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18093589_A_saliva.metaspades.bin.27	novel species	cluster673	cluster673	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000402_saliva.spades.bin.13	annotated species	cluster674		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555425	
RSZYD18187171_A_saliva.metaspades.bin.47	novel species	cluster674	cluster674	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
R0170300381_saliva_RAH.megahit.bin.27	novel species	cluster674		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000142_saliva.spades.bin.13	novel species	cluster674		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000166_saliva.spades.bin.9	novel species	cluster674		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18075172_A_saliva.metaspades.bin.27	novel species	cluster675	cluster675	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18300014_A_saliva.metaspades.bin.15	novel species	cluster676	cluster676	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078346_A_saliva.metaspades.bin.17	novel species	cluster677		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078550_A_saliva.metaspades.bin.59	novel species	cluster677	cluster677	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187640_A_saliva.metaspades.bin.22	novel species	cluster678	cluster678	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000546_saliva.spades.bin.3	novel species	cluster679	cluster679	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187237_A_saliva.metaspades.bin.71	novel species	cluster680	cluster680	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000926_saliva.spades.bin.2	novel species	cluster680		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		

YS000207_saliva.spades.bin.17	novel species	cluster681		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000545_saliva.spades.bin.26	novel species	cluster681	cluster681	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS001132_saliva.spades.bin.25	novel species	cluster682	cluster682	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SZAXPI018400-40_RA_saliva.metaspades.bin.35	novel species	cluster683	cluster683	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18189925_A_saliva.metaspades.bin.14	novel species	cluster684	cluster684	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078161_A_saliva.metaspades.bin.1	novel species	cluster685	cluster685	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18088984_A_saliva.metaspades.bin.13	novel species	cluster686	cluster686	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SRR8114041.metaspades.bin.6	novel species	cluster687	cluster687	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_024330325.1_ASM2433032v1	novel species	cluster688		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZAXPI002682-32_RA_saliva.metaspades.bin.12	novel species	cluster688	cluster688	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078438_A_saliva.metaspades.bin.6	novel species	cluster689		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187015_A_saliva.metaspades.bin.20	novel species	cluster689		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187656_A_saliva.metaspades.bin.41	novel species	cluster689	cluster689	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18099019_A_saliva.metaspades.bin.28	novel species	cluster690	cluster690	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000063_saliva.spades.bin.11	novel species	cluster690		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZAXPI002653-13_RA_saliva.metaspades.bin.70	novel species	cluster691	cluster691	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187244_A_saliva.metaspades.bin.38	novel species	cluster692		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187899_A_saliva.metaspades.bin.64	novel species	cluster692		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000282_saliva.spades.bin.24	novel species	cluster692	cluster692	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
GCA_900555265.1_UMGS1805	annotated species	cluster693	cluster693	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555265	
SRR8114063.metaspades.bin.48	annotated species	cluster693		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter sp900555265	
RSZYD18187466_A_saliva.metaspades.bin.39	novel species	cluster694	cluster694	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078153_A_saliva.metaspades.bin.25	novel species	cluster695	cluster695	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000581_saliva.spades.bin.8	novel species	cluster695		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000364_saliva.spades.bin.27	novel species	cluster696	cluster696	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078673_A_saliva.metaspades.bin.3	novel species	cluster697	cluster697	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078703_A_saliva.metaspades.bin.8	novel species	cluster697		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187540_A_saliva.metaspades.bin.35	novel species	cluster698	cluster698	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000685_saliva.spades.bin.9	novel species	cluster698		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187542_A_saliva.metaspades.bin.26	novel species	cluster699		Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18187676_A_saliva.metaspades.bin.32	novel species	cluster699	cluster699	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18101881_A_saliva.metaspades.bin.12	novel species	cluster699		Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
YS000915_saliva.spades.bin.1	novel species	cluster700	cluster700	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
SRR8114009.metaspades.bin.3	novel species	cluster701	cluster701	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RSZYD18078773_A_saliva.metaspades.bin.71	novel species	cluster702	cluster702	Patescibacteria	saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		
RDPYD18201627_A_saliva.metaspades.bin.4	novel species	cluster703	cluster703	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter		

Supplementary Table 3a. Comparison of metabolic module completeness of cocultured Saccharibacteira-host bacteria pairs.

Organism	Genome	Strain	M00002	M00005	M00011	M00307	M00001	M00006	M00015	M00022	M00018	M00020	M00432	M00023	M00049	M00050	M00051	M00048	M00120	M00119	M00149	M00153	M00157	M00579	M00144	M00145	M00082	M00083	M00086
host bacteria	GCA_000186685.1_ASM18668v1	A. sp. HMT 178 F0338	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_000466305.1_ASM46630v1	A. sp. HMT 877 F0543	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_001262055.1_ASM126205v1	A. meyeri W712	1	1	1	1	1	1	1	1	1	1	0.5	0.5	1	1	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_005696695.1_ASM569669v1	A. odontolyticus XH001	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_000282935.1_AspICM39v1.0	A. sp. ICM39	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_000185285.1_ASM18528v1	A. sp. HMT180 F0310	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_000163415.1_ASM16341v1	A. odontolyticus F0309	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_000466265.1_ASM46626v1	A. sp. HMT 172 F0311	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_000283035.1_AspICM58v1.0	A. sp. ICM58	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Saccharibacteria	GCA_005697395.1_ASM569739v1	TM7x	1	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0	0	0	0	0	0	0
host bacteria	GCA_005696555.1_ASM569655v1	A. sp. HMT 171 F0337	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Saccharibacteria	GCA_005697565.1_ASM569756v1	BB001	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0	0	0	0	0	0	0
Saccharibacteria	GCA_005697055.1_ASM569705v1	PM004	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
host bacteria	GCA_002999235.1_ASM299923v1	A. sp. HMT 897 F0700	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Saccharibacteria	GCA_018127705.1_ASM1812770v1	PM007	0.5	0	0.5	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0	0	0	0	0	0	0
host bacteria	GCA_005696855.1_ASM569685v1	P. propionicum F0700	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
Saccharibacteria	GCA_005697215.1_ASM569721v1	AC001	1	0	0	0	0.5	0	0	0	0.5	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0.5	0	0
Saccharibacteria	GCA_013100845.1_ASM1310084v1	AC002	1	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_013099195.1_ASM1309919v1	CM001	1	0	0	0	0.5	0	0	0	0.5	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_013099015.1_ASM1309901v1	CM002	1	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_013098855.1_ASM1309885v1	CM003	1	0	0.5	1	0.5	0	0	0.5	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0.5	0	0
Saccharibacteria	GCA_013100825.1_ASM1310082v1	CM006	1	0	0	0	0.5	0	0	0	0.5	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_013098655.1_ASM1309865v1	CM009	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_013098515.1_ASM1309851v1	CM010	1	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_013100805.1_ASM1310080v1	FS03P	1	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0.5	0	0
Saccharibacteria	GCA_010202845.1_ASM1020284v1	FS05P-B	1	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_010202645.1_ASM1020264v1	FS07P	1	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_010202465.1_ASM1020246v1	FS13P	1	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_010202265.1_ASM1020226v1	FS14P	1	0	0.5	1	0.5	0	0	0.5	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_010202115.1_ASM1020211v1	FS15P	1	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
Saccharibacteria	GCA_010201925.1_ASM1020192v1	FS17P	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0.5	0	0
Saccharibacteria	GCA_013394755.1_ASM1339475v1	HB001	1	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0
host bacteria	GCA_009914535.1_ASM991453v1	G. pseudamarae BEN371	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_025268675.1_ASM2526867v1	G. amarae BEN368	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_009914495.1_ASM991449v1	G. amarae BEN374	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	CP045810.1	G. amarae CON44	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_009914515.1_ASM991451v1	G. amarae BEN372	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
host bacteria	GCA_025273675.1_ASM2527367v1	G. pseudamarae CON9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Saccharibacteria	GCA_025273655.1_ASM2527365v1	JR1	0.5	0	0.5	1	0.5	1	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0	1	0	0	0	0.5	0	0	0
host bacteria	GCA_024399335.1_ASM2439933v1	L. aridicollis J1	1	1	1	1	0.5	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1
Saccharibacteria	GCA_025349965.1_ASM2534996v1	TM7i	0.5	0	0.5	1	0.5	0	0	0	0	0	0	0	0.5	0.5	0	0	0.5	0	0	0	1	0	0	0	0	0	0	0

Supplementary Table 3b. KO in different modules of cocultured Saccharibacteira-host bacteria pairs.

Genome	KO	Module	Organism
GCA_001262055.1_ASM126205v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K00927', 'K00850', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_001262055.1_ASM126205v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_001262055.1_ASM126205v1	{'K00948'}	M00005	host bacteria
GCA_001262055.1_ASM126205v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_001262055.1_ASM126205v1	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_001262055.1_ASM126205v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_001262055.1_ASM126205v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_001262055.1_ASM126205v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_001262055.1_ASM126205v1	{'K01626', 'K00014', 'K00800', 'K01736', 'K03785', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_001262055.1_ASM126205v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_001262055.1_ASM126205v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_001262055.1_ASM126205v1	{'K11263', 'K11533'}	M00082	host bacteria
GCA_001262055.1_ASM126205v1	{'K11533'}	M00083	host bacteria
GCA_001262055.1_ASM126205v1	{'K01897'}	M00086	host bacteria
GCA_001262055.1_ASM126205v1	{'K01918'}	M00119	host bacteria
GCA_001262055.1_ASM126205v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_001262055.1_ASM126205v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_001262055.1_ASM126205v1	{'K05576'}	M00145	host bacteria
GCA_001262055.1_ASM126205v1	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_001262055.1_ASM126205v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_001262055.1_ASM126205v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_001262055.1_ASM126205v1	{'K00382', 'K00163'}	M00307	host bacteria
GCA_001262055.1_ASM126205v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_000163415.1_ASM16341v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K00927', 'K00850', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_000163415.1_ASM16341v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_000163415.1_ASM16341v1	{'K00948'}	M00005	host bacteria
GCA_000163415.1_ASM16341v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_000163415.1_ASM16341v1	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_000163415.1_ASM16341v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_000163415.1_ASM16341v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_000163415.1_ASM16341v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_000163415.1_ASM16341v1	{'K01626', 'K00014', 'K00800', 'K01736', 'K03785', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_000163415.1_ASM16341v1	{'K01657', 'K01609', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_000163415.1_ASM16341v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945'}	M00048	host bacteria
GCA_000163415.1_ASM16341v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_000163415.1_ASM16341v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_000163415.1_ASM16341v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_000163415.1_ASM16341v1	{'K11263', 'K11533'}	M00082	host bacteria
GCA_000163415.1_ASM16341v1	{'K11533'}	M00083	host bacteria
GCA_000163415.1_ASM16341v1	{'K01897'}	M00086	host bacteria
GCA_000163415.1_ASM16341v1	{'K01918'}	M00119	host bacteria
GCA_000163415.1_ASM16341v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_000163415.1_ASM16341v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_000163415.1_ASM16341v1	{'K05576'}	M00145	host bacteria
GCA_000163415.1_ASM16341v1	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_000163415.1_ASM16341v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_000163415.1_ASM16341v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_000163415.1_ASM16341v1	{'K00382', 'K00163'}	M00307	host bacteria
GCA_000163415.1_ASM16341v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_000163415.1_ASM16341v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_005696695.1_ASM569669v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K00927', 'K00850', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_005696695.1_ASM569669v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria

GCA_005696695.1_ASM569669v1	{'K00948'}	M00005	host bacteria
GCA_005696695.1_ASM569669v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_005696695.1_ASM569669v1	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_005696695.1_ASM569669v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_005696695.1_ASM569669v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_005696695.1_ASM569669v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_005696695.1_ASM569669v1	{'K01626', 'K00014', 'K00800', 'K01736', 'K03785', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_005696695.1_ASM569669v1	{'K01657', 'K01609', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_005696695.1_ASM569669v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945'}	M00048	host bacteria
GCA_005696695.1_ASM569669v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_005696695.1_ASM569669v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_005696695.1_ASM569669v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_005696695.1_ASM569669v1	{'K11263', 'K11533'}	M00082	host bacteria
GCA_005696695.1_ASM569669v1	{'K11533'}	M00083	host bacteria
GCA_005696695.1_ASM569669v1	{'K01897'}	M00086	host bacteria
GCA_005696695.1_ASM569669v1	{'K01918'}	M00119	host bacteria
GCA_005696695.1_ASM569669v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_005696695.1_ASM569669v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_005696695.1_ASM569669v1	{'K05576'}	M00145	host bacteria
GCA_005696695.1_ASM569669v1	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_005696695.1_ASM569669v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_005696695.1_ASM569669v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_005696695.1_ASM569669v1	{'K00382', 'K00163'}	M00307	host bacteria
GCA_005696695.1_ASM569669v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_005696695.1_ASM569669v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_005696555.1_ASM569655v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K16370', 'K00927', 'K00850', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_005696555.1_ASM569655v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_005696555.1_ASM569655v1	{'K00948'}	M00005	host bacteria
GCA_005696555.1_ASM569655v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_005696555.1_ASM569655v1	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_005696555.1_ASM569655v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_005696555.1_ASM569655v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_005696555.1_ASM569655v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_005696555.1_ASM569655v1	{'K01626', 'K00014', 'K00800', 'K03785', 'K01736', 'K13829', 'K01735'}	M00022	host bacteria
GCA_005696555.1_ASM569655v1	{'K01657', 'K01609', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_005696555.1_ASM569655v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945'}	M00048	host bacteria
GCA_005696555.1_ASM569655v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_005696555.1_ASM569655v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_005696555.1_ASM569655v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_005696555.1_ASM569655v1	{'K11263', 'K11533'}	M00082	host bacteria
GCA_005696555.1_ASM569655v1	{'K00059', 'K09458', 'K11533'}	M00083	host bacteria
GCA_005696555.1_ASM569655v1	{'K01897'}	M00086	host bacteria
GCA_005696555.1_ASM569655v1	{'K01918'}	M00119	host bacteria
GCA_005696555.1_ASM569655v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_005696555.1_ASM569655v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_005696555.1_ASM569655v1	{'K05576'}	M00145	host bacteria
GCA_005696555.1_ASM569655v1	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_005696555.1_ASM569655v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_005696555.1_ASM569655v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_005696555.1_ASM569655v1	{'K00382', 'K00163'}	M00307	host bacteria
GCA_005696555.1_ASM569655v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_005696555.1_ASM569655v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_000466265.1_ASM46626v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K00927', 'K00850', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_000466265.1_ASM46626v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_000466265.1_ASM46626v1	{'K00948'}	M00005	host bacteria
GCA_000466265.1_ASM46626v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_000466265.1_ASM46626v1	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_000466265.1_ASM46626v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_000466265.1_ASM46626v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_000466265.1_ASM46626v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_000466265.1_ASM46626v1	{'K01626', 'K00014', 'K00800', 'K01736', 'K03785', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_000466265.1_ASM46626v1	{'K01657', 'K01609', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria

GCA_000466265.1_ASM46626v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945'}	M00048	host bacteria
GCA_000466265.1_ASM46626v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_000466265.1_ASM46626v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_000466265.1_ASM46626v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_000466265.1_ASM46626v1	{'K11263', 'K11533'}	M00082	host bacteria
GCA_000466265.1_ASM46626v1	{'K11533'}	M00083	host bacteria
GCA_000466265.1_ASM46626v1	{'K01897'}	M00086	host bacteria
GCA_000466265.1_ASM46626v1	{'K01918'}	M00119	host bacteria
GCA_000466265.1_ASM46626v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_000466265.1_ASM46626v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_000466265.1_ASM46626v1	{'K05576'}	M00145	host bacteria
GCA_000466265.1_ASM46626v1	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_000466265.1_ASM46626v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_000466265.1_ASM46626v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_000466265.1_ASM46626v1	{'K00382', 'K00163'}	M00307	host bacteria
GCA_000466265.1_ASM46626v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_000466265.1_ASM46626v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_000186685.1_ASM18668v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K00927', 'K00850', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_000186685.1_ASM18668v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_000186685.1_ASM18668v1	{'K00948'}	M00005	host bacteria
GCA_000186685.1_ASM18668v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_000186685.1_ASM18668v1	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_000186685.1_ASM18668v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_000186685.1_ASM18668v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_000186685.1_ASM18668v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_000186685.1_ASM18668v1	{'K01626', 'K00014', 'K00800', 'K03785', 'K01736', 'K13829', 'K01735'}	M00022	host bacteria
GCA_000186685.1_ASM18668v1	{'K01657', 'K01609', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_000186685.1_ASM18668v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945'}	M00048	host bacteria
GCA_000186685.1_ASM18668v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_000186685.1_ASM18668v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_000186685.1_ASM18668v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_000186685.1_ASM18668v1	{'K11263', 'K11533'}	M00082	host bacteria
GCA_000186685.1_ASM18668v1	{'K11533'}	M00083	host bacteria
GCA_000186685.1_ASM18668v1	{'K01897'}	M00086	host bacteria
GCA_000186685.1_ASM18668v1	{'K01918'}	M00119	host bacteria
GCA_000186685.1_ASM18668v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_000186685.1_ASM18668v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_000186685.1_ASM18668v1	{'K05576'}	M00145	host bacteria
GCA_000186685.1_ASM18668v1	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_000186685.1_ASM18668v1	{'K00425'}	M00153	host bacteria
GCA_000186685.1_ASM18668v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_000186685.1_ASM18668v1	{'K00382', 'K00163'}	M00307	host bacteria
GCA_000186685.1_ASM18668v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_000186685.1_ASM18668v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_000466305.1_ASM46630v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K00927', 'K00850', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_000466305.1_ASM46630v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_000466305.1_ASM46630v1	{'K00948'}	M00005	host bacteria
GCA_000466305.1_ASM46630v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_000466305.1_ASM46630v1	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_000466305.1_ASM46630v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_000466305.1_ASM46630v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_000466305.1_ASM46630v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_000466305.1_ASM46630v1	{'K01626', 'K00014', 'K00800', 'K03785', 'K01736', 'K13829', 'K01735'}	M00022	host bacteria
GCA_000466305.1_ASM46630v1	{'K01657', 'K01696', 'K01817', 'K01658', 'K01609', 'K01695'}	M00023	host bacteria
GCA_000466305.1_ASM46630v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945'}	M00048	host bacteria
GCA_000466305.1_ASM46630v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_000466305.1_ASM46630v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_000466305.1_ASM46630v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_000466305.1_ASM46630v1	{'K11263', 'K11533'}	M00082	host bacteria
GCA_000466305.1_ASM46630v1	{'K11533'}	M00083	host bacteria
GCA_000466305.1_ASM46630v1	{'K01897'}	M00086	host bacteria
GCA_000466305.1_ASM46630v1	{'K01918'}	M00119	host bacteria

GCA_000466305.1_ASM46630v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_000466305.1_ASM46630v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_000466305.1_ASM46630v1	{'K05576'}	M00145	host bacteria
GCA_000466305.1_ASM46630v1	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_000466305.1_ASM46630v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_000466305.1_ASM46630v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_000466305.1_ASM46630v1	{'K00382', 'K00163'}	M00307	host bacteria
GCA_000466305.1_ASM46630v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_000466305.1_ASM46630v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_002999235.1_ASM299923v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K16370', 'K15634', 'K00927', 'K00850', 'K01623', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_002999235.1_ASM299923v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K15634', 'K00927', 'K01689'}	M00002	host bacteria
GCA_002999235.1_ASM299923v1	{'K00948'}	M00005	host bacteria
GCA_002999235.1_ASM299923v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_002999235.1_ASM299923v1	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_002999235.1_ASM299923v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_002999235.1_ASM299923v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_002999235.1_ASM299923v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_002999235.1_ASM299923v1	{'K01626', 'K00014', 'K00800', 'K03785', 'K01736', 'K13829', 'K01735'}	M00022	host bacteria
GCA_002999235.1_ASM299923v1	{'K01657', 'K01696', 'K00766', 'K01817', 'K01609', 'K01695'}	M00023	host bacteria
GCA_002999235.1_ASM299923v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945'}	M00048	host bacteria
GCA_002999235.1_ASM299923v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_002999235.1_ASM299923v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_002999235.1_ASM299923v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_002999235.1_ASM299923v1	{'K11263', 'K11533'}	M00082	host bacteria
GCA_002999235.1_ASM299923v1	{'K09458', 'K11533'}	M00083	host bacteria
GCA_002999235.1_ASM299923v1	{'K01897'}	M00086	host bacteria
GCA_002999235.1_ASM299923v1	{'K01918'}	M00119	host bacteria
GCA_002999235.1_ASM299923v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_002999235.1_ASM299923v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_002999235.1_ASM299923v1	{'K05576'}	M00145	host bacteria
GCA_002999235.1_ASM299923v1	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_002999235.1_ASM299923v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_002999235.1_ASM299923v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_002999235.1_ASM299923v1	{'K00382', 'K00163'}	M00307	host bacteria
GCA_002999235.1_ASM299923v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_002999235.1_ASM299923v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_000185285.1_ASM18528v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K00927', 'K00850', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_000185285.1_ASM18528v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_000185285.1_ASM18528v1	{'K00948'}	M00005	host bacteria
GCA_000185285.1_ASM18528v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_000185285.1_ASM18528v1	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_000185285.1_ASM18528v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_000185285.1_ASM18528v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_000185285.1_ASM18528v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_000185285.1_ASM18528v1	{'K01626', 'K00014', 'K00800', 'K01736', 'K03785', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_000185285.1_ASM18528v1	{'K01657', 'K01609', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_000185285.1_ASM18528v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945'}	M00048	host bacteria
GCA_000185285.1_ASM18528v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_000185285.1_ASM18528v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_000185285.1_ASM18528v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_000185285.1_ASM18528v1	{'K11263', 'K11533'}	M00082	host bacteria
GCA_000185285.1_ASM18528v1	{'K11533'}	M00083	host bacteria
GCA_000185285.1_ASM18528v1	{'K01897'}	M00086	host bacteria
GCA_000185285.1_ASM18528v1	{'K01918'}	M00119	host bacteria
GCA_000185285.1_ASM18528v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_000185285.1_ASM18528v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_000185285.1_ASM18528v1	{'K05576'}	M00145	host bacteria
GCA_000185285.1_ASM18528v1	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_000185285.1_ASM18528v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_000185285.1_ASM18528v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_000185285.1_ASM18528v1	{'K00382', 'K00163'}	M00307	host bacteria
GCA_000185285.1_ASM18528v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria

GCA_000185285.1_ASM18528v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K01803', 'K00845', 'K00134', 'K01834', 'K00927', 'K00850', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00948'}	M00005	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K01626', 'K00014', 'K00800', 'K01736', 'K03785', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K01657', 'K01609', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945'}	M00048	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K11263', 'K11533'}	M00082	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K11533'}	M00083	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K01897'}	M00086	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K01918'}	M00119	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K05576'}	M00145	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00425', 'K00426'}	M00153	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00382', 'K00163'}	M00307	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_000282935.1_AsplCM39v1.0	{'K00925', 'K13788'}	M00579	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K01803', 'K00845', 'K00134', 'K01834', 'K00927', 'K00850', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00948'}	M00005	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K01679', 'K01903', 'K00164', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00239', 'K00658'}	M00011	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K01626', 'K00014', 'K00800', 'K01736', 'K03785', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K01657', 'K01609', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945'}	M00048	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K11263', 'K11533'}	M00082	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K11533'}	M00083	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K01897'}	M00086	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K01918'}	M00119	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K05576'}	M00145	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00425', 'K00426'}	M00153	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00382', 'K00163'}	M00307	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_000283035.1_AsplCM58v1.0	{'K00925', 'K13788'}	M00579	host bacteria
GCA_025268675.1_ASM2526867v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K16370', 'K00927', 'K15916', 'K11645', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_025268675.1_ASM2526867v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00948'}	M00005	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_025268675.1_ASM2526867v1	{'K01679', 'K01676', 'K00116', 'K01903', 'K00239', 'K00242', 'K00382', 'K01678', 'K01902', 'K00240', 'K00241', 'K00024', 'K18118', 'K00164', 'K00658'}	M00011	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria

GCA_025268675.1_ASM2526867v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_025268675.1_ASM2526867v1	{'K01626', 'K00800', 'K03786', 'K01736', 'K00014', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_025268675.1_ASM2526867v1	{'K01657', 'K01609', 'K06001', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_025268675.1_ASM2526867v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945', 'K11175'}	M00048	host bacteria
GCA_025268675.1_ASM2526867v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_025268675.1_ASM2526867v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_025268675.1_ASM2526867v1	{'K11263', 'K00645', 'K18472', 'K11533', 'K00648', 'K02160'}	M00082	host bacteria
GCA_025268675.1_ASM2526867v1	{'K11533', 'K09458', 'K00059', 'K00208', 'K02371'}	M00083	host bacteria
GCA_025268675.1_ASM2526867v1	{'K01897'}	M00086	host bacteria
GCA_025268675.1_ASM2526867v1	{'K01918'}	M00119	host bacteria
GCA_025268675.1_ASM2526867v1	{'K13038', 'K00954', 'K03525', 'K00859', 'K00867'}	M00120	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_025268675.1_ASM2526867v1	{'K05576'}	M00145	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00241', 'K00242', 'K00240', 'K00239'}	M00149	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_025268675.1_ASM2526867v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00161', 'K00627', 'K00162', 'K00382', 'K00163'}	M00307	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_025268675.1_ASM2526867v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_009914515.1_ASM991451v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K16370', 'K00927', 'K15916', 'K11645', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_009914515.1_ASM991451v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_009914515.1_ASM991451v1	{'K00948'}	M00005	host bacteria
GCA_009914515.1_ASM991451v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_009914515.1_ASM991451v1	{'K01679', 'K01676', 'K00116', 'K01903', 'K00239', 'K00242', 'K00382', 'K01678', 'K01902', 'K00240', 'K00241', 'K00024', 'K18118', 'K00164', 'K00658'}	M00011	host bacteria
GCA_009914515.1_ASM991451v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_009914515.1_ASM991451v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_009914515.1_ASM991451v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_009914515.1_ASM991451v1	{'K01626', 'K00800', 'K03786', 'K01736', 'K00014', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_009914515.1_ASM991451v1	{'K01657', 'K01609', 'K06001', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_009914515.1_ASM991451v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945', 'K11175'}	M00048	host bacteria
GCA_009914515.1_ASM991451v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_009914515.1_ASM991451v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_009914515.1_ASM991451v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_009914515.1_ASM991451v1	{'K11263', 'K00645', 'K18472', 'K11533', 'K00648', 'K02160'}	M00082	host bacteria
GCA_009914515.1_ASM991451v1	{'K11533', 'K09458', 'K00059', 'K00208', 'K02371'}	M00083	host bacteria
GCA_009914515.1_ASM991451v1	{'K01897'}	M00086	host bacteria
GCA_009914515.1_ASM991451v1	{'K01918'}	M00119	host bacteria
GCA_009914515.1_ASM991451v1	{'K13038', 'K00954', 'K03525', 'K00859', 'K00867'}	M00120	host bacteria
GCA_009914515.1_ASM991451v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_009914515.1_ASM991451v1	{'K05576'}	M00145	host bacteria
GCA_009914515.1_ASM991451v1	{'K00241', 'K00242', 'K00240', 'K00239'}	M00149	host bacteria
GCA_009914515.1_ASM991451v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_009914515.1_ASM991451v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_009914515.1_ASM991451v1	{'K00161', 'K00627', 'K00162', 'K00382', 'K00163'}	M00307	host bacteria
GCA_009914515.1_ASM991451v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_009914515.1_ASM991451v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_009914495.1_ASM991449v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K16370', 'K00927', 'K15916', 'K11645', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_009914495.1_ASM991449v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_009914495.1_ASM991449v1	{'K00948'}	M00005	host bacteria
GCA_009914495.1_ASM991449v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_009914495.1_ASM991449v1	{'K01679', 'K01676', 'K00116', 'K01903', 'K00239', 'K00242', 'K00382', 'K01678', 'K01902', 'K00240', 'K00241', 'K00024', 'K18118', 'K00164', 'K00658'}	M00011	host bacteria
GCA_009914495.1_ASM991449v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_009914495.1_ASM991449v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_009914495.1_ASM991449v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_009914495.1_ASM991449v1	{'K01626', 'K00800', 'K03786', 'K01736', 'K00014', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_009914495.1_ASM991449v1	{'K01657', 'K01609', 'K06001', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_009914495.1_ASM991449v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945', 'K11175'}	M00048	host bacteria
GCA_009914495.1_ASM991449v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_009914495.1_ASM991449v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_009914495.1_ASM991449v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_009914495.1_ASM991449v1	{'K11263', 'K00645', 'K18472', 'K11533', 'K00648', 'K02160'}	M00082	host bacteria

GCA_009914495.1_ASM991449v1	{'K11533', 'K09458', 'K00059', 'K00208', 'K02371'}	M00083	host bacteria
GCA_009914495.1_ASM991449v1	{'K01897'}	M00086	host bacteria
GCA_009914495.1_ASM991449v1	{'K01918'}	M00119	host bacteria
GCA_009914495.1_ASM991449v1	{'K13038', 'K00954', 'K03525', 'K00859', 'K00867'}	M00120	host bacteria
GCA_009914495.1_ASM991449v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_009914495.1_ASM991449v1	{'K05576'}	M00145	host bacteria
GCA_009914495.1_ASM991449v1	{'K00241', 'K00242', 'K00240', 'K00239'}	M00149	host bacteria
GCA_009914495.1_ASM991449v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_009914495.1_ASM991449v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_009914495.1_ASM991449v1	{'K00161', 'K00627', 'K00162', 'K00382', 'K00163'}	M00307	host bacteria
GCA_009914495.1_ASM991449v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_009914495.1_ASM991449v1	{'K00925', 'K13788'}	M00579	host bacteria
CP045810.1	{'K01803', 'K00845', 'K00134', 'K01834', 'K16370', 'K00927', 'K15916', 'K11645', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
CP045810.1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
CP045810.1	{'K00948'}	M00005	host bacteria
CP045810.1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
CP045810.1	{'K01679', 'K01676', 'K00116', 'K01903', 'K00239', 'K00242', 'K00382', 'K01678', 'K01902', 'K00240', 'K00241', 'K00024', 'K18118', 'K00164', 'K00658'}	M00011	host bacteria
CP045810.1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
CP045810.1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
CP045810.1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
CP045810.1	{'K01626', 'K00800', 'K03786', 'K01736', 'K00014', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
CP045810.1	{'K01657', 'K01609', 'K06001', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
CP045810.1	{'K01588', 'K00602', 'K00764', 'K01923', 'K08289', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945', 'K11175'}	M00048	host bacteria
CP045810.1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
CP045810.1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
CP045810.1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
CP045810.1	{'K11263', 'K00645', 'K18472', 'K11533', 'K00648', 'K02160'}	M00082	host bacteria
CP045810.1	{'K11533', 'K09458', 'K00059', 'K00208', 'K02371'}	M00083	host bacteria
CP045810.1	{'K01897'}	M00086	host bacteria
CP045810.1	{'K01918'}	M00119	host bacteria
CP045810.1	{'K13038', 'K00954', 'K03525', 'K00859', 'K00867'}	M00120	host bacteria
CP045810.1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
CP045810.1	{'K05576'}	M00145	host bacteria
CP045810.1	{'K00241', 'K00242', 'K00240', 'K00239'}	M00149	host bacteria
CP045810.1	{'K00425', 'K00426'}	M00153	host bacteria
CP045810.1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
CP045810.1	{'K00161', 'K00627', 'K00162', 'K00382', 'K00163'}	M00307	host bacteria
CP045810.1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
CP045810.1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_009914535.1_ASM991453v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K16370', 'K00927', 'K15916', 'K11645', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_009914535.1_ASM991453v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_009914535.1_ASM991453v1	{'K00948'}	M00005	host bacteria
GCA_009914535.1_ASM991453v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_009914535.1_ASM991453v1	{'K01679', 'K01676', 'K00116', 'K01903', 'K00239', 'K00242', 'K00382', 'K01678', 'K01902', 'K00240', 'K00241', 'K00024', 'K18118', 'K00164', 'K00658'}	M00011	host bacteria
GCA_009914535.1_ASM991453v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_009914535.1_ASM991453v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_009914535.1_ASM991453v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_009914535.1_ASM991453v1	{'K01626', 'K00800', 'K03786', 'K01736', 'K00014', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_009914535.1_ASM991453v1	{'K01657', 'K01609', 'K06001', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_009914535.1_ASM991453v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945', 'K11175'}	M00048	host bacteria
GCA_009914535.1_ASM991453v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_009914535.1_ASM991453v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_009914535.1_ASM991453v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_009914535.1_ASM991453v1	{'K11263', 'K00645', 'K18472', 'K11533', 'K00648', 'K02160'}	M00082	host bacteria
GCA_009914535.1_ASM991453v1	{'K11533', 'K09458', 'K00059', 'K00208', 'K02371'}	M00083	host bacteria
GCA_009914535.1_ASM991453v1	{'K01897'}	M00086	host bacteria
GCA_009914535.1_ASM991453v1	{'K01918'}	M00119	host bacteria
GCA_009914535.1_ASM991453v1	{'K13038', 'K00954', 'K03525', 'K00859', 'K00867'}	M00120	host bacteria
GCA_009914535.1_ASM991453v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_009914535.1_ASM991453v1	{'K05576'}	M00145	host bacteria
GCA_009914535.1_ASM991453v1	{'K00241', 'K00242', 'K00240', 'K00239'}	M00149	host bacteria
GCA_009914535.1_ASM991453v1	{'K00425', 'K00426'}	M00153	host bacteria

GCA_009914535.1_ASM991453v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_009914535.1_ASM991453v1	{'K00161', 'K00382', 'K00627', 'K00163'}	M00307	host bacteria
GCA_009914535.1_ASM991453v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_009914535.1_ASM991453v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_025273675.1_ASM2527367v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K16370', 'K00927', 'K15916', 'K11645', 'K01689', 'K01810', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_025273675.1_ASM2527367v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00948'}	M00005	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_025273675.1_ASM2527367v1	{'K01679', 'K01676', 'K00116', 'K01903', 'K00239', 'K00242', 'K00382', 'K01678', 'K01902', 'K00240', 'K00241', 'K00024', 'K18118', 'K00164', 'K00658'}	M00011	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_025273675.1_ASM2527367v1	{'K01626', 'K00800', 'K03786', 'K01736', 'K00014', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_025273675.1_ASM2527367v1	{'K01657', 'K01609', 'K06001', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_025273675.1_ASM2527367v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945', 'K11175'}	M00048	host bacteria
GCA_025273675.1_ASM2527367v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_025273675.1_ASM2527367v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_025273675.1_ASM2527367v1	{'K11263', 'K00645', 'K18472', 'K11533', 'K00648', 'K02160'}	M00082	host bacteria
GCA_025273675.1_ASM2527367v1	{'K11533', 'K09458', 'K00059', 'K00208', 'K02371'}	M00083	host bacteria
GCA_025273675.1_ASM2527367v1	{'K01897'}	M00086	host bacteria
GCA_025273675.1_ASM2527367v1	{'K01918'}	M00119	host bacteria
GCA_025273675.1_ASM2527367v1	{'K13038', 'K00954', 'K03525', 'K00859', 'K00867'}	M00120	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_025273675.1_ASM2527367v1	{'K05576'}	M00145	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00241', 'K00242', 'K00240', 'K00239'}	M00149	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_025273675.1_ASM2527367v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00161', 'K00382', 'K00627', 'K00163'}	M00307	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_025273675.1_ASM2527367v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_024399335.1_ASM2439933v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K00927', 'K11645', 'K01689', 'K01810', 'K00873', 'K01624'}	M00001	host bacteria
GCA_024399335.1_ASM2439933v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00948'}	M00005	host bacteria
GCA_024399335.1_ASM2439933v1	{'K01679', 'K00116', 'K01903', 'K00239', 'K00242', 'K00382', 'K01902', 'K00240', 'K00241', 'K00024', 'K00164', 'K00658'}	M00011	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria
GCA_024399335.1_ASM2439933v1	{'K01626', 'K00800', 'K03786', 'K01736', 'K00014', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_024399335.1_ASM2439933v1	{'K01657', 'K01609', 'K06001', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_024399335.1_ASM2439933v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945', 'K11175'}	M00048	host bacteria
GCA_024399335.1_ASM2439933v1	{'K01939', 'K00873', 'K00940', 'K01756', 'K00939'}	M00049	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00873', 'K00940', 'K00942', 'K01951', 'K00088'}	M00050	host bacteria
GCA_024399335.1_ASM2439933v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_024399335.1_ASM2439933v1	{'K11263', 'K00645', 'K00648'}	M00082	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00059', 'K09458'}	M00083	host bacteria
GCA_024399335.1_ASM2439933v1	{'K01897'}	M00086	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00241', 'K00242', 'K00240', 'K00239'}	M00149	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_024399335.1_ASM2439933v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00161', 'K00627', 'K00162', 'K00382', 'K00163'}	M00307	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_024399335.1_ASM2439933v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_005696855.1_ASM569685v1	{'K01803', 'K00845', 'K00134', 'K01834', 'K16370', 'K00927', 'K15916', 'K00850', 'K01623', 'K01689', 'K00873', 'K01624', 'K00886'}	M00001	host bacteria
GCA_005696855.1_ASM569685v1	{'K01803', 'K00873', 'K00134', 'K01834', 'K00927', 'K01689'}	M00002	host bacteria
GCA_005696855.1_ASM569685v1	{'K00948'}	M00005	host bacteria
GCA_005696855.1_ASM569685v1	{'K00036', 'K01057', 'K00033'}	M00006	host bacteria
GCA_005696855.1_ASM569685v1	{'K01679', 'K00239', 'K00175', 'K00382', 'K00240', 'K00241', 'K00174', 'K00024', 'K18118', 'K00164', 'K00658'}	M00011	host bacteria
GCA_005696855.1_ASM569685v1	{'K00286', 'K00931', 'K00147'}	M00015	host bacteria
GCA_005696855.1_ASM569685v1	{'K00003', 'K12524', 'K00928', 'K00872', 'K01733', 'K00133'}	M00018	host bacteria
GCA_005696855.1_ASM569685v1	{'K00831', 'K00058', 'K01079'}	M00020	host bacteria

GCA_005696855.1_ASM569685v1	{'K01626', 'K00014', 'K00800', 'K01736', 'K03785', 'K00891', 'K13829', 'K01735'}	M00022	host bacteria
GCA_005696855.1_ASM569685v1	{'K01657', 'K01609', 'K06001', 'K01696', 'K00766', 'K01817', 'K01658', 'K01695'}	M00023	host bacteria
GCA_005696855.1_ASM569685v1	{'K01588', 'K00602', 'K00764', 'K01923', 'K01589', 'K01952', 'K11788', 'K01756', 'K01933', 'K01945', 'K11175'}	M00048	host bacteria
GCA_005696855.1_ASM569685v1	{'K01939', 'K00873', 'K00939', 'K01756'}	M00049	host bacteria
GCA_005696855.1_ASM569685v1	{'K01951', 'K00088', 'K00873', 'K00942'}	M00050	host bacteria
GCA_005696855.1_ASM569685v1	{'K01465', 'K01955', 'K00226', 'K01956', 'K00254', 'K01591', 'K00762', 'K00609'}	M00051	host bacteria
GCA_005696855.1_ASM569685v1	{'K11263', 'K00645', 'K00648'}	M00082	host bacteria
GCA_005696855.1_ASM569685v1	{'K00059', 'K09458', 'K00208'}	M00083	host bacteria
GCA_005696855.1_ASM569685v1	{'K01897'}	M00086	host bacteria
GCA_005696855.1_ASM569685v1	{'K00954', 'K00859', 'K13038', 'K00867'}	M00120	host bacteria
GCA_005696855.1_ASM569685v1	{'K00330', 'K00333', 'K00342', 'K00340', 'K00335', 'K00341', 'K00336', 'K00338', 'K00331', 'K00332', 'K00339', 'K00334', 'K00343', 'K00337'}	M00144	host bacteria
GCA_005696855.1_ASM569685v1	{'K05576'}	M00145	host bacteria
GCA_005696855.1_ASM569685v1	{'K00241', 'K00240', 'K00239'}	M00149	host bacteria
GCA_005696855.1_ASM569685v1	{'K00425', 'K00426'}	M00153	host bacteria
GCA_005696855.1_ASM569685v1	{'K02113', 'K02109', 'K02114', 'K02111', 'K02112', 'K02110', 'K02108', 'K02115'}	M00157	host bacteria
GCA_005696855.1_ASM569685v1	{'K03737', 'K00161', 'K00169', 'K00627', 'K00162', 'K00382', 'K00163'}	M00307	host bacteria
GCA_005696855.1_ASM569685v1	{'K00052', 'K01649', 'K01703', 'K01704'}	M00432	host bacteria
GCA_005696855.1_ASM569685v1	{'K00925', 'K13788'}	M00579	host bacteria
GCA_010202265.1_ASM1020226v1	{'K15916', 'K01624', 'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00001	Saccharibacteria
GCA_010202265.1_ASM1020226v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_010202265.1_ASM1020226v1	{'K00873', 'K00939', 'K01939', 'K00940'}	M00049	Saccharibacteria
GCA_010202265.1_ASM1020226v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_010202265.1_ASM1020226v1	{'K00627'}	M00307	Saccharibacteria
GCA_005697055.1_ASM569705v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_005697055.1_ASM569705v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_005697055.1_ASM569705v1	{'K00873', 'K00939', 'K01939', 'K00940'}	M00049	Saccharibacteria
GCA_005697055.1_ASM569705v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_005697055.1_ASM569705v1	{'K00627', 'K00382'}	M00307	Saccharibacteria
GCA_013394755.1_ASM1339475v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_013394755.1_ASM1339475v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_013394755.1_ASM1339475v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_010202465.1_ASM1020246v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_010202465.1_ASM1020246v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_010202465.1_ASM1020246v1	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157	Saccharibacteria
GCA_013100845.1_ASM1310084v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_013100845.1_ASM1310084v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_013100845.1_ASM1310084v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_010202845.1_ASM1020284v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_010202845.1_ASM1020284v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_010202845.1_ASM1020284v1	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157	Saccharibacteria
GCA_005697565.1_ASM569756v1	{'K15916', 'K01624', 'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00001	Saccharibacteria
GCA_005697565.1_ASM569756v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_005697565.1_ASM569756v1	{'K01951', 'K00873', 'K00942', 'K00940'}	M00050	Saccharibacteria
GCA_005697565.1_ASM569756v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_005697565.1_ASM569756v1	{'K00382'}	M00307	Saccharibacteria
GCA_010202645.1_ASM1020264v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_010202645.1_ASM1020264v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_010202645.1_ASM1020264v1	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157	Saccharibacteria
GCA_005697395.1_ASM569739v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_005697395.1_ASM569739v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_005697395.1_ASM569739v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_013098855.1_ASM1309885v1	{'K15916', 'K01624', 'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00001	Saccharibacteria
GCA_013098855.1_ASM1309885v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_013098855.1_ASM1309885v1	{'K00873', 'K00939', 'K01939', 'K00940'}	M00049	Saccharibacteria
GCA_013098855.1_ASM1309885v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_013098855.1_ASM1309885v1	{'K00627'}	M00307	Saccharibacteria
GCA_013099015.1_ASM1309901v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_013099015.1_ASM1309901v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_013099015.1_ASM1309901v1	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157	Saccharibacteria
GCA_025349965.1_ASM2534996v1	{'K01624', 'K00134', 'K00845', 'K00927', 'K01803', 'K15916', 'K00873'}	M00001	Saccharibacteria
GCA_025349965.1_ASM2534996v1	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_025349965.1_ASM2534996v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria

GCA_025349965.1_ASM2534996v1	{'K00627', 'K00382'}	M00307	Saccharibacteria
GCA_013099195.1_ASM1309919v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_013099195.1_ASM1309919v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_013099195.1_ASM1309919v1	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157	Saccharibacteria
GCA_013098515.1_ASM1309851v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_013098515.1_ASM1309851v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_013098515.1_ASM1309851v1	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157	Saccharibacteria
GCA_018127705.1_ASM1812770v1	{'K15916', 'K01624', 'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00001	Saccharibacteria
GCA_018127705.1_ASM1812770v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_018127705.1_ASM1812770v1	{'K01951', 'K00873', 'K00942', 'K00940'}	M00050	Saccharibacteria
GCA_018127705.1_ASM1812770v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_010201925.1_ASM1020192v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_010201925.1_ASM1020192v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_010201925.1_ASM1020192v1	{'K00873', 'K00939', 'K01939', 'K00940'}	M00049	Saccharibacteria
GCA_010201925.1_ASM1020192v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_010201925.1_ASM1020192v1	{'K00627'}	M00307	Saccharibacteria
GCA_010202115.1_ASM1020211v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_010202115.1_ASM1020211v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_010202115.1_ASM1020211v1	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157	Saccharibacteria
GCA_013100805.1_ASM1310080v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_013100805.1_ASM1310080v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_013100805.1_ASM1310080v1	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157	Saccharibacteria
GCA_005697215.1_ASM569721v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_005697215.1_ASM569721v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_005697215.1_ASM569721v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_013100825.1_ASM1310082v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_013100825.1_ASM1310082v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_013100825.1_ASM1310082v1	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157	Saccharibacteria
GCA_013098655.1_ASM1309865v1	{'K01834', 'K01689', 'K01803', 'K00134', 'K15916', 'K01624', 'K00927', 'K00845', 'K00873'}	M00001	Saccharibacteria
GCA_013098655.1_ASM1309865v1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_013098655.1_ASM1309865v1	{'K00873', 'K00939', 'K01939', 'K00940'}	M00049	Saccharibacteria
GCA_013098655.1_ASM1309865v1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157	Saccharibacteria
GCA_013098655.1_ASM1309865v1	{'K00627', 'K00382'}	M00307	Saccharibacteria
GCA_025273655.1_ASM2527365v1	{'K01624', 'K00134', 'K00845', 'K00927', 'K01623', 'K01803', 'K15916', 'K00873'}	M00001	Saccharibacteria
GCA_025273655.1_ASM2527365v1	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002	Saccharibacteria
GCA_025273655.1_ASM2527365v1	{'K00033', 'K01057', 'K00036'}	M00006	Saccharibacteria
GCA_025273655.1_ASM2527365v1	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157	Saccharibacteria
GCA_025273655.1_ASM2527365v1	{'K00382'}	M00307	Saccharibacteria

Supplementary Table 3c. Metabolic module completeness of Saccharibacteria.

Genome	M00002	M00086	M00157	M00417	M00579
GCA_003133385.1_20120500_P26	0.8	0	1	1	0.5
GCA_017991755.1_ASM1799175v1	0.8	0	1	0	0.5
GCA_025451045.1_ASM2545104v1	0.6	0	1	1	0.5
GCA_016699935.1_ASM1669993v1	1	1	1	1	0
GCA_946478995.1_SRR15094062_bin.6_metawrap_v1.3.0_MAG	1	0	1	1	0
GCA_016789655.1_ASM1678965v1	1	0	1	1	0
GCA_013289705.1_ASM1328970v1	0.8	0	1	1	0
GCA_016219345.1_ASM1621934v1	0.6	0	1	1	0
GCA_027356525.1_ASM2735652v1	0.8	0	1	1	0
GCA_002952755.1_ASM295275v1	1	0	1	1	0.5
GCA_016700375.1_ASM1670037v1	0.8	0	1	1	0
GCA_002792275.1_ASM279227v1	0.4	0	1	1	0.5
GCA_027315225.1_ASM2731522v1	0.8	0	1	1	0
GCA_016187125.1_ASM1618712v1	0.6	0	1	0	0
GCA_025928155.1_ASM2592815v1	0.8	0	1	1	0.5
GCA_016699955.1_ASM1669995v1	0.8	0	1	1	0
GCA_022841445.1_ASM2284144v1	0.6	0	1	0	0
GCA_002746885.1_ASM274688v1	0.8	0	1	0	0
GCA_001790525.1_ASM179052v1	0.8	0	1	0	0
GCA_020428005.1_ASM2042800v1	0.6	0	1	1	0
GCA_003962975.1_ASM396297v1	0.8	0	1	0	0
GCA_003153395.1_20120700_P3D	0.6	0	1	1	0.5
GCA_001003725.1_ASM100372v1	0.6	0	1	1	0
GCA_016700315.1_ASM1670031v1	1	0	1	1	0
GCA_002427805.1_ASM242780v1	0.8	0	1	1	0
GCA_016700395.1_ASM1670039v1	0.6	0	1	0	0.5
GCA_018001155.1_ASM1800115v1	0.8	0	1	0	0.5
GCA_027366415.1_ASM2736641v1	0.6	1	1	1	0
GCA_018060465.1_ASM1806046v1	0.8	0	1	0	0
GCA_027314885.1_ASM2731488v1	0.6	0	1	1	0
GCA_004294965.1_ASM429496v1	0.8	0	1	1	0.5
GCA_001790515.1_ASM179051v1	0.6	0	1	1	0.5
GCA_002404255.1_ASM240425v1	1	0	1	1	0
GCA_016699065.1_ASM1669906v1	0.6	0	1	0	0.5
GCA_003523165.1_ASM352316v1	0.6	0	1	1	0
GCA_000392435.1_ASM39243v1	0.6	0	1	0	0.5
GCA_016432585.1_ASM1643258v1	1	0	1	1	0.5
GCA_025450135.1_ASM2545013v1	0.4	0	1	1	0
GCA_002421785.1_ASM242178v1	1	0	1	0	0.5
GCA_015999875.1_ASM1599987v1	0.8	0	1	1	0
GCA_020428315.1_ASM2042831v1	0.5	0	1	1	0
GCA_003246575.1_ASM324657v1	1	0	1	0	0.5
GCA_002337155.1_ASM233715v1	0.6	0	1	0	0.5
GCA_002404125.1_ASM240412v1	0.8	0	1	1	0.5
GCA_002413795.1_ASM241379v1	0.3	0	1	1	0
GCA_024635495.1_ASM2463549v1	1	0	1	1	0.5
GCA_016187175.1_ASM1618717v1	0.4	0	1	0	0
GCA_016700355.1_ASM1670035v1	0.6	0	1	0	0.5
GCA_016789455.1_ASM1678945v1	1	0	1	1	0
GCA_002331045.1_ASM233104v1	0.6	0	1	1	0
GCA_002413865.1_ASM241386v1	0.8	0	1	1	0.5
GCA_025924835.1_ASM2592483v1	0.6	0	1	1	0
GCA_016700015.1_ASM1670001v1	0.6	0	1	0	0.5
GCA_027492635.1_ASM2749263v1	0.8	0	1	1	0
GCA_027427295.1_ASM2742729v1	0.6	0	1	1	0
GCA_001790445.1_ASM179044v1	0.6	0	1	0	0.5
GCA_001790365.1_ASM179036v1	0.6	0	1	1	0.5
GCA_002322785.1_ASM232278v1	0.6	0	1	0	0.5
GCA_001790435.1_ASM179043v1	0.6	0	1	1	0.5
GCA_002336935.1_ASM233693v1	0.6	0	1	0	0.5
GCA_002413755.1_ASM241375v1	1	0	1	1	0
GCA_017307155.1_ASM1730715v1	1	0	1	1	0
GCA_019352195.1_ASM1935219v1	1	0	1	1	0
GCA_027447005.1_ASM2744700v1	0.6	0	1	1	0
GCA_002429245.1_ASM242924v1	0.6	0	1	1	0
GCA_027450065.1_ASM2745006v1	0.8	0	1	0	0.5
GCA_015999865.1_ASM1599986v1	0.6	0	1	0	0
GCA_015999845.1_ASM1599984v1	0.6	0	1	0	0

GCA_016000075.1_ASM1600007v1	0.6	0	1	0	0
GCA_027426875.1_ASM2742687v1	0.8	0	1	1	0.5
GCA_009787015.1_ASM978701v1	1	1	0	0	1
GCA_002405335.1_ASM240533v1	0.6	0	1	1	0.5
GCA_022842995.1_ASM2284299v1	0.6	0	1	1	0
GCA_016176605.1_ASM1617660v1	0.6	0	1	0	0
GCA_002316545.1_ASM231654v1	1	0	1	1	0
GCA_002413835.1_ASM241383v1	0.6	0	1	1	0.5
GCA_003516025.1_ASM351602v1	1	0	1	1	0
GCA_009785095.1_ASM978509v1	1	1	1	0	1
GCA_022828285.1_ASM2282828v1	1	0	1	0	0
GCA_022819345.1_ASM2281934v1	1	0	1	0	0
GCA_001897305.1_ASM189730v1	1	0	1	1	0
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361	0.8	0	1	1	0
GCA_015655045.1_ASM1565504v1	1	0	1	1	0.5
GCA_027427475.1_ASM2742747v1	0.6	0	1	1	0
GCA_016000245.1_ASM1600024v1	0.8	0	1	1	0
GCA_027427915.1_ASM2742791v1	0.6	0	1	1	0
GCA_001790385.1_ASM179038v1	0.6	0	1	0	0
GCA_025273655.1_ASM2527365v1	0.6	0	1	1	0
GCA_000503915.1_ASM50391v1	0.6	0	1	1	0
GCA_002348615.1_ASM234861v1	0.6	0	1	1	0.5
GCA_002343645.1_ASM234364v1	0.6	0	1	1	0.5
GCA_002434055.1_ASM243405v1	0.6	0	1	1	0.5
GCA_027492975.1_ASM2749297v1	1	0	1	0	0
GCA_027327265.1_ASM2732726v1	0.6	0	1	1	0
GCA_009787245.1_ASM978724v1	1	1	0	0	0.5
GCA_027427135.1_ASM2742713v1	0.4	0	1	1	0
GCA_027446985.1_ASM2744698v1	0.4	0	1	1	0
GCA_027492255.1_ASM2749225v1	0.6	0	1	0	0.5
GCA_010014515.1_ASM1001451v1	1	0	1	0	0
GCA_002404195.1_ASM240419v1	1	0	1	1	0
GCA_027493025.1_ASM2749302v1	1	0	1	0	0
GCA_003537595.1_ASM353759v1	0.6	0	1	1	0
GCA_001029695.1_ASM102969v1	0.6	0	1	0	0
GCA_003508055.1_ASM350805v1	0.6	0	1	0	0
GCA_027427215.1_ASM2742721v1	0.4	0	1	1	0
GCA_003231925.1_ASM323192v1	0.6	0	1	0	0.5
GCA_017983575.1_ASM1798357v1	0.6	0	1	0	0.5
RDPYD18300075_A_saliva.metaspades.bin.22	1	0	1	0	0
GCA_020428475.1_ASM2042847v1	0.8	0	1	0	0.5
GCA_027331915.1_ASM2733191v1	0.6	0	1	1	0
GCA_001790535.1_ASM179053v1	0.6	0	1	0	0
GCA_943354985.1_Jr-19feb18-57	0.5	0	1	0	0.5
GCA_027312225.1_ASM2731222v1	0.6	0	1	0	0
GCA_027332225.1_ASM2733222v1	0.1	0	1	1	0
GCA_903856615.1_freshwater_MAG_---_AM-lipid-01-D3_bin-1021	0.6	0	1	1	0
GCA_903829335.1_freshwater_MAG_---_AM-lipid-02-D1_bin-0304	0.6	0	1	1	0
GCA_903840315.1_freshwater_MAG_---_AM-lipid-02-D2_bin-0413	0.6	0	1	1	0
GCA_027426975.1_ASM2742697v1	0.6	0	1	1	0
GCA_005697565.1_ASM569756v1	1	0	1	0	0
GCA_016191105.1_ASM1619110v1	0.8	0	1	0	0
YS000029_saliva.spades.bin.8	1	0	1	0	0
GCA_001897295.1_ASM189729v1	0.6	0	1	1	0.5
GCA_903894915.1_freshwater_MAG_---_AlinenLipids_bin-5330	0.6	0	1	1	0
GCA_027426955.1_ASM2742695v1	0.6	0	1	1	0
GCA_027449065.1_ASM2744906v1	0.8	0	1	1	0.5
SZAXPI018316-18_RA_dental.metaspades.bin.5	0.6	0	1	0	0.5
SRR8114033.metaspades.bin.42	0.8	0	1	0	0
GCA_002335175.1_ASM233517v1	0.6	0	1	1	0.5
GCA_002433925.1_ASM243392v1	0.6	0	1	1	0.5
GCA_002425115.1_ASM242511v1	0.6	0	1	1	0.5
YS000143_saliva.spades.bin.5	1	0	1	0	0
RDPYD18189833_A_saliva.metaspades.bin.38	1	0	1	0	0
GCA_002343385.1_ASM234338v1	0.6	0	1	1	0.5
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708	0.6	0	1	1	0
GCA_002344735.1_ASM234473v1	0.6	0	1	1	0.5
GCA_027366295.1_ASM2736629v1	0.6	0	1	1	0.5
GCA_027427775.1_ASM2742777v1	0.6	0	1	1	0
GCA_946893605.1_PRJEB56001	1	0	1	0	0
YS000609_saliva.spades.bin.19	1	0	1	0	0
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261	0.8	1	1	1	0
GCA_002455275.1_ASM245527v1	1	0	1	1	0
GCA_026395405.1_ASM2639540v1	0.2	0	1	0	0.5
GCA_015257705.1_ASM1525770v1	1	0	1	0	0
GCA_027426995.1_ASM2742699v1	0.6	0	1	1	0
RSZYD18078809_A_saliva.metaspades.bin.65	1	0	1	0	0
GCA_026395375.1_ASM2639537v1	1	0	1	1	0

GCA_013100825.1_ASM1310082v1	1	0	1	0	0.5
GCA_005697055.1_ASM569705v1	1	0	1	0	0.5
GCA_013098655.1_ASM1309865v1	1	0	1	0	0.5
GCA_016699895.1_ASM1669989v1	1	0	1	0	0
GCA_003164595.1_20120700_S1D	0.4	1	1	1	0.5
GCA_021222645.1_ASM2122264v1	1	0	1	0	0
GCA_010201925.1_ASM1020192v1	1	0	1	0	0.5
GCA_020912025.1_ASM2091202v1	1	0	1	0	0
GCA_027426775.1_ASM2742677v1	0.6	0	1	1	0.5
RSZYD18187656_A_saliva.metaspades.bin.41	1	0	1	0	0
GCA_027427415.1_ASM2742741v1	0.6	0	1	1	0
GCA_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG	1	0	1	1	0
RSZYD18187237_A_saliva.metaspades.bin.71	1	0	1	0	0
R0170300282_tooth_RAH.megahit.bin.3	0.6	0	1	0	0.5
R0170300325_tooth_RA.megahit.bin.68	0.6	0	1	0	0.5
SZAXPI011699-166_RA_dental.metaspades.bin.36	1	0	1	0	0
GCA_013334475.1_ASM1333447v1	0.8	0	1	0	0.5
RSZYD18078790_A_saliva.metaspades.bin.58	1	0	1	0	0
GCA_027427235.1_ASM2742723v1	0.6	0	1	0	0
GCA_027427255.1_ASM2742725v1	0.6	0	1	0	0
GCA_027427195.1_ASM2742719v1	0.6	0	1	0	0
GCA_027325955.1_ASM2732595v1	0.4	0	1	1	0.5
GCA_020428275.1_ASM2042827v1	0.6	0	1	1	0.5
GCA_027331975.1_ASM2733197v1	0.6	0	1	1	0
GCA_903859325.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0230	0.6	0	1	1	0
RSZAXPI002674-21_RA_dental.metaspades.bin.42	1	0	1	0	0.5
GCA_001790625.1_ASM179062v1	0.4	0	1	1	0.5
GCA_927911635.1_ERR3827207_bin.3_metaWRAP_v1.1_MAG	0.2	0	1	0	0.5
R0170300200_tooth_RA.megahit.bin.64	0.9	0	1	0	0
R0170300196_tooth_RA.megahit.bin.11	0.6	0	1	0	0.5
R0170300062_tooth_RA.megahit.bin.52	0.8	0	1	0	0
YS001048_saliva.spades.bin.21	1	0	1	0	0
GCA_018062785.1_ASM1806278v1	0.8	0	1	1	0.5
GCA_027427515.1_ASM2742751v1	0.6	0	1	0	0.5
GCA_905372385.1_SRR9217408-mag-bin.1	0.9	0	1	0	0
R0170300129_tooth_RA.megahit.bin.17	0.8	0	1	0	0
GCA_001788565.1_ASM178856v1	0.4	0	1	1	0.5
SRR8114063.metaspades.bin.48	1	0	1	0	0
GCA_027427595.1_ASM2742759v1	0.6	0	1	0	0.5
R0170300319_tooth_RAH.megahit.bin.124	0.6	0	1	0	0.5
RSZYD18187790_A_saliva.metaspades.bin.35	1	0	1	0	0
RSZYD18187484_A_saliva.metaspades.bin.51	1	0	1	0	0
RSZYD18187690_A_saliva.metaspades.bin.20	1	0	1	0	0
SZAXPI018488-20_RA_saliva.metaspades.bin.49	0.9	0	1	0	0.5
SZAXPI018317-19_RA_dental.metaspades.bin.46	0.9	0	1	0	0.5
RSZYD18187118_A_saliva.metaspades.bin.24	1	0	1	0	0
YS000373_saliva.spades.bin.23	1	0	1	0	0
RSZYD18187057_A_saliva.metaspades.bin.25	1	0	1	0	0
YS000282_saliva.spades.bin.24	0.9	0	1	0	0
RSZYD18187244_A_saliva.metaspades.bin.38	1	0	1	0	0
RDPYD18189988_A_saliva.metaspades.bin.51	1	0	1	0	0
GCA_002452155.1_ASM245215v1	0.4	0	1	0	0
GCA_027328705.1_ASM2732870v1	0.8	0	1	1	0.5
GCA_027427715.1_ASM2742771v1	0.6	0	1	0	0.5
GCA_013098855.1_ASM1309885v1	1	0	1	0	0.5
R0170300229_tooth_RA.megahit.bin.48	1	0	1	0	0.5
GCA_905372835.1_SRR9217428-mag-bin.30	1	0	1	0	0
R0170300272_tooth_RAH.megahit.bin.87	0.9	0	1	0	0
GCA_013099195.1_ASM1309919v1	1	0	1	0	0.5
RSZYD18078444_A_saliva.metaspades.bin.56	1	0	1	0	0
GCA_015663315.1_ASM1566331v1	0.8	0	1	0	0
GCA_012965045.1_ASM1296504v1	0.8	0	1	0	0
GCA_005697215.1_ASM569721v1	1	0	1	0	0.5
GCA_018062805.1_ASM1806280v1	0.8	0	1	0	0.5
GCA_027427155.1_ASM2742715v1	0.4	0	1	1	0
R0170300198_tooth_RA.megahit.bin.28	1	0	1	0	0
GCA_002343565.1_ASM234356v1	0.6	0	1	1	0.5
GCA_027427495.1_ASM2742749v1	0.6	0	1	0	0.5
GCA_016866755.1_JGI_2017-08-21	0.8	0	1	0	0
RSZYD18078148_A_saliva.metaspades.bin.88	1	0	1	0	0
RSZAXPI002318-27_RAH_dental.metaspades.bin.13	0.6	0	1	0	0.5
RDPYD18088981_A_saliva.metaspades.bin.41	1	0	1	0	0
RDPYD18189828_A_saliva.metaspades.bin.6	1	0	1	0	0
RSZAXPI002619-34_RA_dental.metaspades.bin.39	0.9	0	1	0	0.5
R0170300306_tooth_RAH.megahit.bin.30	0.9	0	1	0	0.5
R0170300183_tooth_RA.megahit.bin.5	1	0	1	0	0.5
GCA_027427655.1_ASM2742765v1	0.6	0	1	0	0.5
GCA_027426835.1_ASM2742683v1	0.8	0	1	1	0.5

GCA_004100325.1_ASM410032v1	0.6	0	1	1	0
RSZYD18187511_A_saliva.metaspades.bin.2	1	0	1	0	0
RSZYD18187556_A_saliva.metaspades.bin.16	1	0	1	0	0
SRR8114009.metaspades.bin.3	1	0	1	0	0
GCA_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG	1	0	1	0	0.5
YS001129_saliva.spades.bin.13	1	0	1	0	0
YS000928_saliva.spades.bin.8	1	0	1	0	0
R0170300274_tooth_RAH.megahit.bin.32	0.9	0	1	0	0.5
R0170300267_tooth_RAH.megahit.bin.64	0.9	0	1	0	0
GCA_027338765.1_ASM2733876v1	0.8	0	1	0	0.5
SZAXPI018318-20_RA_dental.metaspades.bin.38	0.8	0	1	0	0
YS000208_saliva.spades.bin.26	1	0	1	0	0
SZAXPI018357-22_RA_saliva.metaspades.bin.71	0.8	0	1	0	0
GCA_023257815.1_ASM2325781v1	0.4	0	1	1	0
GCA_002441585.1_ASM244158v1	0.6	0	1	1	0.5
GCA_905372725.1_SRR9217423-mag-bin.8	0.8	0	1	0	0
GCA_022828295.1_ASM2282829v1	1	0	1	0	0
GCA_027427675.1_ASM2742767v1	0.6	0	1	0	0.5
GCA_027427695.1_ASM2742769v1	0.6	0	1	0	0.5
GCA_027323755.1_ASM2732375v1	0.6	0	1	0	0.5
GCA_027351585.1_ASM2735158v1	0.8	0	1	1	0
R0170300246_tooth_RAH.megahit.bin.19	1	0	1	0	0.5
RSZAXPI002625-57_RA_dental.metaspades.bin.44	1	0	1	0	0.5
R0170300260_tooth_RAH.megahit.bin.16	0.9	0	1	0	0.5
RSZYD18187200_A_saliva.metaspades.bin.37	1	0	1	0	0
RSZYD18187002_A_saliva.metaspades.bin.59	1	0	1	0	0
R0170300060_tooth_RA.megahit.bin.92	1	0	1	0	0.5
GCA_026395435.1_ASM2639543v1	0.8	0	1	0	0.5
GCA_002304695.1_ASM230469v1	0.1	0	1	1	0.5
R0170300221_tooth_RA.megahit.bin.80	1	0	1	0	0.5
GCA_027427015.1_ASM2742701v1	0.6	0	1	0	0.5
GCA_013098515.1_ASM1309851v1	1	0	1	0	0.5
R0170300055_tooth_RA.megahit.bin.5	0.6	0	1	0	0.5
GCA_027427835.1_ASM2742783v1	0.6	0	1	1	0
R0170300127_tooth_RA.megahit.bin.30	1	0	1	0	0
R0170300295_tooth_RAH.megahit.bin.55	0.6	0	1	0	0.5
GCA_027427575.1_ASM2742757v1	0.6	0	1	0	0.5
YS000726_saliva.spades.bin.20	1	0	1	0	0
GCA_027427535.1_ASM2742753v1	0.6	0	1	0	0.5
GCA_002434045.1_ASM243404v1	0.6	0	1	1	0
RDPYD18088968_A_saliva.metaspades.bin.21	1	0	1	0	0
RDPYD18098961_A_saliva.metaspades.bin.6	1	0	1	0	0
RSZAXPI002613-24_RA_dental.metaspades.bin.48	0.8	0	1	0	0
SZAXPI018486-18_RA_saliva.metaspades.bin.17	0.8	0	1	0	0
GCA_002413425.1_ASM241342v1	0.6	0	1	0	0.5
R0170300251_tooth_RAH.megahit.bin.14	0.9	0	1	0	0
RSZAXPI002321-33_RAH_dental.metaspades.bin.23	0.6	0	1	0	0.5
GCA_905365145.1_ERZ1644999-mag-bin.1	0.9	0	1	0	0.5
RDPYD18099005_A_saliva.metaspades.bin.66	1	0	1	0	0
R0170300202_tooth_RA.megahit.bin.78	0.9	0	1	0	0
YS001023_saliva.spades.bin.13	1	0	1	0	0
RSZYD18187874_A_saliva.metaspades.bin.29	1	0	1	0	0
SZAXPI018285-113_RA_dental.metaspades.bin.57	0.6	0	1	0	0.5
RSZYD18078531_A_saliva.metaspades.bin.36	1	0	1	0	0
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG	0.4	0	1	1	0
GCA_022828255.1_ASM2282825v1	1	0	1	0	0
GCA_947302355.1_SRR10912539_bin.48_metaWRAP_v1.3_MAG	1	1	0	0	1
SZAXPI018315-17_RA_dental.metaspades.bin.12	0.6	0	1	0	0.5
GCA_010202645.1_ASM1020264v1	1	0	1	0	0.5
RSZYD18187442_A_saliva.metaspades.bin.35	1	0	1	0	0
GCA_017513905.1_ASM1751390v1	1	1	0	0	0.5
SZAXPI018320-22_RA_dental.metaspades.bin.16	0.9	0	1	0	0.5
GCA_905371785.1_SRR9217391-mag-bin.4	0.9	0	1	0	0.5
SZAXPI018323-25_RA_dental.metaspades.bin.7	1	0	1	0	0.5
R0170300285_tooth_RAH.megahit.bin.44	0.9	0	1	0	0
GCA_027427615.1_ASM2742761v1	0.6	0	1	0	0.5
GCA_027427555.1_ASM2742755v1	0.6	0	1	0	0.5
RSZAXPI002673-20_RA_dental.metaspades.bin.25	1	0	1	0	0.5
YS000581_saliva.spades.bin.8	1	0	1	0	0
RSZYD18078438_A_saliva.metaspades.bin.6	1	0	1	0	0
RSZYD18187694_A_saliva.metaspades.bin.6	1	0	1	0	0
GCA_013333675.2_ASM1333367v2	0.9	0	1	0	0
R0170300299_tooth_RAH.megahit.bin.100	0.6	0	1	0	0.5
GCA_027459425.1_ASM2745942v1	0.5	0	1	1	0
RSZAXPI002627-75_RA_dental.metaspades.bin.12	0.8	0	1	0	0
RDPYD18098912_A_saliva.metaspades.bin.17	1	0	1	0	0
GCA_010202265.1_ASM1020226v1	1	0	1	0	0.5
R0170300150_tooth_RA.megahit.bin.66	0.6	0	1	0	0.5

YS000754_saliva.spades.bin.30	1	0	1	0	0
RDPYD18098959_A_saliva.metaspades.bin.38	1	0	1	0	0
RDPYD18201694_A_saliva.metaspades.bin.10	1	0	1	0	0
RSZYD18187554_A_saliva.metaspades.bin.21	1	0	1	0	0
R0170300258_tooth_RAH.megahit.bin.41	0.6	0	1	0	0.5
R0170300298_tooth_RAH.megahit.bin.133	0.9	0	1	0	0.5
GCA_017514145.1_ASM1751414v1	1	1	0	0	1
R0170300304_tooth_RAH.megahit.bin.45	1	0	1	0	0
RSZAXPI002604-26_RA_dental.metaspades.bin.30	1	0	1	0	0
GCA_022819365.1_ASM2281936v1	1	0	1	0	0
GCA_020427985.1_ASM2042798v1	0.8	0	1	1	0.5
GCA_002441145.1_ASM244114v1	0.6	0	1	0	0.5
R0170300253_tooth_RAH.megahit.bin.35	0.9	0	1	0	0
RDPYD18097666_A_saliva.metaspades.bin.15	1	0	1	0	0
GCA_013100805.1_ASM1310080v1	1	0	1	0	0.5
GCA_013333485.2_ASM1333348v2	1	0	1	0	0.5
R0170300199_tooth_RA.megahit.bin.62	0.6	0	1	0	0.5
R0170300133_tooth_RA.megahit.bin.23	1	0	1	0	0.5
GCA_023253175.1_ASM2325317v1	0.8	0	1	1	0
R0170300139_tooth_RA.megahit.bin.75	1	0	1	0	0
RSZAXPI002304-13_RAH_dental.metaspades.bin.45	0.8	0	1	0	0
GCA_900556885.1_UMGS1986	0.8	0	1	0	0
GCA_002404315.1_ASM240431v1	0.6	0	1	0	0.5
RDPYD18088989_A_saliva.metaspades.bin.19	1	0	1	0	0
GCA_022828365.1_ASM2282836v1	1	0	1	0	0
RSZAXPI002318-27_RAH_dental.metaspades.bin.2	0.8	0	1	0	0
GCA_026395395.1_ASM2639539v1	0.4	0	1	0	0
RSZYD18187792_A_saliva.metaspades.bin.31	1	0	1	0	0
GCA_905373795.1_SRR9217490-mag-bin.5	1	0	1	0	0
YS000246_saliva.spades.bin.34	1	0	1	0	0
GCA_024635455.1_ASM2463545v1	1	0	1	0	0
RDPYD18189930_A_saliva.metaspades.bin.8	1	0	1	0	0
R0170300252_tooth_RAH.megahit.bin.91	0.6	0	1	0	0.5
R0170300193_tooth_RA.megahit.bin.72	0.9	0	1	0	0.5
R0170300125_tooth_RA.megahit.bin.2	0.8	0	1	0	0
YS001157_saliva.spades.bin.8	1	0	1	0	0
RDPYD18300300_A_saliva.metaspades.bin.61	1	0	1	0	0
RSZYD18187508_A_saliva.metaspades.bin.8	1	0	1	0	0
GCA_002381545.1_ASM238154v1	0.6	0	1	0	0.5
GCA_009776375.1_ASM977637v1	1	1	1	0	1
SZAXPI018284-111_RA_dental.metaspades.bin.60	0.9	0	1	0	0.5
GCA_027492735.1_ASM2749273v1	1	0	1	0	0
R0170300161_tooth_RA.megahit.bin.8	0.9	0	1	0	0
GCA_002425145.1_ASM242514v1	0.6	0	1	1	0
GCA_002344715.1_ASM234471v1	0.6	0	1	1	0
RDPYD18300395_A_saliva.metaspades.bin.59	1	0	1	0	0
R0170300120_tooth_RA.megahit.bin.47	1	0	1	0	0.5
GCA_946480535.1_SRR14536364_bin.32_metawrap_v1.3.0_MAG	0.6	0	1	1	0
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663	0.6	0	1	1	0
R0170300189_tooth_RA.megahit.bin.69	1	0	1	0	0
R0170300235_tooth_RAH.megahit.bin.34	0.8	0	1	0	0
SZAXPI018286-123_RA_dental.metaspades.bin.62	0.9	0	1	0	0.5
R0170300285_tooth_RAH.megahit.bin.82	0.6	0	1	0	0.5
SZAXPI018287-129_RA_dental.metaspades.bin.34	0.9	0	1	0	0
RSZYD18187171_A_saliva.metaspades.bin.47	1	0	1	0	0
SZAXPI018190-56_RA_dental.metaspades.bin.33	0.8	0	1	0	0
GCA_015257555.2_ASM1525755v2	0.8	0	1	0	0
GCA_027427795.1_ASM2742779v1	0.4	0	1	1	0
SRR6748220.metaspades.bin.9	1	0	1	0	0
RSZYD18187626_A_saliva.metaspades.bin.21	1	0	1	0	0
RSZYD18187722_A_saliva.metaspades.bin.7	0.8	0	1	0	0
SZAXPI018400-40_RA_saliva.metaspades.bin.35	1	0	1	0	0
GCA_947097435.1_SRR8786267_bin.5_metaWRAP_v1.3_MAG	1	0	1	0	0.5
SZAXPI018097-18_RA_dental.metaspades.bin.33	0.8	0	1	0	0
R0170300141_tooth_RA.megahit.bin.64	0.8	0	1	0	0
SRR6748116.metaspades.bin.2	1	0	1	0	0
GCA_022828375.1_ASM2282837v1	1	0	1	0	0
R0170300257_tooth_RAH.megahit.bin.108	0.6	0	1	0	0.5
R0170300161_tooth_RA.megahit.bin.38	0.8	0	1	0	0
R0170300271_tooth_RAH.megahit.bin.97	0.6	0	1	0	0.5
RSZYD18187400_A_saliva.metaspades.bin.14	0.8	0	1	0	0
R0170300051_tooth_RA.megahit.bin.53	0.6	0	1	0	0.5
R0170300052_tooth_RA.megahit.bin.177	0.9	0	1	0	0
GCA_027340605.1_ASM2734060v1	0.6	0	1	1	0
GCA_905372305.1_SRR9217408-mag-bin.12	1	0	1	0	0
SZAXPI018323-25_RA_dental.metaspades.bin.51	0.8	0	1	0	0.5
GCA_017510425.1_ASM1751042v1	1	1	0	0	1
GCA_916720665.1_SRR15235659_bin.7_metaWRAP_v1.1_MAG	1	0	1	0	0

R0170300253_tooth_RAH.megahit.bin.13	0.6	0	1	0	0.5
RSZYD18187184_A_saliva.metaspades.bin.10	1	0	1	0	0
SZAXPI018096-17_RA_dental.metaspades.bin.7	0.9	0	1	0	0
GCA_014377695.1_ASM1437769v1	0.4	0	1	1	0
GCA_027427395.1_ASM2742739v1	0.6	0	1	0	0
RDPYD18098804_A_saliva.metaspades.bin.34	1	0	1	0	0
R0170300307_tooth_RAH.megahit.bin.81	0.9	0	1	0	0
R0170300157_tooth_RA.megahit.bin.74	0.9	0	1	0	0
SZAXPI018188-46_RA_dental.metaspades.bin.49	0.6	0	1	0	0.5
SZAXPI018280-95_RA_dental.metaspades.bin.20	0.6	0	1	0	0.5
R0170300053_tooth_RA.megahit.bin.84	0.9	0	1	0	0
R0170300231_tooth_RA.megahit.bin.10	0.8	0	1	0	0
GCA_013815785.1_ASM1381578v1	0.6	0	1	1	0
YS001064_saliva.spades.bin.3	1	0	1	0	0
GCA_943358135.1_MsH-01oct19-288	0.6	0	1	0	0
RSZAXPI002633-90_RA_dental.metaspades.bin.41	0.8	0	1	0	0
GCA_002792255.1_ASM279225v1	0.3	0	1	0	0.5
RSZYD18187273_A_saliva.metaspades.bin.58	1	0	1	0	0
R0170300117_tooth_RA.megahit.bin.12	0.9	0	1	0	0
YS000592_saliva.spades.bin.16	1	0	1	0	0
SZAXPI018288-133_RA_dental.metaspades.bin.4	0.4	0	1	0	0.5
R0170300261_tooth_RAH.megahit.bin.18	0.8	0	1	0	0
GCA_027450165.1_ASM2745016v1	0.6	0	1	1	0.5
SZAXPI018181-37_RA_dental.metaspades.bin.31	1	0	1	0	0
RDPYD18300006_A_saliva.metaspades.bin.7	1	0	1	0	0
YS000376_saliva.spades.bin.26	1	0	1	0	0
RDPYD18088987_A_saliva.metaspades.bin.6	1	0	1	0	0
RSZYD18187123_A_saliva.metaspades.bin.13	1	0	1	0	0
GCA_947098845.1_SRR8786267_bin.6_metaWRAP_v1.3_MAG	0.9	0	1	0	0
SZAXPI018276-89_RA_dental.metaspades.bin.7	0.8	0	1	0	0
GCA_946618085.1_SRR873610_bin.1_metaWRAP_v1.3_MAG	1	1	0	0	1
GCA_002363125.1_ASM236312v1	1	1	0	0	1
RSZYD18187903_A_saliva.metaspades.bin.45	1	0	1	0	0
SZAXPI018282-108_RA_dental.metaspades.bin.30	0.8	0	1	0	0
RSZYD18078399_A_saliva.metaspades.bin.40	1	0	1	0	0
SZAXPI018102-23_RA_dental.metaspades.bin.20	0.6	0	1	0	0.5
RSZYD18078489_A_saliva.metaspades.bin.18	1	0	1	0	0
RSZYD18078172_A_saliva.metaspades.bin.34	1	0	1	0	0
RDPYD18300152_A_saliva.metaspades.bin.25	1	0	1	0	0
R0170300226_tooth_RA.megahit.bin.18	0.8	0	1	0	0
R0170300222_tooth_RA.megahit.bin.139	1	0	1	0	0.5
GCA_017510665.1_ASM1751066v1	1	1	0	0	1
GCA_013333595.2_ASM1333359v2	0.3	0	1	0	0
GCA_010202845.1_ASM1020284v1	1	0	1	0	0.5
GCA_010202115.1_ASM1020211v1	1	0	1	0	0.5
R0170300309_tooth_RAH.megahit.bin.70	1	0	1	0	0
GCA_018127705.1_ASM1812770v1	0.9	0	1	0	0
R0170300279_tooth_RAH.megahit.bin.111	1	0	1	0	0.5
GCA_017514045.1_ASM1751404v1	1	1	0	0	0.5
SZAXPI018174-30_RA_dental.metaspades.bin.36	1	0	1	0	0.5
YS001160_saliva.spades.bin.8	1	0	1	0	0
RSZAXPI002326-41_RAH_dental.metaspades.bin.35	0.9	0	1	0	0
RSZAXPI002673-20_RA_dental.metaspades.bin.43	0.9	0	1	0	0
R0170300147_tooth_RA.megahit.bin.17	0.9	0	1	0	0.5
R0170300056_tooth_RA.megahit.bin.17	0.8	0	1	0	0
SZAXPI018278-93_RA_dental.metaspades.bin.41	1	0	1	0	0
GCA_027356125.1_ASM2735612v1	0.4	0	1	0	0
GCA_015257665.1_ASM1525766v1	0.6	0	1	0	0.5
RSZAXPI002315-24_RAH_dental.metaspades.bin.39	0.9	0	1	0	0
R0170300228_tooth_RA.megahit.bin.112	0.8	0	1	0	0
RSZAXPI002330-47_RAH_dental.metaspades.bin.66	0.4	0	1	0	0.5
R0170300128_tooth_RA.megahit.bin.9	1	0	1	0	0
RSZAXPI002604-26_RA_dental.metaspades.bin.36	0.8	0	1	0	0
GCA_943354005.1_MsH-30jul19-11	0.6	0	1	0	0
SRR6748164.metaspades.bin.5	1	0	1	0	0
YS000126_saliva.spades.bin.17	1	0	1	0	0
SRR6748160.metaspades.bin.6	1	0	1	0	0
SRR6748159.metaspades.bin.19	1	0	1	0	0
SRR6748163.metaspades.bin.10	1	0	1	0	0
RDPYD18300362_A_saliva.metaspades.bin.83	1	0	1	0	0
RSZYD18187595_A_saliva.metaspades.bin.7	1	0	1	0	0
GCA_027428095.1_ASM2742809v1	0.9	0	1	0	0.5
GCA_002793725.1_ASM279372v1	0.3	0	1	0	0.5
GCA_001873625.1_ASM187362v1	0.3	0	1	0	0.5
GCA_002795915.1_ASM279591v1	0.3	0	1	0	0.5
GCA_002323055.1_ASM232305v1	0.3	0	1	0	0.5
RSZAXPI002312-21_RAH_dental.metaspades.bin.60	0.8	0	1	0	0
GCA_027426655.1_ASM2742665v1	0.6	0	1	0	0

R0170300097_tooth_RA.megahit.bin.6	0.8	0	1	0	0
YS000462_saliva.spades.bin.8	1	0	1	0	0
R0170300284_tooth_RAH.megahit.bin.10	0.8	0	1	0	0
R0170300288_tooth_RAH.megahit.bin.34	0.8	0	1	0	0
SZAXPI018180-36_RA_dental.metaspades.bin.18	0.8	0	1	0	0
R0170300194_tooth_RA.megahit.bin.111	0.9	0	1	0	0.5
R0170300097_tooth_RA.megahit.bin.57	1	0	1	0	0.5
GCA_013815775.1_ASM1381577v1	0.4	0	1	1	0
SZAXPI018302-84_RA_dental.metaspades.bin.17	0.9	0	1	0	0.5
GCA_027426695.1_ASM2742669v1	0.6	0	1	0	0
RSZAXPI002325-39_RAH_dental.metaspades.bin.45	0.8	0	1	0	0
R0170300321_tooth_RAH.megahit.bin.21	0.8	0	1	0	0
R0170300219_tooth_RA.megahit.bin.79	0.9	0	1	0	0.5
SRR6748161.metaspades.bin.16	1	0	1	0	0
R0170300268_tooth_RAH.megahit.bin.13	0.9	0	1	0	0
GCA_027427755.1_ASM2742775v1	0.4	0	1	1	0
SZAXPI018092-13_RA_dental.metaspades.bin.42	0.9	0	1	0	0.5
RSZAXPI002633-90_RA_dental.metaspades.bin.49	0.9	0	1	0	0.5
RSZAXPI002636-95_RA_dental.metaspades.bin.12	0.9	0	1	0	0.5
R0170300203_tooth_RA.megahit.bin.96	0.8	0	1	0	0
RSZAXPI002326-41_RAH_dental.metaspades.bin.6	0.8	0	1	0	0
GCA_002482925.1_ASM248292v1	0.6	0	1	0	0
RSZYD18078214_A_saliva.metaspades.bin.42	1	0	1	0	0
GCA_013333625.2_ASM1333362v2	0.9	0	1	0	0.5
GCA_027365795.1_ASM2736579v1	0.6	0	1	1	0
GCA_007135955.1_ASM713595v1	0.6	0	1	0	0
GCA_013333055.2_ASM1333305v2	0.8	0	1	0	0
GCA_007845485.1_ASM784548v1	0.8	0	1	0	0
SZAXPI018279-94_RA_dental.metaspades.bin.46	0.8	0	1	0	0
R0170300285_tooth_RAH.megahit.bin.89	0.8	0	1	0	0
SZAXPI018171-25_1_RA_dental.metaspades.bin.23	0.8	0	1	0	0
YS001069_saliva.spades.bin.6	1	0	1	0	0
GCA_010202465.1_ASM1020246v1	1	0	1	0	0.5
RDPYD18300164_A_saliva.metaspades.bin.23	1	0	1	0	0
RSZAXPI002460-93_RAH_saliva.metaspades.bin.2	1	0	1	0	0
GCA_017404845.1_ASM1740484v1	1	0	0	0	0.5
SZAXPI018292-158_RA_dental.metaspades.bin.62	0.9	0	1	0	0.5
SZAXPI018315-17_RA_dental.metaspades.bin.58	0.8	0	1	0	0
R0170300219_tooth_RA.megahit.bin.19	0.9	0	1	0	0
R0170300269_tooth_RAH.megahit.bin.68	0.9	0	1	0	0
R0170300127_tooth_RA.megahit.bin.43	0.8	0	1	0	0
RSZYD18078660_A_saliva.metaspades.bin.67	1	0	1	0	0
RDPYD18300059_A_saliva.metaspades.bin.13	0.4	0	1	0	0.5
RSZYD18078615_A_saliva.metaspades.bin.45	1	0	1	0	0
RSZYD18187612_A_saliva.metaspades.bin.12	1	0	1	0	0
SZAXPI018288-133_RA_dental.metaspades.bin.36	0.8	0	1	0	0
RSZAXPI002316-25_RAH_dental.metaspades.bin.44	0.8	0	1	0	0
R0170300287_tooth_RAH.megahit.bin.130	0.8	0	1	0	0.5
RSZYD18187034_A_saliva.metaspades.bin.52	1	0	1	0	0
GCA_005697395.1_ASM569739v1	1	0	1	0	0
GCA_000803625.1_ASM80362v1	1	0	1	0	0
GCA_019662065.1_ASM1966206v1	0.4	0	1	1	0
GCA_905372195.1_SRR9217401-mag-bin.1	0.9	0	1	0	0.5
R0170300308_tooth_RAH.megahit.bin.44	0.9	0	1	0	0.5
YS000206_saliva.spades.bin.3	1	0	1	0	0
SZAXPI018173-27_RA_dental.metaspades.bin.20	0.8	0	1	0	0
YS000207_saliva.spades.bin.17	0.8	0	1	0	0
RSZYD18187596_A_saliva.metaspades.bin.23	0.8	0	1	0	0
R0170300114_tooth_RA.megahit.bin.70	0.8	0	1	0	0
R0170300194_tooth_RA.megahit.bin.127	0.9	0	1	0	0
GCA_943914775.1_Tcv98XDF6C_bin.50.MAG	0.9	0	1	0	0.5
R0170300267_tooth_RAH.megahit.bin.37	0.9	0	1	0	0.5
RSZAXPI002326-41_RAH_dental.metaspades.bin.24	0.9	0	1	0	0.5
RSZYD18078228_A_saliva.metaspades.bin.31	1	0	1	0	0
RSZYD18187676_A_saliva.metaspades.bin.32	1	0	1	0	0
GCA_017480095.1_ASM1748009v1	1	1	0	0	1
RDPYD18098853_A_saliva.metaspades.bin.65	1	0	1	0	0
YS000202_saliva.spades.bin.16	1	0	1	0	0
SZAXPI018287-129_RA_dental.metaspades.bin.24	0.6	0	1	0	0.5
RSZAXPI002603-21_RA_dental.metaspades.bin.27	1	0	1	0	0
R0170300051_tooth_RA.megahit.bin.71	0.8	0	1	0	0
R0170300120_tooth_RA.megahit.bin.106	0.8	0	1	0	0
GCA_900555265.1_UMGS1805	1	0	1	0	0
GCA_017514865.1_ASM1751486v1	1	1	0	0	0.5
SZAXPI018101-22_RA_dental.metaspades.bin.26	0.9	0	1	0	0.5
RSZAXPI002617-32_RA_dental.metaspades.bin.17	1	0	1	0	0
YS001090_saliva.spades.bin.11	1	0	1	0	0
R0170300119_tooth_RA.megahit.bin.84	1	0	1	0	0.5

RSZYD18187707_A_saliva.metaspades.bin.26	1	0	1	0	0
RDPYD18300305_A_saliva.metaspades.bin.9	1	0	1	0	0
RSZYD18078769_A_saliva.metaspades.bin.23	1	0	1	0	0
SZAXPI018275-88_RA_dental.metaspades.bin.38	0.9	0	1	0	0
R0170300269_tooth_RAH.megahit.bin.4	0.8	0	1	0	0
RSZAXPI002324-37_RAH_dental.metaspades.bin.42	1	0	1	0	0
SRR8114096.metaspades.bin.1	1	0	1	0	0
YS000066_saliva.spades.bin.24	1	0	1	0	0
R0170300066_tooth_RA.megahit.bin.70	0.8	0	1	0	0
GCA_025349965.1_ASM2534996v1	0.6	0	1	0	0
R0170300247_tooth_RAH.megahit.bin.77	0.8	0	1	0	0
GCA_017457925.1_ASM1745792v1	1	1	0	0	1
R0170300320_tooth_RAH.megahit.bin.4	0.8	0	1	0	0
R0170300165_tooth_RA.megahit.bin.12	0.8	0	1	0	0
R0170300218_tooth_RA.megahit.bin.65	0.8	0	1	0	0
GCA_027334585.1_ASM2733458v1	0.6	0	1	1	0
RSZAXPI002609-25_RA_dental.metaspades.bin.20	0.6	0	1	0	0.5
R0170300062_tooth_RA.megahit.bin.66	1	0	1	0	0
YS000236_saliva.spades.bin.20	1	0	1	0	0
RSZYD18078359_A_saliva.metaspades.bin.14	1	0	1	0	0
RSZAXPI002471-106_2_RAH_saliva.metaspades.bin.25	1	0	1	0	0
YS001052_saliva.spades.bin.13	1	0	1	0	0
YS001127_saliva.spades.bin.3	1	0	1	0	0
RDPYD18099034_A_saliva.metaspades.bin.21	1	0	1	0	0
GCA_905372095.1_SRR9217394-mag-bin.2	0.9	0	1	0	0.5
RDPYD18201791_A_saliva.metaspades.bin.40	0.8	0	1	0	0
RSZYD18187631_A_saliva.metaspades.bin.12	0.8	0	1	0	0
RDPYD18098469_A_saliva.metaspades.bin.33	1	0	1	0	0
GCA_013333815.2_ASM1333381v2	0.8	0	1	0	0
GCA_013394755.1_ASM1339475v1	1	0	1	0	0.5
GCA_013100845.1_ASM1310084v1	1	0	1	0	0.5
GCA_903946795.1_freshwater_MAG_---_Loc090907-4m_bin-620	0.6	0	1	0	0
R0170300136_tooth_RA.megahit.bin.13	0.9	0	1	0	0
YS000926_saliva.spades.bin.2	1	0	1	0	0
R0170300106_tooth_RA.megahit.bin.47	0.9	0	1	0	0.5
YS000915_saliva.spades.bin.1	1	0	1	0	0
YS000367_saliva.spades.bin.21	1	0	1	0	0
SRR8114041.metaspades.bin.6	1	0	1	0	0
RDPYD18098889_A_saliva.metaspades.bin.45	0.8	0	1	0	0
SRR6748184.metaspades.bin.16	1	0	1	0	0
SRR6748185.metaspades.bin.21	1	0	1	0	0
RSZYD18078639_A_saliva.metaspades.bin.14	1	0	1	0	0
RSZYD18078454_A_saliva.metaspades.bin.52	1	0	1	0	0
R0170300311_tooth_RAH.megahit.bin.11	0.9	0	1	0	0
RSZAXPI002657-17_RA_dental.metaspades.bin.27	0.9	0	1	0	0
RSZYD18078262_A_saliva.metaspades.bin.27	1	0	1	0	0
GCA_900757685.1_ERS537356_50	1	0	1	0	0
RSZAXPI002477-142_2_RAH_saliva.metaspades.bin.82	1	0	1	0	0
RSZAXPI002325-39_RAH_dental.metaspades.bin.11	0.9	0	1	0	0.5
YS000361_saliva.spades.bin.9	1	0	1	0	0
YS000411_saliva.spades.bin.13	1	0	1	0	0
GCA_918593335.1_timonensis	1	0	1	0	0
GCA_904425485.1_PRJEB35131-2	1	0	1	0	0
RDPYD18189830_A_saliva.metaspades.bin.63	1	0	1	0	0
RDPYD18099004_A_saliva.metaspades.bin.53	1	0	1	0	0
R0170300098_tooth_RA.megahit.bin.129	0.9	0	1	0	0
GCA_009994745.1_ASM999474v1	0.3	0	1	0	0.5
R0170300302_tooth_RAH.megahit.bin.78	0.6	0	1	0	0.5
GCA_002381485.1_ASM238148v1	0.6	0	1	0	0.5
SZAXPI018098-19_RA_dental.metaspades.bin.53	1	0	1	0	0
SZAXPI018093-14_RA_dental.metaspades.bin.39	0.8	0	1	0	0
RSZYD18078241_A_saliva.metaspades.bin.8	1	0	1	0	0
GCA_947097585.1_SRR8786264_bin.12_metaWRAP_v1.3_MAG	0.9	0	1	0	0.5
GCA_022828245.1_ASM2282824v1	1	0	1	0	0
RDPYD18088985_A_saliva.metaspades.bin.11	1	0	1	0	0
R0170300302_tooth_RAH.megahit.bin.125	1	0	1	0	0.5
RSZAXPI002332-57_RAH_dental.metaspades.bin.16	0.9	0	1	0	0
RSZYD18187801_A_saliva.metaspades.bin.75	0.9	0	1	0	0.5
RDPYD18075172_A_saliva.metaspades.bin.27	1	0	1	0	0
R0170300289_tooth_RAH.megahit.bin.75	1	0	1	0	0
RSZAXPI002482-15_2_RAH_saliva.metaspades.bin.8	1	0	1	0	0
RSZAXPI002454-50_RAH_dental.metaspades.bin.3	0.8	0	1	0	0
YS000205_saliva.spades.bin.1	1	0	1	0	0
RSZYD18187907_A_saliva.metaspades.bin.32	1	0	1	0	0
RSZYD18187586_A_saliva.metaspades.bin.38	1	0	1	0	0
R0170300221_tooth_RA.megahit.bin.19	0.9	0	1	0	0
YS000259_saliva.spades.bin.23	1	0	1	0	0
YS000216_saliva.spades.bin.15	1	0	1	0	0

RSZAXPI002470-105_RAH_saliva.metaspades.bin.14	1	0	1	0	0
RSZYD18078609_A_saliva.metaspades.bin.12	1	0	1	0	0
RSZYD18078217_A_saliva.metaspades.bin.41	1	0	1	0	0
R0170300253_tooth_RAH.megahit.bin.118	0.8	0	1	0	0
R0170300229_tooth_RA.megahit.bin.46	0.8	0	1	0	0
R0170300303_tooth_RAH.megahit.bin.144	0.8	0	1	0	0
SZAXPI018190-56_RA_dental.metaspades.bin.44	0.5	0	1	0	0
R0170300100_tooth_RA.megahit.bin.115	1	0	1	0	0
SZAXPI018277-90_RA_dental.metaspades.bin.26	0.8	0	1	0	0
RSZAXPI002316-25_RAH_dental.metaspades.bin.41	0.5	0	1	0	0
RSZAXPI002613-24_RA_dental.metaspades.bin.37	1	0	1	0	0.5
YS000587_saliva.spades.bin.10	1	0	1	0	0
RDPYD18300227_A_saliva.metaspades.bin.33	0.8	0	1	0	0
R0170300052_tooth_RA.megahit.bin.29	0.8	0	1	0	0
RSZAXPI002459-90_RAH_dental.metaspades.bin.59	0.8	0	1	0	0
R0170300251_tooth_RAH.megahit.bin.7	1	0	1	0	0.5
SZAXPI018291-142_RA_dental.metaspades.bin.25	0.8	0	1	0	0
RDPYD18097648_A_saliva.metaspades.bin.17	1	0	1	0	0
GCA_017460305.1_ASM1746030v1	0.8	1	0	0	1
RSZAXPI002636-95_RA_dental.metaspades.bin.22	1	0	1	0	0.5
R0170300102_tooth_RA.megahit.bin.26	1	0	1	0	0.5
RSZYD18078076_A_saliva.metaspades.bin.41	1	0	1	0	0
RSZYD18187852_A_saliva.metaspades.bin.38	1	0	1	0	0
R0170300187_tooth_RA.megahit.bin.57	0.8	0	1	0	0
YS000209_saliva.spades.bin.15	1	0	1	0	0
SZAXPI018322-24_RA_dental.metaspades.bin.44	0.9	0	1	0	0
RSZAXPI002455-75_RAH_dental.metaspades.bin.33	0.8	0	1	0	0
RSZYD18078703_A_saliva.metaspades.bin.8	1	0	1	0	0
RSZYD18078202_A_saliva.metaspades.bin.4	1	0	1	0	0
SZAXPI018283-109_RA_dental.metaspades.bin.24	1	0	1	0	0
R0170300242_tooth_RAH.megahit.bin.82	0.8	0	1	0	0
RSZAXPI002308-17_RAH_dental.metaspades.bin.47	0.8	0	1	0	0
RSZAXPI002322-34_RAH_dental.metaspades.bin.14	0.8	0	1	0	0
RSZAXPI002460-93_2_RAH_saliva.metaspades.bin.17	1	0	1	0	0
RDPYD18189957_A_saliva.metaspades.bin.89	1	0	1	0	0
SZAXPI018177-33_RA_dental.metaspades.bin.61	1	0	1	0	0.5
RSZYD18078741_A_saliva.metaspades.bin.48	1	0	1	0	0
GCA_017437945.1_ASM1743794v1	1	1	0	0	1
GCA_024682595.1_ASM2468259v1	1	1	0	0	1
R0170300196_tooth_RA.megahit.bin.46	0.5	0	1	0	0.5
GCA_009992235.1_ASM999223v1	0.4	0	1	0	0.5
SZAXPI018092-13_RA_dental.metaspades.bin.61	1	0	1	0	0
YS000438_saliva.spades.bin.9	1	0	1	0	0
RDPYD18088830_A_saliva.metaspades.bin.38	1	0	1	0	0
RSZYD18078400_A_saliva.metaspades.bin.68	1	0	1	0	0
RSZYD18078343_A_saliva.metaspades.bin.21	1	0	1	0	0
R0170300120_tooth_RA.megahit.bin.28	0.6	0	1	0	0.5
RSZYD18187344_A_saliva.metaspades.bin.34	1	0	1	0	0
YS000034_saliva.spades.bin.2	1	0	1	0	0
RSZYD18078125_A_saliva.metaspades.bin.19	1	0	1	0	0
RSZYD18187514_A_saliva.metaspades.bin.23	1	0	1	0	0
RSZYD18187110_A_saliva.metaspades.bin.14	1	0	1	0	0
YS000360_saliva.spades.bin.8	1	0	1	0	0
RDPYD18097660_A_saliva.metaspades.bin.29	1	0	1	0	0
RSZYD18187762_A_saliva.metaspades.bin.45	1	0	1	0	0
RSZYD18187760_A_saliva.metaspades.bin.26	1	0	1	0	0
GCA_017552385.1_ASM1755238v1	0.8	1	0	0	0.5
GCA_020428435.1_ASM2042843v1	0.7	0	1	0	0
R0170300145_tooth_RA.megahit.bin.44	0.8	0	1	0	0
R0170300092_tooth_RA.megahit.bin.69	1	0	1	0	0.5
GCA_903832815.1_freshwater_MAG_---_AM-lipid-01-D1_bin-110	0.6	0	1	1	0
GCA_903821315.1_freshwater_MAG_---_AM-lipid-01-D2_bin-004	0.6	0	1	1	0
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074	0.6	0	1	1	0
GCA_903859365.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0353	0.6	0	1	1	0
GCA_021404905.1_ASM2140490v1	0.8	0	1	0	0
RDPYD18201644_A_saliva.metaspades.bin.16	1	0	1	0	0
RSZYD18187591_A_saliva.metaspades.bin.33	1	0	1	0	0
RSZYD18078695_A_saliva.metaspades.bin.45	1	0	1	0	0
GCA_905370345.1_DRR046104-mag-bin.8	1	0	1	0	0
YS000324_saliva.spades.bin.7	1	0	1	0	0
RSZYD18078691_A_saliva.metaspades.bin.32	1	0	1	0	0
R0170300146_tooth_RA.megahit.bin.4	0.8	0	1	0	0
R0170300144_tooth_RA.megahit.bin.121	0.8	0	1	0	0
RSZAXPI002620-35_RA_dental.metaspades.bin.12	0.8	0	1	0	0.5
RSZYD18078134_A_saliva.metaspades.bin.52	1	0	1	0	0
RSZYD18078181_A_saliva.metaspades.bin.10	1	0	1	0	0
GCA_002788895.1_ASM278889v1	0.3	0	1	0	0.5
GCA_013099015.1_ASM1309901v1	1	0	1	0	0.5

SZAXPI018309-166_RA_dental.metaspades.bin.21	0.9	0	1	0	0
R0170300271_tooth_RAH.megahit.bin.21	0.8	0	1	0	0
RDPYD18099019_A_saliva.metaspades.bin.28	1	0	1	0	0
RSZAXPI002637-96_RA_dental.metaspades.bin.23	0.8	0	1	0	0
R0170300291_tooth_RAH.megahit.bin.75	0.8	0	1	0	0
SZAXPI018392-31_RA_saliva.metaspades.bin.11	1	0	1	0	0
GCA_002421965.1_ASM242196v1	1	0	1	0	0
RSZAXPI002469-104_2_RAH_saliva.metaspades.bin.11	1	0	1	0	0
RSZYD18187234_A_saliva.metaspades.bin.73	1	0	1	0	0
R0170300252_tooth_RAH.megahit.bin.31	0.8	0	1	0	0
GCA_017536895.1_ASM1753689v1	1	1	0	0	1
R0170300151_tooth_RA.megahit.bin.58	0.9	0	1	0	0.5
RSZAXPI002617-32_RA_dental.metaspades.bin.20	0.8	0	1	0	0
R0170300156_tooth_RA.megahit.bin.76	0.8	0	1	0	0
RSZYD18078725_A_saliva.metaspades.bin.23	1	0	1	0	0
RDPYD18300150_A_saliva.metaspades.bin.6	1	0	1	0	0
SZAXPI018191-57_RA_dental.metaspades.bin.69	0.8	0	1	0	0
RSZYD18078673_A_saliva.metaspades.bin.3	1	0	1	0	0
RSZYD18187520_A_saliva.metaspades.bin.22	1	0	1	0	0
GCA_017941835.1_ASM1794183v1	0.8	1	0	0	1
R0170300301_tooth_RAH.megahit.bin.99	0.9	0	1	0	0
YS000456_saliva.spades.bin.18	1	0	1	0	0
YS000546_saliva.spades.bin.3	1	0	1	0	0
RDPYD18201832_A_saliva.metaspades.bin.52	1	0	1	0	0
RSZYD18187400_A_saliva.metaspades.bin.89	0.9	0	1	0	0.5
R0170300151_tooth_RA.megahit.bin.21	0.8	0	1	0	0
R0170300147_tooth_RA.megahit.bin.4	0.6	0	1	0	0.5
R0170300077_tooth_RA.megahit.bin.6	0.8	0	1	0	0
GCA_017406405.1_ASM1740640v1	0.8	1	0	0	0.5
RSZYD18187120_A_saliva.metaspades.bin.19	1	0	0	0	1
R0170300189_tooth_RA.megahit.bin.1	0.6	0	1	0	0.5
R0170300219_tooth_RA.megahit.bin.2	0.8	0	1	0	0
GCA_027326965.1_ASM2732696v1	0.6	0	1	1	0
RSZYD18187216_A_saliva.metaspades.bin.102	1	0	1	0	0
GCA_020428105.1_ASM2042810v1	0.6	0	1	1	0
R0170300110_tooth_RA.megahit.bin.64	0.8	0	1	0	0
YS000073_saliva.spades.bin.20	1	0	0	0	0
GCA_004138385.1_ASM413838v1	0.9	0	1	0	0.5
RSZYD18078161_A_saliva.metaspades.bin.1	0.8	0	1	0	0
R0170300137_tooth_RA.megahit.bin.10	0.8	0	1	0	0
GCA_017515105.1_ASM1751510v1	1	1	0	0	1
RDPYD18189867_A_saliva.metaspades.bin.12	1	0	1	0	0
GCA_027492535.1_ASM2749253v1	0.7	0	1	0	0
R0170300104_tooth_RA.megahit.bin.11	0.4	0	1	0	0.5
RDPYD18189925_A_saliva.metaspades.bin.14	1	0	1	0	0
GCA_022819385.1_ASM2281938v1	1	0	1	0	0
RDPYD18300017_A_saliva.metaspades.bin.20	1	0	1	0	0
GCA_022828325.1_ASM2282832v1	1	0	1	0	0
GCA_004138395.1_ASM413839v1	1	1	0	0	1
YS000918_saliva.spades.bin.33	1	0	1	0	0
RSZYD18078490_A_saliva.metaspades.bin.38	1	0	1	0	0
RDPYD18189874_A_saliva.metaspades.bin.36	1	0	1	0	0
YS000305_saliva.spades.bin.4	1	0	1	0	0
RDPYD18300036_A_saliva.metaspades.bin.65	1	0	1	0	0
RSZYD18187166_A_saliva.metaspades.bin.15	1	0	1	0	0
YS000651_saliva.spades.bin.17	1	0	1	0	0
SZAXPI018280-95_RA_dental.metaspades.bin.36	0.9	0	1	0	0.5
R0170300213_tooth_RA.megahit.bin.30	0.9	0	1	0	0.5
RSZAXPI002311-20_RAH_dental.metaspades.bin.69	0.8	0	1	0	0
RSZAXPI002620-35_RA_dental.metaspades.bin.1	1	0	1	0	0
R0170300321_tooth_RAH.megahit.bin.33	0.9	0	1	0	0.5
R0170300257_tooth_RAH.megahit.bin.65	0.9	0	1	0	0
R0170300197_tooth_RA.megahit.bin.71	1	0	1	0	0
RSZYD18078593_A_saliva.metaspades.bin.35	1	0	1	0	0
R0170300240_tooth_RAH.megahit.bin.61	0.8	0	1	0	0
R0170300107_tooth_RA.megahit.bin.2	0.8	0	1	0	0.5
RSZAXPI002636-95_RA_dental.metaspades.bin.30	0.6	0	1	0	0
YS000275_saliva.spades.bin.17	0.9	0	1	0	0
R0170300178_tooth_RA.megahit.bin.65	0.9	0	1	0	0
RSZYD18187773_A_saliva.metaspades.bin.68	1	0	1	0	0
RSZYD18078212_A_saliva.metaspades.bin.24	0.7	0	1	0	0
GCA_946406315.1_SRR12081301_bin.45_metaWRAP_v1.3_MAG	1	0	0	0	1
RSZYD18078466_A_saliva.metaspades.bin.3	1	0	1	0	0
R0170300297_tooth_RAH.megahit.bin.78	0.8	0	1	0	0
SZAXPI018189-47_RA_dental.metaspades.bin.68	0.8	0	1	0	0
RDPYD18098770_A_saliva.metaspades.bin.53	1	0	1	0	0
YS000142_saliva.spades.bin.13	1	0	1	0	0
RSZYD18187920_A_saliva.metaspades.bin.29	1	0	1	0	0

RSZYD18078307_A_saliva.metaspades.bin.33	1	0	1	0	0
SZAXPI018101-22_RA_dental.metaspades.bin.22	0.8	0	1	0	0
RSZAXPI002653-13_RA_saliva.metaspades.bin.41	0.6	0	1	0	0.5
GCA_947303945.1_SRR10912540_bin.27_metaWRAP_v1.3_MAG	1	0	0	0	1
RSZYD18187715_A_saliva.metaspades.bin.33	1	0	1	0	0
YS000678_saliva.spades.bin.12	1	0	1	0	0
GCA_022736555.1_ASM2273655v1	0.4	0	1	0	0.5
GCA_027426675.1_ASM2742667v1	0.6	0	1	0	0
GCA_027426815.1_ASM2742681v1	0.5	0	1	1	0.5
ERR2764806.metaspades.bin.18	1	0	1	0	0
R0170300221_tooth_RA.megahit.bin.10	0.8	0	1	0	0
RDPYD18300101_A_saliva.metaspades.bin.29	1	0	1	0	0
GCA_946408595.1_SRR12081297_bin.13_metaWRAP_v1.3_MAG	1	1	0	0	1
RDPYD18189932_A_saliva.metaspades.bin.10	1	0	1	0	0
RSZYD18078015_A_saliva.metaspades.bin.19	1	0	1	0	0
R0170300293_tooth_RAH.megahit.bin.118	0.8	0	1	0	0
RDPYD18189914_A_saliva.metaspades.bin.11	1	0	1	0	0
RSZAXPI002650-142_RA_saliva.metaspades.bin.28	0.6	0	1	0	0.5
RSZAXPI002458-89_RAH_dental.metaspades.bin.11	0.8	0	1	0	0
GCA_946409605.1_SRR12081300_bin.39_metaWRAP_v1.3_MAG	1	1	0	0	1
RSZYD18187466_A_saliva.metaspades.bin.39	0.8	0	1	0	0
GCA_007120515.1_ASM712051v1	1	0	1	0	0
R0170300115_tooth_RA.megahit.bin.16	0.8	0	1	0	0
RDPYD18097619_A_saliva.metaspades.bin.8	1	0	1	0	0
RDPYD18300066_A_saliva.metaspades.bin.10	1	0	1	0	0
RSZYD18078104_A_saliva.metaspades.bin.107	1	0	1	0	0
RDPYD18300192_A_saliva.metaspades.bin.52	0.6	0	1	0	0.5
R0170300323_tooth_RAH.megahit.bin.84	0.8	0	1	0	0
GCA_947303265.1_SRR10912539_bin.36_metaWRAP_v1.3_MAG	1	1	0	0	1
R0170300327_tooth_RA.megahit.bin.68	0.8	0	1	0	0
GCA_946619905.1_SRR873600_bin.141_metaWRAP_v1.3_MAG	0.8	1	0	0	1
GCA_007127855.1_ASM712785v1	1	0	1	0	0
R0170300137_tooth_RA.megahit.bin.43	0.2	0	1	0	0.5
R0170300073_tooth_RA.megahit.bin.46	0.8	0	1	0	0
GCA_905371595.1_SRR9217384-mag-bin.1	0.8	0	1	0	0.5
R0170300306_tooth_RAH.megahit.bin.34	1	0	1	0	0.5
GCA_903937695.1_freshwater_MAG_---_Loc090907-1m_bin-354	0.5	0	1	0	0
R0170300156_tooth_RA.megahit.bin.91	0.8	0	1	0	0
GCA_947366925.1_SRR15322611_bin.1_metawrap_v1.3_MAG	1	0	0	0	1
GCA_947089645.1_SRR14038237_bin.40_metawrap_v1.3_MAG	1	0	0	0	1
GCA_947059195.1_ERR9465699_bin.49_metawrap_v1.3_MAG	1	0	0	0	1
RSZYD18078361_A_saliva.metaspades.bin.38	1	0	1	0	0
RDPYD18189869_A_saliva.metaspades.bin.73	1	0	1	0	0
RSZAXPI002309-18_RAH_dental.metaspades.bin.28	0.8	0	1	0	0
GCA_017460225.1_ASM1746022v1	1	1	0	0	0.5
SZAXPI018286-123_RA_dental.metaspades.bin.12	0.9	0	1	0	0.5
RSZAXPI002637-96_RA_dental.metaspades.bin.5	1	0	1	0	0.5
RSZYD18078020_A_saliva.metaspades.bin.9	1	0	1	0	0
R0170300105_tooth_RA.megahit.bin.119	0.8	0	1	0	0
SZAXPI018171-25_1_RA_dental.metaspades.bin.52	1	0	1	0	0
RSZYD18078354_A_saliva.metaspades.bin.16	1	0	1	0	0
RSZYD18078697_A_saliva.metaspades.bin.17	1	0	1	0	0
YS000231_saliva.spades.bin.18	1	0	1	0	0
RSZYD18078087_A_saliva.metaspades.bin.33	1	0	1	0	0
RSZYD18187345_A_saliva.metaspades.bin.42	1	0	1	0	0
RSZYD18187862_A_saliva.metaspades.bin.43	1	0	1	0	0
RDPYD18300312_A_saliva.metaspades.bin.31	1	0	1	0	0
YS000416_saliva.spades.bin.11	1	0	1	0	0
RDPYD18098875_A_saliva.metaspades.bin.44	1	0	1	0	0
GCA_016283505.1_ASM1628350v1	0.8	1	0	0	1
GCA_017541245.1_ASM1754124v1	0.8	1	0	0	1
GCA_947429035.1_SRR19981115_bin.12_metawrap_v1.3_MAG	1	0	0	0	0.5
GCA_947384105.1_ERR6760075_bin.53_metawrap_v1.3_MAG	1	0	0	0	0.5
SZAXPI018096-17_RA_dental.metaspades.bin.34	0.8	0	1	0	0
RSZYD18078473_A_saliva.metaspades.bin.18	1	0	1	0	0
RSZYD18078648_A_saliva.metaspades.bin.16	1	0	1	0	0
RSZYD18078140_A_saliva.metaspades.bin.44	1	0	0	0	1
RSZAXPI002316-25_RAH_dental.metaspades.bin.26	0.9	0	1	0	0.5
RSZYD18187281_A_saliva.metaspades.bin.17	1	0	1	0	0
SZAXPI018312-14_RA_dental.metaspades.bin.87	0.8	0	1	0	0
GCA_014377345.1_ASM1437734v1	0.6	0	1	1	0
GCA_017403895.1_ASM1740389v1	1	1	0	0	0.5
SZAXPI018176-32_RA_dental.metaspades.bin.12	0.9	0	1	0	0.5
RSZYD18078152_A_saliva.metaspades.bin.41	1	0	1	0	0
R0170300153_tooth_RA.megahit.bin.106	0.8	0	1	0	0
GCA_017511925.1_ASM1751192v1	1	1	0	0	1
R0170300124_tooth_RA.megahit.bin.51	0.6	0	1	0	0.5
GCA_947165465.1_SRR8387716_bin.80_metaWRAP_v1.3_MAG	0.8	1	0	0	1

RSZYD18187064_A_saliva.metaspades.bin.52	1	0	1	0	0
YS000135_saliva.spades.bin.9	1	0	1	0	0
RSZYD18187425_A_saliva.metaspades.bin.18	1	0	1	0	0
GCA_015257575.1_ASM1525757v1	0.8	0	1	0	0
GCA_017404935.1_ASM1740493v1	1	1	0	0	1
SZAXPI018286-123_RA_dental.metaspades.bin.63	0.8	0	1	0	0
SZAXPI018184-41_RA_dental.metaspades.bin.37	0.6	0	1	0	0.5
GCA_947165975.1_SRR8387714_bin.97_metaWRAP_v1.3_MAG	1	1	0	0	1
GCA_017406565.1_ASM1740656v1	1	1	0	0	1
RSZAXPI002325-39_RAH_dental.metaspades.bin.28	1	0	1	0	0.5
SRR6748158.metaspades.bin.2	1	0	1	0	0
R0170300181_tooth_RA.megahit.bin.88	0.8	0	1	0	0
SRR6748223.metaspades.bin.14	1	0	1	0	0
YS000166_saliva.spades.bin.9	1	0	1	0	0
GCA_947095985.1_SRR8786266_bin.1_metaWRAP_v1.3_MAG	1	0	1	0	0
SZAXPI018484-16_RA_saliva.metaspades.bin.48	1	0	1	0	0
R0170300195_tooth_RA.megahit.bin.89	0.8	0	1	0	0
R0170300268_tooth_RAH.megahit.bin.104	0.8	0	1	0	0
GCA_905373835.1_SRR9217492-mag-bin.7	0.6	0	1	0	0.5
R0170300274_tooth_RAH.megahit.bin.17	0.8	0	1	0	0
YS000374_saliva.spades.bin.11	1	0	1	0	0
R0170300102_tooth_RA.megahit.bin.20	0.9	0	1	0	0.5
R0170300050_tooth_RA.megahit.bin.47	0.8	0	1	0	0
RSZYD18187065_A_saliva.metaspades.bin.38	1	0	1	0	0
R0170300381_saliva_RAH.megahit.bin.27	1	0	1	0	0
RSZYD18078315_A_saliva.metaspades.bin.18	0.8	0	1	0	0
RDPYD18201650_A_saliva.metaspades.bin.5	1	0	1	0	0
GCA_017459705.1_ASM1745970v1	1	1	0	0	1
SZAXPI011699-166_RA_dental.metaspades.bin.38	0.8	0	1	0	0
R0170300222_tooth_RA.megahit.bin.94	0.6	0	1	0	0.5
R0170300256_tooth_RAH.megahit.bin.10	0.9	0	1	0	0.5
GCA_017510845.1_ASM1751084v1	1	0	0	0	0.5
SZAXPI018103-24_RA_dental.metaspades.bin.52	0.8	0	1	0	0
GCA_946222005.1_ZZEVbxAAOO_bin.25.MAG	0.6	0	1	0	0.5
R0170300390_saliva_RAH.megahit.bin.85	1	0	1	0	0
SZAXPI018189-47_RA_dental.metaspades.bin.40	0.9	0	1	0	0.5
RSZYD18187853_A_saliva.metaspades.bin.37	1	0	1	0	0
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG	1	0	0	0	1
R0170300298_tooth_RAH.megahit.bin.8	0.8	0	1	0	0
R0170300251_tooth_RAH.megahit.bin.31	0.8	0	1	0	0
SZAXPI018180-36_RA_dental.metaspades.bin.4	0.9	0	1	0	0.5
YS000227_saliva.spades.bin.28	1	0	1	0	0
SRR6748162.metaspades.bin.9	1	0	1	0	0
RSZYD18187015_A_saliva.metaspades.bin.20	1	0	1	0	0
RDPYD18088800_A_saliva.metaspades.bin.38	1	0	1	0	0
RSZYD18187389_A_saliva.metaspades.bin.6	1	0	1	0	0
RDPYD18189848_A_saliva.metaspades.bin.20	1	0	1	0	0
GCA_946548715.1_SRR1222429_bin.13_metaWRAP_v1.3_MAG	1	1	0	0	1
R0170300114_tooth_RA.megahit.bin.56	0.4	0	1	0	0.5
R0170300272_tooth_RAH.megahit.bin.12	0.8	0	1	0	0
R0170300092_tooth_RA.megahit.bin.66	0.8	0	1	0	0
GCA_946561855.1_SRR19792994_bin.70_metawrap_v1.3_MAG	1	0	0	0	0.5
GCA_947569885.1_SRR15604579_bin.36_metawrap_v1.3_MAG	1	0	0	0	1
R0170300170_tooth_RA.megahit.bin.155	0.6	0	1	0	0.5
RSZYD18187669_A_saliva.metaspades.bin.34	1	0	1	0	0
GCA_017404515.1_ASM1740451v1	1	0	0	0	1
R0170300296_tooth_RAH.megahit.bin.125	0.8	0	1	0	0
R0170300213_tooth_RA.megahit.bin.95	0.8	0	1	0	0
R0170300289_tooth_RAH.megahit.bin.36	0.8	0	1	0	0
GCA_947389435.1_SRR15214583_bin.47_metawrap_v1.3_MAG	1	0	0	0	1
GCA_947427335.1_SRR18439536_bin.19_metawrap_v1.3_MAG	1	0	0	0	1
RSZYD18078147_A_saliva.metaspades.bin.23	1	0	1	0	0
GCA_017459845.1_ASM1745984v1	1	1	0	0	0.5
RSZYD18078550_A_saliva.metaspades.bin.59	1	0	1	0	0
SZAXPI018272-74_RA_dental.metaspades.bin.18	0.8	0	1	0	0
R0170300118_tooth_RA.megahit.bin.3	0.8	0	1	0	0
YS000625_saliva.spades.bin.29	1	0	1	0	0
SRR8114077.metaspades.bin.2	1	0	1	0	0
SRR8114076.metaspades.bin.27	1	0	1	0	0
RDPYD18097621_A_saliva.metaspades.bin.14	1	0	1	0	0
YS000214_saliva.spades.bin.5	1	0	1	0	0
R0170300175_tooth_RA.megahit.bin.20	0.8	0	1	0	0
SZAXPI018317-19_RA_dental.metaspades.bin.4	0.8	0	1	0	0
GCA_947171955.1_SRR14862904_bin.27_metawrap_v1.3_MAG	1	0	0	0	0.5
YS000535_saliva.spades.bin.35	0.9	0	1	0	0
RDPYD18098768_A_saliva.metaspades.bin.59	1	0	0	0	0
GCA_024330325.1_ASM2433032v1	1	0	1	0	0
GCA_017531585.1_ASM1753158v1	1	0	0	0	1

RSZAXPI002675-22_RA_dental.metaspades.bin.61	0.6	0	1	0	0.5
R0170300157_tooth_RA.megahit.bin.55	1	0	1	0	0.5
RSZAXPI002331-56_RAH_dental.metaspades.bin.3	0.9	0	1	0	0.5
RSZYD18078773_A_saliva.metaspades.bin.71	1	0	1	0	0
YS000122_saliva.spades.bin.4	1	0	1	0	0
RDPYD18189916_A_saliva.metaspades.bin.45	1	0	1	0	0
GCA_017431955.1_ASM1743195v1	1	0	0	0	0.5
YS001151_saliva.spades.bin.14	1	0	1	0	0
GCA_016196105.1_ASM1619610v1	0.6	0	1	1	0
GCA_016178135.1_ASM1617813v1	0.6	0	1	1	0
R0170300065_tooth_RA.megahit.bin.81	0.9	0	1	0	0.5
GCA_905372785.1_SRR9217428-mag-bin.23	0.8	0	1	0	0
R0170300298_tooth_RAH.megahit.bin.126	0.8	0	1	0	0
YS000545_saliva.spades.bin.26	1	0	1	0	0
SZAXPI018318-20_RA_dental.metaspades.bin.6	0.6	0	1	0	0.5
R0170300270_tooth_RAH.megahit.bin.24	0.8	0	1	0	0
RDPYD18189868_A_saliva.metaspades.bin.61	1	0	1	0	0
GCA_014191035.1_ASM1419103v1	0.8	0	0	0	0
YS000473_saliva.spades.bin.3	1	0	1	0	0
RSZYD18187911_A_saliva.metaspades.bin.37	1	0	1	0	0
GCA_017514025.1_ASM1751402v1	1	1	0	0	1
SZAXPI018277-90_RA_dental.metaspades.bin.45	0.9	0	1	0	0.5
RDPYD18099149_A_tongue.metaspades.bin.20	1	0	1	0	0
GCA_023259925.1_ASM2325992v1	0.4	0	1	1	0
YS000410_saliva.spades.bin.12	0.8	0	1	0	0
GCA_024699125.1_ASM2469912v1	1	1	0	0	0.5
GCA_947168545.1_SRR8387715_bin.82_metaWRAP_v1.3_MAG	1	1	0	0	0.5
RSZYD18078042_A_saliva.metaspades.bin.39	0.6	0	1	0	0.5
GCA_027345405.1_ASM2734540v1	0.8	0	1	1	0.5
R0170300334_saliva_RA.megahit.bin.69	1	0	1	0	0
RSZYD18187916_A_saliva.metaspades.bin.50	1	0	1	0	0
GCA_017432025.1_ASM1743202v1	0.8	1	0	0	1
RDPYD18300275_A_saliva.metaspades.bin.16	1	0	1	0	0
YS000273_saliva.spades.bin.9	1	0	1	0	0
RSZYD18078153_A_saliva.metaspades.bin.25	1	0	1	0	0
RDPYD18201598_A_saliva.metaspades.bin.37	1	0	1	0	0
GCA_017545505.1_ASM1754550v1	1	1	0	0	1
GCA_017619315.1_ASM1761931v1	1	1	0	0	1
R0170300250_tooth_RAH.megahit.bin.53	0.8	0	1	0	0
R0170300244_tooth_RAH.megahit.bin.80	0.8	0	1	0	0
R0170300158_tooth_RA.megahit.bin.24	0.8	0	1	0	0
YS000391_saliva.spades.bin.1	0.8	0	1	0	0
SZAXPI018493-25_RA_saliva.metaspades.bin.44	1	0	0	0	1
GCA_016286785.1_ASM1628678v1	1	1	0	0	1
RDPYD18098839_A_saliva.metaspades.bin.19	1	0	1	0	0
RDPYD18098859_A_saliva.metaspades.bin.8	1	0	1	0	0
RSZYD18187004_A_saliva.metaspades.bin.5	0.9	0	1	0	0
SZAXPI018275-88_RA_dental.metaspades.bin.49	0.8	0	1	0	0
RDPYD18189836_A_saliva.metaspades.bin.24	1	0	1	0	0
GCA_017432105.1_ASM1743210v1	1	1	0	0	1
GCA_017512045.1_ASM1751204v1	1	0	0	0	0.5
GCA_014377525.1_ASM1437752v1	0.8	0	1	1	0
SZAXPI018291-142_RA_dental.metaspades.bin.37	0.4	0	1	0	0.5
YS001132_saliva.spades.bin.25	0.9	0	1	0	0
GCA_027427055.1_ASM2742705v1	0.6	0	1	1	0
GCA_017482785.1_ASM1748278v1	1	1	0	0	0.5
RSZAXPI002609-25_RA_dental.metaspades.bin.46	0.8	0	1	0	0
RSZYD18078796_A_saliva.metaspades.bin.47	1	0	1	0	0
RSZYD18187306_A_saliva.metaspades.bin.13	1	0	1	0	0
GCA_947388865.1_SRR15214599_bin.4_metawrap_v1.3_MAG	1	0	0	0	1
GCA_947304395.1_SRR10912535_bin.78_metaWRAP_v1.3_MAG	0.8	1	0	0	1
RDPYD18189853_A_saliva.metaspades.bin.43	1	0	1	0	0
YS000463_saliva.spades.bin.2	1	0	1	0	0
GCA_013694995.1_ASM1369499v1	0.6	0	1	1	0
SZAXPI018271-62_RA_dental.metaspades.bin.3	1	0	1	0	0
RSZYD18187640_A_saliva.metaspades.bin.22	1	0	1	0	0
GCA_017406595.1_ASM1740659v1	1	1	0	0	1
GCA_017432225.1_ASM1743222v1	1	1	0	0	1
R0170300160_tooth_RA.megahit.bin.83	0.4	0	1	0	0.5
GCA_947246665.1_SRR14920969_bin.19_metawrap_v1.3_MAG	1	0	0	0	1
GCA_002337095.1_ASM233709v1	0.5	0	1	0	0.5
GCA_017652765.1_ASM1765276v1	1	1	0	0	1
RSZYD18078630_A_saliva.metaspades.bin.13	1	0	1	0	0
GCA_017515285.1_ASM1751528v1	1	0	0	0	0.5
YS000348_saliva.spades.bin.15	1	0	1	0	0
R0170300159_tooth_RA.megahit.bin.123	0.8	0	1	0	0
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG	1	0	0	0	1
RSZYD18187841_A_saliva.metaspades.bin.58	1	0	1	0	0

RSZYD18078301_A_saliva.metaspades.bin.16	1	0	1	0	0
GCA_015257495.1_ASM1525749v1	1	0	1	0	0
RDPYD18088983_A_saliva.metaspades.bin.11	1	0	1	0	0
RDPYD18189889_A_saliva.metaspades.bin.54	1	0	1	0	0
R0170300071_tooth_RA.megahit.bin.81	0.5	0	1	0	0
R0170300135_tooth_RA.megahit.bin.82	0.6	0	1	0	0.5
YS000025_saliva.spades.bin.20	1	0	1	0	0
RSZYD18187301_A_saliva.metaspades.bin.29	1	0	1	0	0
RSZAXPI002657-17_RA_dental.metaspades.bin.42	0.9	0	1	0	0.5
YS000883_saliva.spades.bin.12	1	0	1	0	0
YS000394_saliva.spades.bin.25	1	0	1	0	0
RSZAXPI002641-101_RA_dental.metaspades.bin.62	0.9	0	1	0	0
GCA_025449905.1_ASM2544990v1	0.6	0	1	0	0
R0170300210_tooth_RA.megahit.bin.1	0.8	0	1	0	0
YS000906_saliva.spades.bin.34	0.8	0	1	0	0
GCA_013816445.1_ASM1381644v1	0.6	0	1	0	0
R0170300279_tooth_RAH.megahit.bin.27	0.8	0	1	0	0
R0170300203_tooth_RA.megahit.bin.94	0.4	0	1	0	0.5
GCA_017613135.1_ASM1761313v1	1	1	0	0	1
GCA_017510385.1_ASM1751038v1	1	0	0	0	1
SZAXPI018187-45_RA_dental.metaspades.bin.28	0.6	0	1	0	0.5
SZAXPI018317-19_RA_dental.metaspades.bin.69	1	0	0	0	0
R0170300277_tooth_RAH.megahit.bin.101	0.8	0	1	0	0
RSZAXPI002682-32_RA_saliva.metaspades.bin.12	1	0	1	0	0
RSZYD18187427_A_saliva.metaspades.bin.75	1	0	1	0	0
YS000165_saliva.spades.bin.32	1	0	1	0	0
R0170300255_tooth_RAH.megahit.bin.83	0.8	0	1	0	0
R0170300148_tooth_RA.megahit.bin.4	0.8	0	1	0	0
YS000371_saliva.spades.bin.7	1	0	1	0	0
RSZYD18078102_A_saliva.metaspades.bin.17	1	0	1	0	0
RDPYD18189913_A_saliva.metaspades.bin.17	1	0	1	0	0
GCA_024697865.1_ASM2469786v1	1	1	1	0	0.5
R0170300202_tooth_RA.megahit.bin.65	1	0	1	0	1
RSZYD18078483_A_saliva.metaspades.bin.4	1	0	1	0	0
GCA_017506895.1_ASM1750689v1	1	1	0	0	1
RDPYD18300291_A_saliva.metaspades.bin.51	1	0	1	0	0
RDPYD18189907_A_saliva.metaspades.bin.26	1	0	1	0	0
YS000553_saliva.spades.bin.6	1	0	1	0	0
R0170300136_tooth_RA.megahit.bin.7	0.8	0	1	0	0
GCA_946408075.1_SRR12081296_bin.6_metaWRAP_v1.3_MAG	1	1	0	0	0.5
GCA_947367795.1_SRR15431173_bin.17_metawrap_v1.3_MAG	1	0	0	0	1
GCA_025934715.1_ASM2593471v1	0.4	0	1	1	0
GCA_017431945.1_ASM1743194v1	1	1	0	0	1
RSZYD18187457_A_saliva.metaspades.bin.42	1	0	1	0	0
GCA_947066265.1_ERR899284_bin.41_metawrap_v1.3_MAG	1	0	0	0	1
YS000007_saliva.spades.bin.7	0.9	0	1	0	0
GCA_905372495.1_SRR9217423-mag-bin.7	1	0	0	0	1
SRR8114034.metaspades.bin.21	1	0	1	0	0
R0170300139_tooth_RA.megahit.bin.99	0.8	0	1	0	0
R0170300204_tooth_RA.megahit.bin.65	0.9	0	1	0	0
R0170300272_tooth_RAH.megahit.bin.25	0.8	0	1	0	0
GCA_027311865.1_ASM2731186v1	0.6	0	1	0	0.5
RDPYD18075171_A_saliva.metaspades.bin.8	1	0	1	0	0
GCA_013333645.2_ASM1333364v2	0.6	0	1	0	0.5
GCA_947362105.1_SRR15194760_bin.16_metawrap_v1.3_MAG	1	0	0	0	1
RSZYD18187169_A_saliva.metaspades.bin.33	1	0	1	0	0
RSZYD18187500_A_saliva.metaspades.bin.18	1	0	1	0	0
GCA_016280905.1_ASM1628090v1	1	1	0	0	1
R0170300273_tooth_RAH.megahit.bin.122	0.8	0	1	0	0
R0170300265_tooth_RAH.megahit.bin.69	0.8	0	1	0	0
GCA_017515785.1_ASM1751578v1	1	1	0	0	0.5
GCA_007845265.1_ASM784526v1	1	0	1	0	0
RDPYD18101881_A_saliva.metaspades.bin.12	0.8	0	1	0	0
R0170300208_tooth_RA.megahit.bin.73	0.8	0	1	0	0
RSZAXPI002653-13_RA_saliva.metaspades.bin.70	1	0	1	0	0
GCA_947648615.1_SRR15633991_bin.36_metawrap_v1.3_MAG	1	0	0	0	1
YS000057_saliva.spades.bin.9	0.8	0	1	0	0
GCA_002839415.1_ASM283941v1	0.9	0	1	0	0.5
RSZYD18187358_A_saliva.metaspades.bin.22	1	0	1	0	0
GCA_903837875.1_freshwater_MAG_---_Umea_bin-00478	0.6	0	1	0	0
GCA_946411665.1_SRR12081298_bin.32_metaWRAP_v1.3_MAG	0.8	0	0	0	1
RSZAXPI002326-41_RAH_dental.metaspades.bin.8	1	0	0	0	1
GCA_947087275.1_SRR14038240_bin.4_metawrap_v1.3_MAG	1	0	0	0	1
YS000364_saliva.spades.bin.27	1	0	1	0	0
RSZYD18187540_A_saliva.metaspades.bin.35	0.8	0	1	0	0
RSZYD18078542_A_saliva.metaspades.bin.5	1	0	1	0	0
R0170300210_tooth_RA.megahit.bin.95	0.9	0	1	0	0
GCA_017511845.1_ASM1751184v1	1	1	0	0	1

RSZYD18078746_A_saliva.metaspades.bin.2	0.8	0	1	0	0
R0170300100_tooth_RA.megahit.bin.107	0.8	0	1	0	0
R0170300294_tooth_RAH.megahit.bin.65	0.8	0	1	0	0
YS000948_saliva.spades.bin.2	0.9	0	1	0	0
GCA_017431465.1_ASM1743146v1	1	0	0	0	0.5
R0170300179_tooth_RA.megahit.bin.15	0.6	0	1	0	0.5
RDPYD18300328_A_saliva.metaspades.bin.32	1	0	1	0	0
GCA_001788555.1_ASM178855v1	0.4	0	1	0	0
R0170300299_tooth_RAH.megahit.bin.97	0.8	0	1	0	0
SZAXPI018099-20_RA_dental.metaspades.bin.40	0.8	0	1	0	0
R0170300194_tooth_RA.megahit.bin.76	0.8	0	1	0	0
R0170300176_tooth_RA.megahit.bin.97	0.8	0	1	0	0
R0170300193_tooth_RA.megahit.bin.57	0.8	0	1	0	0
R0170300259_tooth_RAH.megahit.bin.10	0.8	0	1	0	0
GCA_013333495.2_ASM1333349v2	0.8	0	1	0	0
GCA_017430785.1_ASM1743078v1	1	1	0	0	0.5
GCA_017460065.1_ASM1746006v1	1	1	0	0	1
RSZYD18078355_A_saliva.metaspades.bin.74	1	0	1	0	0
RSZYD18187914_A_saliva.metaspades.bin.1	1	0	1	0	0
R0170300300_tooth_RAH.megahit.bin.146	0.8	0	1	0	0
YS000455_saliva.spades.bin.37	1	0	1	0	0
GCA_903918245.1_freshwater_MAG_---_AM-lipid-01-D1_bin-099	0.5	0	1	1	0
RSZAXPI002318-27_RAH_dental.metaspades.bin.48	0.9	0	1	0	0.5
RSZAXPI002612-20_RA_dental.metaspades.bin.34	0.9	0	1	0	0.5
YS000871_saliva.spades.bin.22	1	0	1	0	0
R0170300265_tooth_RAH.megahit.bin.100	0.9	0	1	0	0
GCA_017557865.1_ASM1755786v1	1	1	0	0	0.5
YS000127_saliva.spades.bin.16	0.8	0	1	0	0
R0170300079_tooth_RA.megahit.bin.64	0.8	0	1	0	0
SZAXPI018288-133_RA_dental.metaspades.bin.72	0.9	0	1	0	0
R0170300136_tooth_RA.megahit.bin.76	1	0	1	0	0.5
GCA_013316435.1_ASM1331643v1	1	0	0	0	0.5
R0170300266_tooth_RAH.megahit.bin.30	0.9	0	0	0	0
YS000449_saliva.spades.bin.9	1	0	1	0	0
GCA_002371895.1_ASM237189v1	0.8	1	0	0	1
YS000740_saliva.spades.bin.23	0.8	0	1	0	0
GCA_947425245.1_SRR19981124_bin.25_metawrap_v1.3_MAG	1	0	0	0	1
R0170300323_tooth_RAH.megahit.bin.52	1	0	1	0	0.5
YS000402_saliva.spades.bin.13	0.8	0	1	0	0
RDPYD18098964_A_saliva.metaspades.bin.45	1	0	1	0	0
RSZYD18078604_A_saliva.metaspades.bin.57	1	0	1	0	0
GCA_017537745.1_ASM1753774v1	1	1	0	0	1
GCA_027459325.1_ASM2745932v1	0.5	0	1	1	0
YS000759_saliva.spades.bin.28	1	0	1	0	0
GCA_947304955.1_SRR10912542_bin.53_metaWRAP_v1.3_MAG	1	0	0	0	0.5
GCA_007845355.1_ASM784535v1	1	0	1	0	0
GCA_017510445.1_ASM1751044v1	1	1	0	0	1
GCA_027427115.1_ASM2742711v1	0.1	0	1	1	0
GCA_017432425.1_ASM1743242v1	1	0	0	0	0.5
RDPYD18300408_A_saliva.metaspades.bin.21	1	0	1	0	0
GCA_017404325.1_ASM1740432v1	1	1	0	0	1
RSZYD18078346_A_saliva.metaspades.bin.17	1	0	1	0	0
RDPYD18098882_A_saliva.metaspades.bin.1	1	0	1	0	0
SZAXPI018271-62_RA_dental.metaspades.bin.80	0.8	0	1	0	0
R0170300293_tooth_RAH.megahit.bin.36	0.9	0	1	0	0.5
YS000722_saliva.spades.bin.22	0.9	0	1	0	0
RSZAXPI002620-35_RA_dental.metaspades.bin.36	0.8	0	1	0	0
GCA_017515205.1_ASM1751520v1	1	1	0	0	1
GCA_947367495.1_SRR15429271_bin.12_metawrap_v1.3_MAG	1	0	0	0	0.5
R0170300283_tooth_RAH.megahit.bin.67	0.9	0	1	0	0
R0170300222_tooth_RA.megahit.bin.35	0.9	0	1	0	0
GCA_946414465.1_SRR12081303_bin.63_metaWRAP_v1.3_MAG	1	1	0	0	1
R0170300181_tooth_RA.megahit.bin.83	0.8	0	1	0	0
YS000685_saliva.spades.bin.9	0.9	0	1	0	0
RSZYD18078747_A_saliva.metaspades.bin.1	0.8	0	1	0	0
SZAXPI018320-22_RA_dental.metaspades.bin.15	0.8	0	1	0	0
RSZYD18187210_A_saliva.metaspades.bin.21	1	0	1	0	0
R0170300281_tooth_RAH.megahit.bin.128	0.8	0	0	0	0
GCA_017404335.1_ASM1740433v1	1	1	0	0	1
YS000296_saliva.spades.bin.5	1	0	1	0	0
YS000487_saliva.spades.bin.36	1	0	1	0	0
R0170300298_tooth_RAH.megahit.bin.124	1	0	0	0	1
R0170300204_tooth_RA.megahit.bin.78	1	0	0	0	1
R0170300269_tooth_RAH.megahit.bin.127	1	0	0	0	1
RDPYD18098900_A_saliva.metaspades.bin.51	1	0	1	0	0
RSZAXPI002311-20_RAH_dental.metaspades.bin.31	0.6	0	0	0	0
R0170300149_tooth_RA.megahit.bin.32	0.6	0	1	0	0.5
RSZAXPI002311-20_RAH_dental.metaspades.bin.6	0.5	0	1	0	0

SZAXPI018281-102_RA_dental.metaspades.bin.20	0.6	0	1	0	0.5
R0170300137_tooth_RA.megahit.bin.75	0.9	0	1	0	0
RSZAXPI002673-20_RA_dental.metaspades.bin.3	0.3	0	1	0	0
RDPYD18300371_A_saliva.metaspades.bin.29	1	0	1	0	0
R0170300280_tooth_RAH.megahit.bin.16	1	0	0	0	1
GCA_018058565.1_ASM1805856v1	1	0	0	0	0.5
RDPYD18189858_A_saliva.metaspades.bin.8	1	0	1	0	0
GCA_017545525.1_ASM1754552v1	1	1	0	0	0.5
YS001002_saliva.spades.bin.13	0.9	0	1	0	0
RDPYD18189960_A_saliva.metaspades.bin.59	0.8	0	1	0	0
R0170300283_tooth_RAH.megahit.bin.89	0.8	0	1	0	0
R0170300267_tooth_RAH.megahit.bin.31	0.8	0	1	0	0
GCA_943353165.1_RH-20apr16-349	0.6	0	1	0	0
RSZAXPI002629-81_RA_dental.metaspades.bin.76	0.4	0	1	0	0.5
GCA_947429355.1_SRR19981115_bin.23_metawrap_v1.3_MAG	1	0	0	0	1
RSZYD18187280_A_saliva.metaspades.bin.37	1	0	1	0	0
GCA_947296925.1_SRR19390379_bin.6_metawrap_v1.3_MAG	1	0	0	0	1
RSZYD18187361_A_saliva.metaspades.bin.8	0.8	0	1	0	0
YS000234_saliva.spades.bin.16	1	0	1	0	0
RDPYD18088792_A_saliva.metaspades.bin.66	1	0	1	0	0
RSZYD18187299_A_saliva.metaspades.bin.6	1	0	1	0	0
GCA_017404955.1_ASM1740495v1	1	0	0	0	1
RSZYD18187069_A_saliva.metaspades.bin.26	1	0	1	0	0
R0170300164_tooth_RA.megahit.bin.80	1	0	0	0	1
YS000547_saliva.spades.bin.14	1	0	1	0	0
R0170300062_tooth_RA.megahit.bin.61	0.6	0	1	0	0.5
SZAXPI018172-26_RA_dental.metaspades.bin.32	0.6	0	1	0	0.5
GCA_947057165.1_ERR9465706_bin.42_metawrap_v1.3_MAG	1	0	0	0	0.5
RSZAXPI002321-33_RAH_dental.metaspades.bin.17	0.8	0	1	0	0
R0170300241_tooth_RAH.megahit.bin.63	0.8	0	1	0	0
GCA_017557805.1_ASM1755780v1	1	0	0	0	1
RSZYD18078781_A_saliva.metaspades.bin.11	0.8	0	1	0	0
GCA_017434485.1_ASM1743448v1	1	0	0	0	0.5
GCA_017421325.1_ASM1742132v1	0.8	1	0	0	1
SZAXPI018277-90_RA_dental.metaspades.bin.77	1	0	0	0	1
RSZYD18187324_A_saliva.metaspades.bin.25	1	0	1	0	0
GCA_927910745.1_ERR3827327_bin.3_metaWRAP_v1.1_MAG	0.6	0	1	0	0.5
RDPYD18189898_A_saliva.metaspades.bin.76	1	0	1	0	0
SZAXPI018273-75_RA_dental.metaspades.bin.22	0.8	0	1	0	0
GCA_009783305.1_ASM978330v1	1	0	0	0	1
GCA_903828465.1_freshwater_MAG_---_Umea3_bin-2596	0.6	0	1	0	0
YS000433_saliva.spades.bin.7	1	0	1	0	0
R0170300133_tooth_RA.megahit.bin.51	0.8	0	1	0	0
R0170300309_tooth_RAH.megahit.bin.66	0.8	0	1	0	0
R0170300092_tooth_RA.megahit.bin.51	0.9	0	1	0	0.5
GCA_947068245.1_SRR12358625_bin.21_metawrap_v1.3_MAG	1	0	0	0	1
RSZYD18187203_A_saliva.metaspades.bin.7	1	0	1	0	0
SZAXPI018098-19_RA_dental.metaspades.bin.54	0.8	0	1	0	0
RDPYD18300324_A_saliva.metaspades.bin.14	1	0	1	0	0
GCA_947346675.1_SRR14629574_bin.28_metawrap_v1.3_MAG	1	0	0	0	1
GCA_947565505.1_SRR19759417_bin.86_metawrap_v1.3_MAG	0.8	0	0	0	1
YS001130_saliva.spades.bin.26	0.8	0	1	0	0
GCA_947388495.1_SRR15214593_bin.20_metawrap_v1.3_MAG	1	0	0	0	1
RDPYD18123880_A_tongue.metaspades.bin.23	1	0	0	0	1
R0170300229_tooth_RA.megahit.bin.108	1	0	0	0	1
R0170300170_tooth_RA.megahit.bin.6	1	0	0	0	1
SZAXPI018312-14_RA_dental.metaspades.bin.62	1	0	0	0	1
R0170300165_tooth_RA.megahit.bin.3	1	0	0	0	1
RDPYD18123870_A_saliva.metaspades.bin.24	1	0	0	0	1
R0170300070_tooth_RA.megahit.bin.58	1	0	0	0	1
R0170300203_tooth_RA.megahit.bin.90	1	0	0	0	1
RSZYD18078738_A_saliva.metaspades.bin.63	1	0	1	0	0
RSZYD18187460_A_saliva.metaspades.bin.2	1	0	1	0	0
GCA_947388885.1_SRR15214585_bin.22_metawrap_v1.3_MAG	1	0	0	0	0.5
GCA_016183515.1_ASM1618351v1	0.1	0	1	1	0
GCA_016234585.1_ASM1623458v1	0.4	0	1	0	0.5
GCA_002350545.1_ASM235054v1	1	1	0	0	0.5
R0170300152_tooth_RA.megahit.bin.80	0.8	0	1	0	0
RSZYD18078615_A_saliva.metaspades.bin.32	1	0	0	0	1
RDPYD18300405_A_saliva.metaspades.bin.82	0.6	0	1	0	0.5
R0170300111_tooth_RA.megahit.bin.62	0.8	0	1	0	0
R0170300110_tooth_RA.megahit.bin.88	1	0	0	0	1
R0170300235_tooth_RAH.megahit.bin.27	1	0	0	0	1
GCA_017510705.1_ASM1751070v1	1	1	0	0	1
RSZAXPI002681-31_RA_saliva.metaspades.bin.57	1	0	1	0	0
RSZAXPI002331-56_RAH_dental.metaspades.bin.43	0.8	0	1	0	0
GCA_017406775.1_ASM1740677v1	1	1	0	0	1
RSZYD18078311_A_saliva.metaspades.bin.7	1	0	1	0	0

SZAXPI018322-24_RA_dental.metaspades.bin.62	0.8	0	1	0	0
YS000604_saliva.spades.bin.11	1	0	1	0	0
RSZYD18187142_A_saliva.metaspades.bin.22	0.9	0	1	0	0
R0170300212_tooth_RA.megahit.bin.57	1	0	1	0	0
YS000385_saliva.spades.bin.1	1	0	1	0	0
GCA_017406905.1_ASM1740690v1	1	1	0	0	0.5
RSZAXPI002323-35_RAH_dental.metaspades.bin.28	0.6	0	1	0	0.5
RSZAXPI002655-15_RA_dental.metaspades.bin.44	1	0	0	0	1
RSZYD18187273_A_saliva.metaspades.bin.99	1	0	0	0	1
GCA_946414345.1_SRR12081302_bin.4_metaWRAP_v1.3_MAG	1	1	0	0	1
YS000063_saliva.spades.bin.11	1	0	1	0	0
YS000758_saliva.spades.bin.5	1	0	1	0	0
GCA_027427035.1_ASM2742703v1	0.6	0	1	1	0
RSZAXPI002655-15_RA_dental.metaspades.bin.1	0.8	0	1	0	0
RSZAXPI002626-66_RA_dental.metaspades.bin.71	0.8	0	1	0	0
R0170300242_tooth_RAH.megahit.bin.95	0.9	0	1	0	0
R0170300254_tooth_RAH.megahit.bin.128	0.4	0	1	0	0.5
GCA_017405225.1_ASM1740522v1	1	0	0	0	0.5
GCA_017431745.1_ASM1743174v1	1	1	0	0	0.5
RDPYD18300175_A_saliva.metaspades.bin.54	1	0	0	0	1
GCA_017652105.1_ASM1765210v1	1	1	0	0	0.5
GCA_017418275.1_ASM1741827v1	1	0	0	0	1
GCA_027426915.1_ASM2742691v1	0.6	0	1	1	0
RDPYD18088984_A_saliva.metaspades.bin.13	1	0	1	0	0
SZAXPI018439-102_RA_saliva.metaspades.bin.34	1	0	0	0	1
R0170300145_tooth_RA.megahit.bin.1	1	0	1	0	0
GCA_900555675.1_UMGS1848	1	0	1	0	0
RSZYD18078582_A_saliva.metaspades.bin.27	0.9	0	1	0	0
R0170300257_tooth_RAH.megahit.bin.54	0.8	0	1	0	0
SZAXPI018292-158_RA_dental.metaspades.bin.12	0.8	0	1	0	0
GCA_017433855.1_ASM1743385v1	1	1	0	0	1
R0170300120_tooth_RA.megahit.bin.80	1	0	0	0	1
R0170300114_tooth_RA.megahit.bin.10	1	0	0	0	1
RSZAXPI002313-22_RAH_dental.metaspades.bin.34	1	0	0	0	1
GCA_947425995.1_SRR19981123_bin.1_metawrap_v1.3_MAG	1	0	0	0	0.5
R0170300222_tooth_RA.megahit.bin.120	0.8	0	1	0	0
RDPYD18300390_A_saliva.metaspades.bin.50	0.9	0	1	0	0
R0170300068_tooth_RA.megahit.bin.89	0.8	0	1	0	0
RDPYD18093589_A_saliva.metaspades.bin.27	1	0	1	0	0
RDPYD18088953_A_saliva.metaspades.bin.4	1	0	1	0	0
R0170300067_tooth_RA.megahit.bin.54	0.6	0	1	0	0.5
SZAXPI018172-26_RA_dental.metaspades.bin.42	0.8	0	1	0	0
RSZAXPI002479-169_2_RAH_saliva.metaspades.bin.78	1	0	0	0	1
R0170300262_tooth_RAH.megahit.bin.134	0.8	0	1	0	0
RSZAXPI002628-79_RA_dental.metaspades.bin.30	0.9	0	1	0	0
R0170300230_tooth_RA.megahit.bin.36	1	0	0	0	1
R0170300121_tooth_RA.megahit.bin.4	1	0	0	0	1
RSZAXPI002606-27_RA_dental.metaspades.bin.28	1	0	0	0	1
R0170300105_tooth_RA.megahit.bin.2	1	0	0	0	1
R0170300136_tooth_RA.megahit.bin.71	1	0	0	0	1
R0170300152_tooth_RA.megahit.bin.61	1	0	0	0	1
RSZYD18187707_A_saliva.metaspades.bin.80	1	0	0	0	1
RSZYD18078217_A_saliva.metaspades.bin.95	1	0	0	0	1
SZAXPI018317-19_RA_dental.metaspades.bin.31	1	0	1	0	0
R0170300150_tooth_RA.megahit.bin.56	0.8	0	1	0	0
RSZAXPI002313-22_RAH_dental.metaspades.bin.87	1	0	0	0	1
RSZYD18078749_A_saliva.metaspades.bin.36	1	0	1	0	0
RSZYD18078768_A_saliva.metaspades.bin.28	0.7	0	1	0	0
SZAXPI018278-93_RA_dental.metaspades.bin.39	1	0	0	0	1
RDPYD18189960_A_saliva.metaspades.bin.21	1	0	0	0	1
RSZYD18187023_A_saliva.metaspades.bin.32	1	0	0	0	0
RSZYD18187823_A_saliva.metaspades.bin.19	1	0	1	0	0
RDPYD18189879_A_saliva.metaspades.bin.66	1	0	1	0	0
GCA_013316035.1_ASM1331603v1	1	0	0	0	0.5
GCA_003979185.1_ASM397918v1	1	0	0	0	0.5
GCA_017992295.1_ASM1799229v1	0.7	1	1	0	0.5
RSZAXPI002641-101_RA_dental.metaspades.bin.55	0.8	0	1	0	0
R0170300223_tooth_RA.megahit.bin.44	1	0	1	0	0
SZAXPI018096-17_RA_dental.metaspades.bin.23	0.6	0	1	0	0.5
RSZAXPI002308-17_RAH_dental.metaspades.bin.14	1	0	0	0	1
R0170300285_tooth_RAH.megahit.bin.48	1	0	0	0	1
RSZYD18078011_A_saliva.metaspades.bin.17	1	0	0	0	1
R0170300313_tooth_RAH.megahit.bin.102	1	0	0	0	1
RDPYD18300081_A_saliva.metaspades.bin.39	1	0	1	0	0
GCA_947166125.1_SRR8387714_bin.9_metaWRAP_v1.3_MAG	1	1	0	0	1
RSZYD18078620_A_saliva.metaspades.bin.29	1	0	1	0	0
GCA_017432505.1_ASM1743250v1	1	1	0	0	1
R0170300106_tooth_RA.megahit.bin.44	0.8	0	1	0	0

YS000226_saliva.spades.bin.6	1	0	1	0	0
R0170300323_tooth_RAH.megahit.bin.22	1	0	0	0	1
GCA_017447485.1_ASM1744748v1	1	1	0	0	1
SZAXPI018171-25_1_RA_dental.metaspades.bin.5	1	0	0	0	1
RSZAXPI002632-89_RA_dental.metaspades.bin.17	1	0	0	0	1
R0170300306_tooth_RAH.megahit.bin.130	0.8	0	1	0	0
GCA_947304135.1_SRR10912535_bin.47_metaWRAP_v1.3_MAG	1	1	0	0	1
GCA_009777315.1_ASM977731v1	0.8	0	0	0	1
GCA_017406985.1_ASM1740698v1	1	0	0	0	1
GCA_947306055.1_SRR10912535_bin.62_metaWRAP_v1.3_MAG	1	0	0	0	1
R0170300200_tooth_RA.megahit.bin.49	0.8	0	1	0	0
GCA_017983775.1_ASM1798377v1	0.6	0	1	0	0
GCA_017432305.1_ASM1743230v1	1	0	0	0	1
RSZYD18187002_A_saliva.metaspades.bin.29	1	0	0	0	1
RSZYD18187899_A_saliva.metaspades.bin.64	0.7	0	1	0	0
GCA_017651125.1_ASM1765112v1	0.8	1	0	0	1
R0170300060_tooth_RA.megahit.bin.57	0.3	0	1	0	0
GCA_017431085.1_ASM1743108v1	1	1	0	0	1
GCA_017509895.1_ASM1750989v1	1	1	0	0	1
RSZAXPI002324-37_RAH_dental.metaspades.bin.77	0.8	0	1	0	0
R0170300192_tooth_RA.megahit.bin.84	0.8	0	1	0	0
R0170300179_tooth_RA.megahit.bin.1	0.8	0	0	0	0
R0170300223_tooth_RA.megahit.bin.112	0.8	0	1	0	0
GCA_017404285.1_ASM1740428v1	1	1	0	0	1
GCA_017561575.1_ASM1756157v1	0.8	1	0	0	1
YS000532_saliva.spades.bin.18	1	0	1	0	0
R0170300249_tooth_RAH.megahit.bin.3	0.8	0	1	0	0
SZAXPI018322-24_RA_dental.metaspades.bin.11	1	0	0	0	1
RSZYD18187312_A_saliva.metaspades.bin.49	1	0	1	0	0
RDPYD18300388_A_saliva.metaspades.bin.27	1	0	1	0	0
YS000927_saliva.spades.bin.50	1	0	1	0	0
R0170300162_tooth_RA.megahit.bin.20	0.8	0	1	0	0
GCA_017533605.1_ASM1753360v1	1	1	0	0	1
GCA_017480035.1_ASM1748003v1	1	0	0	0	1
R0170300239_tooth_RAH.megahit.bin.85	1	0	0	0	1
R0170300139_tooth_RA.megahit.bin.20	1	0	0	0	1
RSZAXPI002479-169_RAH_saliva.metaspades.bin.73	1	0	0	0	1
GCA_017433185.1_ASM1743318v1	1	1	0	0	1
GCA_947385605.1_ERR6760111_bin.57_metawrap_v1.3_MAG	0.8	0	0	0	1
R0170300098_tooth_RA.megahit.bin.34	1	0	1	0	0
R0170300061_tooth_RA.megahit.bin.113	1	0	1	0	0
R0170300219_tooth_RA.megahit.bin.1	1	0	1	0	0
SZAXPI018191-57_RA_dental.metaspades.bin.32	1	0	1	0	0
GCA_017404795.1_ASM1740479v1	0.7	1	0	0	0.5
R0170300079_tooth_RA.megahit.bin.18	0.8	0	0	0	1
GCA_905373345.1_SRR9217464-mag-bin.7	0.5	0	1	0	0
R0170300202_tooth_RA.megahit.bin.34	0.8	0	1	0	0
RSZYD18078253_A_saliva.metaspades.bin.36	1	0	1	0	0
SZAXPI018274-87_RA_dental.metaspades.bin.42	0.8	0	1	0	0
R0170300235_tooth_RAH.megahit.bin.85	1	0	1	0	0
SZAXPI018320-22_RA_dental.metaspades.bin.29	1	0	1	0	0
R0170300208_tooth_RA.megahit.bin.81	1	0	1	0	0
R0170300151_tooth_RA.megahit.bin.9	1	0	1	0	0
R0170300119_tooth_RA.megahit.bin.2	1	0	1	0	0
SZAXPI018101-22_RA_dental.metaspades.bin.8	1	0	1	0	0
SZAXPI018317-19_RA_dental.metaspades.bin.70	1	0	1	0	0
R0170300269_tooth_RAH.megahit.bin.29	1	0	1	0	0
R0170300278_tooth_RAH.megahit.bin.14	1	0	1	0	0
RSZAXPI002458-89_RAH_dental.metaspades.bin.78	1	0	1	0	0
R0170300291_tooth_RAH.megahit.bin.82	1	0	1	0	0
RSZAXPI002324-37_RAH_dental.metaspades.bin.18	1	0	1	0	0
GCA_017510925.1_ASM1751092v1	1	1	0	0	0.5
RSZYD18187650_A_saliva.metaspades.bin.9	1	0	1	0	0
RSZAXPI002318-27_RAH_dental.metaspades.bin.53	1	0	0	0	1
R0170300279_tooth_RAH.megahit.bin.3	1	0	0	0	1
RDPYD18300101_A_saliva.metaspades.bin.91	1	0	0	0	1
SZAXPI018097-18_RA_dental.metaspades.bin.14	1	0	0	0	1
R0170300136_tooth_RA.megahit.bin.73	1	0	0	0	1
R0170300206_tooth_RA.megahit.bin.2	1	0	0	0	1
R0170300277_tooth_RAH.megahit.bin.4	1	0	0	0	1
RSZAXPI002456-79_RAH_dental.metaspades.bin.7	1	0	0	0	1
R0170300178_tooth_RA.megahit.bin.102	1	0	0	0	1
RSZYD18187144_A_saliva.metaspades.bin.68	1	0	0	0	1
R0170300303_tooth_RAH.megahit.bin.49	1	0	0	0	1
R0170300327_tooth_RA.megahit.bin.5	1	0	0	0	1
R0170300254_tooth_RAH.megahit.bin.48	1	0	0	0	1
R0170300288_tooth_RAH.megahit.bin.22	1	0	0	0	1
RSZYD18078769_A_saliva.metaspades.bin.60	1	0	0	0	1

RSZYD18078148_A_saliva.metaspades.bin.14	1	0	0	0	1
RSZAXPI002619-34_RA_dental.metaspades.bin.5	1	0	0	0	1
RSZYD18078562_A_saliva.metaspades.bin.64	1	0	0	0	1
R0170300252_tooth_RAH.megahit.bin.79	1	0	0	0	1
R0170300100_tooth_RA.megahit.bin.14	1	0	0	0	1
SZAXPI018282-108_RA_dental.metaspades.bin.67	1	0	0	0	1
R0170300318_tooth_RAH.megahit.bin.131	0.8	0	1	0	0
GCA_017511205.1_ASM1751120v1	1	1	0	0	1
YS000725_saliva.spades.bin.43	1	0	1	0	0
SRR8114048.metaspades.bin.17	1	0	0	0	1
R0170300193_tooth_RA.megahit.bin.67	1	0	1	0	0
R0170300224_tooth_RA.megahit.bin.94	1	0	0	0	1
R0170300231_tooth_RA.megahit.bin.16	0.8	0	0	0	0.5
GCA_009781895.1_ASM978189v1	1	0	0	0	1
RSZYD18187537_A_saliva.metaspades.bin.50	1	0	0	0	1
RSZYD18078322_A_saliva.metaspades.bin.73	1	0	0	0	1
R0170300311_tooth_RAH.megahit.bin.87	0.8	0	1	0	0
SZAXPI018312-14_RA_dental.metaspades.bin.43	1	0	1	0	0
RDPYD18300127_A_saliva.metaspades.bin.55	1	0	0	0	0
R0170300148_tooth_RA.megahit.bin.111	1	0	0	0	1
GCA_017514665.1_ASM1751466v1	1	1	0	0	1
RSZAXPI002315-24_RAH_dental.metaspades.bin.62	0.8	0	1	0	0
GCA_947306835.1_SRR10912542_bin.23_metaWRAP_v1.3_MAG	1	1	0	0	0.5
SZAXPI018190-56_RA_dental.metaspades.bin.64	1	0	1	0	0
SZAXPI018103-24_RA_dental.metaspades.bin.45	1	0	0	0	1
R0170300274_tooth_RAH.megahit.bin.88	1	0	0	0	1
RDPYD18300091_A_saliva.metaspades.bin.39	1	0	0	0	0
YS000607_saliva.spades.bin.9	1	0	1	0	0
SZAXPI018441-109_RA_saliva.metaspades.bin.47	0.8	0	1	0	0.5
GCA_916439725.1_DRR214962_bin.20_metaWRAP_v1.1_MAG	0.8	0	0	0	0
RDPYD18088975_A_saliva.metaspades.bin.3	1	0	0	0	0
GCA_943350085.1_RH-15aug16-19	0.6	0	1	0	0
GCA_017460625.1_ASM1746062v1	1	1	0	0	0.5
RDPYD18201698_A_saliva.metaspades.bin.50	1	0	0	0	0
GCA_017404725.1_ASM1740472v1	0.8	0	0	0	0.5
RDPYD18300271_A_saliva.metaspades.bin.13	0.8	0	1	0	0
R0170300260_tooth_RAH.megahit.bin.14	1	0	1	0	0
RSZAXPI002619-34_RA_dental.metaspades.bin.16	1	0	1	0	0
R0170300305_tooth_RAH.megahit.bin.21	0.8	0	1	0	0
R0170300205_tooth_RA.megahit.bin.8	1	0	0	0	1
GCA_027446965.1_ASM2744696v1	0.4	0	1	1	0
R0170300272_tooth_RAH.megahit.bin.68	1	0	0	0	1
SZAXPI018178-34_RA_dental.metaspades.bin.62	1	0	1	0	0
R0170300271_tooth_RAH.megahit.bin.109	1	0	1	0	0
R0170300194_tooth_RA.megahit.bin.108	1	0	1	0	0
RSZAXPI002319-31_RAH_dental.metaspades.bin.72	1	0	1	0	0
RSZAXPI002326-41_RAH_dental.metaspades.bin.62	1	0	1	0	0
SZAXPI018287-129_RA_dental.metaspades.bin.14	1	0	1	0	0
SZAXPI018095-16_RA_dental.metaspades.bin.15	1	0	1	0	0
R0170300217_tooth_RA.megahit.bin.134	1	0	1	0	0
R0170300161_tooth_RA.megahit.bin.41	1	0	1	0	0
SZAXPI018313-15_RA_dental.metaspades.bin.16	1	0	1	0	0
SZAXPI018103-24_RA_dental.metaspades.bin.59	1	0	1	0	0
R0170300207_tooth_RA.megahit.bin.21	1	0	1	0	0
SZAXPI018096-17_RA_dental.metaspades.bin.59	1	0	1	0	0
R0170300169_tooth_RA.megahit.bin.51	1	0	1	0	0
R0170300170_tooth_RA.megahit.bin.97	1	0	1	0	0
RSZAXPI002606-27_RA_dental.metaspades.bin.59	1	0	1	0	0
R0170300266_tooth_RAH.megahit.bin.13	1	0	1	0	0
R0170300211_tooth_RA.megahit.bin.23	1	0	1	0	0
SZAXPI018178-34_RA_dental.metaspades.bin.15	1	0	0	0	1
RSZYD18078695_A_saliva.metaspades.bin.25	1	0	0	0	1
R0170300055_tooth_RA.megahit.bin.35	1	0	0	0	1
R0170300162_tooth_RA.megahit.bin.89	1	0	0	0	1
R0170300281_tooth_RAH.megahit.bin.27	1	0	0	0	1
SZAXPI018286-123_RA_dental.metaspades.bin.16	1	0	0	0	1
R0170300264_tooth_RAH.megahit.bin.17	1	0	0	0	1
R0170300223_tooth_RA.megahit.bin.25	1	0	0	0	1
R0170300135_tooth_RA.megahit.bin.70	1	0	0	0	1
YS000527_saliva.spades.bin.34	1	0	1	0	0
SZAXPI018287-129_RA_dental.metaspades.bin.69	0.8	0	1	0	0
GCA_946407955.1_SRR12081294_bin.80_metaWRAP_v1.3_MAG	1	0	0	0	1
YS000299_saliva.spades.bin.16	0.9	0	1	0	0
GCA_017545595.1_ASM1754559v1	1	0	0	0	0.5
R0170300258_tooth_RAH.megahit.bin.9	1	0	0	0	1
RSZAXPI002657-17_RA_dental.metaspades.bin.13	1	0	1	0	0
YS000331_saliva.spades.bin.6	0.8	0	1	0	0
RSZAXPI002636-95_RA_dental.metaspades.bin.34	0.6	0	1	0	0.5

R0170300313_tooth_RAH.megahit.bin.7	1	0	0	0	1
R0170300110_tooth_RA.megahit.bin.53	0.6	0	0	0	0.5
RDPYD18201791_A_saliva.metaspades.bin.75	1	0	0	0	0
RDPYD18097572_A_saliva.metaspades.bin.15	1	0	0	0	0
R0170300129_tooth_RA.megahit.bin.41	1	0	0	0	1
R0170300208_tooth_RA.megahit.bin.25	0.9	0	0	0	0
GCA_002371235.1_ASM237123v1	1	1	0	0	0.5
GCA_900555425.1_UMGS1831	0.5	0	1	0	0
R0170300170_tooth_RA.megahit.bin.1	0.3	0	1	0	0
GCA_017432365.1_ASM1743236v1	1	0	0	0	0
GCA_017524405.1_ASM1752440v1	0.8	0	0	0	1
RDPYD18300407_A_saliva.metaspades.bin.4	0.9	0	1	0	0
RSZYD18078461_A_saliva.metaspades.bin.53	0.5	0	1	0	0
SRR8114056.metaspades.bin.5	1	0	0	0	1
RSZYD18078571_A_saliva.metaspades.bin.52	0.4	0	1	0	0
RSZYD18078736_A_saliva.metaspades.bin.17	1	0	0	0	1
R0170300223_tooth_RA.megahit.bin.10	1	0	0	0	1
GCA_947364605.1_SRR16350204_bin.1_metawrap_v1.3_MAG	0.8	0	0	0	0.5
GCA_946479115.1_ERR5385026_bin.7_metawrap_v1.3.0_MAG	0.6	0	1	1	0
RSZYD18078595_A_saliva.metaspades.bin.65	1	0	1	0	0
R0170300056_tooth_RA.megahit.bin.105	0.8	0	0	0	1
GCA_017407085.1_ASM1740708v1	1	1	0	0	1
SZAXPI018406-56_RA_saliva.metaspades.bin.71	1	1	0	0	0.5
R0170300300_tooth_RAH.megahit.bin.1	1	0	1	0	0
R0170300270_tooth_RAH.megahit.bin.51	1	0	1	0	0
R0170300118_tooth_RA.megahit.bin.74	1	0	1	0	0
R0170300303_tooth_RAH.megahit.bin.161	1	0	1	0	0
RDPYD18088805_A_saliva.metaspades.bin.25	1	0	0	0	0
R0170300141_tooth_RA.megahit.bin.72	1	0	0	0	0
GCA_017510905.1_ASM1751090v1	1	1	0	0	0.5
RSZYD18187848_A_saliva.metaspades.bin.3	1	0	1	0	0
RSZYD18078756_A_saliva.metaspades.bin.24	1	0	0	0	1
R0170300249_tooth_RAH.megahit.bin.103	1	0	0	0	1
R0170300252_tooth_RAH.megahit.bin.46	1	0	1	0	0
RSZYD18187735_A_saliva.metaspades.bin.54	0.7	0	1	0	0
GCA_946404095.1_SRR12081303_bin.66_metaWRAP_v1.3_MAG	1	1	0	0	1
RSZYD18187438_A_saliva.metaspades.bin.51	0.8	0	0	0	0
RSZYD18078482_A_saliva.metaspades.bin.17	1	0	0	0	0
R0170300154_tooth_RA.megahit.bin.116	0.8	0	1	0	0
R0170300061_tooth_RA.megahit.bin.12	0.6	0	1	0	0.5
RDPYD18098896_A_saliva.metaspades.bin.29	1	0	0	0	1
RSZYD18187790_A_saliva.metaspades.bin.2	1	0	0	0	1
GCA_017430725.1_ASM1743072v1	1	1	0	0	1
RDPYD18300091_A_saliva.metaspades.bin.68	1	0	0	0	1
GCA_017514805.1_ASM1751480v1	1	0	0	0	1
RSZAXPI002603-21_RA_dental.metaspades.bin.63	1	0	0	0	1
R0170300119_tooth_RA.megahit.bin.12	0.8	0	0	0	0
GCA_946890795.1_SRR12830924_bin.6_metaWRAP_v1.3_MAG	1	1	0	0	0.5
RSZAXPI002635-94_RA_dental.metaspades.bin.41	0.8	0	0	0	0
R0170300302_tooth_RAH.megahit.bin.114	1	0	0	0	1
RDPYD18189966_A_saliva.metaspades.bin.40	1	0	0	0	1
YS000381_saliva.spades.bin.25	0.9	0	1	0	0
R0170300301_tooth_RAH.megahit.bin.77	0.8	0	1	0	0
RSZYD18187613_A_saliva.metaspades.bin.34	1	0	1	0	0
R0170300292_tooth_RAH.megahit.bin.27	1	0	1	0	0
SZAXPI018391-27_RA_saliva.metaspades.bin.47	1	0	0	0	1
YS000608_saliva.spades.bin.2	1	0	1	0	0
RSZYD18078259_A_saliva.metaspades.bin.16	1	0	1	0	0
RDPYD18098341_A_saliva.metaspades.bin.33	0.9	0	1	0	0
R0170300287_tooth_RAH.megahit.bin.57	1	0	1	0	0
RDPYD18097649_A_saliva.metaspades.bin.16	1	0	0	0	1
RDPYD18088979_A_saliva.metaspades.bin.8	1	0	0	0	1
R0170300290_tooth_RAH.megahit.bin.111	0.8	0	1	0	0
R0170300181_tooth_RA.megahit.bin.96	1	0	0	0	1
R0170300079_tooth_RA.megahit.bin.12	1	0	1	0	0
SZAXPI018273-75_RA_dental.metaspades.bin.34	1	0	0	0	1
YS000541_saliva.spades.bin.2	0.8	0	1	0	0
R0170300105_tooth_RA.megahit.bin.100	1	0	1	0	0
R0170300239_tooth_RAH.megahit.bin.64	1	0	1	0	0
R0170300120_tooth_RA.megahit.bin.14	1	0	1	0	0
GCA_947253565.1_SRR17635649_bin.4_metaWRAP_v1.3_MAG	1	1	0	0	0.5
GCA_946997535.1_SRR16916865_bin.12_metaWRAP_v1.3_MAG	1	1	0	0	0.5
GCA_017516075.1_ASM1751607v1	0.7	1	0	0	1
RDPYD18098858_A_saliva.metaspades.bin.23	0.7	0	1	0	0
RDPYD18189844_A_saliva.metaspades.bin.3	1	0	1	0	0
GCA_017512085.1_ASM1751208v1	1	1	0	0	0.5
GCA_946626365.1_SRR873609_bin.132_metaWRAP_v1.3_MAG	0.8	1	0	0	0.5
RDPYD18300089_A_saliva.metaspades.bin.34	0.7	0	1	0	0

R0170300184_tooth_RA.megahit.bin.85	1	0	0	0	1
GCA_017511965.1_ASM1751196v1	1	1	0	0	1
GCA_017459765.1_ASM1745976v1	1	1	0	0	1
GCA_017460105.1_ASM1746010v1	0.6	1	0	0	0.5
R0170300323_tooth_RAH.megahit.bin.16	1	0	1	0	0
R0170300148_tooth_RA.megahit.bin.83	1	0	1	0	0
GCA_947253235.1_SRR17635697_bin.12_metaWRAP_v1.3_MAG	1	1	0	0	0.5
GCA_947253955.1_SRR17635595_bin.5_metaWRAP_v1.3_MAG	1	1	0	0	0.5
GCA_947253945.1_SRR17635701_bin.9_metaWRAP_v1.3_MAG	1	1	0	0	0.5
RSZYD18078100_A_saliva.metaspades.bin.89	1	0	0	0	1
GCA_009691435.1_ASM969143v1	0.6	0	1	0	0
YS000131_saliva.spades.bin.17	1	0	1	0	0
GCA_013333575.2_ASM1333357v2	0.3	0	1	0	0
SZAXPI018182-39_RA_dental.metaspades.bin.37	0.8	0	0	0	0
GCA_017962365.1_ASM1796236v1	1	1	0	0	1
R0170300192_tooth_RA.megahit.bin.38	1	0	0	0	1
GCA_903836325.1_freshwater_MAG_---_KR2_bin-0178	0.6	0	1	0	0
R0170300294_tooth_RAH.megahit.bin.42	1	0	1	0	0
GCA_013333205.2_ASM1333320v2	1	0	0	0	1
YS000290_saliva.spades.bin.16	0.6	0	1	0	0
R0170300078_tooth_RA.megahit.bin.29	1	0	0	0	1
GCA_027340655.1_ASM2734065v1	0.6	0	1	1	0.5
GCA_017420225.1_ASM1742022v1	1	1	0	0	1
RDPYD18201627_A_saliva.metaspades.bin.4	0.6	0	1	0	0
GCA_903847695.1_freshwater_MAG_---_YR_bin-4361	0.6	0	1	0	0
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG	0.6	1	1	0	0.5
R0170300294_tooth_RAH.megahit.bin.112	1	0	0	0	1
R0170300318_tooth_RAH.megahit.bin.108	1	0	0	0	1
YS000922_saliva.spades.bin.6	1	0	1	0	0
R0170300055_tooth_RA.megahit.bin.26	1	0	1	0	0
R0170300271_tooth_RAH.megahit.bin.16	1	0	0	0	1
SZAXPI011699-166_RA_dental.metaspades.bin.58	1	0	0	0	1
SZAXPI018286-123_RA_dental.metaspades.bin.45	0.8	0	0	0	0
GCA_946479835.1_SRR15094062_bin.4_metawrap_v1.3.0_MAG	0.4	0	1	1	0
RSZYD18187119_A_saliva.metaspades.bin.9	1	0	0	0	0
GCA_947307355.1_SRR10912536_bin.13_metaWRAP_v1.3_MAG	1	1	0	0	0.5
SZAXPI018394-33_RA_saliva.metaspades.bin.17	1	0	0	0	1
R0170300161_tooth_RA.megahit.bin.150	1	0	0	0	1
RSZYD18078245_A_saliva.metaspades.bin.14	1	0	1	0	0
R0170300075_tooth_RA.megahit.bin.36	0.8	0	0	0	0
R0170300284_tooth_RAH.megahit.bin.22	0.9	0	1	0	0
R0170300146_tooth_RA.megahit.bin.30	1	0	0	0	1
RSZYD18078325_A_saliva.metaspades.bin.95	1	0	0	0	1
GCA_013333415.2_ASM1333341v2	1	0	0	0	1
GCA_017510025.1_ASM1751002v1	1	1	0	0	1
GCA_946998385.1_SRR16916860_bin.6_metaWRAP_v1.3_MAG	1	1	0	0	0.5
RSZAXPI002314-23_RAH_dental.metaspades.bin.51	0.8	0	1	0	0
RSZYD18187261_A_saliva.metaspades.bin.68	1	0	0	0	0.5
SZAXPI018323-25_RA_dental.metaspades.bin.25	1	0	0	0	1
R0170300161_tooth_RA.megahit.bin.158	1	0	0	0	1
RSZYD18187503_A_saliva.metaspades.bin.53	1	0	0	0	1
RDPYD18300081_A_saliva.metaspades.bin.28	1	0	0	0	1
RSZAXPI002331-56_RAH_dental.metaspades.bin.80	0.8	0	0	0	0
R0170300338_saliva_RA.megahit.bin.56	0.8	0	1	0	0
R0170300211_tooth_RA.megahit.bin.13	1	0	0	0	1
GCA_004136275.1_ASM413627v1	1	1	0	0	0.5
GCA_946890675.1_ERR9530663_bin.14_metaWRAP_v1.3_MAG	1	1	0	0	0.5
RSZYD18078760_A_saliva.metaspades.bin.11	1	0	0	0	0
RDPYD18097506_A_saliva.metaspades.bin.46	1	0	0	0	0
RSZYD18078582_A_saliva.metaspades.bin.58	1	0	0	0	1
RSZYD18078188_A_saliva.metaspades.bin.16	0.9	0	1	0	0
SZAXPI018310-169_RA_dental.metaspades.bin.1	0.8	0	0	0	0
RSZYD18078579_A_saliva.metaspades.bin.26	1	0	0	0	0
R0170300146_tooth_RA.megahit.bin.21	1	0	1	0	0
GCA_013333155.2_ASM1333315v2	1	0	0	0	1
RSZYD18187115_A_saliva.metaspades.bin.47	1	0	0	0	1
GCA_946890805.1_SRR12830918_bin.6_metaWRAP_v1.3_MAG	1	1	0	0	0.5
GCA_947366635.1_SRR15322614_bin.1_metawrap_v1.3_MAG	0.8	0	0	0	0.5
RSZYD18078115_A_saliva.metaspades.bin.40	1	0	0	0	1
GCA_017515265.1_ASM1751526v1	1	1	0	0	0.5
RSZAXPI002314-23_RAH_dental.metaspades.bin.46	0.8	0	0	0	0
RSZYD18187234_A_saliva.metaspades.bin.82	0.9	0	0	0	1
GCA_947090635.1_SRR11749285_bin.3_metaWRAP_v1.3_MAG	1	1	0	0	0
YS000632_saliva.spades.bin.35	1	0	1	0	0
RSZYD18078167_A_saliva.metaspades.bin.4	1	0	1	0	0
GCA_946405975.1_SRR12081303_bin.106_metaWRAP_v1.3_MAG	1	1	0	0	1
RSZYD18187350_A_saliva.metaspades.bin.64	0.8	0	0	0	1
R0170300233_tooth_RA.megahit.bin.80	1	0	0	0	1

GCA_946404545.1_SRR12081298_bin.7_metaWRAP_v1.3_MAG	1	0	0	0	1
GCA_947304155.1_SRR10912535_bin.54_metaWRAP_v1.3_MAG	0.9	0	0	0	1
R0170300135_tooth_RA.megahit.bin.76	0.3	0	1	0	0
GCA_017514675.1_ASM1751467v1	0.8	1	0	0	0.5
R0170300213_tooth_RA.megahit.bin.4	1	0	1	0	0
YS000027_saliva.spades.bin.12	0.8	0	1	0	0
R0170300136_tooth_RA.megahit.bin.20	1	0	1	0	0
R0170300176_tooth_RA.megahit.bin.28	1	0	0	0	1
RSZYD18078115_A_saliva.metaspades.bin.19	1	0	0	0	1
GCA_004151455.1_ASM415145v1	1	0	0	0	0
RSZYD18187216_A_saliva.metaspades.bin.13	1	0	0	0	0
R0170300292_tooth_RAH.megahit.bin.19	1	0	0	0	0.5
R0170300111_tooth_RA.megahit.bin.32	0.5	0	0	0	1
RDPYD18097607_A_saliva.metaspades.bin.40	1	0	0	0	0
RDPYD18098844_A_saliva.metaspades.bin.18	1	0	0	0	0
RSZAXPI002470-105_RAH_saliva.metaspades.bin.10	1	0	0	0	0
RSZAXPI002470-105_2_RAH_saliva.metaspades.bin.33	1	0	0	0	0
RSZYD18078749_A_saliva.metaspades.bin.35	1	0	0	0	0
R0170300378_saliva_RAH.megahit.bin.43	1	0	0	0	0
GCA_947302975.1_SRR10912535_bin.55_metaWRAP_v1.3_MAG	1	1	0	0	0.5
R0170300190_tooth_RA.megahit.bin.12	0.8	0	1	0	0
RDPYD18300323_A_saliva.metaspades.bin.46	1	0	0	0	0
R0170300152_tooth_RA.megahit.bin.50	1	0	1	0	0
YS000921_saliva.spades.bin.23	0.7	0	1	0	0
R0170300236_tooth_RAH.megahit.bin.77	1	0	1	0	0
SZAXPI018275-88_RA_dental.metaspades.bin.50	1	0	1	0	0
R0170300287_tooth_RAH.megahit.bin.150	1	0	0	0	1
R0170300257_tooth_RAH.megahit.bin.13	1	0	1	0	0
RDPYD18201709_A_saliva.metaspades.bin.24	0.6	0	1	0	0
R0170300065_tooth_RA.megahit.bin.79	0.8	0	0	0	0
GCA_003022365.1_ASM302236v1	0.6	0	1	0	0
RDPYD18098980_A_saliva.metaspades.bin.28	1	0	0	0	0
RSZAXPI002305-14_RAH_dental.metaspades.bin.61	0.8	0	0	0	0
GCA_017404685.1_ASM1740468v1	1	1	0	0	1
RSZYD18187652_A_saliva.metaspades.bin.2	0.8	0	0	0	1
R0170300067_tooth_RA.megahit.bin.1	0.8	0	1	0	0
RDPYD18098585_A_saliva.metaspades.bin.25	1	0	0	0	1
RDPYD18300134_A_saliva.metaspades.bin.113	1	0	0	0	0
R0170300241_tooth_RAH.megahit.bin.28	0.4	0	1	0	0.5
GCA_017404485.1_ASM1740448v1	1	1	0	0	1
RDPYD18300101_A_saliva.metaspades.bin.92	1	0	0	0	1
RSZYD18187503_A_saliva.metaspades.bin.19	1	0	0	0	1
GCA_017432705.1_ASM1743270v1	1	0	0	0	1
GCA_010014525.1_ASM1001452v1	1	0	0	0	0
GCA_017511645.1_ASM1751164v1	0.5	1	0	0	1
RSZYD18187379_A_saliva.metaspades.bin.62	0.9	0	1	0	0
GCA_002309075.1_ASM230907v1	1	1	0	0	1
RDPYD18098888_A_saliva.metaspades.bin.8	1	0	0	0	0
RDPYD18300323_A_saliva.metaspades.bin.59	1	0	0	0	0
RSZYD18187311_A_saliva.metaspades.bin.30	1	0	0	0	0
RDPYD18098496_A_saliva.metaspades.bin.7	1	0	0	0	0
RDPYD18201957_A_saliva.metaspades.bin.16	1	0	0	0	0
RSZYD18187756_A_saliva.metaspades.bin.35	1	0	0	0	0
GCA_017512925.1_ASM1751292v1	1	0	0	0	1
RDPYD18201938_A_saliva.metaspades.bin.59	1	0	0	0	0
RSZYD18187458_A_saliva.metaspades.bin.36	1	0	0	0	0
RSZYD18078234_A_saliva.metaspades.bin.10	1	0	0	0	0
RDPYD18098326_A_saliva.metaspades.bin.7	1	0	0	0	0
RSZYD18078088_A_saliva.metaspades.bin.16	1	0	0	0	0
GCA_947426085.1_SRR18439536_bin.4_metawrap_v1.3_MAG	1	0	0	0	0.5
GCA_027427875.1_ASM2742787v1	0.2	0	1	1	0
RSZYD18187739_A_saliva.metaspades.bin.22	1	0	0	0	0.5
R0170300208_tooth_RA.megahit.bin.27	1	0	0	0	0.5
YS000298_saliva.spades.bin.49	0.3	0	1	0	0
SZAXPI018312-14_RA_dental.metaspades.bin.67	1	0	0	0	1
RDPYD18088951_A_saliva.metaspades.bin.87	0.8	0	0	0	1
RDPYD18300183_A_saliva.metaspades.bin.81	0.8	0	0	0	1
RSZAXPI002330-47_RAH_dental.metaspades.bin.26	0.8	0	1	0	0.5
R0170300051_tooth_RA.megahit.bin.6	1	0	0	0	1
R0170300294_tooth_RAH.megahit.bin.12	1	0	0	0	1
RSZYD18187492_A_saliva.metaspades.bin.15	1	0	0	0	1
R0170300223_tooth_RA.megahit.bin.80	0.9	0	0	0	1
GCA_017433845.1_ASM1743384v1	1	0	0	0	1
RDPYD18101880_A_saliva.metaspades.bin.11	0.8	0	0	0	1
RSZYD18078798_A_saliva.metaspades.bin.24	1	0	0	0	1
GCA_017510075.1_ASM1751007v1	1	1	0	0	0.5
RSZYD18078590_A_saliva.metaspades.bin.50	1	0	0	0	0
GCA_002699225.1_ASM269922v1	0.5	0	1	0	0

GCA_017510205.1_ASM1751020v1	1	1	0	0	1
GCA_017460165.1_ASM1746016v1	1	0	0	0	0.5
GCA_017512095.1_ASM1751209v1	0.8	1	0	0	0
RDPYD18201616_A_saliva.metaspades.bin.6	1	0	0	0	0
SZAXPI018359-24_RA_saliva.metaspades.bin.78	1	0	0	0	0
RDPYD18098470_A_saliva.metaspades.bin.42	1	0	0	0	0
RSZYD18078622_A_saliva.metaspades.bin.17	1	0	0	0	0
RDPYD18189905_A_saliva.metaspades.bin.29	1	0	0	0	0
RDPYD18098299_A_saliva.metaspades.bin.46	1	0	0	0	0
RSZYD18078674_A_saliva.metaspades.bin.36	1	0	0	0	0
RSZYD18078463_A_saliva.metaspades.bin.4	1	0	0	0	0
RDPYD18201683_A_saliva.metaspades.bin.7	1	0	0	0	0
SZAXPI018484-16_RA_saliva.metaspades.bin.36	0.8	0	0	0	0
RSZYD18187340_A_saliva.metaspades.bin.39	1	0	1	0	0
RDPYD18300261_A_saliva.metaspades.bin.29	0.5	0	1	0	0
R0170300392_saliva_RAH.megahit.bin.14	1	0	0	0	1
GCA_002313515.1_ASM231351v1	1	1	0	0	0.5
RSZYD18078713_A_saliva.metaspades.bin.36	1	0	0	0	0
GCA_015257445.1_ASM1525744v1	1	0	0	0	1
R0170300378_saliva_RAH.megahit.bin.36	1	0	0	0	1
RDPYD18300377_A_saliva.metaspades.bin.20	1	0	0	0	1
RDPYD18300381_A_saliva.metaspades.bin.93	1	0	0	0	0
YS000257_saliva.spades.bin.31	1	0	0	0	0
GCA_015257785.3_ASM1525778v3	1	0	0	0	0
GCA_015257795.3_ASM1525779v3	1	0	0	0	0
RDPYD18189852_A_saliva.metaspades.bin.58	1	0	0	0	0
R0170300249_tooth_RAH.megahit.bin.28	1	0	0	0	1
GCA_934725355.1_ERR7738173_bin.40	1	0	0	0	0.5
GCA_017556795.1_ASM1755679v1	1	1	0	0	1
RDPYD18098996_A_saliva.metaspades.bin.18	1	0	0	0	0
RDPYD18098912_A_saliva.metaspades.bin.38	1	0	0	0	0
RDPYD18088813_A_saliva.metaspades.bin.37	1	0	0	0	0
SZAXPI018453-13_RA_saliva.metaspades.bin.65	1	0	0	0	0
GCA_017421685.1_ASM1742168v1	1	1	0	0	1
GCA_007845325.1_ASM784532v1	0.5	0	1	0	0
R0170300266_tooth_RAH.megahit.bin.12	0.5	0	1	0	0
R0170300213_tooth_RA.megahit.bin.11	1	0	0	0	1
SZAXPI018354-19_RA_saliva.metaspades.bin.46	1	0	0	0	0
RDPYD18201945_A_saliva.metaspades.bin.17	1	0	0	0	0
R0170300336_saliva_RA.megahit.bin.72	1	0	0	0	0
RDPYD18300202_A_saliva.metaspades.bin.45	1	0	0	0	0
R0170300320_tooth_RAH.megahit.bin.52	0.8	0	1	0	0
GCA_015257815.1_ASM1525781v1	1	0	0	0	0
R0170300276_tooth_RAH.megahit.bin.19	0.9	0	1	0	0
GCA_947368805.1_SRR15431190_bin.13_metawrap_v1.3_MAG	0.8	0	0	0	0.5
RSZYD18078181_A_saliva.metaspades.bin.24	1	0	0	0	1
GCA_013332955.2_ASM1333295v2	1	0	0	0	1
RSZYD18078467_A_saliva.metaspades.bin.16	1	0	0	0	0
RSZYD18078807_A_saliva.metaspades.bin.46	1	0	1	0	0
R0170300061_tooth_RA.megahit.bin.44	1	0	0	0	0.5
R0170300271_tooth_RAH.megahit.bin.84	1	0	0	0	1
R0170300254_tooth_RAH.megahit.bin.23	0.1	0	1	0	0.5
YS000274_saliva.spades.bin.38	1	0	1	0	0
RSZYD18187666_A_saliva.metaspades.bin.39	1	0	0	0	0.5
GCA_016196195.1_ASM1619619v1	0.4	0	1	1	0
RSZYD18187344_A_saliva.metaspades.bin.71	1	0	0	0	1
RSZYD18187336_A_saliva.metaspades.bin.56	0.8	0	0	0	1
GCA_009783235.1_ASM978323v1	1	1	0	0	0.5
GCA_013333135.2_ASM1333313v2	1	0	0	0	1
GCA_007131065.1_ASM713106v1	1	0	1	0	0
YS000932_saliva.spades.bin.7	1	0	0	0	0
GCA_015257505.1_ASM1525750v1	1	0	0	0	1
RDPYD18098936_A_saliva.metaspades.bin.10	1	0	0	0	0
RSZYD18078748_A_saliva.metaspades.bin.42	1	0	0	0	0
SRR6748223.metaspades.bin.6	1	0	0	0	0
SZAXPI018280-95_RA_dental.metaspades.bin.19	1	0	0	0	0
SZAXPI018318-20_RA_dental.metaspades.bin.22	1	0	0	0	0
RSZYD18078075_A_saliva.metaspades.bin.101	1	0	0	0	0
SZAXPI018436-90_RA_saliva.metaspades.bin.9	1	0	0	0	0
RSZYD18187316_A_saliva.metaspades.bin.18	1	0	0	0	0
RDPYD18097490_A_saliva.metaspades.bin.7	1	0	0	0	0
SRR8114071.metaspades.bin.18	1	0	0	0	0
RDPYD18201735_A_saliva.metaspades.bin.32	1	0	0	0	0
RSZYD18187663_A_saliva.metaspades.bin.60	1	0	0	0	0
SZAXPI018397-37_RA_saliva.metaspades.bin.28	1	0	0	0	0
RSZYD18078481_A_saliva.metaspades.bin.7	1	0	0	0	0
RSZYD18187447_A_saliva.metaspades.bin.38	1	0	0	0	0
R0170300232_tooth_RA.megahit.bin.71	1	0	0	0	0

SZAXPI018406-56_RA_saliva.metaspades.bin.70	1	0	0	0	1
RSZAXPI002641-101_RA_dental.metaspades.bin.19	0.4	0	1	0	0
GCA_946406645.1_SRR12081302_bin.54_metaWRAP_v1.3_MAG	0.5	0	0	0	1
SRR8114052.metaspades.bin.61	1	0	0	0	0
SZAXPI018357-22_RA_saliva.metaspades.bin.38	1	0	0	0	0.5
GCA_947364965.1_SRR16350202_bin.8_metawrap_v1.3_MAG	1	0	0	0	0.5
R0170300110_tooth_RA.megahit.bin.38	0.8	0	0	0	0
RDPYD18300014_A_saliva.metaspades.bin.15	0.8	0	1	0	0
SZAXPI018492-24_RA_saliva.metaspades.bin.47	1	0	0	0	1
SZAXPI018358-23_RA_saliva.metaspades.bin.53	1	0	0	0	1
GCA_002437225.1_ASM243722v1	1	1	0	0	0.5
R0170300100_tooth_RA.megahit.bin.38	1	0	0	0	0.5
RDPYD18098889_A_saliva.metaspades.bin.64	1	0	0	0	0
GCA_004100265.1_ASM410026v1	0.4	0	1	1	0
SZAXPI018103-24_RA_dental.metaspades.bin.40	0.5	0	0	0	1
GCA_947364625.1_SRR16350215_bin.9_metawrap_v1.3_MAG	0.8	0	0	0	0.5
R0170300060_tooth_RA.megahit.bin.77	0.1	0	1	0	0
RDPYD18098861_A_saliva.metaspades.bin.17	1	0	0	0	0
RSZYD18078181_A_saliva.metaspades.bin.55	1	0	0	0	0
RSZYD18078555_A_saliva.metaspades.bin.67	0.8	0	0	0	0
RSZYD18187059_A_saliva.metaspades.bin.27	1	0	0	0	1
RSZYD18078446_A_saliva.metaspades.bin.25	1	0	0	0	0
RDPYD18098560_A_saliva.metaspades.bin.42	1	0	0	0	0
RDPYD18201938_A_saliva.metaspades.bin.16	1	0	0	0	0
RDPYD18098916_A_saliva.metaspades.bin.11	1	0	0	0	0
RDPYD18098308_A_saliva.metaspades.bin.70	1	0	0	0	0
R0170300118_tooth_RA.megahit.bin.46	1	0	0	0	0
RSZYD18187344_A_saliva.metaspades.bin.53	1	0	0	0	0
RDPYD18098966_A_saliva.metaspades.bin.10	1	0	0	0	0
RDPYD18098935_A_saliva.metaspades.bin.23	1	0	0	0	0
RSZYD18078705_A_saliva.metaspades.bin.21	1	0	0	0	0
YS000444_saliva.spades.bin.11	1	0	0	0	0
R0170300104_tooth_RA.megahit.bin.12	1	0	0	0	0
RSZYD18078225_A_saliva.metaspades.bin.17	1	0	0	0	0
RSZYD18078623_A_saliva.metaspades.bin.44	1	0	0	0	0
RDPYD18300076_A_saliva.metaspades.bin.3	1	0	0	0	0
SZAXPI018452-169_1_RA_saliva.metaspades.bin.16	1	0	0	0	0
RDPYD18097580_A_saliva.metaspades.bin.29	1	0	0	0	0
R0170300217_tooth_RA.megahit.bin.11	1	0	0	0	0
R0170300305_tooth_RAH.megahit.bin.5	1	0	0	0	0
RSZYD18187045_A_saliva.metaspades.bin.39	1	0	0	0	0
R0170300350_saliva_RA.megahit.bin.87	1	0	0	0	0
RDPYD18189965_A_saliva.metaspades.bin.61	1	0	0	0	0
RDPYD18201685_A_saliva.metaspades.bin.24	1	0	0	0	0
RSZYD18187124_A_saliva.metaspades.bin.16	1	0	0	0	0
RSZYD18078262_A_saliva.metaspades.bin.69	1	0	0	0	0
RSZYD18187112_A_saliva.metaspades.bin.35	1	0	0	0	0
R0170300296_tooth_RAH.megahit.bin.95	1	0	0	0	0
RSZAXPI002633-90_RA_dental.metaspades.bin.24	1	0	0	0	0
RDPYD18098794_A_saliva.metaspades.bin.6	1	0	0	0	0
RSZYD18187758_A_saliva.metaspades.bin.70	1	0	0	0	0
R0170300254_tooth_RAH.megahit.bin.73	0.7	0	1	0	0
RSZYD18187184_A_saliva.metaspades.bin.14	1	0	0	0	1
RSZYD18187330_A_saliva.metaspades.bin.30	0.9	0	0	0	1
R0170300214_tooth_RA.megahit.bin.54	0.8	0	1	0	0
GCA_934717805.1_ERR7745621_bin.22	1	0	0	0	0
RSZYD18078343_A_saliva.metaspades.bin.34	0.8	0	0	0	1
SZAXPI018286-123_RA_dental.metaspades.bin.94	1	0	0	0	1
RDPYD18201913_A_saliva.metaspades.bin.10	1	0	0	0	0
RSZYD18187002_A_saliva.metaspades.bin.39	1	0	0	0	1
GCA_020428425.1_ASM2042842v1	0.5	0	1	0	0
YS000721_saliva.spades.bin.7	1	0	0	0	0
R0170300224_tooth_RA.megahit.bin.6	0.5	0	1	0	0
R0170300251_tooth_RAH.megahit.bin.83	1	0	1	0	0
RDPYD18098785_A_saliva.metaspades.bin.37	0.8	0	0	0	0
GCA_020428525.1_ASM2042852v1	0.3	0	1	0	0.5
SZAXPI018315-17_RA_dental.metaspades.bin.21	0.8	0	0	0	0
RSZAXPI002614-22_RA_dental.metaspades.bin.18	1	0	0	0	0.5
RDPYD18189812_A_saliva.metaspades.bin.9	1	0	0	0	0
RDPYD18098375_A_saliva.metaspades.bin.22	1	0	0	0	0
SZAXPI018181-37_RA_dental.metaspades.bin.33	1	0	0	0	0.5
R0170300309_tooth_RAH.megahit.bin.15	1	0	0	0	0.5
RSZYD18187690_A_saliva.metaspades.bin.43	1	0	0	0	1
GCA_017540725.1_ASM1754072v1	0.5	0	0	0	1
RDPYD18088975_A_saliva.metaspades.bin.20	1	0	0	0	0
GCA_947253405.1_SRR17635715_bin.15_metaWRAP_v1.3_MAG	1	1	0	0	0.5
RDPYD18300020_A_saliva.metaspades.bin.20	1	0	0	0	0
R0170300061_tooth_RA.megahit.bin.55	1	0	0	0	0

GCA_009778675.1_ASM977867v1	0.9	0	0	0	0.5
RDPYD18201655_A_saliva.metaspades.bin.21	1	0	0	0	1
GCA_013333375.2_ASM1333337v2	1	0	0	0	1
R0170300248_tooth_RAH.megahit.bin.109	1	0	0	0	1
RDPYD18088954_A_saliva.metaspades.bin.47	0.8	0	0	0	0
RDPYD18088838_A_saliva.metaspades.bin.60	0.8	0	0	0	0
RDPYD18189907_A_saliva.metaspades.bin.2	1	0	0	0	0
RDPYD18098998_A_saliva.metaspades.bin.11	1	0	0	0	0
SZAXPI018433-84_RA_saliva.metaspades.bin.87	1	0	0	0	0
SZAXPI018490-22_RA_saliva.metaspades.bin.30	1	0	0	0	0
GCA_945872155.1_SRR15732359_bin.8_metaWRAP_v1.3_MAG	1	0	0	0	1
R0170300258_tooth_RAH.megahit.bin.73	1	0	1	0	0
RSZAXPI002310-19_RAH_dental.metaspades.bin.24	1	0	0	0	0.5
RDPYD18201891_A_saliva.metaspades.bin.24	0.8	0	0	0	0
RSZAXPI002313-22_RAH_dental.metaspades.bin.48	1	0	0	0	1
RDPYD18088781_A_saliva.metaspades.bin.15	0.3	0	1	0	0
GCA_943354725.1_RH-27jun17-331	0.1	0	1	0	0
R0170300057_tooth_RA.megahit.bin.6	0.8	0	1	0	0.5
R0170300251_tooth_RAH.megahit.bin.36	1	0	0	0	0.5
R0170300222_tooth_RA.megahit.bin.89	1	0	0	0	0.5
RSZAXPI002321-33_RAH_dental.metaspades.bin.29	1	0	0	0	0.5
GCA_915070725.1_SRR1045092_bin.5_metaWRAP_v1.1_MAG	1	0	0	0	0.5
GCA_947307445.1_SRR10912535_bin.43_metaWRAP_v1.3_MAG	0.6	0	0	0	1
R0170300106_tooth_RA.megahit.bin.39	1	0	0	0	0.5
R0170300276_tooth_RAH.megahit.bin.88	1	0	0	0	0.5
RSZYD18078259_A_saliva.metaspades.bin.22	1	0	0	0	1
R0170300213_tooth_RA.megahit.bin.121	0.8	0	0	0	0
GCA_946624835.1_SRR873600_bin.13_metaWRAP_v1.3_MAG	0.7	0	0	0	1
R0170300303_tooth_RAH.megahit.bin.44	1	0	0	0	1
SZAXPI018435-88_RA_saliva.metaspades.bin.58	1	0	0	0	0.5
GCA_905372225.1_SRR9217401-mag-bin.8	1	0	0	0	0.5
RSZAXPI002656-16_RA_dental.metaspades.bin.48	1	0	0	0	0.5
GCA_905365345.1_ERZ1645002-mag-bin.1	1	0	0	0	0.5
GCA_013333515.2_ASM1333351v2	1	0	0	0	0.5
RSZAXPI002330-47_RAH_dental.metaspades.bin.70	1	0	0	0	0.5
R0170300326_tooth_RA.megahit.bin.12	1	0	0	0	0.5
RSZYD18187275_A_saliva.metaspades.bin.59	1	0	0	0	0.5
SZAXPI018171-25_1_RA_dental.metaspades.bin.83	1	0	0	0	0.5
SZAXPI018284-111_RA_dental.metaspades.bin.3	1	0	0	0	0.5
R0170300178_tooth_RA.megahit.bin.23	1	0	0	0	0.5
R0170300133_tooth_RA.megahit.bin.60	1	0	0	0	0.5
RDPYD18300015_A_saliva.metaspades.bin.29	1	0	0	0	1
SZAXPI018453-13_RA_saliva.metaspades.bin.39	1	0	0	0	0
SZAXPI018097-18_RA_dental.metaspades.bin.87	1	0	0	0	0.5
R0170300205_tooth_RA.megahit.bin.38	1	0	0	0	0.5
R0170300255_tooth_RAH.megahit.bin.7	1	0	0	0	0.5
GCA_905373385.1_SRR9217464-mag-bin.2	1	0	0	0	0.5
R0170300282_tooth_RAH.megahit.bin.15	1	0	0	0	0.5
RSZAXPI002675-22_RA_dental.metaspades.bin.45	1	0	0	0	0.5
R0170300214_tooth_RA.megahit.bin.92	0.8	0	0	0	0.5
GCA_015257485.1_ASM1525748v1	0.8	0	0	0	1
RSZAXPI002305-14_RAH_dental.metaspades.bin.64	1	0	0	0	0.5
R0170300065_tooth_RA.megahit.bin.77	1	0	0	0	0.5
SZAXPI018354-19_RA_saliva.metaspades.bin.2	1	0	0	0	0.5
R0170300127_tooth_RA.megahit.bin.7	1	0	0	0	0.5
R0170300176_tooth_RA.megahit.bin.83	1	0	0	0	0.5
SZAXPI018397-37_RA_saliva.metaspades.bin.18	0.8	0	0	0	1
RSZAXPI002633-90_RA_dental.metaspades.bin.54	1	0	0	0	0.5
RSZYD18187116_A_saliva.metaspades.bin.9	1	0	0	0	0
RSZYD18187537_A_saliva.metaspades.bin.34	1	0	0	0	0
RSZAXPI002639-98_RA_dental.metaspades.bin.8	1	0	0	0	0
R0170300312_tooth_RAH.megahit.bin.31	1	0	0	0	0
R0170300267_tooth_RAH.megahit.bin.18	0.8	0	0	0	0.5
SZAXPI018178-34_RA_dental.metaspades.bin.52	1	0	0	0	0.5
YS000161_saliva.spades.bin.8	0.8	0	0	0	0
R0170300303_tooth_RAH.megahit.bin.143	1	0	0	0	0.5
R0170300121_tooth_RA.megahit.bin.23	1	0	0	0	0.5
R0170300120_tooth_RA.megahit.bin.52	1	0	0	0	0.5
RSZAXPI002306-15_2_RAH_saliva.metaspades.bin.36	1	0	0	0	0
RSZYD18187382_A_saliva.metaspades.bin.10	1	0	0	0	0
GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG	0.7	0	0	0	0.5
R0170300092_tooth_RA.megahit.bin.31	1	0	0	0	0.5
R0170300185_tooth_RA.megahit.bin.44	1	0	0	0	0.5
R0170300187_tooth_RA.megahit.bin.41	1	0	0	0	0.5
GCA_001790455.1_ASM179045v1	0.2	0	1	0	0.5
RSZAXPI002604-26_RA_dental.metaspades.bin.6	1	0	0	0	0.5
R0170300110_tooth_RA.megahit.bin.49	1	0	0	0	0.5
RDPYD18189858_A_saliva.metaspades.bin.62	0.8	0	0	0	0.5

YS000259_saliva.spades.bin.14	0.8	0	0	0	0
R0170300207_tooth_RA.megahit.bin.65	1	0	0	0	0.5
GCA_016112465.1_ASM1611246v1	0.8	0	0	0	1
SZAXPI018094-15_RA_dental.metaspades.bin.29	1	0	0	0	0.5
RSZAXPI002331-56_RAH_dental.metaspades.bin.18	1	0	0	0	0.5
R0170300136_tooth_RA.megahit.bin.26	1	0	0	0	0.5
RSZAXPI002456-79_RAH_dental.metaspades.bin.34	1	0	0	0	0.5
YS000254_saliva.spades.bin.23	1	0	0	0	0.5
R0170300182_tooth_RA.megahit.bin.100	1	0	0	0	0.5
RSZYD18187330_A_saliva.metaspades.bin.47	1	0	0	0	0.5
SZAXPI018096-17_RA_dental.metaspades.bin.67	1	0	0	0	0.5
R0170300170_tooth_RA.megahit.bin.136	1	0	0	0	0.5
SZAXPI018282-108_RA_dental.metaspades.bin.70	1	0	0	0	0.5
R0170300321_tooth_RAH.megahit.bin.95	1	0	0	0	0
R0170300172_tooth_RA.megahit.bin.52	1	0	0	0	0.5
R0170300162_tooth_RA.megahit.bin.4	1	0	0	0	0
R0170300325_tooth_RA.megahit.bin.8	1	0	0	0	0.5
RSZYD18078111_A_saliva.metaspades.bin.26	1	0	0	0	0.5
RDPYD18300036_A_saliva.metaspades.bin.53	0.8	0	0	0	1
R0170300355_saliva_RA.megahit.bin.8	1	0	0	0	0.5
GCA_004138455.1_ASM413845v1	1	0	0	0	0.5
R0170300287_tooth_RAH.megahit.bin.151	1	0	0	0	0.5
RSZAXPI002455-75_RAH_dental.metaspades.bin.27	1	0	0	0	0.5
R0170300310_tooth_RAH.megahit.bin.34	1	0	0	0	0.5
R0170300302_tooth_RAH.megahit.bin.56	1	0	0	0	0.5
RDPYD18189835_A_saliva.metaspades.bin.31	0.9	0	0	0	1
R0170300232_tooth_RA.megahit.bin.10	1	0	0	0	0.5
RSZAXPI002622-39_RA_saliva.metaspades.bin.19	0.7	0	0	0	1
RDPYD18088981_A_saliva.metaspades.bin.1	0.8	0	0	0	1
R0170300083_tooth_RA.megahit.bin.110	1	0	0	0	0.5
R0170300277_tooth_RAH.megahit.bin.80	1	0	0	0	0.5
SZAXPI018320-22_RA_dental.metaspades.bin.9	1	0	0	0	0.5
RSZYD18187542_A_saliva.metaspades.bin.26	0.6	0	1	0	0
SZAXPI018313-15_RA_dental.metaspades.bin.43	0.9	0	0	0	0.5
R0170300272_tooth_RAH.megahit.bin.14	1	0	0	0	0.5
R0170300203_tooth_RA.megahit.bin.29	1	0	0	0	0.5
SZAXPI018274-87_RA_dental.metaspades.bin.66	1	0	0	0	0.5
R0170300263_tooth_RAH.megahit.bin.26	1	0	0	0	0.5
RSZAXPI002627-75_RA_dental.metaspades.bin.25	1	0	0	0	0.5
R0170300206_tooth_RA.megahit.bin.6	1	0	0	0	0.5
R0170300149_tooth_RA.megahit.bin.28	1	0	0	0	0.5
R0170300252_tooth_RAH.megahit.bin.32	1	0	0	0	0.5
GCA_027365555.1_ASM2736555v1	0.3	0	1	1	0
R0170300356_saliva_RA.megahit.bin.101	0.9	0	0	0	0
R0170300279_tooth_RAH.megahit.bin.93	1	0	0	0	0.5
RSZAXPI002620-35_RA_dental.metaspades.bin.60	1	0	0	0	0.5
GCA_947304825.1_SRR10912542_bin.28_metaWRAP_v1.3_MAG	0.8	1	0	0	0.5
R0170300139_tooth_RA.megahit.bin.95	1	0	0	0	0.5
RDPYD18189959_A_saliva.metaspades.bin.31	1	0	0	0	1
RSZAXPI002465-98_2_RAH_saliva.metaspades.bin.9	0.7	0	0	0	1
RDPYD18099036_A_saliva.metaspades.bin.59	1	0	0	0	0
RSZAXPI002312-21_RAH_dental.metaspades.bin.14	1	0	0	0	0.5
R0170300306_tooth_RAH.megahit.bin.102	1	0	0	0	0.5
ERR2764804.metaspades.bin.10	0.9	0	0	0	0
GCA_902461855.1_UHGG-TPA_MGYG-HGUT-00376	0.8	0	0	0	0.5
SZAXPI018355-20_RA_saliva.metaspades.bin.45	1	0	0	0	0.5
R0170300285_tooth_RAH.megahit.bin.21	1	0	0	0	0.5
R0170300311_tooth_RAH.megahit.bin.92	0.8	0	0	0	0.5
R0170300279_tooth_RAH.megahit.bin.30	1	0	0	0	0.5
RSZYD18078398_A_saliva.metaspades.bin.15	1	0	0	0	0.5
RSZYD18078570_A_saliva.metaspades.bin.17	1	0	0	0	0.5
GCA_947097085.1_SRR8786267_bin.10_metaWRAP_v1.3_MAG	1	0	0	0	0.5
GCA_905373275.1_SRR9217462-mag-bin.7	1	0	0	0	0.5
R0170300200_tooth_RA.megahit.bin.29	1	0	0	0	0.5
R0170300078_tooth_RA.megahit.bin.66	1	0	0	0	0.5
RSZYD18187614_A_saliva.metaspades.bin.13	0.9	0	0	0	0
R0170300308_tooth_RAH.megahit.bin.62	1	0	0	0	0.5
RDPYD18189875_A_saliva.metaspades.bin.4	1	0	1	0	0
R0170300115_tooth_RA.megahit.bin.91	1	0	0	0	0.5
R0170300145_tooth_RA.megahit.bin.69	1	0	0	0	0.5
RSZAXPI002603-21_RA_dental.metaspades.bin.30	1	0	0	0	0.5
RSZAXPI002460-93_2_RAH_saliva.metaspades.bin.39	0.9	0	0	0	0
RSZYD18187409_A_saliva.metaspades.bin.8	0.9	0	1	0	0
RSZYD18187801_A_saliva.metaspades.bin.74	0.9	0	0	0	0
R0170300183_tooth_RA.megahit.bin.33	1	0	0	0	0.5
R0170300155_tooth_RA.megahit.bin.58	1	0	0	0	0.5
RSZYD18187711_A_saliva.metaspades.bin.3	0.5	0	0	0	0
R0170300266_tooth_RAH.megahit.bin.24	1	0	0	0	0.5

R0170300217_tooth_RA.megahit.bin.23	1	0	0	0	0.5
SZAXPI018396-36_RA_saliva.metaspades.bin.56	0.8	0	0	0	0.5
R0170300290_tooth_RAH.megahit.bin.12	0.8	0	0	0	0.5
RSZYD18187349_A_saliva.metaspades.bin.40	0.8	0	0	0	0
R0170300288_tooth_RAH.megahit.bin.40	0.9	0	0	0	0.5
RSZYD18187174_A_saliva.metaspades.bin.29	0.8	0	0	0	1
RDPYD18123882_A_tongue.metaspades.bin.29	0.6	0	0	0	0
RSZYD18187327_A_saliva.metaspades.bin.15	0.5	0	0	0	1
RDPYD18098591_A_saliva.metaspades.bin.49	0.9	0	0	0	0
SZAXPI018279-94_RA_dental.metaspades.bin.16	0.9	0	0	0	0.5
R0170300270_tooth_RAH.megahit.bin.32	0.8	0	0	0	0
RDPYD18201775_A_saliva.metaspades.bin.17	0.7	0	0	0	0
RSZAXPI002629-81_RA_dental.metaspades.bin.82	0.9	0	0	0	0.5
R0170300051_tooth_RA.megahit.bin.56	1	0	0	0	0.5
GCA_017512225.1_ASM1751222v1	0.5	1	0	0	0.5
R0170300219_tooth_RA.megahit.bin.90	0.9	0	0	0	0
RSZYD18078542_A_saliva.metaspades.bin.52	0.7	0	0	0	0.5
GCA_004138445.1_ASM413844v1	0.5	0	0	0	0.5
R0170300228_tooth_RA.megahit.bin.36	0.5	0	0	0	0.5
RSZAXPI002619-34_RA_dental.metaspades.bin.45	0.3	0	0	0	0
GCA_026708245.1_ASM2670824v1	0	0	0	0	0
GCA_026707815.1_ASM2670781v1	0	0	0	0	0
GCA_026706615.1_ASM2670661v1	0	0	0	0	0

Supplementary Table 3d. KO in different modules of Saccharibacteria

Genome	KO	Module
RSZYD18078446_A_saliva.metaspades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018396-36_RA_saliva.metaspades.bin.56	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027492535.1_ASM2749253v1_genomic	{'K01834', 'K01689', 'K00927', 'K01803'}	M00002
GCA_027492535.1_ASM2749253v1_genomic	{'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
RSZYD18187511_A_saliva.metaspades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187511_A_saliva.metaspades.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018312-14_RA_dental.metaspades.bin.43	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018312-14_RA_dental.metaspades.bin.43	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187613_A_saliva.metaspades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187613_A_saliva.metaspades.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018318-20_RA_dental.metaspades.bin.38	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018318-20_RA_dental.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027426675.1_ASM2742667v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_027426675.1_ASM2742667v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_020428475.1_ASM2042847v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_020428475.1_ASM2042847v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300242_tooth_RAH.megahit.bin.95	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300242_tooth_RAH.megahit.bin.95	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300272_tooth_RAH.megahit.bin.25	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300272_tooth_RAH.megahit.bin.25	{'K02108', 'K02109', 'K02112', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
RSZYD18078015_A_saliva.metaspades.bin.19	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078015_A_saliva.metaspades.bin.19	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR6748184.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748184.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002323-35_RAH_dental.metaspades.bin.28	{'K01834', 'K01689', 'K00873'}	M00002
RSZAXPI002323-35_RAH_dental.metaspades.bin.28	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187853_A_saliva.metaspades.bin.37	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187853_A_saliva.metaspades.bin.37	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300290_tooth_RAH.megahit.bin.111	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300290_tooth_RAH.megahit.bin.111	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187120_A_saliva.metaspades.bin.19	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187120_A_saliva.metaspades.bin.19	{'K00625', 'K00925'}	M00579
SZAXPI018315-17_RA_dental.metaspades.bin.12	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018315-17_RA_dental.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905372225.1_SRR9217401-mag-bin.8_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300145_tooth_RA.megahit.bin.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300145_tooth_RA.megahit.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18097607_A_saliva.metaspades.bin.40	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114009.metaspades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114009.metaspades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903832815.1_freshwater_MAG_---_AM-lipid-01-D1_bin-110_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903832815.1_freshwater_MAG_---_AM-lipid-01-D1_bin-110_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903832815.1_freshwater_MAG_---_AM-lipid-01-D1_bin-110_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18098839_A_saliva.metaspades.bin.19	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098839_A_saliva.metaspades.bin.19	{'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
R0170300311_tooth_RAH.megahit.bin.11	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300311_tooth_RAH.megahit.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_010202265.1_ASM1020226v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_010202265.1_ASM1020226v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300271_A_saliva.metaspades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RDPYD18300271_A_saliva.metaspades.bin.13	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
RDPYD18189868_A_saliva.metaspades.bin.61	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189868_A_saliva.metaspades.bin.61	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189925_A_saliva.metaspades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189925_A_saliva.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000462_saliva.spades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000462_saliva.spades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002405335.1_ASM240533v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002405335.1_ASM240533v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002405335.1_ASM240533v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_002425145.1_ASM242514v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002425145.1_ASM242514v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_002425145.1_ASM242514v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_017652765.1_ASM1765276v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017652765.1_ASM1765276v1_genomic	{'K01897'}	M00086
GCA_017652765.1_ASM1765276v1_genomic	{'K00625', 'K00925'}	M00579
YS000754_saliva.spades.bin.30	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000754_saliva.spades.bin.30	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300221_tooth_RA.megahit.bin.19	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300221_tooth_RA.megahit.bin.19	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300065_tooth_RA.megahit.bin.81	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300065_tooth_RA.megahit.bin.81	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300303_tooth_RAH.megahit.bin.143	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017515285.1_ASM1751528v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002318-27_RAH_dental.metaspades.bin.53	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002318-27_RAH_dental.metaspades.bin.53	{'K00625', 'K00925'}	M00579
R0170300217_tooth_RA.megahit.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098844_A_saliva.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018180-36_RA_dental.metaspades.bin.4	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018180-36_RA_dental.metaspades.bin.4	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
RSZYD18187848_A_saliva.metaspades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187848_A_saliva.metaspades.bin.3	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
RDPYD18098560_A_saliva.metaspades.bin.42	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017556795.1_ASM1755679v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017556795.1_ASM1755679v1_genomic	{'K01897'}	M00086
GCA_017556795.1_ASM1755679v1_genomic	{'K00625', 'K00925'}	M00579
SZAXPI018320-22_RA_dental.metaspades.bin.29	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018320-22_RA_dental.metaspades.bin.29	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300156_tooth_RA.megahit.bin.76	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300156_tooth_RA.megahit.bin.76	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189960_A_saliva.metaspades.bin.59	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189960_A_saliva.metaspades.bin.59	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300306_tooth_RAH.megahit.bin.102	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027315225.1_ASM2731522v1_genomic	{'K01834', 'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027315225.1_ASM2731522v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027315225.1_ASM2731522v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18300127_A_saliva.metaspades.bin.55	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300149_tooth_RA.megahit.bin.32	{'K01834', 'K01689', 'K00873'}	M00002

R0170300149_tooth_RA.megahit.bin.32	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300246_tooth_RAH.megahit.bin.19	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300246_tooth_RAH.megahit.bin.19	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947366925.1_SRR15322611_bin.1_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947366925.1_SRR15322611_bin.1_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_genomic	{'K01897'}	M00086
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300244_tooth_RAH.megahit.bin.80	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300244_tooth_RAH.megahit.bin.80	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18097619_A_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18097619_A_saliva.metaspades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427615.1_ASM2742761v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427615.1_ASM2742761v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427495.1_ASM2742749v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427495.1_ASM2742749v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002622-39_RA_saliva.metaspades.bin.19	{'K01689', 'K00927', 'K01803', 'K00873'}	M00002
RSZAXPI002622-39_RA_saliva.metaspades.bin.19	{'K00625', 'K00925'}	M00579
YS000376_saliva.spades.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000376_saliva.spades.bin.26	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078181_A_saliva.metaspades.bin.24	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078181_A_saliva.metaspades.bin.24	{'K00625', 'K00925'}	M00579
GCA_001790625.1_ASM179062v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001790625.1_ASM179062v1_genomic	{'K02297'}	M00417
SRR6748162.metaspades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748162.metaspades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000364_saliva.spades.bin.27	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000364_saliva.spades.bin.27	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
GCA_002348615.1_ASM234861v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002348615.1_ASM234861v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_002348615.1_ASM234861v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_943914775.1_Tcv98XDF6C_bin.50.MAG_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_943914775.1_Tcv98XDF6C_bin.50.MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201616_A_saliva.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300266_tooth_RAH.megahit.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_020428105.1_ASM2042810v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_020428105.1_ASM2042810v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_020428105.1_ASM2042810v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187330_A_saliva.metaspades.bin.30	{'K15633', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RSZYD18187330_A_saliva.metaspades.bin.30	{'K00625', 'K00925'}	M00579
RSZAXPI002619-34_RA_dental.metaspades.bin.39	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002619-34_RA_dental.metaspades.bin.39	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018096-17_RA_dental.metaspades.bin.67	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_020428525.1_ASM2042852v1_genomic	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
GCA_005697055.1_ASM569705v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_005697055.1_ASM569705v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300066_A_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300066_A_saliva.metaspades.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017983575.1_ASM1798357v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017983575.1_ASM1798357v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300308_tooth_RAH.megahit.bin.62	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300297_tooth_RAH.megahit.bin.78	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300297_tooth_RAH.megahit.bin.78	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000205_saliva.spades.bin.1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000205_saliva.spades.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000921_saliva.spades.bin.23	{'K01834', 'K00927', 'K01803', 'K00873'}	M00002
YS000921_saliva.spades.bin.23	{'K02108', 'K02109', 'K02112', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
RSZYD18078111_A_saliva.metaspades.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187903_A_saliva.metaspades.bin.45	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187903_A_saliva.metaspades.bin.45	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300232_tooth_RA.megahit.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017404285.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017404285.1	{'K01897'}	M00086
GCA_017404285.1	{'K00925', 'K00625', 'K13788'}	M00579
RSZAXPI002308-17_RAH_dental.metaspades.bin.14	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002308-17_RAH_dental.metaspades.bin.14	{'K00625', 'K00925'}	M00579
YS000236_saliva.spades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000236_saliva.spades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001790525.1_ASM179052v1_genomic	{'K00927', 'K15634', 'K01689', 'K01803', 'K00134'}	M00002
GCA_001790525.1_ASM179052v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187841_A_saliva.metaspades.bin.58	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187841_A_saliva.metaspades.bin.58	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002470-105_RAH_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017613135.1_ASM1761313v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017613135.1_ASM1761313v1_genomic	{'K01897'}	M00086
GCA_017613135.1_ASM1761313v1_genomic	{'K00625', 'K00925'}	M00579
GCA_017432505.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017432505.1	{'K01897'}	M00086
GCA_017432505.1	{'K00625', 'K00925'}	M00579
SZAXPI018291-142_RA_dental.metaspades.bin.37	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189930_A_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189930_A_saliva.metaspades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027332225.1_ASM2733222v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027332225.1_ASM2733222v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_905372785.1_SRR9217428-mag-bin.23_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905372785.1_SRR9217428-mag-bin.23_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946548715.1_SRR1222429_bin.13_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946548715.1_SRR1222429_bin.13_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_946548715.1_SRR1222429_bin.13_metaWRAP_v1.3_MAG_genomic	{'K00925', 'K13788'}	M00579
R0170300252_tooth_RAH.megahit.bin.91	{'K01834', 'K01689', 'K00873'}	M00002
R0170300252_tooth_RAH.megahit.bin.91	{'K02108', 'K02109', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
RDPYD18123880_A_tongue.metaspades.bin.23	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18123880_A_tongue.metaspades.bin.23	{'K00625', 'K00925'}	M00579
RDPYD18189833_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189833_A_saliva.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_916439725.1_DRR214962_bin.20_metaWRAP_v1.1_MAG_genomic	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001790435.1_ASM179043v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001790435.1_ASM179043v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_001790435.1_ASM179043v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300214_tooth_RA.megahit.bin.92	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098900_A_saliva.metaspades.bin.51	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098900_A_saliva.metaspades.bin.51	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_017510025.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510025.1	{'K01897'}	M00086

GCA_017510025.1	{'K00925', 'K00625', 'K13788'}	M00579
GCA_015257705.1_ASM1525770v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015257705.1_ASM1525770v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017545525.1_ASM1754552v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017545525.1_ASM1754552v1_genomic	{'K01897'}	M00086
R0170300272_tooth_RAH.megahit.bin.87	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300272_tooth_RAH.megahit.bin.87	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201938_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300194_tooth_RA.megahit.bin.108	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300194_tooth_RA.megahit.bin.108	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18075171_A_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18075171_A_saliva.metaspades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_025450135.1_ASM2545013v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_025450135.1_ASM2545013v1_genomic	{'K02298', 'K02297'}	M00417
RDPYD18098916_A_saliva.metaspades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078571_A_saliva.metaspades.bin.52	{'K02108', 'K02109', 'K02112', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_017404685.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017404685.1	{'K01897'}	M00086
GCA_017404685.1	{'K00625', 'K00925'}	M00579
SZAXPI018282-108_RA_dental.metaspades.bin.30	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018282-108_RA_dental.metaspades.bin.30	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018359-24_RA_saliva.metaspades.bin.78	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088987_A_saliva.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088987_A_saliva.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018178-34_RA_dental.metaspades.bin.62	{'K01834', 'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018178-34_RA_dental.metaspades.bin.62	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300223_tooth_RA.megahit.bin.10	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300223_tooth_RA.megahit.bin.10	{'K00625', 'K00925'}	M00579
R0170300137_tooth_RA.megahit.bin.75	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300137_tooth_RA.megahit.bin.75	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427655.1_ASM2742765v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427655.1_ASM2742765v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_024697865.1_ASM2469786v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_024697865.1_ASM2469786v1_genomic	{'K01897'}	M00086
GCA_024697865.1_ASM2469786v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905370345.1_DRR046104-mag-bin.8_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905370345.1_DRR046104-mag-bin.8_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002343565.1_ASM234356v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002343565.1_ASM234356v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002343565.1_ASM234356v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_017515785.1_ASM1751578v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017515785.1_ASM1751578v1_genomic	{'K01897'}	M00086
R0170300279_tooth_RAH.megahit.bin.3	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300279_tooth_RAH.megahit.bin.3	{'K00625', 'K00925'}	M00579
SZAXPI018492-24_RA_saliva.metaspades.bin.47	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018492-24_RA_saliva.metaspades.bin.47	{'K00625', 'K00925'}	M00579
R0170300197_tooth_RA.megahit.bin.71	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300197_tooth_RA.megahit.bin.71	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000607_saliva.spades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000607_saliva.spades.bin.9	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
R0170300260_tooth_RAH.megahit.bin.14	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300260_tooth_RAH.megahit.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_022828375.1_ASM2282837v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022828375.1_ASM2282837v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_927910745.1_ERR3827327_bin.3_metaWRAP_v1.1_MAG_genomic	{'K01834', 'K01689', 'K00873'}	M00002
GCA_927910745.1_ERR3827327_bin.3_metaWRAP_v1.1_MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018279-94_RA_dental.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
GCA_017510905.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510905.1	{'K01897'}	M00086
R0170300153_tooth_RA.megahit.bin.106	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300153_tooth_RA.megahit.bin.106	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427575.1_ASM2742757v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427575.1_ASM2742757v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187064_A_saliva.metaspades.bin.52	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187064_A_saliva.metaspades.bin.52	{'K02108', 'K02109', 'K02112', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
RSZAXPI002331-56_RAH_dental.metaspades.bin.43	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002331-56_RAH_dental.metaspades.bin.43	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078152_A_saliva.metaspades.bin.41	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078152_A_saliva.metaspades.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300356_saliva_RA.megahit.bin.101	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RSZYD18078325_A_saliva.metaspades.bin.95	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078325_A_saliva.metaspades.bin.95	{'K00625', 'K00925'}	M00579
RSZYD18078438_A_saliva.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078438_A_saliva.metaspades.bin.6	{'K02108', 'K02109', 'K02112', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
RDPYD18098308_A_saliva.metaspades.bin.70	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300149_tooth_RA.megahit.bin.28	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001029695.1_ASM102969v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001029695.1_ASM102969v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187382_A_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098341_A_saliva.metaspades.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RDPYD18098341_A_saliva.metaspades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187023_A_saliva.metaspades.bin.32	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078747_A_saliva.metaspades.bin.1	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078747_A_saliva.metaspades.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427215.1_ASM2742721v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427215.1_ASM2742721v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18300036_A_saliva.metaspades.bin.53	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300036_A_saliva.metaspades.bin.53	{'K00625', 'K00925'}	M00579
GCA_013394755.1_ASM1339475v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013394755.1_ASM1339475v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000581_saliva.spades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000581_saliva.spades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098470_A_saliva.metaspades.bin.42	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300189_tooth_RA.megahit.bin.1	{'K01834', 'K01689', 'K00873'}	M00002
R0170300189_tooth_RA.megahit.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300117_tooth_RA.megahit.bin.12	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300117_tooth_RA.megahit.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_918593335.1_timonensis_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_918593335.1_timonensis_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002371895.1_ASM237189v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002371895.1_ASM237189v1_genomic	{'K01897'}	M00086
GCA_002371895.1_ASM237189v1_genomic	{'K00625', 'K00925'}	M00579
R0170300213_tooth_RA.megahit.bin.121	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002682-32_RA_saliva.metaspades.bin.12	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002682-32_RA_saliva.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

RSZYD18078590_A_saliva.metaspades.bin.50	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187739_A_saliva.metaspades.bin.22	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_009691435.1_ASM969143v1_genomic	{'K01689', 'K00927', 'K01803', 'K00134'}	M00002
GCA_009691435.1_ASM969143v1_genomic	{'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
GCA_017511645.1	{'K01897'}	M00086
GCA_017511645.1	{'K00625', 'K00925'}	M00579
RSZYD18078212_A_saliva.metaspades.bin.24	{'K01834', 'K01689', 'K00134', 'K00873'}	M00002
RSZYD18078212_A_saliva.metaspades.bin.24	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187244_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187244_A_saliva.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187344_A_saliva.metaspades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187344_A_saliva.metaspades.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002319-31_RAH_dental.metaspades.bin.72	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002319-31_RAH_dental.metaspades.bin.72	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946890805.1_SRR12830918_bin.6_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946890805.1_SRR12830918_bin.6_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_017511845.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017511845.1	{'K01897'}	M00086
GCA_017511845.1	{'K00625', 'K00925'}	M00579
GCA_017545595.1_ASM1754559v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000625_saliva.spades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000625_saliva.spades.bin.29	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947296925.1_SRR19390379_bin.6_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947296925.1_SRR19390379_bin.6_metawrap_v1.3_MAG_genomic	{'K00925', 'K00625', 'K13788'}	M00579
GCA_027340605.1_ASM2734060v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_027340605.1_ASM2734060v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027340605.1_ASM2734060v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300175_tooth_RA.megahit.bin.20	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300175_tooth_RA.megahit.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013815785.1_ASM1381578v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013815785.1_ASM1381578v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_013815785.1_ASM1381578v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18078167_A_saliva.metaspades.bin.4	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078167_A_saliva.metaspades.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300214_tooth_RA.megahit.bin.54	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300214_tooth_RA.megahit.bin.54	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017510925.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510925.1	{'K01897'}	M00086
RSZAXPI002681-31_RA_saliva.metaspades.bin.57	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002681-31_RA_saliva.metaspades.bin.57	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078648_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078648_A_saliva.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427675.1_ASM2742767v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427675.1_ASM2742767v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300202_tooth_RA.megahit.bin.34	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300202_tooth_RA.megahit.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187460_A_saliva.metaspades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187460_A_saliva.metaspades.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903946795.1_freshwater_MAG_---_Loc090907-4m_bin-620_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903946795.1_freshwater_MAG_---_Loc090907-4m_bin-620_genomic	{'K02108', 'K02109', 'K02111', 'K02110', 'K02113'}	M00157
YS000161_saliva.spades.bin.8	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
R0170300181_tooth_RA.megahit.bin.83	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300181_tooth_RA.megahit.bin.83	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017404725.1	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187065_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187065_A_saliva.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078172_A_saliva.metaspades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078172_A_saliva.metaspades.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300287_tooth_RAH.megahit.bin.57	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300287_tooth_RAH.megahit.bin.57	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_900757685.1_ERS537356_50_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_900757685.1_ERS537356_50_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_943358135.1_MsH-01oct19-288_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_943358135.1_MsH-01oct19-288_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016187175.1_ASM1618717v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078570_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000234_saliva.spades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000234_saliva.spades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002609-25_RA_dental.metaspades.bin.20	{'K01834', 'K01689', 'K00873'}	M00002
RSZAXPI002609-25_RA_dental.metaspades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_019352195.1_ASM1935219v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_019352195.1_ASM1935219v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_019352195.1_ASM1935219v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_003022365.1_ASM302236v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003022365.1_ASM302236v1_genomic	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
SZAXPI018191-57_RA_dental.metaspades.bin.69	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018191-57_RA_dental.metaspades.bin.69	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946411665.1_SRR12081298_bin.32_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K00134', 'K00873'}	M00002
GCA_946411665.1_SRR12081298_bin.32_metaWRAP_v1.3_MAG_genomic	{'K00925', 'K00625', 'K13788'}	M00579
R0170300208_tooth_RA.megahit.bin.81	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300208_tooth_RA.megahit.bin.81	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017460305.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
GCA_017460305.1	{'K01897'}	M00086
GCA_017460305.1	{'K00625', 'K00925'}	M00579
R0170300338_saliva_RA.megahit.bin.56	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300338_saliva_RA.megahit.bin.56	{'K02108', 'K02109', 'K02112', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
GCA_014377525.1_ASM1437752v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_014377525.1_ASM1437752v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_014377525.1_ASM1437752v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187123_A_saliva.metaspades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187123_A_saliva.metaspades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018320-22_RA_dental.metaspades.bin.15	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018320-22_RA_dental.metaspades.bin.15	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300056_tooth_RA.megahit.bin.105	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300056_tooth_RA.megahit.bin.105	{'K00925', 'K00625', 'K13788'}	M00579
YS000906_saliva.spades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
YS000906_saliva.spades.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_010202465.1_ASM1020246v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_010202465.1_ASM1020246v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300053_tooth_RA.megahit.bin.84	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300053_tooth_RA.megahit.bin.84	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002304695.1_ASM230469v1_genomic	{'K02108', 'K02109', 'K02112', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_002304695.1_ASM230469v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300133_tooth_RA.megahit.bin.51	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300133_tooth_RA.megahit.bin.51	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

RSZYD18187327_A_saliva.metaspades.bin.15	{'K00625', 'K00925'}	M00579
RSZYD18078228_A_saliva.metaspades.bin.31	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078228_A_saliva.metaspades.bin.31	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098964_A_saliva.metaspades.bin.45	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098964_A_saliva.metaspades.bin.45	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017404335.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017404335.1	{'K01897'}	M00086
GCA_017404335.1	{'K00925', 'K13788'}	M00579
GCA_947425995.1_SRR19981123_bin.1_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300267_tooth_RAH.megahit.bin.18	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300304_tooth_RAH.megahit.bin.45	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300304_tooth_RAH.megahit.bin.45	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RSZAXPI002326-41_RAH_dental.metaspades.bin.62	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002326-41_RAH_dental.metaspades.bin.62	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000135_saliva.spades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000135_saliva.spades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187656_A_saliva.metaspades.bin.41	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187656_A_saliva.metaspades.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300161_tooth_RA.megahit.bin.150	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300161_tooth_RA.megahit.bin.150	{'K00625', 'K00925'}	M00579
RDPYD18300227_A_saliva.metaspades.bin.33	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300227_A_saliva.metaspades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000057_saliva.spades.bin.9	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
YS000057_saliva.spades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_007845485.1_ASM784548v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_007845485.1_ASM784548v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002470-105_2_RAH_saliva.metaspades.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078489_A_saliva.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078489_A_saliva.metaspades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300196_tooth_RA.megahit.bin.11	{'K01834', 'K01689', 'K00873'}	M00002
R0170300196_tooth_RA.megahit.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300061_tooth_RA.megahit.bin.12	{'K01834', 'K01689', 'K00873'}	M00002
R0170300061_tooth_RA.megahit.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300392_saliva_RAH.megahit.bin.14	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300392_saliva_RAH.megahit.bin.14	{'K00625', 'K00925'}	M00579
SZAXPI018280-95_RA_dental.metaspades.bin.19	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903859325.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0230_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903859325.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0230_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_903859325.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0230_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
YS000216_saliva.spades.bin.15	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000216_saliva.spades.bin.15	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RSZYD18187540_A_saliva.metaspades.bin.35	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RSZYD18187540_A_saliva.metaspades.bin.35	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018394-33_RA_saliva.metaspades.bin.17	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018394-33_RA_saliva.metaspades.bin.17	{'K00625', 'K00925'}	M00579
RSZAXPI002314-23_RAH_dental.metaspades.bin.51	{'K15633', 'K00927', 'K01689', 'K00134', 'K00873'}	M00002
RSZAXPI002314-23_RAH_dental.metaspades.bin.51	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300118_tooth_RA.megahit.bin.46	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300056_tooth_RA.megahit.bin.17	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300056_tooth_RA.megahit.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300091_A_saliva.metaspades.bin.39	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018318-20_RA_dental.metaspades.bin.22	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300300_tooth_RAH.megahit.bin.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300300_tooth_RAH.megahit.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017991755.1_ASM1799175v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017991755.1_ASM1799175v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300158_tooth_RA.megahit.bin.24	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300158_tooth_RA.megahit.bin.24	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300230_tooth_RA.megahit.bin.36	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300230_tooth_RA.megahit.bin.36	{'K00625', 'K00925'}	M00579
R0170300305_tooth_RAH.megahit.bin.21	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300305_tooth_RAH.megahit.bin.21	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
R0170300129_tooth_RA.megahit.bin.41	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300129_tooth_RA.megahit.bin.41	{'K00925', 'K00625', 'K13788'}	M00579
GCA_947087275.1_SRR14038240_bin.4_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947087275.1_SRR14038240_bin.4_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_016699895.1_ASM1669989v1_genomic	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016699895.1_ASM1669989v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013100845.1_ASM1310084v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013100845.1_ASM1310084v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018190-56_RA_dental.metaspades.bin.64	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018190-56_RA_dental.metaspades.bin.64	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000438_saliva.spades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000438_saliva.spades.bin.9	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
R0170300127_tooth_RA.megahit.bin.43	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300127_tooth_RA.megahit.bin.43	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018358-23_RA_saliva.metaspades.bin.53	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018358-23_RA_saliva.metaspades.bin.53	{'K00625', 'K00925'}	M00579
RSZYD18078354_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078354_A_saliva.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300121_tooth_RA.megahit.bin.4	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300121_tooth_RA.megahit.bin.4	{'K00625', 'K00925'}	M00579
RDPYD18300381_A_saliva.metaspades.bin.93	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300285_tooth_RAH.megahit.bin.48	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300285_tooth_RAH.megahit.bin.48	{'K00625', 'K00925'}	M00579
RSZYD18187676_A_saliva.metaspades.bin.32	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187676_A_saliva.metaspades.bin.32	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427535.1_ASM2742753v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427535.1_ASM2742753v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078042_A_saliva.metaspades.bin.39	{'K01834', 'K01689', 'K00873'}	M00002
RSZYD18078042_A_saliva.metaspades.bin.39	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015257505.1_ASM1525750v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015257505.1_ASM1525750v1_genomic	{'K00625', 'K00925'}	M00579
RSZYD18078697_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078697_A_saliva.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300101_A_saliva.metaspades.bin.91	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300101_A_saliva.metaspades.bin.91	{'K00625', 'K00925'}	M00579
YS000348_saliva.spades.bin.15	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000348_saliva.spades.bin.15	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS001130_saliva.spades.bin.26	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001130_saliva.spades.bin.26	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
GCA_020912025.1_ASM2091202v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_020912025.1_ASM2091202v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_022736555.1_ASM2273655v1_genomic	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
RDPYD18201938_A_saliva.metaspades.bin.59	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

RSZYD18187184_A_saliva.metaspades.bin.14	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187184_A_saliva.metaspades.bin.14	{'K00625', 'K00925'}	M00579
RDPYD18099005_A_saliva.metaspades.bin.66	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18099005_A_saliva.metaspades.bin.66	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300100_tooth_RA.megahit.bin.107	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300100_tooth_RA.megahit.bin.107	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018103-24_RA_dental.metaspades.bin.40	{'K00625', 'K00925'}	M00579
RSZYD18187537_A_saliva.metaspades.bin.50	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187537_A_saliva.metaspades.bin.50	{'K00625', 'K00925'}	M00579
GCA_946890795.1_SRR12830924_bin.6_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946890795.1_SRR12830924_bin.6_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
R0170300105_tooth_RA.megahit.bin.119	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300105_tooth_RA.megahit.bin.119	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018441-109_RA_saliva.metaspades.bin.47	{'K01834', 'K01689', 'K01803', 'K00873'}	M00002
SZAXPI018441-109_RA_saliva.metaspades.bin.47	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078217_A_saliva.metaspades.bin.41	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078217_A_saliva.metaspades.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300251_tooth_RAH.megahit.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300275_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300275_A_saliva.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002305-14_RAH_dental.metaspades.bin.64	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300106_tooth_RA.megahit.bin.39	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187425_A_saliva.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187425_A_saliva.metaspades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017512095.1	{'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017512095.1	{'K01897'}	M00086
SZAXPI018292-158_RA_dental.metaspades.bin.62	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018292-158_RA_dental.metaspades.bin.62	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300228_tooth_RA.megahit.bin.112	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300228_tooth_RA.megahit.bin.112	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002404125.1_ASM240412v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002404125.1_ASM240412v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002404125.1_ASM240412v1_genomic	{'K02298', 'K02300', 'K02297'}	M00417
RSZYD18078746_A_saliva.metaspades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RSZYD18078746_A_saliva.metaspades.bin.2	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
RSZYD18187542_A_saliva.metaspades.bin.26	{'K01834', 'K01689', 'K00873'}	M00002
RSZYD18187542_A_saliva.metaspades.bin.26	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
SZAXPI018171-25_1_RA_dental.metaspades.bin.5	{'K15633', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018171-25_1_RA_dental.metaspades.bin.5	{'K00625', 'K00925'}	M00579
RSZYD18187801_A_saliva.metaspades.bin.74	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00873'}	M00002
R0170300272_tooth_RAH.megahit.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300110_tooth_RA.megahit.bin.88	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300110_tooth_RA.megahit.bin.88	{'K00625', 'K00925'}	M00579
GCA_947388495.1_SRR15214593_bin.20_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947388495.1_SRR15214593_bin.20_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
R0170300269_tooth_RAH.megahit.bin.4	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300269_tooth_RAH.megahit.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002629-81_RA_dental.metaspades.bin.76	{'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_010202845.1_ASM1020284v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_010202845.1_ASM1020284v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_013333495.2_ASM1333349v2_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333495.2_ASM1333349v2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000725_saliva.spades.bin.43	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000725_saliva.spades.bin.43	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018097-18_RA_dental.metaspades.bin.14	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018097-18_RA_dental.metaspades.bin.14	{'K00625', 'K00925'}	M00579
GCA_005697565.1_ASM569756v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_005697565.1_ASM569756v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098785_A_saliva.metaspades.bin.37	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187361_A_saliva.metaspades.bin.8	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187361_A_saliva.metaspades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013694995.1_ASM1369499v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013694995.1_ASM1369499v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_013694995.1_ASM1369499v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300078_tooth_RA.megahit.bin.29	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300078_tooth_RA.megahit.bin.29	{'K00625', 'K00925'}	M00579
R0170300252_tooth_RAH.megahit.bin.46	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300252_tooth_RAH.megahit.bin.46	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002482925.1_ASM248292v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002482925.1_ASM248292v1_genomic	{'K02108', 'K02109', 'K02111', 'K02115', 'K02113'}	M00157
R0170300062_tooth_RA.megahit.bin.52	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300062_tooth_RA.megahit.bin.52	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017480035.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017480035.1	{'K00625', 'K00925'}	M00579
R0170300260_tooth_RAH.megahit.bin.16	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300260_tooth_RAH.megahit.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002308-17_RAH_dental.metaspades.bin.47	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002308-17_RAH_dental.metaspades.bin.47	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002324-37_RAH_dental.metaspades.bin.77	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002324-37_RAH_dental.metaspades.bin.77	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017432025.1	{'K01834', 'K15633', 'K00927', 'K01689', 'K00134', 'K00873'}	M00002
GCA_017432025.1	{'K01897'}	M00086
GCA_017432025.1	{'K00625', 'K00925'}	M00579
GCA_017540725.1_ASM1754072v1_genomic	{'K00625', 'K00925'}	M00579
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG_genomic	{'K00925', 'K00625', 'K13788'}	M00579
R0170300229_tooth_RA.megahit.bin.108	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300229_tooth_RA.megahit.bin.108	{'K00925', 'K00625', 'K13788'}	M00579
GCA_017510205.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510205.1	{'K01897'}	M00086
GCA_017510205.1	{'K00925', 'K13788'}	M00579
RDPYD18300291_A_saliva.metaspades.bin.51	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300291_A_saliva.metaspades.bin.51	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947246665.1_SRR14920969_bin.19_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947246665.1_SRR14920969_bin.19_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
RSZAXPI002316-25_RAH_dental.metaspades.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187057_A_saliva.metaspades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187057_A_saliva.metaspades.bin.25	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947565505.1_SRR19759417_bin.86_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947565505.1_SRR19759417_bin.86_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
RSZAXPI002458-89_RAH_dental.metaspades.bin.11	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002458-89_RAH_dental.metaspades.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300052_tooth_RA.megahit.bin.177	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300052_tooth_RA.megahit.bin.177	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187344_A_saliva.metaspades.bin.53	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

R0170300151_tooth_RA.megahit.bin.9	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300151_tooth_RA.megahit.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300257_tooth_RAH.megahit.bin.108	{'K01834', 'K01689', 'K00873'}	M00002
R0170300257_tooth_RAH.megahit.bin.108	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018322-24_RA_dental.metaspades.bin.11	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018322-24_RA_dental.metaspades.bin.11	{'K00625', 'K00925'}	M00579
RSZYD18078076_A_saliva.metaspades.bin.41	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078076_A_saliva.metaspades.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300051_tooth_RA.megahit.bin.53	{'K01834', 'K01689', 'K00873'}	M00002
R0170300051_tooth_RA.megahit.bin.53	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016432585.1_ASM1643258v1_genomic	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016432585.1_ASM1643258v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016432585.1_ASM1643258v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300258_tooth_RAH.megahit.bin.9	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300258_tooth_RAH.megahit.bin.9	{'K00625', 'K00925'}	M00579
R0170300202_tooth_RA.megahit.bin.65	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300202_tooth_RA.megahit.bin.65	{'K02108', 'K02110'}	M00157
R0170300202_tooth_RA.megahit.bin.65	{'K00625', 'K00925'}	M00579
R0170300114_tooth_RA.megahit.bin.56	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR6748164.metaspades.bin.5	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748164.metaspades.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078188_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RSZYD18078188_A_saliva.metaspades.bin.16	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
GCA_010202645.1_ASM1020264v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_010202645.1_ASM1020264v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RSZYD18187427_A_saliva.metaspades.bin.75	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187427_A_saliva.metaspades.bin.75	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300321_tooth_RAH.megahit.bin.21	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300321_tooth_RAH.megahit.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946619905.1_SRR873600_bin.141_metaWRAP_v1.3_MAG_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946619905.1_SRR873600_bin.141_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_946619905.1_SRR873600_bin.141_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
R0170300203_tooth_RA.megahit.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_900556885.1_UMGS1986_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_900556885.1_UMGS1986_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187458_A_saliva.metaspades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300193_tooth_RA.megahit.bin.72	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300193_tooth_RA.megahit.bin.72	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300311_tooth_RAH.megahit.bin.87	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300311_tooth_RAH.megahit.bin.87	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947302355.1_SRR10912539_bin.48_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947302355.1_SRR10912539_bin.48_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_947302355.1_SRR10912539_bin.48_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_943354005.1_MsH-30jul19-11_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_943354005.1_MsH-30jul19-11_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015257575.1_ASM1525757v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015257575.1_ASM1525757v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300323_tooth_RAH.megahit.bin.16	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300323_tooth_RAH.megahit.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002404255.1_ASM240425v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002404255.1_ASM240425v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002404255.1_ASM240425v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_947253235.1_SRR17635697_bin.12_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947253235.1_SRR17635697_bin.12_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
R0170300270_tooth_RAH.megahit.bin.51	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300270_tooth_RAH.megahit.bin.51	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017460165.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427555.1_ASM2742755v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427555.1_ASM2742755v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000721_saliva.spades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018102-23_RA_dental.metaspades.bin.20	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018102-23_RA_dental.metaspades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300051_tooth_RA.megahit.bin.56	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002455-75_RAH_dental.metaspades.bin.33	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002455-75_RAH_dental.metaspades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300355_saliva_RA.megahit.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18097649_A_saliva.metaspades.bin.16	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18097649_A_saliva.metaspades.bin.16	{'K00625', 'K00925'}	M00579
R0170300284_tooth_RAH.megahit.bin.22	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300284_tooth_RAH.megahit.bin.22	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187520_A_saliva.metaspades.bin.22	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187520_A_saliva.metaspades.bin.22	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300203_tooth_RA.megahit.bin.96	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300203_tooth_RA.megahit.bin.96	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018280-95_RA_dental.metaspades.bin.20	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018280-95_RA_dental.metaspades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018317-19_RA_dental.metaspades.bin.4	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018317-19_RA_dental.metaspades.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016699065.1_ASM1669906v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016699065.1_ASM1669906v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098966_A_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017432225.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017432225.1	{'K01897'}	M00086
GCA_017432225.1	{'K00625', 'K00925'}	M00579
RDPYD18201791_A_saliva.metaspades.bin.40	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201791_A_saliva.metaspades.bin.40	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002656-16_RA_dental.metaspades.bin.48	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187500_A_saliva.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187500_A_saliva.metaspades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947253955.1_SRR17635595_bin.5_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947253955.1_SRR17635595_bin.5_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
R0170300194_tooth_RA.megahit.bin.111	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300194_tooth_RA.megahit.bin.111	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300255_tooth_RAH.megahit.bin.83	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300255_tooth_RAH.megahit.bin.83	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000299_saliva.spades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS000299_saliva.spades.bin.16	{'K02108', 'K02109', 'K02112', 'K02110', 'K02113', 'K02114'}	M00157
R0170300229_tooth_RA.megahit.bin.48	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300229_tooth_RA.megahit.bin.48	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187650_A_saliva.metaspades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187650_A_saliva.metaspades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300321_tooth_RAH.megahit.bin.95	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078075_A_saliva.metaspades.bin.101	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098935_A_saliva.metaspades.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_021404905.1_ASM2140490v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

GCA_021404905.1_ASM2140490v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187715_A_saliva.metaspades.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187715_A_saliva.metaspades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002477-142_2_RAH_saliva.metaspades.bin.82	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002477-142_2_RAH_saliva.metaspades.bin.82	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903828465.1_freshwater_MAG_---_Umea3_bin-2596_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903828465.1_freshwater_MAG_---_Umea3_bin-2596_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
YS000456_saliva.spades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000456_saliva.spades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300298_tooth_RAH.megahit.bin.124	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300298_tooth_RAH.megahit.bin.124	{'K00625', 'K00925'}	M00579
R0170300154_tooth_RA.megahit.bin.116	{'K01834', 'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
R0170300154_tooth_RA.megahit.bin.116	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300179_tooth_RA.megahit.bin.1	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427115.1_ASM2742711v1_genomic	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
GCA_027427115.1_ASM2742711v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18088981_A_saliva.metaspades.bin.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RDPYD18088981_A_saliva.metaspades.bin.1	{'K00625', 'K00925'}	M00579
SZAXPI018287-129_RA_dental.metaspades.bin.14	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018287-129_RA_dental.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300235_tooth_RAH.megahit.bin.27	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300235_tooth_RAH.megahit.bin.27	{'K00625', 'K00925'}	M00579
R0170300148_tooth_RA.megahit.bin.83	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300148_tooth_RA.megahit.bin.83	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078705_A_saliva.metaspades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300223_tooth_RA.megahit.bin.44	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300223_tooth_RA.megahit.bin.44	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_020428425.1_ASM2042842v1_genomic	{'K02108', 'K02109', 'K02111', 'K02115', 'K02113'}	M00157
SZAXPI018101-22_RA_dental.metaspades.bin.22	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018101-22_RA_dental.metaspades.bin.22	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002627-75_RA_dental.metaspades.bin.12	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002627-75_RA_dental.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300287_tooth_RAH.megahit.bin.151	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002330-47_RAH_dental.metaspades.bin.26	{'K01834', 'K01689', 'K01803', 'K00873'}	M00002
RSZAXPI002330-47_RAH_dental.metaspades.bin.26	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018283-109_RA_dental.metaspades.bin.24	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018283-109_RA_dental.metaspades.bin.24	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300159_tooth_RA.megahit.bin.123	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300159_tooth_RA.megahit.bin.123	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078703_A_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078703_A_saliva.metaspades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002633-90_RA_dental.metaspades.bin.49	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002633-90_RA_dental.metaspades.bin.49	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002454-50_RAH_dental.metaspades.bin.3	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002454-50_RAH_dental.metaspades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078769_A_saliva.metaspades.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078769_A_saliva.metaspades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187234_A_saliva.metaspades.bin.73	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187234_A_saliva.metaspades.bin.73	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_024330325.1_ASM2433032v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_024330325.1_ASM2433032v1_genomic	{'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
RDPYD18098591_A_saliva.metaspades.bin.49	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS000231_saliva.spades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000231_saliva.spades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187142_A_saliva.metaspades.bin.22	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RSZYD18187142_A_saliva.metaspades.bin.22	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
GCA_002455275.1_ASM245527v1_genomic	{'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002455275.1_ASM245527v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002455275.1_ASM245527v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002614-22_RA_dental.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300277_tooth_RAH.megahit.bin.80	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300148_tooth_RA.megahit.bin.4	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300148_tooth_RA.megahit.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078444_A_saliva.metaspades.bin.56	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078444_A_saliva.metaspades.bin.56	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000455_saliva.spades.bin.37	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000455_saliva.spades.bin.37	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
SZAXPI018315-17_RA_dental.metaspades.bin.58	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018315-17_RA_dental.metaspades.bin.58	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000444_saliva.spades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300279_tooth_RAH.megahit.bin.27	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300279_tooth_RAH.megahit.bin.27	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018355-20_RA_saliva.metaspades.bin.45	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300202_tooth_RA.megahit.bin.78	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300202_tooth_RA.megahit.bin.78	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300104_tooth_RA.megahit.bin.12	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002625-57_RA_dental.metaspades.bin.44	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002625-57_RA_dental.metaspades.bin.44	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003962975.1_ASM396297v1_genomic	{'K01834', 'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003962975.1_ASM396297v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
RDPYD18300006_A_saliva.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300006_A_saliva.metaspades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000740_saliva.spades.bin.23	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
YS000740_saliva.spades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078088_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300136_tooth_RA.megahit.bin.73	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300136_tooth_RA.megahit.bin.73	{'K00625', 'K00925'}	M00579
GCA_013334475.1_ASM1333447v1_genomic	{'K15633', 'K01689', 'K01803', 'K00873'}	M00002
GCA_013334475.1_ASM1333447v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018392-31_RA_saliva.metaspades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018392-31_RA_saliva.metaspades.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078798_A_saliva.metaspades.bin.24	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078798_A_saliva.metaspades.bin.24	{'K00625', 'K00925'}	M00579
GCA_020428005.1_ASM2042800v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_020428005.1_ASM2042800v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_020428005.1_ASM2042800v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18300175_A_saliva.metaspades.bin.54	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300175_A_saliva.metaspades.bin.54	{'K00625', 'K00925'}	M00579
GCA_027426775.1_ASM2742677v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027426775.1_ASM2742677v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027426775.1_ASM2742677v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
YS000226_saliva.spades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000226_saliva.spades.bin.6	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300298_tooth_RAH.megahit.bin.133	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300298_tooth_RAH.megahit.bin.133	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

RSZAXPI002620-35_RA_dental.metaspades.bin.60	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947303265.1_SRR10912539_bin.36_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947303265.1_SRR10912539_bin.36_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_947303265.1_SRR10912539_bin.36_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_022828285.1_ASM2282828v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022828285.1_ASM2282828v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018178-34_RA_dental.metaspades.bin.15	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018178-34_RA_dental.metaspades.bin.15	{'K00625', 'K00925'}	M00579
GCA_018058565.1_ASM1805856v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300292_tooth_RAH.megahit.bin.19	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300055_tooth_RA.megahit.bin.26	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300055_tooth_RA.megahit.bin.26	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000331_saliva.spades.bin.6	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
YS000331_saliva.spades.bin.6	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
YS000371_saliva.spades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000371_saliva.spades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018310-169_RA_dental.metaspades.bin.1	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078087_A_saliva.metaspades.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078087_A_saliva.metaspades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017431465.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300249_tooth_RAH.megahit.bin.3	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300249_tooth_RAH.megahit.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018189-47_RA_dental.metaspades.bin.40	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018189-47_RA_dental.metaspades.bin.40	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098770_A_saliva.metaspades.bin.53	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098770_A_saliva.metaspades.bin.53	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017514665.1_ASM1751466v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017514665.1_ASM1751466v1_genomic	{'K01897'}	M00086
GCA_017514665.1_ASM1751466v1_genomic	{'K00625', 'K00925'}	M00579
RSZAXPI002482-15_2_RAH_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002482-15_2_RAH_saliva.metaspades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300283_tooth_RAH.megahit.bin.67	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300283_tooth_RAH.megahit.bin.67	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300249_tooth_RAH.megahit.bin.103	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300249_tooth_RAH.megahit.bin.103	{'K00625', 'K00925'}	M00579
SZAXPI018279-94_RA_dental.metaspades.bin.46	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018279-94_RA_dental.metaspades.bin.46	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002459-90_RAH_dental.metaspades.bin.59	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002459-90_RAH_dental.metaspades.bin.59	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300107_tooth_RA.megahit.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
R0170300107_tooth_RA.megahit.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300271_tooth_RAH.megahit.bin.21	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300271_tooth_RAH.megahit.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002343385.1_ASM234338v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002343385.1_ASM234338v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_002343385.1_ASM234338v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300257_tooth_RAH.megahit.bin.65	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300257_tooth_RAH.megahit.bin.65	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300295_tooth_RAH.megahit.bin.55	{'K01834', 'K01689', 'K00873'}	M00002
R0170300295_tooth_RAH.megahit.bin.55	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_900555425.1_UMGS1831_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189913_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189913_A_saliva.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078217_A_saliva.metaspades.bin.95	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078217_A_saliva.metaspades.bin.95	{'K00625', 'K00925'}	M00579
R0170300119_tooth_RA.megahit.bin.84	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300119_tooth_RA.megahit.bin.84	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078593_A_saliva.metaspades.bin.35	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078593_A_saliva.metaspades.bin.35	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
SZAXPI018286-123_RA_dental.metaspades.bin.62	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018286-123_RA_dental.metaspades.bin.62	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946414345.1_SRR12081302_bin.4_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946414345.1_SRR12081302_bin.4_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_946414345.1_SRR12081302_bin.4_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
RSZAXPI002313-22_RAH_dental.metaspades.bin.87	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002313-22_RAH_dental.metaspades.bin.87	{'K00625', 'K00925'}	M00579
GCA_947097585.1_SRR8786264_bin.12_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947097585.1_SRR8786264_bin.12_metaWRAP_v1.3_MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_009992235.1_ASM999223v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_007127855.1_ASM712785v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_007127855.1_ASM712785v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
GCA_013333645.2_ASM1333364v2_genomic	{'K01834', 'K01689', 'K00873'}	M00002
GCA_013333645.2_ASM1333364v2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015999865.1_ASM1599986v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015999865.1_ASM1599986v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_022828255.1_ASM2282825v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022828255.1_ASM2282825v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300270_tooth_RAH.megahit.bin.24	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300270_tooth_RAH.megahit.bin.24	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016700355.1_ASM1670035v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016700355.1_ASM1670035v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
R0170300200_tooth_RA.megahit.bin.49	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300200_tooth_RA.megahit.bin.49	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000410_saliva.spades.bin.12	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000410_saliva.spades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300106_tooth_RA.megahit.bin.44	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300106_tooth_RA.megahit.bin.44	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078225_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002421785.1_ASM242178v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002421785.1_ASM242178v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946414465.1_SRR12081303_bin.63_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946414465.1_SRR12081303_bin.63_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_946414465.1_SRR12081303_bin.63_metaWRAP_v1.3_MAG_genomic	{'K00925', 'K13788'}	M00579
RSZYD18187914_A_saliva.metaspades.bin.1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187914_A_saliva.metaspades.bin.1	{'K02108', 'K02109', 'K02110', 'K02113', 'K02114'}	M00157
GCA_947165975.1_SRR8387714_bin.97_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947165975.1_SRR8387714_bin.97_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_947165975.1_SRR8387714_bin.97_metaWRAP_v1.3_MAG_genomic	{'K00925', 'K13788'}	M00579
GCA_027446965.1_ASM2744696v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027446965.1_ASM2744696v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300200_tooth_RA.megahit.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000259_saliva.spades.bin.14	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K01689', 'K00873'}	M00002
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

GCA_001790515.1_ASM179051v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001790515.1_ASM179051v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_001790515.1_ASM179051v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_934725355.1_ERR7738173_bin.40_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016789655.1_ASM1678965v1_genomic	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016789655.1_ASM1678965v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016789655.1_ASM1678965v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18078259_A_saliva.metaspades.bin.22	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078259_A_saliva.metaspades.bin.22	{'K00625', 'K00925'}	M00579
GCA_017431085.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017431085.1	{'K01897'}	M00086
GCA_017431085.1	{'K00625', 'K00925'}	M00579
GCA_017514805.1_ASM1751480v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017514805.1_ASM1751480v1_genomic	{'K00625', 'K00925'}	M00579
RSZYD18078262_A_saliva.metaspades.bin.27	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078262_A_saliva.metaspades.bin.27	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078115_A_saliva.metaspades.bin.19	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078115_A_saliva.metaspades.bin.19	{'K00625', 'K00925'}	M00579
SZAXPI018406-56_RA_saliva.metaspades.bin.71	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018406-56_RA_saliva.metaspades.bin.71	{'K01897'}	M00086
RSZYD18078623_A_saliva.metaspades.bin.44	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002603-21_RA_dental.metaspades.bin.30	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017512045.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000273_saliva.spades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000273_saliva.spades.bin.9	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
ERR2764806.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
ERR2764806.metaspades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300262_tooth_RAH.megahit.bin.134	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300262_tooth_RAH.megahit.bin.134	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300256_tooth_RAH.megahit.bin.10	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300256_tooth_RAH.megahit.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300405_A_saliva.metaspades.bin.82	{'K01834', 'K01689', 'K00873'}	M00002
RDPYD18300405_A_saliva.metaspades.bin.82	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001897295.1_ASM189729v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001897295.1_ASM189729v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001897295.1_ASM189729v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_013333625.2_ASM1333362v2_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333625.2_ASM1333362v2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300284_tooth_RAH.megahit.bin.10	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300284_tooth_RAH.megahit.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300051_tooth_RA.megahit.bin.6	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300051_tooth_RA.megahit.bin.6	{'K00625', 'K00925'}	M00579
GCA_025934715.1_ASM2593471v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_025934715.1_ASM2593471v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300381_saliva_RAH.megahit.bin.27	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300381_saliva_RAH.megahit.bin.27	{'K02108', 'K02112', 'K02114'}	M00157
R0170300121_tooth_RA.megahit.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300301_tooth_RAH.megahit.bin.99	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300301_tooth_RAH.megahit.bin.99	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300115_tooth_RA.megahit.bin.91	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000066_saliva.spades.bin.24	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000066_saliva.spades.bin.24	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
R0170300118_tooth_RA.megahit.bin.74	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300118_tooth_RA.megahit.bin.74	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017404485.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017404485.1	{'K01897'}	M00086
GCA_017404485.1	{'K00625', 'K00925'}	M00579
RSZAXPI002636-95_RA_dental.metaspades.bin.22	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002636-95_RA_dental.metaspades.bin.22	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
YS000553_saliva.spades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000553_saliva.spades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_005697395.1_ASM569739v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_005697395.1_ASM569739v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187059_A_saliva.metaspades.bin.27	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187059_A_saliva.metaspades.bin.27	{'K00625', 'K00925'}	M00579
GCA_002437225.1_ASM243722v1_genomic	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002437225.1_ASM243722v1_genomic	{'K01897'}	M00086
GCA_016700395.1_ASM1670039v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016700395.1_ASM1670039v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300307_tooth_RAH.megahit.bin.81	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300307_tooth_RAH.megahit.bin.81	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017511925.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017511925.1	{'K01897'}	M00086
GCA_017511925.1	{'K00625', 'K00925'}	M00579
SZAXPI018095-16_RA_dental.metaspades.bin.15	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018095-16_RA_dental.metaspades.bin.15	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027338765.1_ASM2733876v1_genomic	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027338765.1_ASM2733876v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018274-87_RA_dental.metaspades.bin.42	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018274-87_RA_dental.metaspades.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000126_saliva.spades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000126_saliva.spades.bin.17	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
R0170300194_tooth_RA.megahit.bin.127	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300194_tooth_RA.megahit.bin.127	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947367495.1_SRR15429271_bin.12_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300079_tooth_RA.megahit.bin.64	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300079_tooth_RA.megahit.bin.64	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098996_A_saliva.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903836325.1_freshwater_MAG_---_KR2_bin-0178_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903836325.1_freshwater_MAG_---_KR2_bin-0178_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078253_A_saliva.metaspades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078253_A_saliva.metaspades.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427155.1_ASM2742715v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427155.1_ASM2742715v1_genomic	{'K02298', 'K02297', 'K02299'}	M00417
R0170300206_tooth_RA.megahit.bin.2	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300206_tooth_RA.megahit.bin.2	{'K00625', 'K00925'}	M00579
RDPYD18088792_A_saliva.metaspades.bin.66	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088792_A_saliva.metaspades.bin.66	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300302_tooth_RAH.megahit.bin.125	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300302_tooth_RAH.megahit.bin.125	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078490_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078490_A_saliva.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300181_tooth_RA.megahit.bin.96	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300181_tooth_RA.megahit.bin.96	{'K00625', 'K00925'}	M00579
R0170300251_tooth_RAH.megahit.bin.14	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

R0170300251_tooth_RAH.megahit.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201644_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201644_A_saliva.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018436-90_RA_saliva.metaspades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017406775.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017406775.1	{'K01897'}	M00086
GCA_017406775.1	{'K00925', 'K00625', 'K13788'}	M00579
GCA_004138395.1_ASM413839v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_004138395.1_ASM413839v1_genomic	{'K01897'}	M00086
GCA_004138395.1_ASM413839v1_genomic	{'K00625', 'K00925'}	M00579
R0170300240_tooth_RAH.megahit.bin.61	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300240_tooth_RAH.megahit.bin.61	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947429035.1_SRR19981115_bin.12_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017511965.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017511965.1	{'K01897'}	M00086
GCA_017511965.1	{'K00925', 'K13788'}	M00579
RSZYD18078542_A_saliva.metaspades.bin.52	{'K15633', 'K01689', 'K00927', 'K00873'}	M00002
RSZYD18078695_A_saliva.metaspades.bin.25	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078695_A_saliva.metaspades.bin.25	{'K00625', 'K00925'}	M00579
YS000758_saliva.spades.bin.5	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000758_saliva.spades.bin.5	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
GCA_002331045.1_ASM233104v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002331045.1_ASM233104v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002331045.1_ASM233104v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_027427015.1_ASM2742701v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427015.1_ASM2742701v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027426875.1_ASM2742687v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027426875.1_ASM2742687v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027426875.1_ASM2742687v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187690_A_saliva.metaspades.bin.43	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187690_A_saliva.metaspades.bin.43	{'K00625', 'K00925'}	M00579
R0170300129_tooth_RA.megahit.bin.17	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300129_tooth_RA.megahit.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
ERR2764804.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
R0170300051_tooth_RA.megahit.bin.71	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300051_tooth_RA.megahit.bin.71	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017432425.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018354-19_RA_saliva.metaspades.bin.46	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300219_tooth_RA.megahit.bin.90	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RDPYD18300395_A_saliva.metaspades.bin.59	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300395_A_saliva.metaspades.bin.59	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187556_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187556_A_saliva.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300266_tooth_RAH.megahit.bin.24	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018171-25_1_RA_dental.metaspades.bin.52	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018171-25_1_RA_dental.metaspades.bin.52	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300249_tooth_RAH.megahit.bin.28	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300249_tooth_RAH.megahit.bin.28	{'K00625', 'K00925'}	M00579
GCA_027427135.1_ASM2742713v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427135.1_ASM2742713v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300285_tooth_RAH.megahit.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187281_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187281_A_saliva.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027328705.1_ASM2732870v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027328705.1_ASM2732870v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027328705.1_ASM2732870v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_013316435.1_ASM1331643v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_020427985.1_ASM2042798v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_020427985.1_ASM2042798v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_020427985.1_ASM2042798v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_017514865.1_ASM1751486v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017514865.1_ASM1751486v1_genomic	{'K01897'}	M00086
R0170300139_tooth_RA.megahit.bin.99	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300139_tooth_RA.megahit.bin.99	{'K02108', 'K02109', 'K02112', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
R0170300055_tooth_RA.megahit.bin.35	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300055_tooth_RA.megahit.bin.35	{'K00625', 'K00925'}	M00579
R0170300272_tooth_RAH.megahit.bin.12	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300272_tooth_RAH.megahit.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000922_saliva.spades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000922_saliva.spades.bin.6	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_027327265.1_ASM2732726v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027327265.1_ASM2732726v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027327265.1_ASM2732726v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300120_tooth_RA.megahit.bin.28	{'K01834', 'K01689', 'K00873'}	M00002
R0170300120_tooth_RA.megahit.bin.28	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300192_A_saliva.metaspades.bin.52	{'K01834', 'K01689', 'K00873'}	M00002
RDPYD18300192_A_saliva.metaspades.bin.52	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018271-62_RA_dental.metaspades.bin.80	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018271-62_RA_dental.metaspades.bin.80	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300325_tooth_RA.megahit.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002316-25_RAH_dental.metaspades.bin.44	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002316-25_RAH_dental.metaspades.bin.44	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187316_A_saliva.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000915_saliva.spades.bin.1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000915_saliva.spades.bin.1	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
R0170300050_tooth_RA.megahit.bin.47	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300050_tooth_RA.megahit.bin.47	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18300261_A_saliva.metaspades.bin.29	{'K02112', 'K02115', 'K02114'}	M00157
GCA_013289705.1_ASM1328970v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013289705.1_ASM1328970v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_013289705.1_ASM1328970v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300052_tooth_RA.megahit.bin.29	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300052_tooth_RA.megahit.bin.29	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078147_A_saliva.metaspades.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078147_A_saliva.metaspades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078011_A_saliva.metaspades.bin.17	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078011_A_saliva.metaspades.bin.17	{'K00625', 'K00925'}	M00579
RSZYD18187484_A_saliva.metaspades.bin.51	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187484_A_saliva.metaspades.bin.51	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_009785095.1_ASM978509v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_009785095.1_ASM978509v1_genomic	{'K01897'}	M00086
GCA_009785095.1_ASM978509v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

GCA_009785095.1_ASM978509v1_genomic	{'K00925', 'K00625', 'K13788'}	M00579
R0170300213_tooth_RA.megahit.bin.95	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300213_tooth_RA.megahit.bin.95	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002603-21_RA_dental.metaspades.bin.63	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002603-21_RA_dental.metaspades.bin.63	{'K00625', 'K00925'}	M00579
RSZYD18187237_A_saliva.metaspades.bin.71	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187237_A_saliva.metaspades.bin.71	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187234_A_saliva.metaspades.bin.82	{'K15633', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RSZYD18187234_A_saliva.metaspades.bin.82	{'K00625', 'K00925'}	M00579
RSZYD18187340_A_saliva.metaspades.bin.39	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187340_A_saliva.metaspades.bin.39	{'K02108', 'K02112', 'K02115', 'K02110', 'K02114'}	M00157
SZAXPI018439-102_RA_saliva.metaspades.bin.34	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018439-102_RA_saliva.metaspades.bin.34	{'K00625', 'K00925'}	M00579
RDPYD18098889_A_saliva.metaspades.bin.64	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002460-93_2_RAH_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002460-93_2_RAH_saliva.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300408_A_saliva.metaspades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300408_A_saliva.metaspades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947168545.1_SRR8387715_bin.82_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947168545.1_SRR8387715_bin.82_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
R0170300133_tooth_RA.megahit.bin.60	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947304395.1_SRR10912535_bin.78_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947304395.1_SRR10912535_bin.78_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_947304395.1_SRR10912535_bin.78_metaWRAP_v1.3_MAG_genomic	{'K00925', 'K00625', 'K13788'}	M00579
R0170300105_tooth_RA.megahit.bin.100	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300105_tooth_RA.megahit.bin.100	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_023259925.1_ASM2325992v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_023259925.1_ASM2325992v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002635-94_RA_dental.metaspades.bin.41	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
YS000206_saliva.spades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000206_saliva.spades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300224_tooth_RA.megahit.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300139_tooth_RA.megahit.bin.95	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510445.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510445.1	{'K01897'}	M00086
GCA_017510445.1	{'K00625', 'K00925'}	M00579
R0170300217_tooth_RA.megahit.bin.134	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300217_tooth_RA.megahit.bin.134	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300252_tooth_RAH.megahit.bin.31	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300252_tooth_RAH.megahit.bin.31	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017404955.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017404955.1	{'K00625', 'K00925'}	M00579
RDPYD18300076_A_saliva.metaspades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300206_tooth_RA.megahit.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078639_A_saliva.metaspades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078639_A_saliva.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098912_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098912_A_saliva.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018098-19_RA_dental.metaspades.bin.54	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018098-19_RA_dental.metaspades.bin.54	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300141_tooth_RA.megahit.bin.64	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300141_tooth_RA.megahit.bin.64	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300294_tooth_RAH.megahit.bin.65	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300294_tooth_RAH.megahit.bin.65	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187762_A_saliva.metaspades.bin.45	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187762_A_saliva.metaspades.bin.45	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002337155.1_ASM233715v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002337155.1_ASM233715v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_000503915.1_ASM50391v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_000503915.1_ASM50391v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_000503915.1_ASM50391v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187345_A_saliva.metaspades.bin.42	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187345_A_saliva.metaspades.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002332-57_RAH_dental.metaspades.bin.16	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002332-57_RAH_dental.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300291_tooth_RAH.megahit.bin.75	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300291_tooth_RAH.megahit.bin.75	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027447005.1_ASM2744700v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_027447005.1_ASM2744700v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027447005.1_ASM2744700v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018452-169_1_RA_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300199_tooth_RA.megahit.bin.62	{'K01834', 'K01689', 'K00873'}	M00002
R0170300199_tooth_RA.megahit.bin.62	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300204_tooth_RA.megahit.bin.78	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300204_tooth_RA.megahit.bin.78	{'K00625', 'K00925'}	M00579
GCA_017514145.1_ASM1751414v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017514145.1_ASM1751414v1_genomic	{'K01897'}	M00086
GCA_017514145.1_ASM1751414v1_genomic	{'K00625', 'K00925'}	M00579
R0170300161_tooth_RA.megahit.bin.38	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300161_tooth_RA.megahit.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027459425.1_ASM2745942v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027459425.1_ASM2745942v1_genomic	{'K02298', 'K02297', 'K02299'}	M00417
GCA_002335175.1_ASM233517v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002335175.1_ASM233517v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002335175.1_ASM233517v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18078749_A_saliva.metaspades.bin.35	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018096-17_RA_dental.metaspades.bin.7	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018096-17_RA_dental.metaspades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018277-90_RA_dental.metaspades.bin.45	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018277-90_RA_dental.metaspades.bin.45	{'K02108', 'K02109', 'K02112', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
R0170300276_tooth_RAH.megahit.bin.88	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187722_A_saliva.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RSZYD18187722_A_saliva.metaspades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187694_A_saliva.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187694_A_saliva.metaspades.bin.6	{'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
R0170300079_tooth_RA.megahit.bin.12	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300079_tooth_RA.megahit.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427795.1_ASM2742779v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427795.1_ASM2742779v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300057_tooth_RA.megahit.bin.6	{'K01834', 'K01689', 'K01803', 'K00873'}	M00002
R0170300057_tooth_RA.megahit.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905365345.1_ERZ1645002-mag-bin.1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078134_A_saliva.metaspades.bin.52	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078134_A_saliva.metaspades.bin.52	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187790_A_saliva.metaspades.bin.35	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

RSZYD18187790_A_saliva.metaspades.bin.35	{'K02108', 'K02109', 'K02112', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
R0170300299_tooth_RAH.megahit.bin.97	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300299_tooth_RAH.megahit.bin.97	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300306_tooth_RAH.megahit.bin.130	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300306_tooth_RAH.megahit.bin.130	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300280_tooth_RAH.megahit.bin.16	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300280_tooth_RAH.megahit.bin.16	{'K00625', 'K00925'}	M00579
SZAXPI018484-16_RA_saliva.metaspades.bin.48	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018484-16_RA_saliva.metaspades.bin.48	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
RSZYD18187801_A_saliva.metaspades.bin.75	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187801_A_saliva.metaspades.bin.75	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
SZAXPI018101-22_RA_dental.metaspades.bin.26	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018101-22_RA_dental.metaspades.bin.26	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300151_tooth_RA.megahit.bin.21	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300151_tooth_RA.megahit.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017512925.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017512925.1	{'K00625', 'K00925'}	M00579
GCA_027366295.1_ASM2736629v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027366295.1_ASM2736629v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027366295.1_ASM2736629v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
YS000391_saliva.spades.bin.1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
YS000391_saliva.spades.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300283_tooth_RAH.megahit.bin.89	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300283_tooth_RAH.megahit.bin.89	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300164_A_saliva.metaspades.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300164_A_saliva.metaspades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017406595.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017406595.1	{'K01897'}	M00086
GCA_017406595.1	{'K00625', 'K00925'}	M00579
R0170300242_tooth_RAH.megahit.bin.82	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300242_tooth_RAH.megahit.bin.82	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300247_tooth_RAH.megahit.bin.77	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300247_tooth_RAH.megahit.bin.77	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003516025.1_ASM351602v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003516025.1_ASM351602v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003516025.1_ASM351602v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_001790455.1_ASM179045v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
SZAXPI018288-133_RA_dental.metaspades.bin.36	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018288-133_RA_dental.metaspades.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001790445.1_ASM179044v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001790445.1_ASM179044v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
R0170300061_tooth_RA.megahit.bin.44	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002604-26_RA_dental.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000025_saliva.spades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000025_saliva.spades.bin.20	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
RDPYD18088781_A_saliva.metaspades.bin.15	{'K02108', 'K02109', 'K02110'}	M00157
GCA_027427235.1_ASM2742723v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427235.1_ASM2742723v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002628-79_RA_dental.metaspades.bin.30	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002628-79_RA_dental.metaspades.bin.30	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300161_tooth_RA.megahit.bin.41	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300161_tooth_RA.megahit.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002325-39_RAH_dental.metaspades.bin.28	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002325-39_RAH_dental.metaspades.bin.28	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_002434045.1_ASM243404v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002434045.1_ASM243404v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_002434045.1_ASM243404v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG_genomic	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_007845325.1_ASM784532v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_023253175.1_ASM2325317v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_023253175.1_ASM2325317v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_023253175.1_ASM2325317v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18099034_A_saliva.metaspades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18099034_A_saliva.metaspades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300073_tooth_RA.megahit.bin.46	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300073_tooth_RA.megahit.bin.46	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078790_A_saliva.metaspades.bin.58	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078790_A_saliva.metaspades.bin.58	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300146_tooth_RA.megahit.bin.30	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300146_tooth_RA.megahit.bin.30	{'K00625', 'K00925'}	M00579
RSZAXPI002655-15_RA_dental.metaspades.bin.1	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002655-15_RA_dental.metaspades.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300060_tooth_RA.megahit.bin.77	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300210_tooth_RA.megahit.bin.1	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300210_tooth_RA.megahit.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300212_tooth_RA.megahit.bin.57	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300212_tooth_RA.megahit.bin.57	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078301_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078301_A_saliva.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300298_tooth_RAH.megahit.bin.126	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300298_tooth_RAH.megahit.bin.126	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002606-27_RA_dental.metaspades.bin.28	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002606-27_RA_dental.metaspades.bin.28	{'K00625', 'K00925'}	M00579
R0170300100_tooth_RA.megahit.bin.115	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300100_tooth_RA.megahit.bin.115	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
SZAXPI018288-133_RA_dental.metaspades.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427415.1_ASM2742741v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_027427415.1_ASM2742741v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427415.1_ASM2742741v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_943354985.1_Jr-19feb18-57_genomic	{'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
YS000367_saliva.spades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000367_saliva.spades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300178_tooth_RA.megahit.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017512085.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017512085.1	{'K01897'}	M00086
RSZYD18078622_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018171-25_1_RA_dental.metaspades.bin.23	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018171-25_1_RA_dental.metaspades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002441585.1_ASM244158v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002441585.1_ASM244158v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002441585.1_ASM244158v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187735_A_saliva.metaspades.bin.54	{'K01834', 'K01689', 'K01803', 'K00134'}	M00002
RSZYD18187735_A_saliva.metaspades.bin.54	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

GCA_017480095.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017480095.1	{'K01897'}	M00086
GCA_017480095.1	{'K00625', 'K00925'}	M00579
RSZAXPI002604-26_RA_dental.metaspades.bin.36	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002604-26_RA_dental.metaspades.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000259_saliva.spades.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000259_saliva.spades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027450065.1_ASM2745006v1_genomic	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027450065.1_ASM2745006v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189916_A_saliva.metaspades.bin.45	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189916_A_saliva.metaspades.bin.45	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300390_A_saliva.metaspades.bin.50	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RDPYD18300390_A_saliva.metaspades.bin.50	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18097580_A_saliva.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018277-90_RA_dental.metaspades.bin.77	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018277-90_RA_dental.metaspades.bin.77	{'K00625', 'K00925'}	M00579
GCA_002413755.1_ASM241375v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002413755.1_ASM241375v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002413755.1_ASM241375v1_genomic	{'K02298', 'K02300', 'K02299'}	M00417
SRR6748223.metaspades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748223.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18097490_A_saliva.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300205_tooth_RA.megahit.bin.8	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300205_tooth_RA.megahit.bin.8	{'K00625', 'K00925'}	M00579
R0170300251_tooth_RAH.megahit.bin.83	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300251_tooth_RAH.megahit.bin.83	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027365795.1_ASM2736579v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027365795.1_ASM2736579v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027365795.1_ASM2736579v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187216_A_saliva.metaspades.bin.102	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187216_A_saliva.metaspades.bin.102	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015257485.1_ASM1525748v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
GCA_015257485.1_ASM1525748v1_genomic	{'K00625', 'K00925'}	M00579
GCA_002381545.1_ASM238154v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002381545.1_ASM238154v1_genomic	{'K02108', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_947095985.1_SRR8786266_bin.1_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947095985.1_SRR8786266_bin.1_metaWRAP_v1.3_MAG_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
GCA_947253565.1_SRR17635649_bin.4_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947253565.1_SRR17635649_bin.4_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
R0170300321_tooth_RAH.megahit.bin.33	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300321_tooth_RAH.megahit.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078181_A_saliva.metaspades.bin.55	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078161_A_saliva.metaspades.bin.1	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078161_A_saliva.metaspades.bin.1	{'K02108', 'K02112', 'K02114'}	M00157
RDPYD18098896_A_saliva.metaspades.bin.29	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098896_A_saliva.metaspades.bin.29	{'K00625', 'K00925'}	M00579
RDPYD18189907_A_saliva.metaspades.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189907_A_saliva.metaspades.bin.26	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002318-27_RAH_dental.metaspades.bin.13	{'K01834', 'K01689', 'K00873'}	M00002
RSZAXPI002318-27_RAH_dental.metaspades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002746885.1_ASM274688v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002746885.1_ASM274688v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002699225.1_ASM269922v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_004100265.1_ASM410026v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_004100265.1_ASM410026v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
YS000948_saliva.spades.bin.2	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000948_saliva.spades.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300148_tooth_RA.megahit.bin.111	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300148_tooth_RA.megahit.bin.111	{'K00625', 'K00925'}	M00579
RSZYD18078115_A_saliva.metaspades.bin.40	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078115_A_saliva.metaspades.bin.40	{'K00625', 'K00925'}	M00579
GCA_009787245.1_ASM978724v1_genomic	{'K01834', 'K15633', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_009787245.1_ASM978724v1_genomic	{'K01897'}	M00086
R0170300219_tooth_RA.megahit.bin.2	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300219_tooth_RA.megahit.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002673-20_RA_dental.metaspades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013098855.1_ASM1309885v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013098855.1_ASM1309885v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018097-18_RA_dental.metaspades.bin.87	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905365145.1_ERZ1644999-mag-bin.1_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905365145.1_ERZ1644999-mag-bin.1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189898_A_saliva.metaspades.bin.76	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189898_A_saliva.metaspades.bin.76	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189905_A_saliva.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015655045.1_ASM1565504v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015655045.1_ASM1565504v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015655045.1_ASM1565504v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_027345405.1_ASM2734540v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027345405.1_ASM2734540v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027345405.1_ASM2734540v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300092_tooth_RA.megahit.bin.31	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027366415.1_ASM2736641v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_027366415.1_ASM2736641v1_genomic	{'K01897'}	M00086
GCA_027366415.1_ASM2736641v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027366415.1_ASM2736641v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
YS000298_saliva.spades.bin.49	{'K02108', 'K02109', 'K02112', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
R0170300274_tooth_RAH.megahit.bin.17	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300274_tooth_RAH.megahit.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300208_tooth_RA.megahit.bin.73	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300208_tooth_RA.megahit.bin.73	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947097435.1_SRR8786267_bin.5_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947097435.1_SRR8786267_bin.5_metaWRAP_v1.3_MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002321-33_RAH_dental.metaspades.bin.17	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002321-33_RAH_dental.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013333055.2_ASM1333305v2_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333055.2_ASM1333305v2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300217_tooth_RA.megahit.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187069_A_saliva.metaspades.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187069_A_saliva.metaspades.bin.26	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300305_tooth_RAH.megahit.bin.5	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002315-24_RAH_dental.metaspades.bin.39	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002315-24_RAH_dental.metaspades.bin.39	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017509895.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017509895.1	{'K01897'}	M00086
GCA_017509895.1	{'K00925', 'K00625', 'K13788'}	M00579

R0170300062_tooth_RA.megahit.bin.61	{'K01834', 'K01689', 'K00873'}	M00002
R0170300062_tooth_RA.megahit.bin.61	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_000392435.1_ASM39243v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_000392435.1_ASM39243v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946618085.1_SRR873610_bin.1_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946618085.1_SRR873610_bin.1_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_946618085.1_SRR873610_bin.1_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
YS000463_saliva.spades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000463_saliva.spades.bin.2	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
RDPYD18300150_A_saliva.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300150_A_saliva.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300146_tooth_RA.megahit.bin.21	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300146_tooth_RA.megahit.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098768_A_saliva.metaspades.bin.59	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000246_saliva.spades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000246_saliva.spades.bin.34	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
R0170300071_tooth_RA.megahit.bin.81	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
SZAXPI018286-123_RA_dental.metaspades.bin.45	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018098-19_RA_dental.metaspades.bin.53	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018098-19_RA_dental.metaspades.bin.53	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_004138385.1_ASM413838v1_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_004138385.1_ASM413838v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300257_tooth_RAH.megahit.bin.54	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300257_tooth_RAH.megahit.bin.54	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189907_A_saliva.metaspades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300146_tooth_RA.megahit.bin.4	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300146_tooth_RA.megahit.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300229_tooth_RA.megahit.bin.46	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300229_tooth_RA.megahit.bin.46	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300106_tooth_RA.megahit.bin.47	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300106_tooth_RA.megahit.bin.47	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947165465.1_SRR8387716_bin.80_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K15633', 'K00927', 'K01689', 'K00134', 'K00873'}	M00002
GCA_947165465.1_SRR8387716_bin.80_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_947165465.1_SRR8387716_bin.80_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_017406565.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017406565.1	{'K01897'}	M00086
GCA_017406565.1	{'K00625', 'K00925'}	M00579
GCA_017510705.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510705.1	{'K01897'}	M00086
GCA_017510705.1	{'K00925', 'K00625', 'K13788'}	M00579
RSZYD18078615_A_saliva.metaspades.bin.32	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078615_A_saliva.metaspades.bin.32	{'K00625', 'K00925'}	M00579
RSZYD18187045_A_saliva.metaspades.bin.39	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187503_A_saliva.metaspades.bin.53	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187503_A_saliva.metaspades.bin.53	{'K00625', 'K00925'}	M00579
GCA_017552385.1_ASM1755238v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017552385.1_ASM1755238v1_genomic	{'K01897'}	M00086
GCA_946408595.1_SRR12081297_bin.13_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946408595.1_SRR12081297_bin.13_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_946408595.1_SRR12081297_bin.13_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
R0170300233_tooth_RA.megahit.bin.80	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300233_tooth_RA.megahit.bin.80	{'K00625', 'K00925'}	M00579
RSZYD18078315_A_saliva.metaspades.bin.18	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078315_A_saliva.metaspades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_022819385.1_ASM2281938v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022819385.1_ASM2281938v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013099015.1_ASM1309901v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013099015.1_ASM1309901v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RDPYD18300183_A_saliva.metaspades.bin.81	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RDPYD18300183_A_saliva.metaspades.bin.81	{'K00625', 'K00925'}	M00579
R0170300254_tooth_RAH.megahit.bin.73	{'K01689', 'K00927', 'K01803', 'K00873'}	M00002
R0170300254_tooth_RAH.megahit.bin.73	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905372195.1_SRR9217401-mag-bin.1_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905372195.1_SRR9217401-mag-bin.1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300309_tooth_RAH.megahit.bin.70	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300309_tooth_RAH.megahit.bin.70	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
YS000034_saliva.spades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000034_saliva.spades.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300145_tooth_RA.megahit.bin.69	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300155_tooth_RA.megahit.bin.58	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018486-18_RA_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018486-18_RA_saliva.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078713_A_saliva.metaspades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018096-17_RA_dental.metaspades.bin.23	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018096-17_RA_dental.metaspades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078104_A_saliva.metaspades.bin.107	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078104_A_saliva.metaspades.bin.107	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078595_A_saliva.metaspades.bin.65	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078595_A_saliva.metaspades.bin.65	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018313-15_RA_dental.metaspades.bin.16	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018313-15_RA_dental.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098959_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098959_A_saliva.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018280-95_RA_dental.metaspades.bin.36	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018280-95_RA_dental.metaspades.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201913_A_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946405975.1_SRR12081303_bin.106_metaWRAP_v1.3_MAG_genomi	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946405975.1_SRR12081303_bin.106_metaWRAP_v1.3_MAG_genomi	{'K01897'}	M00086
GCA_946405975.1_SRR12081303_bin.106_metaWRAP_v1.3_MAG_genomi	{'K00625', 'K00925'}	M00579
RSZYD18187306_A_saliva.metaspades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187306_A_saliva.metaspades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078020_A_saliva.metaspades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078020_A_saliva.metaspades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189844_A_saliva.metaspades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189844_A_saliva.metaspades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905372495.1_SRR9217423-mag-bin.7_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905372495.1_SRR9217423-mag-bin.7_genomic	{'K00625', 'K00925'}	M00579
RSZYD18078773_A_saliva.metaspades.bin.71	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078773_A_saliva.metaspades.bin.71	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002433925.1_ASM243392v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002433925.1_ASM243392v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002433925.1_ASM243392v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_027312225.1_ASM2731222v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027312225.1_ASM2731222v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300055_tooth_RA.megahit.bin.5	{'K01834', 'K01689', 'K00873'}	M00002

R0170300055_tooth_RA.megahit.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300303_tooth_RAH.megahit.bin.161	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300303_tooth_RAH.megahit.bin.161	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002371235.1_ASM237123v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002371235.1_ASM237123v1_genomic	{'K01897'}	M00086
RDPYD18300305_A_saliva.metaspades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300305_A_saliva.metaspades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300101_A_saliva.metaspades.bin.92	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300101_A_saliva.metaspades.bin.92	{'K00625', 'K00925'}	M00579
RDPYD18098912_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300211_tooth_RA.megahit.bin.13	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300211_tooth_RA.megahit.bin.13	{'K00625', 'K00925'}	M00579
RSZYD18187280_A_saliva.metaspades.bin.37	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187280_A_saliva.metaspades.bin.37	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300277_tooth_RAH.megahit.bin.4	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300277_tooth_RAH.megahit.bin.4	{'K00625', 'K00925'}	M00579
YS000609_saliva.spades.bin.19	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000609_saliva.spades.bin.19	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
GCA_002793725.1_ASM279372v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017406905.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017406905.1	{'K01897'}	M00086
R0170300312_tooth_RAH.megahit.bin.31	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189889_A_saliva.metaspades.bin.54	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189889_A_saliva.metaspades.bin.54	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
R0170300183_tooth_RA.megahit.bin.5	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300183_tooth_RA.megahit.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018278-93_RA_dental.metaspades.bin.39	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018278-93_RA_dental.metaspades.bin.39	{'K00625', 'K00925'}	M00579
RDPYD18300017_A_saliva.metaspades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300017_A_saliva.metaspades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002650-142_RA_saliva.metaspades.bin.28	{'K01834', 'K01689', 'K00873'}	M00002
RSZAXPI002650-142_RA_saliva.metaspades.bin.28	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300119_tooth_RA.megahit.bin.2	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300119_tooth_RA.megahit.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002653-13_RA_saliva.metaspades.bin.41	{'K01834', 'K01689', 'K00873'}	M00002
RSZAXPI002653-13_RA_saliva.metaspades.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189812_A_saliva.metaspades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000449_saliva.spades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000449_saliva.spades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300152_A_saliva.metaspades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300152_A_saliva.metaspades.bin.25	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002381485.1_ASM238148v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002381485.1_ASM238148v1_genomic	{'K02108', 'K02109', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
GCA_947364625.1_SRR16350215_bin.9_metawrap_v1.3_MAG_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022841445.1_ASM2284144v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022841445.1_ASM2284144v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078125_A_saliva.metaspades.bin.19	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078125_A_saliva.metaspades.bin.19	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189875_A_saliva.metaspades.bin.4	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189875_A_saliva.metaspades.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016789455.1_ASM1678945v1_genomic	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016789455.1_ASM1678945v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016789455.1_ASM1678945v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018488-20_RA_saliva.metaspades.bin.49	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018488-20_RA_saliva.metaspades.bin.49	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017431955.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001064_saliva.spades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001064_saliva.spades.bin.3	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
GCA_916720665.1_SRR15235659_bin.7_metaWRAP_v1.1_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_916720665.1_SRR15235659_bin.7_metaWRAP_v1.1_MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018101-22_RA_dental.metaspades.bin.8	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018101-22_RA_dental.metaspades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098858_A_saliva.metaspades.bin.23	{'K01834', 'K01689', 'K01803', 'K00134'}	M00002
RDPYD18098858_A_saliva.metaspades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903856615.1_freshwater_MAG_---_AM-lipid-01-D3_bin-1021_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903856615.1_freshwater_MAG_---_AM-lipid-01-D3_bin-1021_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_903856615.1_freshwater_MAG_---_AM-lipid-01-D3_bin-1021_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18189835_A_saliva.metaspades.bin.31	{'K15633', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RDPYD18189835_A_saliva.metaspades.bin.31	{'K00625', 'K00925'}	M00579
GCA_905372725.1_SRR9217423-mag-bin.8_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905372725.1_SRR9217423-mag-bin.8_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017431945.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017431945.1	{'K01897'}	M00086
GCA_017431945.1	{'K00625', 'K00925'}	M00579
RDPYD18123882_A_tongue.metaspades.bin.29	{'K01834', 'K00927', 'K01803', 'K00134'}	M00002
R0170300302_tooth_RAH.megahit.bin.114	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300302_tooth_RAH.megahit.bin.114	{'K00625', 'K00925'}	M00579
RSZYD18187015_A_saliva.metaspades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187015_A_saliva.metaspades.bin.20	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
R0170300162_tooth_RA.megahit.bin.89	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300162_tooth_RA.megahit.bin.89	{'K00625', 'K00925'}	M00579
R0170300282_tooth_RAH.megahit.bin.3	{'K01834', 'K01689', 'K00873'}	M00002
R0170300282_tooth_RAH.megahit.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013333595.2_ASM1333359v2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027426815.1_ASM2742681v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027426815.1_ASM2742681v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SRR8114071.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300105_tooth_RA.megahit.bin.2	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300105_tooth_RA.megahit.bin.2	{'K00625', 'K00925'}	M00579
R0170300135_tooth_RA.megahit.bin.76	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098853_A_saliva.metaspades.bin.65	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098853_A_saliva.metaspades.bin.65	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300298_tooth_RAH.megahit.bin.8	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300298_tooth_RAH.megahit.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002637-96_RA_dental.metaspades.bin.23	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002637-96_RA_dental.metaspades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189828_A_saliva.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189828_A_saliva.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300289_tooth_RAH.megahit.bin.75	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300289_tooth_RAH.megahit.bin.75	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RSZYD18187596_A_saliva.metaspades.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RSZYD18187596_A_saliva.metaspades.bin.23	{'K02108', 'K02109', 'K02112', 'K02110', 'K02113', 'K02114'}	M00157
GCA_017430725.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017430725.1	{'K01897'}	M00086
GCA_017430725.1	{'K00925', 'K00625', 'K13788'}	M00579

RDPYD18088800_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088800_A_saliva.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000473_saliva.spades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000473_saliva.spades.bin.3	{'K02108', 'K02109', 'K02110', 'K02113', 'K02114'}	M00157
YS000759_saliva.spades.bin.28	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000759_saliva.spades.bin.28	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002343645.1_ASM234364v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002343645.1_ASM234364v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_002343645.1_ASM234364v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_947068245.1_SRR12358625_bin.21_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947068245.1_SRR12358625_bin.21_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
YS000592_saliva.spades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000592_saliva.spades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002318-27_RAH_dental.metaspades.bin.2	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002318-27_RAH_dental.metaspades.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002469-104_2_RAH_saliva.metaspades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002469-104_2_RAH_saliva.metaspades.bin.11	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
GCA_009783235.1_ASM978323v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_009783235.1_ASM978323v1_genomic	{'K01897'}	M00086
YS000209_saliva.spades.bin.15	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000209_saliva.spades.bin.15	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000527_saliva.spades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000527_saliva.spades.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18097666_A_saliva.metaspades.bin.15	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18097666_A_saliva.metaspades.bin.15	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
RSZAXPI002456-79_RAH_dental.metaspades.bin.7	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002456-79_RAH_dental.metaspades.bin.7	{'K00625', 'K00925'}	M00579
RDPYD18098299_A_saliva.metaspades.bin.46	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189957_A_saliva.metaspades.bin.89	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189957_A_saliva.metaspades.bin.89	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018313-15_RA_dental.metaspades.bin.43	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
GCA_004151455.1_ASM415145v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427595.1_ASM2742759v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427595.1_ASM2742759v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013816445.1_ASM1381644v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013816445.1_ASM1381644v1_genomic	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
RSZYD18187210_A_saliva.metaspades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187210_A_saliva.metaspades.bin.21	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
RSZYD18078461_A_saliva.metaspades.bin.53	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003508055.1_ASM350805v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003508055.1_ASM350805v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300098_tooth_RA.megahit.bin.34	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300098_tooth_RA.megahit.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017545505.1_ASM1754550v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017545505.1_ASM1754550v1_genomic	{'K01897'}	M00086
GCA_017545505.1_ASM1754550v1_genomic	{'K00625', 'K00925'}	M00579
R0170300258_tooth_RAH.megahit.bin.73	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300258_tooth_RAH.megahit.bin.73	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201945_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947171955.1_SRR14862904_bin.27_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088830_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088830_A_saliva.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300127_tooth_RA.megahit.bin.30	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300127_tooth_RA.megahit.bin.30	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RSZAXPI002657-17_RA_dental.metaspades.bin.27	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002657-17_RA_dental.metaspades.bin.27	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018323-25_RA_dental.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018323-25_RA_dental.metaspades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018323-25_RA_dental.metaspades.bin.51	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018323-25_RA_dental.metaspades.bin.51	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002612-20_RA_dental.metaspades.bin.34	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002612-20_RA_dental.metaspades.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300120_tooth_RA.megahit.bin.47	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300120_tooth_RA.megahit.bin.47	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427875.1_ASM2742787v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427875.1_ASM2742787v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002456-79_RAH_dental.metaspades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018320-22_RA_dental.metaspades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018092-13_RA_dental.metaspades.bin.61	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018092-13_RA_dental.metaspades.bin.61	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300178_tooth_RA.megahit.bin.102	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300178_tooth_RA.megahit.bin.102	{'K00625', 'K00925'}	M00579
GCA_905371595.1_SRR9217384-mag-bin.1_genomic	{'K01834', 'K01689', 'K01803', 'K00873'}	M00002
GCA_905371595.1_SRR9217384-mag-bin.1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201655_A_saliva.metaspades.bin.21	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201655_A_saliva.metaspades.bin.21	{'K00625', 'K00925'}	M00579
GCA_002441145.1_ASM244114v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002441145.1_ASM244114v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
RSZAXPI002479-169_2_RAH_saliva.metaspades.bin.78	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002479-169_2_RAH_saliva.metaspades.bin.78	{'K00625', 'K00925'}	M00579
R0170300272_tooth_RAH.megahit.bin.68	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300272_tooth_RAH.megahit.bin.68	{'K00625', 'K00925'}	M00579
GCA_003164595.1_20120700_S1D_genomic	{'K01897'}	M00086
GCA_003164595.1_20120700_S1D_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_003164595.1_20120700_S1D_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300110_tooth_RA.megahit.bin.38	{'K01834', 'K01689', 'K01803', 'K00873'}	M00002
GCA_002309075.1_ASM230907v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002309075.1_ASM230907v1_genomic	{'K01897'}	M00086
GCA_002309075.1_ASM230907v1_genomic	{'K00625', 'K00925'}	M00579
GCA_017421685.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017421685.1	{'K01897'}	M00086
GCA_017421685.1	{'K00925', 'K00625', 'K13788'}	M00579
SZAXPI018103-24_RA_dental.metaspades.bin.52	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018103-24_RA_dental.metaspades.bin.52	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000282_saliva.spades.bin.24	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS000282_saliva.spades.bin.24	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300164_tooth_RA.megahit.bin.80	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300164_tooth_RA.megahit.bin.80	{'K00625', 'K00925'}	M00579
YS000883_saliva.spades.bin.12	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000883_saliva.spades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018357-22_RA_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947306055.1_SRR10912535_bin.62_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947306055.1_SRR10912535_bin.62_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
RDPYD18201735_A_saliva.metaspades.bin.32	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078234_A_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

GCA_020428435.1_ASM2042843v1_genomic	{'K15634', 'K00927', 'K01803', 'K00873'}	M00002
GCA_020428435.1_ASM2042843v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
R0170300205_tooth_RA.megahit.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017651125.1_ASM1765112v1_genomic	{'K15633', 'K00927', 'K01689', 'K00134', 'K00873'}	M00002
GCA_017651125.1_ASM1765112v1_genomic	{'K01897'}	M00086
GCA_017651125.1_ASM1765112v1_genomic	{'K00625', 'K00925'}	M00579
GCA_001788565.1_ASM178856v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001788565.1_ASM178856v1_genomic	{'K02297'}	M00417
SRR8114056.metaspades.bin.5	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114056.metaspades.bin.5	{'K00625', 'K00925'}	M00579
GCA_017404845.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000541_saliva.spades.bin.2	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000541_saliva.spades.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002310-19_RAH_dental.metaspades.bin.24	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300083_tooth_RA.megahit.bin.110	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300020_A_saliva.metaspades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427695.1_ASM2742769v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427695.1_ASM2742769v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018103-24_RA_dental.metaspades.bin.59	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018103-24_RA_dental.metaspades.bin.59	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013332955.2_ASM1333295v2_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013332955.2_ASM1333295v2_genomic	{'K00625', 'K00925'}	M00579
R0170300292_tooth_RAH.megahit.bin.27	{'K01834', 'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300292_tooth_RAH.megahit.bin.27	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027426655.1_ASM2742665v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_027426655.1_ASM2742665v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300102_tooth_RA.megahit.bin.20	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300102_tooth_RA.megahit.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427295.1_ASM2742729v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_027427295.1_ASM2742729v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427295.1_ASM2742729v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018400-40_RA_saliva.metaspades.bin.35	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018400-40_RA_saliva.metaspades.bin.35	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947367795.1_SRR15431173_bin.17_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947367795.1_SRR15431173_bin.17_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
RSZYD18078604_A_saliva.metaspades.bin.57	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078604_A_saliva.metaspades.bin.57	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_026395435.1_ASM2639543v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_026395435.1_ASM2639543v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RSZAXPI002657-17_RA_dental.metaspades.bin.13	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002657-17_RA_dental.metaspades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018317-19_RA_dental.metaspades.bin.70	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018317-19_RA_dental.metaspades.bin.70	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300350_saliva_RA.megahit.bin.87	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189965_A_saliva.metaspades.bin.61	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002363125.1_ASM236312v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002363125.1_ASM236312v1_genomic	{'K01897'}	M00086
GCA_002363125.1_ASM236312v1_genomic	{'K00625', 'K00925'}	M00579
RDPYD18088981_A_saliva.metaspades.bin.41	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088981_A_saliva.metaspades.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS001127_saliva.spades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001127_saliva.spades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_007845265.1_ASM784526v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_007845265.1_ASM784526v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027365555.1_ASM2736555v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027365555.1_ASM2736555v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300251_tooth_RAH.megahit.bin.31	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300251_tooth_RAH.megahit.bin.31	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300303_tooth_RAH.megahit.bin.144	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300303_tooth_RAH.megahit.bin.144	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002312-21_RAH_dental.metaspades.bin.60	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002312-21_RAH_dental.metaspades.bin.60	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000402_saliva.spades.bin.13	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
YS000402_saliva.spades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_009781895.1_ASM978189v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_009781895.1_ASM978189v1_genomic	{'K00625', 'K00925'}	M00579
RSZYD18078738_A_saliva.metaspades.bin.63	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078738_A_saliva.metaspades.bin.63	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947425245.1_SRR19981124_bin.25_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947425245.1_SRR19981124_bin.25_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
R0170300208_tooth_RA.megahit.bin.25	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189988_A_saliva.metaspades.bin.51	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189988_A_saliva.metaspades.bin.51	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000433_saliva.spades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000433_saliva.spades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013333485.2_ASM1333348v2_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333485.2_ASM1333348v2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187312_A_saliva.metaspades.bin.49	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187312_A_saliva.metaspades.bin.49	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_010014525.1_ASM1001452v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187690_A_saliva.metaspades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187690_A_saliva.metaspades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187118_A_saliva.metaspades.bin.24	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187118_A_saliva.metaspades.bin.24	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_025349965.1_ASM2534996v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_025349965.1_ASM2534996v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187911_A_saliva.metaspades.bin.37	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187911_A_saliva.metaspades.bin.37	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS001002_saliva.spades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS001002_saliva.spades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000165_saliva.spades.bin.32	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000165_saliva.spades.bin.32	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187273_A_saliva.metaspades.bin.99	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187273_A_saliva.metaspades.bin.99	{'K00625', 'K00925'}	M00579
RDPYD18300328_A_saliva.metaspades.bin.32	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300328_A_saliva.metaspades.bin.32	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187874_A_saliva.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187874_A_saliva.metaspades.bin.29	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016700315.1_ASM1670031v1_genomic	{'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016700315.1_ASM1670031v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016700315.1_ASM1670031v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_002316545.1_ASM231654v1_genomic	{'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002316545.1_ASM231654v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157

GCA_002316545.1_ASM231654v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018323-25_RA_dental.metaspades.bin.25	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018323-25_RA_dental.metaspades.bin.25	{'K00625', 'K00925'}	M00579
R0170300320_tooth_RAH.megahit.bin.52	{'K01834', 'K01689', 'K01803', 'K00873'}	M00002
R0170300320_tooth_RAH.megahit.bin.52	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18099149_A_tongue.metaspades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18099149_A_tongue.metaspades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR8114034.metaspades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114034.metaspades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002429245.1_ASM242924v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002429245.1_ASM242924v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002429245.1_ASM242924v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
YS001048_saliva.spades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001048_saliva.spades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189867_A_saliva.metaspades.bin.12	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189867_A_saliva.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947166125.1_SRR8387714_bin.9_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947166125.1_SRR8387714_bin.9_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_947166125.1_SRR8387714_bin.9_metaWRAP_v1.3_MAG_genomic	{'K00925', 'K00625', 'K13788'}	M00579
RSZYD18078550_A_saliva.metaspades.bin.59	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078550_A_saliva.metaspades.bin.59	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027325955.1_ASM2732595v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
GCA_027325955.1_ASM2732595v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18078674_A_saliva.metaspades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201791_A_saliva.metaspades.bin.75	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300221_tooth_RA.megahit.bin.10	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300221_tooth_RA.megahit.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027334585.1_ASM2733458v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027334585.1_ASM2733458v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027334585.1_ASM2733458v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187116_A_saliva.metaspades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300184_tooth_RA.megahit.bin.85	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300184_tooth_RA.megahit.bin.85	{'K00625', 'K00925'}	M00579
YS000142_saliva.spades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000142_saliva.spades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013099195.1_ASM1309919v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013099195.1_ASM1309919v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300190_tooth_RA.megahit.bin.12	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300190_tooth_RA.megahit.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078760_A_saliva.metaspades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300207_tooth_RA.megahit.bin.21	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300207_tooth_RA.megahit.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001790535.1_ASM179053v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001790535.1_ASM179053v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027459325.1_ASM2745932v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027459325.1_ASM2745932v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_020428275.1_ASM2042827v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_020428275.1_ASM2042827v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_020428275.1_ASM2042827v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018484-16_RA_saliva.metaspades.bin.36	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187400_A_saliva.metaspades.bin.14	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187400_A_saliva.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001790365.1_ASM179036v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001790365.1_ASM179036v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_001790365.1_ASM179036v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300299_tooth_RAH.megahit.bin.100	{'K01834', 'K01689', 'K00873'}	M00002
R0170300299_tooth_RAH.megahit.bin.100	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018099-20_RA_dental.metaspades.bin.40	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018099-20_RA_dental.metaspades.bin.40	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187002_A_saliva.metaspades.bin.29	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187002_A_saliva.metaspades.bin.29	{'K00625', 'K00925'}	M00579
SZAXPI018317-19_RA_dental.metaspades.bin.31	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018317-19_RA_dental.metaspades.bin.31	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300222_tooth_RA.megahit.bin.89	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017460065.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017460065.1	{'K01897'}	M00086
GCA_017460065.1	{'K00625', 'K00925'}	M00579
RSZAXPI002604-26_RA_dental.metaspades.bin.30	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002604-26_RA_dental.metaspades.bin.30	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_009783305.1_ASM978330v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_009783305.1_ASM978330v1_genomic	{'K00625', 'K00925'}	M00579
GCA_027426955.1_ASM2742695v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027426955.1_ASM2742695v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027426955.1_ASM2742695v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18078322_A_saliva.metaspades.bin.73	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078322_A_saliva.metaspades.bin.73	{'K00625', 'K00925'}	M00579
SRR8114052.metaspades.bin.61	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002413835.1_ASM241383v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002413835.1_ASM241383v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002413835.1_ASM241383v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187144_A_saliva.metaspades.bin.68	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187144_A_saliva.metaspades.bin.68	{'K00625', 'K00925'}	M00579
R0170300176_tooth_RA.megahit.bin.28	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300176_tooth_RA.megahit.bin.28	{'K00925', 'K00625', 'K13788'}	M00579
GCA_027492635.1_ASM2749263v1_genomic	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027492635.1_ASM2749263v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027492635.1_ASM2749263v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187862_A_saliva.metaspades.bin.43	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187862_A_saliva.metaspades.bin.43	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS001160_saliva.spades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001160_saliva.spades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947364605.1_SRR16350204_bin.1_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
R0170300303_tooth_RAH.megahit.bin.44	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300303_tooth_RAH.megahit.bin.44	{'K00625', 'K00925'}	M00579
YS000296_saliva.spades.bin.5	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000296_saliva.spades.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300145_tooth_RA.megahit.bin.44	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300145_tooth_RA.megahit.bin.44	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905373835.1_SRR9217492-mag-bin.7_genomic	{'K01834', 'K01689', 'K00873'}	M00002
GCA_905373835.1_SRR9217492-mag-bin.7_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002404315.1_ASM240431v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002404315.1_ASM240431v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017404515.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017404515.1	{'K00625', 'K00925'}	M00579
RSZAXPI002636-95_RA_dental.metaspades.bin.34	{'K01834', 'K01689', 'K00873'}	M00002

RSZAXPI002636-95_RA_dental.metaspades.bin.34	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
RSZYD18187631_A_saliva.metaspades.bin.12	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187631_A_saliva.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR6748220.metaspades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748220.metaspades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000918_saliva.spades.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000918_saliva.spades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300062_tooth_RA.megahit.bin.66	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300062_tooth_RA.megahit.bin.66	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300182_tooth_RA.megahit.bin.100	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001090_saliva.spades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001090_saliva.spades.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_004294965.1_ASM429496v1_genomic	{'K01834', 'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_004294965.1_ASM429496v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_004294965.1_ASM429496v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_017962365.1_ASM1796236v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017962365.1_ASM1796236v1_genomic	{'K01897'}	M00086
GCA_017962365.1_ASM1796236v1_genomic	{'K00625', 'K00925'}	M00579
R0170300110_tooth_RA.megahit.bin.64	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300110_tooth_RA.megahit.bin.64	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078361_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078361_A_saliva.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016699955.1_ASM1669995v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016699955.1_ASM1669995v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016699955.1_ASM1669995v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018312-14_RA_dental.metaspades.bin.67	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018312-14_RA_dental.metaspades.bin.67	{'K00625', 'K00925'}	M00579
R0170300222_tooth_RA.megahit.bin.120	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300222_tooth_RA.megahit.bin.120	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_009787015.1_ASM978701v1_genomic	{'K01834', 'K15633', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_009787015.1_ASM978701v1_genomic	{'K01897'}	M00086
GCA_009787015.1_ASM978701v1_genomic	{'K00625', 'K00925'}	M00579
GCA_017433185.1	{'K15633', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017433185.1	{'K01897'}	M00086
GCA_017433185.1	{'K00625', 'K00925'}	M00579
R0170300323_tooth_RAH.megahit.bin.84	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300323_tooth_RAH.megahit.bin.84	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187324_A_saliva.metaspades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187324_A_saliva.metaspades.bin.25	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300325_tooth_RA.megahit.bin.68	{'K01834', 'K01689', 'K00873'}	M00002
R0170300325_tooth_RA.megahit.bin.68	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078756_A_saliva.metaspades.bin.24	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078756_A_saliva.metaspades.bin.24	{'K00625', 'K00925'}	M00579
GCA_017432365.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_007120515.1_ASM712051v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_007120515.1_ASM712051v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
SZAXPI018309-166_RA_dental.metaspades.bin.21	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018309-166_RA_dental.metaspades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017307155.1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017307155.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017307155.1	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002632-89_RA_dental.metaspades.bin.17	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002632-89_RA_dental.metaspades.bin.17	{'K00625', 'K00925'}	M00579
YS000547_saliva.spades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000547_saliva.spades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189874_A_saliva.metaspades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189874_A_saliva.metaspades.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300253_tooth_RAH.megahit.bin.13	{'K01834', 'K01689', 'K00873'}	M00002
R0170300253_tooth_RAH.megahit.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300303_tooth_RAH.megahit.bin.49	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300303_tooth_RAH.megahit.bin.49	{'K00625', 'K00925'}	M00579
RDPYD18189959_A_saliva.metaspades.bin.31	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189959_A_saliva.metaspades.bin.31	{'K00625', 'K00925'}	M00579
RDPYD18075172_A_saliva.metaspades.bin.27	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18075172_A_saliva.metaspades.bin.27	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018188-46_RA_dental.metaspades.bin.49	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018188-46_RA_dental.metaspades.bin.49	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
GCA_027323755.1_ASM2732375v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027323755.1_ASM2732375v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189853_A_saliva.metaspades.bin.43	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189853_A_saliva.metaspades.bin.43	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015257445.1_ASM1525744v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015257445.1_ASM1525744v1_genomic	{'K00625', 'K00925'}	M00579
GCA_027427755.1_ASM2742775v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427755.1_ASM2742775v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_947307445.1_SRR10912535_bin.43_metaWRAP_v1.3_MAG_genomic	{'K01689', 'K00927', 'K00134', 'K00873'}	M00002
GCA_947307445.1_SRR10912535_bin.43_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
RDPYD18201685_A_saliva.metaspades.bin.24	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300222_tooth_RA.megahit.bin.94	{'K01834', 'K01689', 'K00873'}	M00002
R0170300222_tooth_RA.megahit.bin.94	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_018060465.1_ASM1806046v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_018060465.1_ASM1806046v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300231_tooth_RA.megahit.bin.16	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017514675.1_ASM1751467v1_genomic	{'K15633', 'K00927', 'K01689', 'K00134', 'K00873'}	M00002
GCA_017514675.1_ASM1751467v1_genomic	{'K01897'}	M00086
GCA_947429355.1_SRR19981115_bin.23_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947429355.1_SRR19981115_bin.23_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_947569885.1_SRR15604579_bin.36_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947569885.1_SRR15604579_bin.36_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_946409605.1_SRR12081300_bin.39_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946409605.1_SRR12081300_bin.39_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_946409605.1_SRR12081300_bin.39_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_027446985.1_ASM2744698v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027446985.1_ASM2744698v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18078214_A_saliva.metaspades.bin.42	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078214_A_saliva.metaspades.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187508_A_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187508_A_saliva.metaspades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300136_tooth_RA.megahit.bin.71	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300136_tooth_RA.megahit.bin.71	{'K00625', 'K00925'}	M00579
RSZAXPI002313-22_RAH_dental.metaspades.bin.48	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002313-22_RAH_dental.metaspades.bin.48	{'K00625', 'K00925'}	M00579
RDPYD18300081_A_saliva.metaspades.bin.39	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300081_A_saliva.metaspades.bin.39	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_903829335.1_freshwater_MAG_---_AM-lipid-02-D1_bin-0304_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002

GCA_903829335.1_freshwater_MAG_---_AM-lipid-02-D1_bin-0304_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_903829335.1_freshwater_MAG_---_AM-lipid-02-D1_bin-0304_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300274_tooth_RAH.megahit.bin.88	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300274_tooth_RAH.megahit.bin.88	{'K00625', 'K00925'}	M00579
GCA_934717805.1_ERR7745621_bin.22_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748161.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748161.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000632_saliva.spades.bin.35	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000632_saliva.spades.bin.35	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027492255.1_ASM2749225v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027492255.1_ASM2749225v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018316-18_RA_dental.metaspades.bin.5	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018316-18_RA_dental.metaspades.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002337095.1_ASM233709v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903821315.1_freshwater_MAG_---_AM-lipid-01-D2_bin-004_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903821315.1_freshwater_MAG_---_AM-lipid-01-D2_bin-004_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903821315.1_freshwater_MAG_---_AM-lipid-01-D2_bin-004_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18088954_A_saliva.metaspades.bin.47	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_943350085.1_RH-15aug16-19_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_943350085.1_RH-15aug16-19_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300151_tooth_RA.megahit.bin.58	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300151_tooth_RA.megahit.bin.58	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
GCA_946404095.1_SRR12081303_bin.66_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946404095.1_SRR12081303_bin.66_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_946404095.1_SRR12081303_bin.66_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_017510385.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510385.1	{'K00625', 'K00925'}	M00579
R0170300311_tooth_RAH.megahit.bin.92	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300269_tooth_RAH.megahit.bin.29	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300269_tooth_RAH.megahit.bin.29	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300271_tooth_RAH.megahit.bin.97	{'K01834', 'K01689', 'K00873'}	M00002
R0170300271_tooth_RAH.megahit.bin.97	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187537_A_saliva.metaspades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002460-93_2_RAH_saliva.metaspades.bin.39	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002470-105_RAH_saliva.metaspades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002470-105_RAH_saliva.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018178-34_RA_dental.metaspades.bin.52	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000685_saliva.spades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS000685_saliva.spades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300170_tooth_RA.megahit.bin.136	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_025449905.1_ASM2544990v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_025449905.1_ASM2544990v1_genomic	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
RSZYD18078768_A_saliva.metaspades.bin.28	{'K01689', 'K00927', 'K01803', 'K00873'}	M00002
RSZYD18078768_A_saliva.metaspades.bin.28	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
RDPYD18300388_A_saliva.metaspades.bin.27	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300388_A_saliva.metaspades.bin.27	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018435-88_RA_saliva.metaspades.bin.58	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003537595.1_ASM353759v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003537595.1_ASM353759v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_003537595.1_ASM353759v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018287-129_RA_dental.metaspades.bin.24	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018287-129_RA_dental.metaspades.bin.24	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018182-39_RA_dental.metaspades.bin.37	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000411_saliva.spades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000411_saliva.spades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR6748160.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748160.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189858_A_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189858_A_saliva.metaspades.bin.8	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
YS000131_saliva.spades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000131_saliva.spades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189914_A_saliva.metaspades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189914_A_saliva.metaspades.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002657-17_RA_dental.metaspades.bin.42	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002657-17_RA_dental.metaspades.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300294_tooth_RAH.megahit.bin.12	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300294_tooth_RAH.megahit.bin.12	{'K00625', 'K00925'}	M00579
YS001151_saliva.spades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001151_saliva.spades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300293_tooth_RAH.megahit.bin.36	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300293_tooth_RAH.megahit.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017406985.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017406985.1	{'K00625', 'K00925'}	M00579
R0170300327_tooth_RA.megahit.bin.5	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300327_tooth_RA.megahit.bin.5	{'K00625', 'K00925'}	M00579
GCA_947304135.1_SRR10912535_bin.47_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947304135.1_SRR10912535_bin.47_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_947304135.1_SRR10912535_bin.47_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
RSZYD18187124_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300261_tooth_RAH.megahit.bin.18	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
R0170300261_tooth_RAH.megahit.bin.18	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300120_tooth_RA.megahit.bin.14	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300120_tooth_RA.megahit.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201694_A_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201694_A_saliva.metaspades.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300152_tooth_RA.megahit.bin.80	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300152_tooth_RA.megahit.bin.80	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_024682595.1_ASM2468259v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_024682595.1_ASM2468259v1_genomic	{'K01897'}	M00086
GCA_024682595.1_ASM2468259v1_genomic	{'K00925', 'K00625', 'K13788'}	M00579
GCA_016866755.1_JGI_2017-08-21_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016866755.1_JGI_2017-08-21_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002455-75_RAH_dental.metaspades.bin.27	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18078749_A_saliva.metaspades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078749_A_saliva.metaspades.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000007_saliva.spades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS000007_saliva.spades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

GCA_025928155.1_ASM2592815v1_genomic	{'K01834', 'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_025928155.1_ASM2592815v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_025928155.1_ASM2592815v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_903918245.1_freshwater_MAG_---_AM-lipid-01-D1_bin-099_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_903918245.1_freshwater_MAG_---_AM-lipid-01-D1_bin-099_genomic	{'K02300', 'K02297', 'K02299'}	M00417
RDPYD18189879_A_saliva.metaspades.bin.66	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189879_A_saliva.metaspades.bin.66	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_024699125.1_ASM2469912v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_024699125.1_ASM2469912v1_genomic	{'K01897'}	M00086
YS000257_saliva.spades.bin.31	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017652105.1_ASM1765210v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017652105.1_ASM1765210v1_genomic	{'K01897'}	M00086
GCA_027427835.1_ASM2742783v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427835.1_ASM2742783v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427835.1_ASM2742783v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187514_A_saliva.metaspades.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187514_A_saliva.metaspades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187666_A_saliva.metaspades.bin.39	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187203_A_saliva.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187203_A_saliva.metaspades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187663_A_saliva.metaspades.bin.60	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018103-24_RA_dental.metaspades.bin.45	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018103-24_RA_dental.metaspades.bin.45	{'K00625', 'K00925'}	M00579
R0170300279_tooth_RAH.megahit.bin.93	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002331-56_RAH_dental.metaspades.bin.80	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300278_tooth_RAH.megahit.bin.14	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300278_tooth_RAH.megahit.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300279_tooth_RAH.megahit.bin.30	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017533605.1_ASM1753360v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017533605.1_ASM1753360v1_genomic	{'K01897'}	M00086
GCA_017533605.1_ASM1753360v1_genomic	{'K00625', 'K00925'}	M00579
GCA_027427475.1_ASM2742747v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427475.1_ASM2742747v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027427475.1_ASM2742747v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300281_tooth_RAH.megahit.bin.27	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300281_tooth_RAH.megahit.bin.27	{'K00625', 'K00925'}	M00579
RSZAXPI002313-22_RAH_dental.metaspades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002313-22_RAH_dental.metaspades.bin.34	{'K00625', 'K00925'}	M00579
SZAXPI018096-17_RA_dental.metaspades.bin.59	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018096-17_RA_dental.metaspades.bin.59	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300161_tooth_RA.megahit.bin.158	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300161_tooth_RA.megahit.bin.158	{'K00625', 'K00925'}	M00579
SZAXPI018281-102_RA_dental.metaspades.bin.20	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018281-102_RA_dental.metaspades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018397-37_RA_saliva.metaspades.bin.28	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300134_A_saliva.metaspades.bin.113	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_019662065.1_ASM1966206v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_019662065.1_ASM1966206v1_genomic	{'K02298', 'K02297', 'K02299'}	M00417
R0170300169_tooth_RA.megahit.bin.51	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300169_tooth_RA.megahit.bin.51	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300157_tooth_RA.megahit.bin.74	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300157_tooth_RA.megahit.bin.74	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427255.1_ASM2742725v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427255.1_ASM2742725v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000722_saliva.spades.bin.22	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS000722_saliva.spades.bin.22	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_022819345.1_ASM2281934v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022819345.1_ASM2281934v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300120_tooth_RA.megahit.bin.52	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017430785.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017430785.1	{'K01897'}	M00086
R0170300152_tooth_RA.megahit.bin.50	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300152_tooth_RA.megahit.bin.50	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_013333515.2_ASM1333351v2_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_009994745.1_ASM999474v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300271_tooth_RAH.megahit.bin.84	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300271_tooth_RAH.megahit.bin.84	{'K00625', 'K00925'}	M00579
RSZYD18187614_A_saliva.metaspades.bin.13	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300287_tooth_RAH.megahit.bin.150	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300287_tooth_RAH.megahit.bin.150	{'K00625', 'K00925'}	M00579
RSZYD18078609_A_saliva.metaspades.bin.12	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078609_A_saliva.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_018062785.1_ASM1806278v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_018062785.1_ASM1806278v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_018062785.1_ASM1806278v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SRR8114041.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114041.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR6748185.metaspades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748185.metaspades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18088805_A_saliva.metaspades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002315-24_RAH_dental.metaspades.bin.62	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002315-24_RAH_dental.metaspades.bin.62	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016234585.1_ASM1623458v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300136_tooth_RA.megahit.bin.20	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300136_tooth_RA.megahit.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946626365.1_SRR873609_bin.132_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K00134', 'K00873'}	M00002
GCA_946626365.1_SRR873609_bin.132_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
R0170300198_tooth_RA.megahit.bin.28	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300198_tooth_RA.megahit.bin.28	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
YS000604_saliva.spades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000604_saliva.spades.bin.11	{'K02108', 'K02109', 'K02112', 'K02110', 'K02113', 'K02114'}	M00157
R0170300189_tooth_RA.megahit.bin.69	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300189_tooth_RA.megahit.bin.69	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_004136275.1_ASM413627v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_004136275.1_ASM413627v1_genomic	{'K01897'}	M00086
GCA_946480535.1_SRR14536364_bin.32_metawrap_v1.3.0_MAG_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946480535.1_SRR14536364_bin.32_metawrap_v1.3.0_MAG_genomic	{'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_946480535.1_SRR14536364_bin.32_metawrap_v1.3.0_MAG_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_013098515.1_ASM1309851v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013098515.1_ASM1309851v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_017421325.1	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017421325.1	{'K01897'}	M00086
GCA_017421325.1	{'K00625', 'K00925'}	M00579
R0170300276_tooth_RAH.megahit.bin.19	{'K15633', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
R0170300276_tooth_RAH.megahit.bin.19	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

RSZYD18187920_A_saliva.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187920_A_saliva.metaspades.bin.29	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000202_saliva.spades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000202_saliva.spades.bin.16	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110'}	M00157
R0170300092_tooth_RA.megahit.bin.69	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300092_tooth_RA.megahit.bin.69	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000063_saliva.spades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000063_saliva.spades.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002471-106_2_RAH_saliva.metaspades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002471-106_2_RAH_saliva.metaspades.bin.25	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078202_A_saliva.metaspades.bin.4	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078202_A_saliva.metaspades.bin.4	{'K02108', 'K02109', 'K02110'}	M00157
R0170300270_tooth_RAH.megahit.bin.32	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000361_saliva.spades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000361_saliva.spades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18088813_A_saliva.metaspades.bin.37	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947389435.1_SRR15214583_bin.47_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947389435.1_SRR15214583_bin.47_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_016700375.1_ASM1670037v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016700375.1_ASM1670037v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016700375.1_ASM1670037v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300120_tooth_RA.megahit.bin.80	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300120_tooth_RA.megahit.bin.80	{'K00625', 'K00925'}	M00579
GCA_017447485.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017447485.1	{'K01897'}	M00086
GCA_017447485.1	{'K00625', 'K00925'}	M00579
GCA_017459845.1	{'K15633', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017459845.1	{'K01897'}	M00086
SZAXPI018291-142_RA_dental.metaspades.bin.25	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018291-142_RA_dental.metaspades.bin.25	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300254_tooth_RAH.megahit.bin.48	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300254_tooth_RAH.megahit.bin.48	{'K00625', 'K00925'}	M00579
R0170300135_tooth_RA.megahit.bin.82	{'K01834', 'K01689', 'K00873'}	M00002
R0170300135_tooth_RA.megahit.bin.82	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_017404795.1	{'K15633', 'K01689', 'K01803', 'K00134'}	M00002
GCA_017404795.1	{'K01897'}	M00086
GCA_947057165.1_ERR9465706_bin.42_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300378_saliva_RAH.megahit.bin.36	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300378_saliva_RAH.megahit.bin.36	{'K00625', 'K00925'}	M00579
SZAXPI018287-129_RA_dental.metaspades.bin.69	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018287-129_RA_dental.metaspades.bin.69	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017514025.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017514025.1	{'K01897'}	M00086
GCA_017514025.1	{'K00925', 'K00625', 'K13788'}	M00579
RDPYD18300371_A_saliva.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300371_A_saliva.metaspades.bin.29	{'K02108', 'K02109', 'K02110', 'K02113', 'K02114'}	M00157
GCA_017510425.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510425.1	{'K01897'}	M00086
GCA_017510425.1	{'K00925', 'K13788'}	M00579
GCA_002792275.1_ASM279227v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_002792275.1_ASM279227v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_016187125.1_ASM1618712v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_016187125.1_ASM1618712v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300287_tooth_RAH.megahit.bin.130	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
R0170300287_tooth_RAH.megahit.bin.130	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300223_tooth_RA.megahit.bin.80	{'K15633', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300223_tooth_RA.megahit.bin.80	{'K00625', 'K00925'}	M00579
RSZAXPI002620-35_RA_dental.metaspades.bin.36	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002620-35_RA_dental.metaspades.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017941835.1_ASM1794183v1_genomic	{'K15633', 'K00927', 'K01689', 'K00134', 'K00873'}	M00002
GCA_017941835.1_ASM1794183v1_genomic	{'K01897'}	M00086
GCA_017941835.1_ASM1794183v1_genomic	{'K00625', 'K00925'}	M00579
R0170300065_tooth_RA.megahit.bin.77	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187004_A_saliva.metaspades.bin.5	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187004_A_saliva.metaspades.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947427335.1_SRR18439536_bin.19_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947427335.1_SRR18439536_bin.19_metawrap_v1.3_MAG_genomic	{'K00925', 'K00625', 'K13788'}	M00579
R0170300097_tooth_RA.megahit.bin.57	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300097_tooth_RA.megahit.bin.57	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_013333205.2_ASM1333320v2_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333205.2_ASM1333320v2_genomic	{'K00625', 'K00925'}	M00579
GCA_017619315.1_ASM1761931v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017619315.1_ASM1761931v1_genomic	{'K01897'}	M00086
GCA_017619315.1_ASM1761931v1_genomic	{'K00625', 'K00925'}	M00579
YS000385_saliva.spades.bin.1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000385_saliva.spades.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002792255.1_ASM279225v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187350_A_saliva.metaspades.bin.64	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RSZYD18187350_A_saliva.metaspades.bin.64	{'K00625', 'K00925'}	M00579
R0170300192_tooth_RA.megahit.bin.38	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300192_tooth_RA.megahit.bin.38	{'K00625', 'K00925'}	M00579
GCA_001788555.1_ASM178855v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300098_tooth_RA.megahit.bin.129	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300098_tooth_RA.megahit.bin.129	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300319_tooth_RAH.megahit.bin.124	{'K01834', 'K01689', 'K00873'}	M00002
R0170300319_tooth_RAH.megahit.bin.124	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078555_A_saliva.metaspades.bin.67	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
YS000275_saliva.spades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS000275_saliva.spades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300407_A_saliva.metaspades.bin.4	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RDPYD18300407_A_saliva.metaspades.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018276-89_RA_dental.metaspades.bin.7	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018276-89_RA_dental.metaspades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300271_tooth_RAH.megahit.bin.16	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300271_tooth_RAH.megahit.bin.16	{'K00625', 'K00925'}	M00579
GCA_021222645.1_ASM2122264v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_021222645.1_ASM2122264v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018272-74_RA_dental.metaspades.bin.18	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018272-74_RA_dental.metaspades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300137_tooth_RA.megahit.bin.10	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300137_tooth_RA.megahit.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002305-14_RAH_dental.metaspades.bin.61	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003246575.1_ASM324657v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003246575.1_ASM324657v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_945872155.1_SRR15732359_bin.8_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

GCA_945872155.1_SRR15732359_bin.8_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
R0170300274_tooth_RAH.megahit.bin.32	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300274_tooth_RAH.megahit.bin.32	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078259_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078259_A_saliva.metaspades.bin.16	{'K02108', 'K02109', 'K02112', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
RSZAXPI002324-37_RAH_dental.metaspades.bin.42	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002324-37_RAH_dental.metaspades.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946890675.1_ERR9530663_bin.14_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946890675.1_ERR9530663_bin.14_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
SZAXPI018453-13_RA_saliva.metaspades.bin.39	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088838_A_saliva.metaspades.bin.60	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187916_A_saliva.metaspades.bin.50	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187916_A_saliva.metaspades.bin.50	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002413865.1_ASM241386v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002413865.1_ASM241386v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002413865.1_ASM241386v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_946997535.1_SRR16916865_bin.12_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946997535.1_SRR16916865_bin.12_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
R0170300178_tooth_RA.megahit.bin.65	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300178_tooth_RA.megahit.bin.65	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_023257815.1_ASM2325781v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_023257815.1_ASM2325781v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002641-101_RA_dental.metaspades.bin.55	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002641-101_RA_dental.metaspades.bin.55	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300288_tooth_RAH.megahit.bin.22	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300288_tooth_RAH.megahit.bin.22	{'K00625', 'K00925'}	M00579
RSZYD18078483_A_saliva.metaspades.bin.4	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078483_A_saliva.metaspades.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300254_tooth_RAH.megahit.bin.128	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000208_saliva.spades.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000208_saliva.spades.bin.26	{'K02108', 'K02109', 'K02112', 'K02110', 'K02114'}	M00157
YS000374_saliva.spades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000374_saliva.spades.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300221_tooth_RA.megahit.bin.80	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300221_tooth_RA.megahit.bin.80	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_007845355.1_ASM784535v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_007845355.1_ASM784535v1_genomic	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
GCA_014377345.1_ASM1437734v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_014377345.1_ASM1437734v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_014377345.1_ASM1437734v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18300312_A_saliva.metaspades.bin.31	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300312_A_saliva.metaspades.bin.31	{'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_002413795.1_ASM241379v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002413795.1_ASM241379v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18078400_A_saliva.metaspades.bin.68	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078400_A_saliva.metaspades.bin.68	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_915070725.1_SRR1045092_bin.5_metaWRAP_v1.1_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000073_saliva.spades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947097085.1_SRR8786267_bin.10_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189858_A_saliva.metaspades.bin.62	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187652_A_saliva.metaspades.bin.2	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187652_A_saliva.metaspades.bin.2	{'K00625', 'K00925'}	M00579
GCA_017531585.1_ASM1753158v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017531585.1_ASM1753158v1_genomic	{'K00925', 'K00625', 'K13788'}	M00579
GCA_015663315.1_ASM1566331v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015663315.1_ASM1566331v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078769_A_saliva.metaspades.bin.60	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078769_A_saliva.metaspades.bin.60	{'K00625', 'K00925'}	M00579
RSZAXPI002641-101_RA_dental.metaspades.bin.19	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR8114077.metaspades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114077.metaspades.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187330_A_saliva.metaspades.bin.47	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300289_tooth_RAH.megahit.bin.36	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300289_tooth_RAH.megahit.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300323_A_saliva.metaspades.bin.46	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300300_tooth_RAH.megahit.bin.146	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300300_tooth_RAH.megahit.bin.146	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000416_saliva.spades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000416_saliva.spades.bin.11	{'K02108', 'K02109', 'K02112', 'K02110', 'K02113', 'K02114'}	M00157
SZAXPI018273-75_RA_dental.metaspades.bin.22	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018273-75_RA_dental.metaspades.bin.22	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018284-111_RA_dental.metaspades.bin.60	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018284-111_RA_dental.metaspades.bin.60	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_900555675.1_UMGS1848_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_900555675.1_UMGS1848_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427915.1_ASM2742791v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427915.1_ASM2742791v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427915.1_ASM2742791v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_017537745.1_ASM1753774v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017537745.1_ASM1753774v1_genomic	{'K01897'}	M00086
GCA_017537745.1_ASM1753774v1_genomic	{'K00625', 'K00925'}	M00579
GCA_013333575.2_ASM1333357v2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_904425485.1_PRJEB35131-2_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_904425485.1_PRJEB35131-2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946479835.1_SRR15094062_bin.4_metawrap_v1.3.0_MAG_genomic	{'K02108', 'K02112', 'K02110', 'K02114'}	M00157
GCA_946479835.1_SRR15094062_bin.4_metawrap_v1.3.0_MAG_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300203_tooth_RA.megahit.bin.94	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187760_A_saliva.metaspades.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187760_A_saliva.metaspades.bin.26	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300120_tooth_RA.megahit.bin.106	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300120_tooth_RA.megahit.bin.106	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18088983_A_saliva.metaspades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088983_A_saliva.metaspades.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078148_A_saliva.metaspades.bin.14	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078148_A_saliva.metaspades.bin.14	{'K00625', 'K00925'}	M00579
YS000290_saliva.spades.bin.16	{'K01834', 'K01689', 'K01803'}	M00002
YS000290_saliva.spades.bin.16	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
R0170300210_tooth_RA.megahit.bin.95	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300210_tooth_RA.megahit.bin.95	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187110_A_saliva.metaspades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187110_A_saliva.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000122_saliva.spades.bin.4	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000122_saliva.spades.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300236_tooth_RAH.megahit.bin.77	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300236_tooth_RAH.megahit.bin.77	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

SZAXPI018278-93_RA_dental.metaspades.bin.41	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018278-93_RA_dental.metaspades.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300015_A_saliva.metaspades.bin.29	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300015_A_saliva.metaspades.bin.29	{'K00625', 'K00925'}	M00579
SZAXPI018354-19_RA_saliva.metaspades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013316035.1_ASM1331603v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18101881_A_saliva.metaspades.bin.12	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18101881_A_saliva.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18099036_A_saliva.metaspades.bin.59	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748159.metaspades.bin.19	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748159.metaspades.bin.19	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_018127705.1_ASM1812770v1_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_018127705.1_ASM1812770v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187216_A_saliva.metaspades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510075.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510075.1	{'K01897'}	M00086
RSZYD18078307_A_saliva.metaspades.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078307_A_saliva.metaspades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300306_tooth_RAH.megahit.bin.30	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300306_tooth_RAH.megahit.bin.30	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947098845.1_SRR8786267_bin.6_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947098845.1_SRR8786267_bin.6_metaWRAP_v1.3_MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017514045.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017514045.1	{'K01897'}	M00086
RSZYD18187379_A_saliva.metaspades.bin.62	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RSZYD18187379_A_saliva.metaspades.bin.62	{'K02112', 'K02114'}	M00157
SZAXPI018286-123_RA_dental.metaspades.bin.16	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018286-123_RA_dental.metaspades.bin.16	{'K00625', 'K00925'}	M00579
R0170300170_tooth_RA.megahit.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002325-39_RAH_dental.metaspades.bin.11	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002325-39_RAH_dental.metaspades.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002330-47_RAH_dental.metaspades.bin.70	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300281_tooth_RAH.megahit.bin.128	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027331915.1_ASM2733191v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027331915.1_ASM2733191v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027331915.1_ASM2733191v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300239_tooth_RAH.megahit.bin.85	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300239_tooth_RAH.megahit.bin.85	{'K00925', 'K00625', 'K13788'}	M00579
SZAXPI018189-47_RA_dental.metaspades.bin.68	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018189-47_RA_dental.metaspades.bin.68	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300161_tooth_RA.megahit.bin.8	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300161_tooth_RA.megahit.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR8114033.metaspades.bin.42	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114033.metaspades.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300075_tooth_RA.megahit.bin.36	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300102_tooth_RA.megahit.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300102_tooth_RA.megahit.bin.26	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RDPYD18098859_A_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098859_A_saliva.metaspades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903840315.1_freshwater_MAG_---_AM-lipid-02-D2_bin-0413_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903840315.1_freshwater_MAG_---_AM-lipid-02-D2_bin-0413_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_903840315.1_freshwater_MAG_---_AM-lipid-02-D2_bin-0413_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018286-123_RA_dental.metaspades.bin.94	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018286-123_RA_dental.metaspades.bin.94	{'K00625', 'K00925'}	M00579
GCA_017434485.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_026395375.1_ASM2639537v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_026395375.1_ASM2639537v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_026395375.1_ASM2639537v1_genomic	{'K02300', 'K02297', 'K02299'}	M00417
YS001129_saliva.spades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001129_saliva.spades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018453-13_RA_saliva.metaspades.bin.65	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_004100325.1_ASM410032v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_004100325.1_ASM410032v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_004100325.1_ASM410032v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_947307355.1_SRR10912536_bin.13_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947307355.1_SRR10912536_bin.13_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
RSZAXPI002314-23_RAH_dental.metaspades.bin.46	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017983775.1_ASM1798377v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017983775.1_ASM1798377v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946479115.1_ERR5385026_bin.7_metawrap_v1.3.0_MAG_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946479115.1_ERR5385026_bin.7_metawrap_v1.3.0_MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946479115.1_ERR5385026_bin.7_metawrap_v1.3.0_MAG_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_017420225.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017420225.1	{'K01897'}	M00086
GCA_017420225.1	{'K00925', 'K00625', 'K13788'}	M00579
RSZYD18187336_A_saliva.metaspades.bin.56	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RSZYD18187336_A_saliva.metaspades.bin.56	{'K00625', 'K00925'}	M00579
R0170300147_tooth_RA.megahit.bin.17	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300147_tooth_RA.megahit.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078153_A_saliva.metaspades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078153_A_saliva.metaspades.bin.25	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078463_A_saliva.metaspades.bin.4	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002425115.1_ASM242511v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002425115.1_ASM242511v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002425115.1_ASM242511v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187852_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187852_A_saliva.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300285_tooth_RAH.megahit.bin.44	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300285_tooth_RAH.megahit.bin.44	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300194_tooth_RA.megahit.bin.76	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300194_tooth_RA.megahit.bin.76	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017515105.1_ASM1751510v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017515105.1_ASM1751510v1_genomic	{'K01897'}	M00086
GCA_017515105.1_ASM1751510v1_genomic	{'K00625', 'K00925'}	M00579
GCA_010201925.1_ASM1020192v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_010201925.1_ASM1020192v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017515205.1_ASM1751520v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017515205.1_ASM1751520v1_genomic	{'K01897'}	M00086
GCA_017515205.1_ASM1751520v1_genomic	{'K00625', 'K00925'}	M00579
SZAXPI018177-33_RA_dental.metaspades.bin.61	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018177-33_RA_dental.metaspades.bin.61	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947346675.1_SRR14629574_bin.28_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947346675.1_SRR14629574_bin.28_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_014377695.1_ASM1437769v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_014377695.1_ASM1437769v1_genomic	{'K02297'}	M00417

SZAXPI018184-41_RA_dental.metaspades.bin.37	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018184-41_RA_dental.metaspades.bin.37	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018397-37_RA_saliva.metaspades.bin.18	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
SZAXPI018397-37_RA_saliva.metaspades.bin.18	{'K00625', 'K00925'}	M00579
GCA_017418275.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017418275.1	{'K00925', 'K00625', 'K13788'}	M00579
RSZAXPI002655-15_RA_dental.metaspades.bin.44	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002655-15_RA_dental.metaspades.bin.44	{'K00925', 'K00625', 'K13788'}	M00579
GCA_947089645.1_SRR14038237_bin.40_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947089645.1_SRR14038237_bin.40_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
R0170300111_tooth_RA.megahit.bin.32	{'K00625', 'K00925'}	M00579
RSZAXPI002641-101_RA_dental.metaspades.bin.62	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002641-101_RA_dental.metaspades.bin.62	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002326-41_RAH_dental.metaspades.bin.35	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002326-41_RAH_dental.metaspades.bin.35	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018292-158_RA_dental.metaspades.bin.12	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018292-158_RA_dental.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016000245.1_ASM1600024v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016000245.1_ASM1600024v1_genomic	{'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_016000245.1_ASM1600024v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18098998_A_saliva.metaspades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000928_saliva.spades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000928_saliva.spades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078582_A_saliva.metaspades.bin.27	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078582_A_saliva.metaspades.bin.27	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078481_A_saliva.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300200_tooth_RA.megahit.bin.64	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300200_tooth_RA.megahit.bin.64	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300181_tooth_RA.megahit.bin.88	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300181_tooth_RA.megahit.bin.88	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017512225.1	{'K01897'}	M00086
RDPYD18101880_A_saliva.metaspades.bin.11	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RDPYD18101880_A_saliva.metaspades.bin.11	{'K00625', 'K00925'}	M00579
R0170300139_tooth_RA.megahit.bin.75	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300139_tooth_RA.megahit.bin.75	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_013815775.1_ASM1381577v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013815775.1_ASM1381577v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_947253405.1_SRR17635715_bin.15_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947253405.1_SRR17635715_bin.15_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
RSZYD18078781_A_saliva.metaspades.bin.11	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078781_A_saliva.metaspades.bin.11	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
SZAXPI018287-129_RA_dental.metaspades.bin.34	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018287-129_RA_dental.metaspades.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018315-17_RA_dental.metaspades.bin.21	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947253945.1_SRR17635701_bin.9_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947253945.1_SRR17635701_bin.9_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
RSZAXPI002619-34_RA_dental.metaspades.bin.16	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002619-34_RA_dental.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002619-34_RA_dental.metaspades.bin.5	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002619-34_RA_dental.metaspades.bin.5	{'K00625', 'K00925'}	M00579
GCA_013333675.2_ASM1333367v2_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333675.2_ASM1333367v2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078741_A_saliva.metaspades.bin.48	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078741_A_saliva.metaspades.bin.48	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027492735.1_ASM2749273v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027492735.1_ASM2749273v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017437945.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017437945.1	{'K01897'}	M00086
GCA_017437945.1	{'K00925', 'K00625', 'K13788'}	M00579
RSZAXPI002316-25_RAH_dental.metaspades.bin.26	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002316-25_RAH_dental.metaspades.bin.26	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017513905.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017513905.1	{'K01897'}	M00086
RSZAXPI002458-89_RAH_dental.metaspades.bin.78	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002458-89_RAH_dental.metaspades.bin.78	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018320-22_RA_dental.metaspades.bin.16	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018320-22_RA_dental.metaspades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018286-123_RA_dental.metaspades.bin.63	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018286-123_RA_dental.metaspades.bin.63	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098888_A_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427055.1_ASM2742705v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427055.1_ASM2742705v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027427055.1_ASM2742705v1_genomic	{'K02297'}	M00417
R0170300208_tooth_RA.megahit.bin.27	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018406-56_RA_saliva.metaspades.bin.70	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018406-56_RA_saliva.metaspades.bin.70	{'K00625', 'K00925'}	M00579
RSZAXPI002636-95_RA_dental.metaspades.bin.30	{'K01689', 'K00927', 'K01803', 'K00134'}	M00002
RSZAXPI002636-95_RA_dental.metaspades.bin.30	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017406405.1	{'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017406405.1	{'K01897'}	M00086
GCA_022842995.1_ASM2284299v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022842995.1_ASM2284299v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_022842995.1_ASM2284299v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300136_tooth_RA.megahit.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333155.2_ASM1333315v2_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333155.2_ASM1333315v2_genomic	{'K00625', 'K00925'}	M00579
R0170300255_tooth_RAH.megahit.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300235_tooth_RAH.megahit.bin.34	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300235_tooth_RAH.megahit.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300176_tooth_RA.megahit.bin.97	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300176_tooth_RA.megahit.bin.97	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300377_A_saliva.metaspades.bin.20	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300377_A_saliva.metaspades.bin.20	{'K00625', 'K00925'}	M00579
GCA_002427805.1_ASM242780v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002427805.1_ASM242780v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002427805.1_ASM242780v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_002413425.1_ASM241342v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002413425.1_ASM241342v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300213_tooth_RA.megahit.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300213_tooth_RA.megahit.bin.11	{'K00625', 'K00925'}	M00579
RDPYD18098875_A_saliva.metaspades.bin.44	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098875_A_saliva.metaspades.bin.44	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000726_saliva.spades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000726_saliva.spades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078562_A_saliva.metaspades.bin.64	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

RSZYD18078562_A_saliva.metaspades.bin.64	{'K00625', 'K00925'}	M00579
GCA_014191035.1_ASM1419103v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098961_A_saliva.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098961_A_saliva.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_026395395.1_ASM2639539v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
SZAXPI018274-87_RA_dental.metaspades.bin.66	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_010202115.1_ASM1020211v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_010202115.1_ASM1020211v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300187_tooth_RA.megahit.bin.57	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300187_tooth_RA.megahit.bin.57	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001873625.1_ASM187362v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946478995.1_SRR15094062_bin.6_metawrap_v1.3.0_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946478995.1_SRR15094062_bin.6_metawrap_v1.3.0_MAG_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_946478995.1_SRR15094062_bin.6_metawrap_v1.3.0_MAG_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18098980_A_saliva.metaspades.bin.28	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201650_A_saliva.metaspades.bin.5	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201650_A_saliva.metaspades.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300081_A_saliva.metaspades.bin.28	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300081_A_saliva.metaspades.bin.28	{'K00625', 'K00925'}	M00579
RSZAXPI002639-98_RA_dental.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088975_A_saliva.metaspades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300310_tooth_RAH.megahit.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947304155.1_SRR10912535_bin.54_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
GCA_947304155.1_SRR10912535_bin.54_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
R0170300336_saliva_RA.megahit.bin.72	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300183_tooth_RA.megahit.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114076.metaspades.bin.27	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114076.metaspades.bin.27	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905373385.1_SRR9217464-mag-bin.2_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018312-14_RA_dental.metaspades.bin.87	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018312-14_RA_dental.metaspades.bin.87	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000305_saliva.spades.bin.4	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000305_saliva.spades.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903859365.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0353_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903859365.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0353_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903859365.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0353_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300060_tooth_RA.megahit.bin.57	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300193_tooth_RA.megahit.bin.57	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300193_tooth_RA.megahit.bin.57	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS001069_saliva.spades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001069_saliva.spades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027326965.1_ASM2732696v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027326965.1_ASM2732696v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027326965.1_ASM2732696v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002465-98_2_RAH_saliva.metaspades.bin.9	{'K01834', 'K01689', 'K00134', 'K00873'}	M00002
RSZAXPI002465-98_2_RAH_saliva.metaspades.bin.9	{'K00625', 'K00925'}	M00579
R0170300125_tooth_RA.megahit.bin.2	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300125_tooth_RA.megahit.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300036_A_saliva.metaspades.bin.65	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300036_A_saliva.metaspades.bin.65	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002795915.1_ASM279591v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947303945.1_SRR10912540_bin.27_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947303945.1_SRR10912540_bin.27_metaWRAP_v1.3_MAG_genomic	{'K00925', 'K00625', 'K13788'}	M00579
R0170300264_tooth_RAH.megahit.bin.17	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300264_tooth_RAH.megahit.bin.17	{'K00625', 'K00925'}	M00579
R0170300294_tooth_RAH.megahit.bin.112	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300294_tooth_RAH.megahit.bin.112	{'K00625', 'K00925'}	M00579
RDPYD18098861_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002788895.1_ASM278889v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027493025.1_ASM2749302v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027493025.1_ASM2749302v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
RDPYD18098889_A_saliva.metaspades.bin.45	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098889_A_saliva.metaspades.bin.45	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078346_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078346_A_saliva.metaspades.bin.17	{'K02109', 'K02111', 'K02115', 'K02113'}	M00157
R0170300285_tooth_RAH.megahit.bin.82	{'K01834', 'K01689', 'K00873'}	M00002
R0170300285_tooth_RAH.megahit.bin.82	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427515.1_ASM2742751v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427515.1_ASM2742751v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187169_A_saliva.metaspades.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187169_A_saliva.metaspades.bin.33	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RDPYD18300323_A_saliva.metaspades.bin.59	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300061_tooth_RA.megahit.bin.113	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300061_tooth_RA.megahit.bin.113	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947304825.1_SRR10912542_bin.28_metaWRAP_v1.3_MAG_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947304825.1_SRR10912542_bin.28_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_017557805.1_ASM1755780v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017557805.1_ASM1755780v1_genomic	{'K00625', 'K00925'}	M00579
RDPYD18300089_A_saliva.metaspades.bin.34	{'K01834', 'K01689', 'K00927', 'K01803'}	M00002
RDPYD18300089_A_saliva.metaspades.bin.34	{'K02108', 'K02109', 'K02112', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_017404935.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017404935.1	{'K01897'}	M00086
GCA_017404935.1	{'K00925', 'K13788'}	M00579
RSZYD18187166_A_saliva.metaspades.bin.15	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187166_A_saliva.metaspades.bin.15	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300223_tooth_RA.megahit.bin.112	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300223_tooth_RA.megahit.bin.112	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905372305.1_SRR9217408-mag-bin.12_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905372305.1_SRR9217408-mag-bin.12_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
SZAXPI018433-84_RA_saliva.metaspades.bin.87	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017511205.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017511205.1	{'K01897'}	M00086
GCA_017511205.1	{'K00925', 'K00625', 'K13788'}	M00579
GCA_002344735.1_ASM234473v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002344735.1_ASM234473v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002344735.1_ASM234473v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002306-15_2_RAH_saliva.metaspades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300268_tooth_RAH.megahit.bin.13	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300268_tooth_RAH.megahit.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18088984_A_saliva.metaspades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088984_A_saliva.metaspades.bin.13	{'K02109', 'K02112', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
SZAXPI018181-37_RA_dental.metaspades.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000324_saliva.spades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000324_saliva.spades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015999875.1_ASM1599987v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002

GCA_015999875.1_ASM1599987v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015999875.1_ASM1599987v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018285-113_RA_dental.metaspades.bin.57	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018285-113_RA_dental.metaspades.bin.57	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300318_tooth_RAH.megahit.bin.108	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300318_tooth_RAH.megahit.bin.108	{'K00625', 'K00925'}	M00579
SZAXPI018322-24_RA_dental.metaspades.bin.44	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018322-24_RA_dental.metaspades.bin.44	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300170_tooth_RA.megahit.bin.6	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300170_tooth_RA.megahit.bin.6	{'K00925', 'K00625', 'K13788'}	M00579
R0170300285_tooth_RAH.megahit.bin.89	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300285_tooth_RAH.megahit.bin.89	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663_genomic	{'K02297'}	M00417
R0170300067_tooth_RA.megahit.bin.1	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300067_tooth_RA.megahit.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017460225.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017460225.1	{'K01897'}	M00086
RSZAXPI002633-90_RA_dental.metaspades.bin.54	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015257665.1_ASM1525766v1_genomic	{'K01834', 'K01689', 'K00873'}	M00002
GCA_015257665.1_ASM1525766v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300061_tooth_RA.megahit.bin.55	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078579_A_saliva.metaspades.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201775_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01803', 'K00873'}	M00002
RSZYD18078531_A_saliva.metaspades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078531_A_saliva.metaspades.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187409_A_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RSZYD18187409_A_saliva.metaspades.bin.8	{'K02108', 'K02109', 'K02110'}	M00157
GCA_000803625.1_ASM80362v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_000803625.1_ASM80362v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002479-169_RAH_saliva.metaspades.bin.73	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002479-169_RAH_saliva.metaspades.bin.73	{'K00625', 'K00925'}	M00579
RDPYD18098375_A_saliva.metaspades.bin.22	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000029_saliva.spades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000029_saliva.spades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002452155.1_ASM245215v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427715.1_ASM2742771v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427715.1_ASM2742771v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098585_A_saliva.metaspades.bin.25	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098585_A_saliva.metaspades.bin.25	{'K00625', 'K00925'}	M00579
YS000651_saliva.spades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000651_saliva.spades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18093589_A_saliva.metaspades.bin.27	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18093589_A_saliva.metaspades.bin.27	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300279_tooth_RAH.megahit.bin.111	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300279_tooth_RAH.megahit.bin.111	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013333375.2_ASM1333337v2_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333375.2_ASM1333337v2_genomic	{'K00625', 'K00925'}	M00579
GCA_927911635.1_ERR3827207_bin.3_metaWRAP_v1.1_MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300104_tooth_RA.megahit.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300092_tooth_RA.megahit.bin.66	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300092_tooth_RA.megahit.bin.66	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201683_A_saliva.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300170_tooth_RA.megahit.bin.97	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300170_tooth_RA.megahit.bin.97	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018273-75_RA_dental.metaspades.bin.34	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018273-75_RA_dental.metaspades.bin.34	{'K00625', 'K00925'}	M00579
R0170300079_tooth_RA.megahit.bin.18	{'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
R0170300079_tooth_RA.megahit.bin.18	{'K00625', 'K00925'}	M00579
RSZAXPI002460-93_RAH_saliva.metaspades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002460-93_RAH_saliva.metaspades.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002633-90_RA_dental.metaspades.bin.41	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002633-90_RA_dental.metaspades.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300294_tooth_RAH.megahit.bin.42	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300294_tooth_RAH.megahit.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300263_tooth_RAH.megahit.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189869_A_saliva.metaspades.bin.73	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189869_A_saliva.metaspades.bin.73	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300179_tooth_RA.megahit.bin.15	{'K01834', 'K01689', 'K00873'}	M00002
R0170300179_tooth_RA.megahit.bin.15	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018357-22_RA_saliva.metaspades.bin.71	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018357-22_RA_saliva.metaspades.bin.71	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300068_tooth_RA.megahit.bin.89	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300068_tooth_RA.megahit.bin.89	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018312-14_RA_dental.metaspades.bin.62	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018312-14_RA_dental.metaspades.bin.62	{'K00625', 'K00925'}	M00579
SZAXPI018284-111_RA_dental.metaspades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002606-27_RA_dental.metaspades.bin.59	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002606-27_RA_dental.metaspades.bin.59	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300213_tooth_RA.megahit.bin.30	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300213_tooth_RA.megahit.bin.30	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18088975_A_saliva.metaspades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18099019_A_saliva.metaspades.bin.28	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18099019_A_saliva.metaspades.bin.28	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017482785.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017482785.1	{'K01897'}	M00086
GCA_015999845.1_ASM1599984v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015999845.1_ASM1599984v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018181-37_RA_dental.metaspades.bin.31	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018181-37_RA_dental.metaspades.bin.31	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300156_tooth_RA.megahit.bin.91	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300156_tooth_RA.megahit.bin.91	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300313_tooth_RAH.megahit.bin.7	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300313_tooth_RAH.megahit.bin.7	{'K00625', 'K00925'}	M00579
GCA_903847695.1_freshwater_MAG_---_YR_bin-4361_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903847695.1_freshwater_MAG_---_YR_bin-4361_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002321-33_RAH_dental.metaspades.bin.23	{'K01834', 'K01689', 'K00873'}	M00002
RSZAXPI002321-33_RAH_dental.metaspades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017433845.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017433845.1	{'K00925', 'K00625', 'K13788'}	M00579
R0170300147_tooth_RA.megahit.bin.4	{'K01834', 'K01689', 'K00873'}	M00002
R0170300147_tooth_RA.megahit.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000127_saliva.spades.bin.16	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000127_saliva.spades.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

GCA_017506895.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017506895.1	{'K01897'}	M00086
GCA_017506895.1	{'K00625', 'K00925'}	M00579
R0170300136_tooth_RA.megahit.bin.76	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300136_tooth_RA.megahit.bin.76	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000143_saliva.spades.bin.5	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000143_saliva.spades.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002839415.1_ASM283941v1_genomic	{'K15633', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002839415.1_ASM283941v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR6748163.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748163.metaspades.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS001157_saliva.spades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001157_saliva.spades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002421965.1_ASM242196v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002421965.1_ASM242196v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003133385.1_20120500_P26_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003133385.1_20120500_P26_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003133385.1_20120500_P26_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_017457925.1	{'K15633', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017457925.1	{'K01897'}	M00086
GCA_017457925.1	{'K00925', 'K00625', 'K13788'}	M00579
GCA_027426695.1_ASM2742669v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_027426695.1_ASM2742669v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300202_A_saliva.metaspades.bin.45	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016112465.1_ASM1611246v1_genomic	{'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016112465.1_ASM1611246v1_genomic	{'K00625', 'K00925'}	M00579
GCA_017405225.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI011699-166_RA_dental.metaspades.bin.58	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI011699-166_RA_dental.metaspades.bin.58	{'K00625', 'K00925'}	M00579
R0170300267_tooth_RAH.megahit.bin.37	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300267_tooth_RAH.megahit.bin.37	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300165_tooth_RA.megahit.bin.3	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300165_tooth_RA.megahit.bin.3	{'K00625', 'K00925'}	M00579
YS000926_saliva.spades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000926_saliva.spades.bin.2	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
RSZYD18187200_A_saliva.metaspades.bin.37	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187200_A_saliva.metaspades.bin.37	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187503_A_saliva.metaspades.bin.19	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187503_A_saliva.metaspades.bin.19	{'K00625', 'K00925'}	M00579
RSZYD18078311_A_saliva.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078311_A_saliva.metaspades.bin.7	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
YS000587_saliva.spades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000587_saliva.spades.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300196_tooth_RA.megahit.bin.46	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300065_tooth_RA.megahit.bin.79	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300097_tooth_RA.megahit.bin.6	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300097_tooth_RA.megahit.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946893605.1_PRJEB56001_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946893605.1_PRJEB56001_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_012965045.1_ASM1296504v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_012965045.1_ASM1296504v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002952755.1_ASM295275v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002952755.1_ASM295275v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002952755.1_ASM295275v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018174-30_RA_dental.metaspades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018174-30_RA_dental.metaspades.bin.36	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
RSZYD18078482_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_020428315.1_ASM2042831v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_020428315.1_ASM2042831v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
YS000871_saliva.spades.bin.22	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000871_saliva.spades.bin.22	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300222_tooth_RA.megahit.bin.35	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300222_tooth_RA.megahit.bin.35	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016196105.1_ASM1619610v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016196105.1_ASM1619610v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016196105.1_ASM1619610v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018097-18_RA_dental.metaspades.bin.33	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018097-18_RA_dental.metaspades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016183515.1_ASM1618351v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016183515.1_ASM1618351v1_genomic	{'K02298', 'K02300', 'K02299'}	M00417
GCA_017460105.1	{'K01689', 'K00927', 'K00134', 'K00873'}	M00002
GCA_017460105.1	{'K01897'}	M00086
SZAXPI018277-90_RA_dental.metaspades.bin.26	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018277-90_RA_dental.metaspades.bin.26	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18088951_A_saliva.metaspades.bin.87	{'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088951_A_saliva.metaspades.bin.87	{'K00625', 'K00925'}	M00579
R0170300252_tooth_RAH.megahit.bin.79	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300252_tooth_RAH.megahit.bin.79	{'K00625', 'K00925'}	M00579
GCA_017536895.1_ASM1753689v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017536895.1_ASM1753689v1_genomic	{'K01897'}	M00086
GCA_017536895.1_ASM1753689v1_genomic	{'K00625', 'K00925'}	M00579
RSZAXPI002617-32_RA_dental.metaspades.bin.20	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002617-32_RA_dental.metaspades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18123870_A_saliva.metaspades.bin.24	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18123870_A_saliva.metaspades.bin.24	{'K00625', 'K00925'}	M00579
RSZAXPI002636-95_RA_dental.metaspades.bin.12	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002636-95_RA_dental.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187669_A_saliva.metaspades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187669_A_saliva.metaspades.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187466_A_saliva.metaspades.bin.39	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RSZYD18187466_A_saliva.metaspades.bin.39	{'K02112', 'K02115', 'K02114'}	M00157
SZAXPI018172-26_RA_dental.metaspades.bin.42	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018172-26_RA_dental.metaspades.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000927_saliva.spades.bin.50	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000927_saliva.spades.bin.50	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427395.1_ASM2742739v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_027427395.1_ASM2742739v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002311-20_RAH_dental.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000678_saliva.spades.bin.12	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000678_saliva.spades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300320_tooth_RAH.megahit.bin.4	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300320_tooth_RAH.megahit.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016283505.1_ASM1628350v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016283505.1_ASM1628350v1_genomic	{'K01897'}	M00086
GCA_016283505.1_ASM1628350v1_genomic	{'K00625', 'K00925'}	M00579

GCA_946998385.1_SRR16916860_bin.6_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946998385.1_SRR16916860_bin.6_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_905372835.1_SRR9217428-mag-bin.30_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905372835.1_SRR9217428-mag-bin.30_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300059_A_saliva.metaspades.bin.13	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110'}	M00157
RSZYD18187773_A_saliva.metaspades.bin.68	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187773_A_saliva.metaspades.bin.68	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017460625.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017460625.1	{'K01897'}	M00086
RSZYD18078355_A_saliva.metaspades.bin.74	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078355_A_saliva.metaspades.bin.74	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201709_A_saliva.metaspades.bin.24	{'K01689', 'K00927', 'K01803', 'K00134'}	M00002
RDPYD18201709_A_saliva.metaspades.bin.24	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300124_tooth_RA.megahit.bin.51	{'K01834', 'K01689', 'K00873'}	M00002
R0170300124_tooth_RA.megahit.bin.51	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017432105.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017432105.1	{'K01897'}	M00086
GCA_017432105.1	{'K00925', 'K13788'}	M00579
YS000360_saliva.spades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000360_saliva.spades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_022828245.1_ASM2282824v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022828245.1_ASM2282824v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_943353165.1_RH-20apr16-349_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_943353165.1_RH-20apr16-349_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RSZYD18078736_A_saliva.metaspades.bin.17	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078736_A_saliva.metaspades.bin.17	{'K00625', 'K00925'}	M00579
R0170300306_tooth_RAH.megahit.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300306_tooth_RAH.megahit.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905373795.1_SRR9217490-mag-bin.5_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905373795.1_SRR9217490-mag-bin.5_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300309_tooth_RAH.megahit.bin.15	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018288-133_RA_dental.metaspades.bin.72	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018288-133_RA_dental.metaspades.bin.72	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017404325.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017404325.1	{'K01897'}	M00086
GCA_017404325.1	{'K00925', 'K13788'}	M00579
R0170300282_tooth_RAH.megahit.bin.15	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002673-20_RA_dental.metaspades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002673-20_RA_dental.metaspades.bin.25	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187907_A_saliva.metaspades.bin.32	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187907_A_saliva.metaspades.bin.32	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013333415.2_ASM1333341v2_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333415.2_ASM1333341v2_genomic	{'K00625', 'K00925'}	M00579
R0170300193_tooth_RA.megahit.bin.67	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300193_tooth_RA.megahit.bin.67	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018176-32_RA_dental.metaspades.bin.12	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018176-32_RA_dental.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_022828325.1_ASM2282832v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022828325.1_ASM2282832v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078473_A_saliva.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078473_A_saliva.metaspades.bin.18	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
GCA_017524405.1_ASM1752440v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017524405.1_ASM1752440v1_genomic	{'K00625', 'K00925'}	M00579
RSZAXPI002312-21_RAH_dental.metaspades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905373275.1_SRR9217462-mag-bin.7_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201598_A_saliva.metaspades.bin.37	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201598_A_saliva.metaspades.bin.37	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201698_A_saliva.metaspades.bin.50	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187400_A_saliva.metaspades.bin.89	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187400_A_saliva.metaspades.bin.89	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187184_A_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187184_A_saliva.metaspades.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300078_tooth_RA.megahit.bin.66	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016219345.1_ASM1621934v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016219345.1_ASM1621934v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_016219345.1_ASM1621934v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002653-13_RA_saliva.metaspades.bin.70	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002653-13_RA_saliva.metaspades.bin.70	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300133_tooth_RA.megahit.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300133_tooth_RA.megahit.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187612_A_saliva.metaspades.bin.12	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187612_A_saliva.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_009776375.1_ASM977637v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_009776375.1_ASM977637v1_genomic	{'K01897'}	M00086
GCA_009776375.1_ASM977637v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_009776375.1_ASM977637v1_genomic	{'K00925', 'K00625', 'K13788'}	M00579
GCA_947059195.1_ERR9465699_bin.49_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947059195.1_ERR9465699_bin.49_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
RSZAXPI002318-27_RAH_dental.metaspades.bin.48	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002318-27_RAH_dental.metaspades.bin.48	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000932_saliva.spades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18097572_A_saliva.metaspades.bin.15	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905372385.1_SRR9217408-mag-bin.1_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905372385.1_SRR9217408-mag-bin.1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946561855.1_SRR19792994_bin.70_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300326_tooth_RA.megahit.bin.12	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002326-41_RAH_dental.metaspades.bin.8	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002326-41_RAH_dental.metaspades.bin.8	{'K00925', 'K00625', 'K13788'}	M00579
GCA_002404195.1_ASM240419v1_genomic	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002404195.1_ASM240419v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002404195.1_ASM240419v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18097660_A_saliva.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18097660_A_saliva.metaspades.bin.29	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300162_tooth_RA.megahit.bin.4	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300267_tooth_RAH.megahit.bin.64	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300267_tooth_RAH.megahit.bin.64	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027449065.1_ASM2744906v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027449065.1_ASM2744906v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027449065.1_ASM2744906v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_017459705.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017459705.1	{'K01897'}	M00086
GCA_017459705.1	{'K00625', 'K00925'}	M00579
SZAXPI018094-15_RA_dental.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187311_A_saliva.metaspades.bin.30	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000487_saliva.spades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

YS000487_saliva.spades.bin.36	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078725_A_saliva.metaspades.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078725_A_saliva.metaspades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187626_A_saliva.metaspades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187626_A_saliva.metaspades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015257785.3_ASM1525778v3_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018190-56_RA_dental.metaspades.bin.33	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018190-56_RA_dental.metaspades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300152_tooth_RA.megahit.bin.61	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300152_tooth_RA.megahit.bin.61	{'K00625', 'K00925'}	M00579
SZAXPI018317-19_RA_dental.metaspades.bin.46	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018317-19_RA_dental.metaspades.bin.46	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000166_saliva.spades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000166_saliva.spades.bin.9	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078809_A_saliva.metaspades.bin.65	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078809_A_saliva.metaspades.bin.65	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI011699-166_RA_dental.metaspades.bin.36	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI011699-166_RA_dental.metaspades.bin.36	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300252_tooth_RAH.megahit.bin.32	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947388885.1_SRR15214585_bin.22_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002675-22_RA_dental.metaspades.bin.61	{'K01834', 'K01689', 'K00873'}	M00002
RSZAXPI002675-22_RA_dental.metaspades.bin.61	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_025924835.1_ASM2592483v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_025924835.1_ASM2592483v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_025924835.1_ASM2592483v1_genomic	{'K02298', 'K02297', 'K02299'}	M00417
RSZYD18187707_A_saliva.metaspades.bin.80	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187707_A_saliva.metaspades.bin.80	{'K00625', 'K00925'}	M00579
GCA_013100805.1_ASM1310080v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013100805.1_ASM1310080v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300204_tooth_RA.megahit.bin.65	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300204_tooth_RA.megahit.bin.65	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_013333135.2_ASM1333313v2_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333135.2_ASM1333313v2_genomic	{'K00625', 'K00925'}	M00579
GCA_947385605.1_ERR6760111_bin.57_metawrap_v1.3_MAG_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947385605.1_ERR6760111_bin.57_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
R0170300323_tooth_RAH.megahit.bin.52	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300323_tooth_RAH.megahit.bin.52	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
RDPYD18098936_A_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_005697215.1_ASM569721v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_005697215.1_ASM569721v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015257815.1_ASM1525781v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002627-75_RA_dental.metaspades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016191105.1_ASM1619110v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016191105.1_ASM1619110v1_genomic	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
RSZYD18187438_A_saliva.metaspades.bin.51	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RSZYD18078399_A_saliva.metaspades.bin.40	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078399_A_saliva.metaspades.bin.40	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300195_tooth_RA.megahit.bin.89	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300195_tooth_RA.megahit.bin.89	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027428095.1_ASM2742809v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
GCA_027428095.1_ASM2742809v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
R0170300118_tooth_RA.megahit.bin.3	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300118_tooth_RA.megahit.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_024635495.1_ASM2463549v1_genomic	{'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_024635495.1_ASM2463549v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_024635495.1_ASM2463549v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002673-20_RA_dental.metaspades.bin.43	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002673-20_RA_dental.metaspades.bin.43	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187447_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013100825.1_ASM1310082v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013100825.1_ASM1310082v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027426995.1_ASM2742699v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027426995.1_ASM2742699v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027426995.1_ASM2742699v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002309-18_RAH_dental.metaspades.bin.28	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002309-18_RAH_dental.metaspades.bin.28	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300219_tooth_RA.megahit.bin.19	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300219_tooth_RA.megahit.bin.19	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078343_A_saliva.metaspades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078343_A_saliva.metaspades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078466_A_saliva.metaspades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078466_A_saliva.metaspades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201627_A_saliva.metaspades.bin.4	{'K01689', 'K00927', 'K01803', 'K00134'}	M00002
RDPYD18201627_A_saliva.metaspades.bin.4	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
RSZYD18078660_A_saliva.metaspades.bin.67	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078660_A_saliva.metaspades.bin.67	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002609-25_RA_dental.metaspades.bin.46	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002609-25_RA_dental.metaspades.bin.46	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300327_tooth_RA.megahit.bin.68	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300327_tooth_RA.megahit.bin.68	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300141_tooth_RA.megahit.bin.72	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300144_tooth_RA.megahit.bin.121	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300144_tooth_RA.megahit.bin.121	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018172-26_RA_dental.metaspades.bin.32	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018172-26_RA_dental.metaspades.bin.32	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002331-56_RAH_dental.metaspades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903894915.1_freshwater_MAG_---_AlinenLipids_bin-5330_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903894915.1_freshwater_MAG_---_AlinenLipids_bin-5330_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_903894915.1_freshwater_MAG_---_AlinenLipids_bin-5330_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187299_A_saliva.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187299_A_saliva.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017431745.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017431745.1	{'K01897'}	M00086
R0170300301_tooth_RAH.megahit.bin.77	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300301_tooth_RAH.megahit.bin.77	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300258_tooth_RAH.megahit.bin.41	{'K01834', 'K15634', 'K01689', 'K00873'}	M00002
R0170300258_tooth_RAH.megahit.bin.41	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027331975.1_ASM2733197v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027331975.1_ASM2733197v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027331975.1_ASM2733197v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
YS000381_saliva.spades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS000381_saliva.spades.bin.25	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947426085.1_SRR18439536_bin.4_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016000075.1_ASM1600007v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016000075.1_ASM1600007v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

GCA_027427775.1_ASM2742777v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427775.1_ASM2742777v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427775.1_ASM2742777v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RDPYD18097506_A_saliva.metaspades.bin.46	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300324_A_saliva.metaspades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300324_A_saliva.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_025451045.1_ASM2545104v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_025451045.1_ASM2545104v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_025451045.1_ASM2545104v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300318_tooth_RAH.megahit.bin.131	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300318_tooth_RAH.megahit.bin.131	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002434055.1_ASM243405v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002434055.1_ASM243405v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_002434055.1_ASM243405v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_902461855.1_UHGG-TPA_MGYG-HGUT-00376_genomic	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300091_A_saliva.metaspades.bin.68	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300091_A_saliva.metaspades.bin.68	{'K00625', 'K00925'}	M00579
RSZYD18187358_A_saliva.metaspades.bin.22	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187358_A_saliva.metaspades.bin.22	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018493-25_RA_saliva.metaspades.bin.44	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018493-25_RA_saliva.metaspades.bin.44	{'K00625', 'K00925'}	M00579
SZAXPI018271-62_RA_dental.metaspades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018271-62_RA_dental.metaspades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300268_tooth_RAH.megahit.bin.104	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300268_tooth_RAH.megahit.bin.104	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018275-88_RA_dental.metaspades.bin.50	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018275-88_RA_dental.metaspades.bin.50	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18088979_A_saliva.metaspades.bin.8	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088979_A_saliva.metaspades.bin.8	{'K00625', 'K00925'}	M00579
RSZYD18187790_A_saliva.metaspades.bin.2	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187790_A_saliva.metaspades.bin.2	{'K00625', 'K00925'}	M00579
GCA_002313515.1_ASM231351v1_genomic	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002313515.1_ASM231351v1_genomic	{'K01897'}	M00086
GCA_013098655.1_ASM1309865v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013098655.1_ASM1309865v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098496_A_saliva.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947384105.1_ERR6760075_bin.53_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300207_tooth_RA.megahit.bin.65	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946222005.1_ZZEVbxAAOO_bin.25.MAG_genomic	{'K01834', 'K01689', 'K00873'}	M00002
GCA_946222005.1_ZZEVbxAAOO_bin.25.MAG_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078582_A_saliva.metaspades.bin.58	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078582_A_saliva.metaspades.bin.58	{'K00625', 'K00925'}	M00579
RDPYD18189830_A_saliva.metaspades.bin.63	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189830_A_saliva.metaspades.bin.63	{'K02112', 'K02114'}	M00157
RDPYD18099004_A_saliva.metaspades.bin.53	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18099004_A_saliva.metaspades.bin.53	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000545_saliva.spades.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000545_saliva.spades.bin.26	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
GCA_946408075.1_SRR12081296_bin.6_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946408075.1_SRR12081296_bin.6_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
GCA_017541245.1_ASM1754124v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017541245.1_ASM1754124v1_genomic	{'K01897'}	M00086
GCA_017541245.1_ASM1754124v1_genomic	{'K00625', 'K00925'}	M00579
RDPYD18088968_A_saliva.metaspades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088968_A_saliva.metaspades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000207_saliva.spades.bin.17	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
YS000207_saliva.spades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017510845.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300362_A_saliva.metaspades.bin.83	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300362_A_saliva.metaspades.bin.83	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187595_A_saliva.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187595_A_saliva.metaspades.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187174_A_saliva.metaspades.bin.29	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187174_A_saliva.metaspades.bin.29	{'K00625', 'K00925'}	M00579
GCA_010014515.1_ASM1001451v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_010014515.1_ASM1001451v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098469_A_saliva.metaspades.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098469_A_saliva.metaspades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300101_A_saliva.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300101_A_saliva.metaspades.bin.29	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300224_tooth_RA.megahit.bin.94	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300224_tooth_RA.megahit.bin.94	{'K00625', 'K00925'}	M00579
R0170300157_tooth_RA.megahit.bin.55	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300157_tooth_RA.megahit.bin.55	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RSZAXPI002613-24_RA_dental.metaspades.bin.48	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002613-24_RA_dental.metaspades.bin.48	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018317-19_RA_dental.metaspades.bin.69	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300266_tooth_RAH.megahit.bin.13	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300266_tooth_RAH.megahit.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300253_tooth_RAH.megahit.bin.35	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300253_tooth_RAH.megahit.bin.35	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187457_A_saliva.metaspades.bin.42	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187457_A_saliva.metaspades.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078140_A_saliva.metaspades.bin.44	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078140_A_saliva.metaspades.bin.44	{'K00625', 'K00925'}	M00579
RDPYD18300014_A_saliva.metaspades.bin.15	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
RDPYD18300014_A_saliva.metaspades.bin.15	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947302975.1_SRR10912535_bin.55_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947302975.1_SRR10912535_bin.55_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
R0170300308_tooth_RAH.megahit.bin.44	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300308_tooth_RAH.megahit.bin.44	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18097621_A_saliva.metaspades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18097621_A_saliva.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187275_A_saliva.metaspades.bin.59	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001790385.1_ASM179038v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001790385.1_ASM179038v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947388865.1_SRR15214599_bin.4_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947388865.1_SRR15214599_bin.4_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
R0170300192_tooth_RA.megahit.bin.84	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300192_tooth_RA.megahit.bin.84	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002613-24_RA_dental.metaspades.bin.37	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002613-24_RA_dental.metaspades.bin.37	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300378_saliva_RAH.megahit.bin.43	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017516075.1_ASM1751607v1_genomic	{'K15633', 'K01689', 'K01803', 'K00134'}	M00002
GCA_017516075.1_ASM1751607v1_genomic	{'K01897'}	M00086

GCA_017516075.1_ASM1751607v1_genomic	{'K00625', 'K00925'}	M00579
GCA_017515265.1_ASM1751526v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017515265.1_ASM1751526v1_genomic	{'K01897'}	M00086
YS001052_saliva.spades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001052_saliva.spades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300070_tooth_RA.megahit.bin.58	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300070_tooth_RA.megahit.bin.58	{'K00625', 'K00925'}	M00579
GCA_017557865.1_ASM1755786v1_genomic	{'K15633', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017557865.1_ASM1755786v1_genomic	{'K01897'}	M00086
R0170300288_tooth_RAH.megahit.bin.40	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078100_A_saliva.metaspades.bin.89	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078100_A_saliva.metaspades.bin.89	{'K00625', 'K00925'}	M00579
GCA_009777315.1_ASM977731v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_009777315.1_ASM977731v1_genomic	{'K00625', 'K00925'}	M00579
GCA_016700015.1_ASM1670001v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016700015.1_ASM1670001v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300219_tooth_RA.megahit.bin.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300219_tooth_RA.megahit.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078262_A_saliva.metaspades.bin.69	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333815.2_ASM1333381v2_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_013333815.2_ASM1333381v2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002675-22_RA_dental.metaspades.bin.45	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018318-20_RA_dental.metaspades.bin.6	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018318-20_RA_dental.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027356125.1_ASM2735612v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RDPYD18088985_A_saliva.metaspades.bin.11	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088985_A_saliva.metaspades.bin.11	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018092-13_RA_dental.metaspades.bin.42	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018092-13_RA_dental.metaspades.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300302_tooth_RAH.megahit.bin.78	{'K01834', 'K01689', 'K00873'}	M00002
R0170300302_tooth_RAH.megahit.bin.78	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002304-13_RAH_dental.metaspades.bin.45	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002304-13_RAH_dental.metaspades.bin.45	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300277_tooth_RAH.megahit.bin.101	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300277_tooth_RAH.megahit.bin.101	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300267_tooth_RAH.megahit.bin.31	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300267_tooth_RAH.megahit.bin.31	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015257495.1_ASM1525749v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015257495.1_ASM1525749v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18097648_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18097648_A_saliva.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201957_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098326_A_saliva.metaspades.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187344_A_saliva.metaspades.bin.71	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187344_A_saliva.metaspades.bin.71	{'K00625', 'K00925'}	M00579
GCA_016286785.1_ASM1628678v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016286785.1_ASM1628678v1_genomic	{'K01897'}	M00086
GCA_016286785.1_ASM1628678v1_genomic	{'K00625', 'K00925'}	M00579
RSZAXPI002617-32_RA_dental.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002617-32_RA_dental.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078630_A_saliva.metaspades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078630_A_saliva.metaspades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187640_A_saliva.metaspades.bin.22	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187640_A_saliva.metaspades.bin.22	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189836_A_saliva.metaspades.bin.24	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189836_A_saliva.metaspades.bin.24	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300271_tooth_RAH.megahit.bin.109	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300271_tooth_RAH.megahit.bin.109	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201891_A_saliva.metaspades.bin.24	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078673_A_saliva.metaspades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078673_A_saliva.metaspades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_018062805.1_ASM1806280v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_018062805.1_ASM1806280v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300119_tooth_RA.megahit.bin.12	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187273_A_saliva.metaspades.bin.58	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187273_A_saliva.metaspades.bin.58	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078748_A_saliva.metaspades.bin.42	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_024635455.1_ASM2463545v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_024635455.1_ASM2463545v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
RSZYD18187112_A_saliva.metaspades.bin.35	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027311865.1_ASM2731186v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027311865.1_ASM2731186v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18300075_A_saliva.metaspades.bin.22	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300075_A_saliva.metaspades.bin.22	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027426915.1_ASM2742691v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027426915.1_ASM2742691v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027426915.1_ASM2742691v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SZAXPI018391-27_RA_saliva.metaspades.bin.47	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018391-27_RA_saliva.metaspades.bin.47	{'K00625', 'K00925'}	M00579
R0170300323_tooth_RAH.megahit.bin.22	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300323_tooth_RAH.megahit.bin.22	{'K00625', 'K00925'}	M00579
RSZYD18078454_A_saliva.metaspades.bin.52	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078454_A_saliva.metaspades.bin.52	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003523165.1_ASM352316v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003523165.1_ASM352316v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003523165.1_ASM352316v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187002_A_saliva.metaspades.bin.39	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187002_A_saliva.metaspades.bin.39	{'K00625', 'K00925'}	M00579
SZAXPI011699-166_RA_dental.metaspades.bin.38	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI011699-166_RA_dental.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300172_tooth_RA.megahit.bin.52	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027426975.1_ASM2742697v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027426975.1_ASM2742697v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027426975.1_ASM2742697v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300248_tooth_RAH.megahit.bin.109	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300248_tooth_RAH.megahit.bin.109	{'K00625', 'K00925'}	M00579
GCA_027450165.1_ASM2745016v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027450165.1_ASM2745016v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027450165.1_ASM2745016v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_025273655.1_ASM2527365v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_025273655.1_ASM2527365v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_025273655.1_ASM2527365v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_946407955.1_SRR12081294_bin.80_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946407955.1_SRR12081294_bin.80_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
RSZYD18078467_A_saliva.metaspades.bin.16	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

R0170300253_tooth_RAH.megahit.bin.118	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300253_tooth_RAH.megahit.bin.118	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078148_A_saliva.metaspades.bin.88	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078148_A_saliva.metaspades.bin.88	{'K02108', 'K02109', 'K02112', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
R0170300223_tooth_RA.megahit.bin.25	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300223_tooth_RA.megahit.bin.25	{'K00625', 'K00925'}	M00579
R0170300269_tooth_RAH.megahit.bin.68	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300269_tooth_RAH.megahit.bin.68	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300203_tooth_RA.megahit.bin.90	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300203_tooth_RA.megahit.bin.90	{'K00625', 'K00925'}	M00579
RSZAXPI002321-33_RAH_dental.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300241_tooth_RAH.megahit.bin.28	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
SZAXPI018190-56_RA_dental.metaspades.bin.44	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
YS001023_saliva.spades.bin.13	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001023_saliva.spades.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300127_tooth_RA.megahit.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS001132_saliva.spades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS001132_saliva.spades.bin.25	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
RSZYD18078615_A_saliva.metaspades.bin.45	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078615_A_saliva.metaspades.bin.45	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_018001155.1_ASM1800115v1_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_018001155.1_ASM1800115v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187792_A_saliva.metaspades.bin.31	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187792_A_saliva.metaspades.bin.31	{'K02108', 'K02109', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
GCA_027314885.1_ASM2731488v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027314885.1_ASM2731488v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027314885.1_ASM2731488v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300231_tooth_RA.megahit.bin.10	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300231_tooth_RA.megahit.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187389_A_saliva.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187389_A_saliva.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_genomic	{'K00925', 'K00625', 'K13788'}	M00579
RSZYD18187171_A_saliva.metaspades.bin.47	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187171_A_saliva.metaspades.bin.47	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018322-24_RA_dental.metaspades.bin.62	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018322-24_RA_dental.metaspades.bin.62	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947090635.1_SRR11749285_bin.3_metaWRAP_v1.3_MAG_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947090635.1_SRR11749285_bin.3_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
R0170300165_tooth_RA.megahit.bin.12	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300165_tooth_RA.megahit.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187002_A_saliva.metaspades.bin.59	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187002_A_saliva.metaspades.bin.59	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017459765.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017459765.1	{'K01897'}	M00086
GCA_017459765.1	{'K00625', 'K00925'}	M00579
GCA_947362105.1_SRR15194760_bin.16_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947362105.1_SRR15194760_bin.16_metawrap_v1.3_MAG_genomic	{'K00925', 'K00625', 'K13788'}	M00579
RSZAXPI002629-81_RA_dental.metaspades.bin.82	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
GCA_947366635.1_SRR15322614_bin.1_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078807_A_saliva.metaspades.bin.46	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078807_A_saliva.metaspades.bin.46	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
GCA_016178135.1_ASM1617813v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016178135.1_ASM1617813v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016178135.1_ASM1617813v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_947304955.1_SRR10912542_bin.53_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300128_tooth_RA.megahit.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300128_tooth_RA.megahit.bin.9	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_905373345.1_SRR9217464-mag-bin.7_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187442_A_saliva.metaspades.bin.35	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187442_A_saliva.metaspades.bin.35	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300077_tooth_RA.megahit.bin.6	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300077_tooth_RA.megahit.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000394_saliva.spades.bin.25	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000394_saliva.spades.bin.25	{'K02108', 'K02109', 'K02112', 'K02110', 'K02113', 'K02114'}	M00157
YS000532_saliva.spades.bin.18	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000532_saliva.spades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027426835.1_ASM2742683v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027426835.1_ASM2742683v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027426835.1_ASM2742683v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187119_A_saliva.metaspades.bin.9	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000546_saliva.spades.bin.3	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000546_saliva.spades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946406315.1_SRR12081301_bin.45_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946406315.1_SRR12081301_bin.45_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
R0170300226_tooth_RA.megahit.bin.18	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300226_tooth_RA.megahit.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000274_saliva.spades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000274_saliva.spades.bin.38	{'K02108', 'K02109', 'K02112', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_017992295.1_ASM1799229v1_genomic	{'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017992295.1_ASM1799229v1_genomic	{'K01897'}	M00086
GCA_017992295.1_ASM1799229v1_genomic	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
SZAXPI018275-88_RA_dental.metaspades.bin.38	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018275-88_RA_dental.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_900555265.1_UMGS1805_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_900555265.1_UMGS1805_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300170_tooth_RA.megahit.bin.155	{'K01834', 'K01689', 'K00873'}	M00002
R0170300170_tooth_RA.megahit.bin.155	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300334_saliva_RA.megahit.bin.69	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300334_saliva_RA.megahit.bin.69	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018187-45_RA_dental.metaspades.bin.28	{'K01834', 'K01689', 'K00873'}	M00002
SZAXPI018187-45_RA_dental.metaspades.bin.28	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300060_tooth_RA.megahit.bin.92	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300060_tooth_RA.megahit.bin.92	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016699935.1_ASM1669993v1_genomic	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016699935.1_ASM1669993v1_genomic	{'K01897'}	M00086
GCA_016699935.1_ASM1669993v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016699935.1_ASM1669993v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187591_A_saliva.metaspades.bin.33	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187591_A_saliva.metaspades.bin.33	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300213_tooth_RA.megahit.bin.4	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300213_tooth_RA.megahit.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300302_tooth_RAH.megahit.bin.56	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427195.1_ASM2742719v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427195.1_ASM2742719v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

R0170300266_tooth_RAH.megahit.bin.30	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002344715.1_ASM234471v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002344715.1_ASM234471v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_002344715.1_ASM234471v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187899_A_saliva.metaspades.bin.64	{'K01689', 'K00927', 'K01803', 'K00873'}	M00002
RSZYD18187899_A_saliva.metaspades.bin.64	{'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
GCA_947066265.1_ERR899284_bin.41_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947066265.1_ERR899284_bin.41_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_002350545.1_ASM235054v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002350545.1_ASM235054v1_genomic	{'K01897'}	M00086
R0170300115_tooth_RA.megahit.bin.16	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300115_tooth_RA.megahit.bin.16	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300160_tooth_RA.megahit.bin.83	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000214_saliva.spades.bin.5	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000214_saliva.spades.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078620_A_saliva.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078620_A_saliva.metaspades.bin.29	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300296_tooth_RAH.megahit.bin.125	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300296_tooth_RAH.megahit.bin.125	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017510665.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017510665.1	{'K01897'}	M00086
GCA_017510665.1	{'K00625', 'K00925'}	M00579
R0170300067_tooth_RA.megahit.bin.54	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
R0170300067_tooth_RA.megahit.bin.54	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078241_A_saliva.metaspades.bin.8	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078241_A_saliva.metaspades.bin.8	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187301_A_saliva.metaspades.bin.29	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187301_A_saliva.metaspades.bin.29	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018302-84_RA_dental.metaspades.bin.17	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018302-84_RA_dental.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187034_A_saliva.metaspades.bin.52	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187034_A_saliva.metaspades.bin.52	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300110_tooth_RA.megahit.bin.53	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
R0170300265_tooth_RAH.megahit.bin.69	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300265_tooth_RAH.megahit.bin.69	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18098804_A_saliva.metaspades.bin.34	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098804_A_saliva.metaspades.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300114_tooth_RA.megahit.bin.70	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300114_tooth_RA.megahit.bin.70	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002326-41_RAH_dental.metaspades.bin.24	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002326-41_RAH_dental.metaspades.bin.24	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_015257555.2_ASM1525755v2_genomic	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_015257555.2_ASM1525755v2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016176605.1_ASM1617660v1_genomic	{'K15634', 'K00927', 'K01803', 'K00134'}	M00002
GCA_016176605.1_ASM1617660v1_genomic	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113', 'K02114'}	M00157
R0170300254_tooth_RAH.megahit.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027356525.1_ASM2735652v1_genomic	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027356525.1_ASM2735652v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_027356525.1_ASM2735652v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
YS000608_saliva.spades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000608_saliva.spades.bin.2	{'K02108', 'K02109', 'K02110', 'K02113'}	M00157
R0170300250_tooth_RAH.megahit.bin.53	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300250_tooth_RAH.megahit.bin.53	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017433855.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017433855.1	{'K01897'}	M00086
GCA_017433855.1	{'K00625', 'K00925'}	M00579
GCA_007131065.1_ASM713106v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_007131065.1_ASM713106v1_genomic	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
RSZAXPI002322-34_RAH_dental.metaspades.bin.14	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002322-34_RAH_dental.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300296_tooth_RAH.megahit.bin.95	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022828295.1_ASM2282829v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022828295.1_ASM2282829v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905371785.1_SRR9217391-mag-bin.4_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905371785.1_SRR9217391-mag-bin.4_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947364965.1_SRR16350202_bin.8_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088989_A_saliva.metaspades.bin.19	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088989_A_saliva.metaspades.bin.19	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_022828365.1_ASM2282836v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022828365.1_ASM2282836v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002322785.1_ASM232278v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002322785.1_ASM232278v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300100_tooth_RA.megahit.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300232_tooth_RA.megahit.bin.71	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_007135955.1_ASM713595v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_007135955.1_ASM713595v1_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02113', 'K02114'}	M00157
R0170300211_tooth_RA.megahit.bin.23	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300211_tooth_RA.megahit.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000027_saliva.spades.bin.12	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134'}	M00002
YS000027_saliva.spades.bin.12	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
R0170300288_tooth_RAH.megahit.bin.34	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300288_tooth_RAH.megahit.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300219_tooth_RA.megahit.bin.79	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300219_tooth_RA.megahit.bin.79	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946404545.1_SRR12081298_bin.7_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946404545.1_SRR12081298_bin.7_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
SRR8114096.metaspades.bin.1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114096.metaspades.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027340655.1_ASM2734065v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027340655.1_ASM2734065v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027340655.1_ASM2734065v1_genomic	{'K02298', 'K02300', 'K02299'}	M00417
RDPYD18300300_A_saliva.metaspades.bin.61	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18300300_A_saliva.metaspades.bin.61	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002325-39_RAH_dental.metaspades.bin.45	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002325-39_RAH_dental.metaspades.bin.45	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002330-47_RAH_dental.metaspades.bin.66	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02113'}	M00157
GCA_947648615.1_SRR15633991_bin.36_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947648615.1_SRR15633991_bin.36_metawrap_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
RSZYD18078398_A_saliva.metaspades.bin.15	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187492_A_saliva.metaspades.bin.15	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187492_A_saliva.metaspades.bin.15	{'K00625', 'K00925'}	M00579
RSZYD18078542_A_saliva.metaspades.bin.5	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078542_A_saliva.metaspades.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018173-27_RA_dental.metaspades.bin.20	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018173-27_RA_dental.metaspades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157

R0170300390_saliva_RAH.megahit.bin.85	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300390_saliva_RAH.megahit.bin.85	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300137_tooth_RA.megahit.bin.43	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017403895.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017403895.1	{'K01897'}	M00086
SZAXPI018286-123_RA_dental.metaspades.bin.12	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018286-123_RA_dental.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300185_tooth_RA.megahit.bin.44	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947368805.1_SRR15431190_bin.13_metawrap_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027492975.1_ASM2749297v1_genomic	{'K01834', 'K00927', 'K15634', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027492975.1_ASM2749297v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300239_tooth_RAH.megahit.bin.64	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300239_tooth_RAH.megahit.bin.64	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003979185.1_ASM397918v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300187_tooth_RA.megahit.bin.41	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002311-20_RAH_dental.metaspades.bin.69	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002311-20_RAH_dental.metaspades.bin.69	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003231925.1_ASM323192v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003231925.1_ASM323192v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300100_tooth_RA.megahit.bin.14	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300100_tooth_RA.megahit.bin.14	{'K00625', 'K00925'}	M00579
GCA_015257795.3_ASM1525779v3_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300251_tooth_RAH.megahit.bin.7	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300251_tooth_RAH.megahit.bin.7	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018282-108_RA_dental.metaspades.bin.70	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017432705.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017432705.1	{'K00625', 'K00925'}	M00579
SZAXPI018180-36_RA_dental.metaspades.bin.18	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018180-36_RA_dental.metaspades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002620-35_RA_dental.metaspades.bin.1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002620-35_RA_dental.metaspades.bin.1	{'K02108', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
RSZAXPI002311-20_RAH_dental.metaspades.bin.31	{'K01834', 'K01689', 'K00873'}	M00002
GCA_016280905.1_ASM1628090v1_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_016280905.1_ASM1628090v1_genomic	{'K01897'}	M00086
GCA_016280905.1_ASM1628090v1_genomic	{'K00625', 'K00925'}	M00579
GCA_017407085.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017407085.1	{'K01897'}	M00086
GCA_017407085.1	{'K00625', 'K00925'}	M00579
RSZYD18078245_A_saliva.metaspades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078245_A_saliva.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300150_tooth_RA.megahit.bin.56	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300150_tooth_RA.megahit.bin.56	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_946406645.1_SRR12081302_bin.54_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
SZAXPI018096-17_RA_dental.metaspades.bin.34	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018096-17_RA_dental.metaspades.bin.34	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300092_tooth_RA.megahit.bin.51	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300092_tooth_RA.megahit.bin.51	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002637-96_RA_dental.metaspades.bin.5	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002637-96_RA_dental.metaspades.bin.5	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300218_tooth_RA.megahit.bin.65	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300218_tooth_RA.megahit.bin.65	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR8114048.metaspades.bin.17	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114048.metaspades.bin.17	{'K00625', 'K00925'}	M00579
GCA_026395405.1_ASM2639540v1_genomic	{'K02112', 'K02111', 'K02115', 'K02114'}	M00157
RSZYD18187261_A_saliva.metaspades.bin.68	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300269_tooth_RAH.megahit.bin.127	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300269_tooth_RAH.megahit.bin.127	{'K00625', 'K00925'}	M00579
RSZYD18187349_A_saliva.metaspades.bin.40	{'K01834', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002326-41_RAH_dental.metaspades.bin.6	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002326-41_RAH_dental.metaspades.bin.6	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002633-90_RA_dental.metaspades.bin.24	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002674-21_RA_dental.metaspades.bin.42	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002674-21_RA_dental.metaspades.bin.42	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300265_tooth_RAH.megahit.bin.100	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300265_tooth_RAH.megahit.bin.100	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018282-108_RA_dental.metaspades.bin.67	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018282-108_RA_dental.metaspades.bin.67	{'K00625', 'K00925'}	M00579
R0170300309_tooth_RAH.megahit.bin.66	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300309_tooth_RAH.megahit.bin.66	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016196195.1_ASM1619619v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_016196195.1_ASM1619619v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300162_tooth_RA.megahit.bin.20	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300162_tooth_RA.megahit.bin.20	{'K02108', 'K02109', 'K02112', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
R0170300176_tooth_RA.megahit.bin.83	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189966_A_saliva.metaspades.bin.40	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189966_A_saliva.metaspades.bin.40	{'K00625', 'K00925'}	M00579
RDPYD18098882_A_saliva.metaspades.bin.1	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098882_A_saliva.metaspades.bin.1	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300136_tooth_RA.megahit.bin.7	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300136_tooth_RA.megahit.bin.7	{'K02108', 'K02109', 'K02112', 'K02111', 'K02110', 'K02113', 'K02114'}	M00157
SZAXPI018275-88_RA_dental.metaspades.bin.49	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018275-88_RA_dental.metaspades.bin.49	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300066_tooth_RA.megahit.bin.70	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300066_tooth_RA.megahit.bin.70	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027351585.1_ASM2735158v1_genomic	{'K00927', 'K15634', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027351585.1_ASM2735158v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027351585.1_ASM2735158v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
GCA_001897305.1_ASM189730v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001897305.1_ASM189730v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001897305.1_ASM189730v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
SRR6748158.metaspades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748158.metaspades.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300111_tooth_RA.megahit.bin.62	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300111_tooth_RA.megahit.bin.62	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018171-25_1_RA_dental.metaspades.bin.83	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_943354725.1_RH-27jun17-331_genomic	{'K02108', 'K02110'}	M00157
YS000535_saliva.spades.bin.35	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
YS000535_saliva.spades.bin.35	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187554_A_saliva.metaspades.bin.21	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187554_A_saliva.metaspades.bin.21	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000254_saliva.spades.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002336935.1_ASM233693v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_002336935.1_ASM233693v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG_genomic	{'K15633', 'K01689', 'K01803', 'K00134'}	M00002
R0170300114_tooth_RA.megahit.bin.10	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

R0170300114_tooth_RA.megahit.bin.10	{'K00625', 'K00925'}	M00579
R0170300291_tooth_RAH.megahit.bin.82	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300291_tooth_RAH.megahit.bin.82	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000227_saliva.spades.bin.28	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000227_saliva.spades.bin.28	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
YS000373_saliva.spades.bin.23	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
YS000373_saliva.spades.bin.23	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18201832_A_saliva.metaspades.bin.52	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18201832_A_saliva.metaspades.bin.52	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903837875.1_freshwater_MAG_---_Umea_bin-00478_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_903837875.1_freshwater_MAG_---_Umea_bin-00478_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_004138455.1_ASM413845v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018490-22_RA_saliva.metaspades.bin.30	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18098794_A_saliva.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001003725.1_ASM100372v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_001003725.1_ASM100372v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_001003725.1_ASM100372v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
R0170300290_tooth_RAH.megahit.bin.12	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_946624835.1_SRR873600_bin.13_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K01689', 'K01803', 'K00134'}	M00002
GCA_946624835.1_SRR873600_bin.13_metaWRAP_v1.3_MAG_genomic	{'K00625', 'K00925'}	M00579
GCA_027427035.1_ASM2742703v1_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_027427035.1_ASM2742703v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_027427035.1_ASM2742703v1_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZAXPI002603-21_RA_dental.metaspades.bin.27	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002603-21_RA_dental.metaspades.bin.27	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR6748116.metaspades.bin.2	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR6748116.metaspades.bin.2	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_905372095.1_SRR9217394-mag-bin.2_genomic	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_905372095.1_SRR9217394-mag-bin.2_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SZAXPI018093-14_RA_dental.metaspades.bin.39	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018093-14_RA_dental.metaspades.bin.39	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189848_A_saliva.metaspades.bin.20	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189848_A_saliva.metaspades.bin.20	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300257_tooth_RAH.megahit.bin.13	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300257_tooth_RAH.megahit.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300259_tooth_RAH.megahit.bin.10	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300259_tooth_RAH.megahit.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_003153395.1_20120700_P3D_genomic	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_003153395.1_20120700_P3D_genomic	{'K02108', 'K02109', 'K02112', 'K02111', 'K02115', 'K02110', 'K02114'}	M00157
GCA_003153395.1_20120700_P3D_genomic	{'K02298', 'K02300', 'K02297', 'K02299'}	M00417
RSZYD18187707_A_saliva.metaspades.bin.26	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187707_A_saliva.metaspades.bin.26	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187758_A_saliva.metaspades.bin.70	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300235_tooth_RAH.megahit.bin.85	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300235_tooth_RAH.megahit.bin.85	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
SRR6748223.metaspades.bin.6	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114063.metaspades.bin.48	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SRR8114063.metaspades.bin.48	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300293_tooth_RAH.megahit.bin.118	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300293_tooth_RAH.megahit.bin.118	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189852_A_saliva.metaspades.bin.58	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002331-56_RAH_dental.metaspades.bin.3	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002331-56_RAH_dental.metaspades.bin.3	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187586_A_saliva.metaspades.bin.38	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187586_A_saliva.metaspades.bin.38	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300150_tooth_RA.megahit.bin.66	{'K00927', 'K01803', 'K00134', 'K00873'}	M00002
R0170300150_tooth_RA.megahit.bin.66	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300241_tooth_RAH.megahit.bin.63	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300241_tooth_RAH.megahit.bin.63	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078691_A_saliva.metaspades.bin.32	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078691_A_saliva.metaspades.bin.32	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002324-37_RAH_dental.metaspades.bin.18	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002324-37_RAH_dental.metaspades.bin.18	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZAXPI002620-35_RA_dental.metaspades.bin.12	{'K01834', 'K01689', 'K01803', 'K00873'}	M00002
RSZAXPI002620-35_RA_dental.metaspades.bin.12	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078695_A_saliva.metaspades.bin.45	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078695_A_saliva.metaspades.bin.45	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18189932_A_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189932_A_saliva.metaspades.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078359_A_saliva.metaspades.bin.14	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078359_A_saliva.metaspades.bin.14	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_022819365.1_ASM2281936v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_022819365.1_ASM2281936v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078181_A_saliva.metaspades.bin.10	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078181_A_saliva.metaspades.bin.10	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_947306835.1_SRR10912542_bin.23_metaWRAP_v1.3_MAG_genomic	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_947306835.1_SRR10912542_bin.23_metaWRAP_v1.3_MAG_genomic	{'K01897'}	M00086
RSZYD18078343_A_saliva.metaspades.bin.34	{'K15633', 'K00927', 'K01689', 'K00134', 'K00873'}	M00002
RSZYD18078343_A_saliva.metaspades.bin.34	{'K00625', 'K00925'}	M00579
R0170300110_tooth_RA.megahit.bin.49	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300139_tooth_RA.megahit.bin.20	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300139_tooth_RA.megahit.bin.20	{'K00625', 'K00925'}	M00579
RSZYD18078796_A_saliva.metaspades.bin.47	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078796_A_saliva.metaspades.bin.47	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18078102_A_saliva.metaspades.bin.17	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18078102_A_saliva.metaspades.bin.17	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_017561575.1_ASM1756157v1_genomic	{'K15633', 'K00927', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017561575.1_ASM1756157v1_genomic	{'K01897'}	M00086
GCA_017561575.1_ASM1756157v1_genomic	{'K00625', 'K00925'}	M00579
R0170300135_tooth_RA.megahit.bin.70	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300135_tooth_RA.megahit.bin.70	{'K00625', 'K00925'}	M00579
RSZAXPI002626-66_RA_dental.metaspades.bin.71	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZAXPI002626-66_RA_dental.metaspades.bin.71	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300136_tooth_RA.megahit.bin.13	{'K01834', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300136_tooth_RA.megahit.bin.13	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187823_A_saliva.metaspades.bin.19	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187823_A_saliva.metaspades.bin.19	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300222_tooth_RA.megahit.bin.139	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300222_tooth_RA.megahit.bin.139	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_903937695.1_freshwater_MAG_---_Loc090907-1m_bin-354_genomic	{'K02108', 'K02110', 'K02114'}	M00157
SZAXPI018191-57_RA_dental.metaspades.bin.32	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
SZAXPI018191-57_RA_dental.metaspades.bin.32	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RDPYD18088953_A_saliva.metaspades.bin.4	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18088953_A_saliva.metaspades.bin.4	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
R0170300313_tooth_RAH.megahit.bin.102	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002

R0170300313_tooth_RAH.megahit.bin.102	{'K00625', 'K00925'}	M00579
R0170300273_tooth_RAH.megahit.bin.122	{'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
R0170300273_tooth_RAH.megahit.bin.122	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
GCA_002323055.1_ASM232305v1_genomic	{'K02108', 'K02115', 'K02110', 'K02113', 'K02109', 'K02112', 'K02111', 'K02114'}	M00157
RSZYD18187756_A_saliva.metaspades.bin.35	{'K01834', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017432305.1	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
GCA_017432305.1	{'K00625', 'K00925'}	M00579
GCA_009778675.1_ASM977867v1_genomic	{'K01834', 'K00927', 'K01689', 'K01803', 'K00873'}	M00002
RSZYD18187115_A_saliva.metaspades.bin.47	{'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RSZYD18187115_A_saliva.metaspades.bin.47	{'K00625', 'K00925'}	M00579
RDPYD18189960_A_saliva.metaspades.bin.21	{'K01834', 'K15633', 'K00927', 'K01689', 'K01803', 'K00134', 'K00873'}	M00002
RDPYD18189960_A_saliva.metaspades.bin.21	{'K00625', 'K00925'}	M00579

Supplementary Table 4a. The most prevalent protein clusters unique to Saccharibacteria from five different environments.

Protein cluster	Isolation source	Prevalence	eggNOG annotation			
			COG_category	Preferred_name	KEGG_ko	PFAMs
GCA_904425485.1_PRJEB35131-2_00067	human body	1,135	ET	-	ko:K02029,ko:K02030	SBP_bac_3
RDPYD18098770_A_saliva.metaspades.bin.53_00293	human body	794	F	nudI	ko:K03574,ko:K12944	NUDIX
R0170300213_tooth_RA.megahit.bin.30_00506	human body	766	S	-	-	NT5C
RSZAXPI002604-26_RA_dental.metaspades.bin.36_00026	human body	653	S	-	-	DUF488
R0170300213_tooth_RA.megahit.bin.30_00364	human body	648	E	-	ko:K01437	AstE_AspA
R0170300196_tooth_RA.megahit.bin.46_00028	human body	638	O	-	-	DUF2268
SZAXPI018279-94_RA_dental.metaspades.bin.16_00131	human body	627	K	vncR	-	Response_reg,Trans_reg_C
SZAXPI018171-25_1_RA_dental.metaspades.bin.52_00603	human body	624	F	-	ko:K05873	CYTH
RSZAXPI002304-13_RAH_dental.metaspades.bin.45_00844	human body	623	E	hutG	ko:K01479	FGase
SZAXPI018292-158_RA_dental.metaspades.bin.12_00103	human body	609	S	yagB	ko:K06950	HD
R0170300055_tooth_RA.megahit.bin.5_00442	human body	583	F	hpt	ko:K00760,ko:K15780	Pribosyltran
RSZYD18187612_A_saliva.metaspades.bin.12_00012	human body	559	S	-	-	DUF4918
RSZAXPI002604-26_RA_dental.metaspades.bin.30_00309	human body	554	S	-	-	APH
R0170300106_tooth_RA.megahit.bin.44_00558	human body	551	M	-	-	DUF3152
RDPYD18189959_A_saliva.metaspades.bin.31_00033	human body	542	S	-	-	MtN3_slv
SZAXPI011699-166_RA_dental.metaspades.bin.36_00100	human body	541	KT	-	ko:K03973	DUF2807,PspC
RSZYD18078217_A_saliva.metaspades.bin.41_00313	human body	537	S	speE	ko:K00797	Spermine_synth
R0170300156_tooth_RA.megahit.bin.76_00550	human body	523	S	yagB	ko:K06950	HD
GCA_022819385.1_ASM2281938v1_00372	human body	517	T	-	-	CHASE3,GAF_2,HAMP,HATPase_c,HisKA,NIT,Response_reg
R0170300260_tooth_RAH.megahit.bin.16_00185	human body	516	M	-	-	Beta_helix,CUB,Calx-beta,DUF11,PA14,SdrD_B,VWA_2
GCA_946893605.1_PRJEB56001_00510	human body	513	G	-	ko:K00615	Transket_pyr,Transketolase_C
RSZYD18187735_A_saliva.metaspades.bin.54_00214	human body	511	S	-	-	-
GCA_010202845.1_ASM1020284v1_00206	human body	510	H	idsA	ko:K02523,ko:K13787	polyprenyl_synt
GCA_010202465.1_ASM1020246v1_00375	human body	509	C	atpF	ko:K02109	ATP-synt_B
RSZAXPI002636-95_RA_dental.metaspades.bin.22_00368	human body	508	H	dnaX	ko:K02343	DNA_pol3_delta2,DNA_pol3_gamma3
SZAXPI018309-166_RA_dental.metaspades.bin.21_00261	human body	507	T	torS	-	CHASE3,HATPase_c,HisKA,Response_reg
SZAXPI018280-95_RA_dental.metaspades.bin.36_00756	human body	506	F	ntpA	ko:K02428	Ham1p_like
YS000066_saliva.spades.bin.24_00054	human body	503	D	-	-	-
GCA_905372305.1_SRR9217408-mag-bin.12_00531	human body	502	S	-	-	Abhydrolase_6
RSZYD18187244_A_saliva.metaspades.bin.38_00616	human body	495	S	yabE	-	3D,DUF348,G5
RSZYD18187203_A_saliva.metaspades.bin.7_00476	human body	491	G	MA20_23410	ko:K01187	Alpha-amylase,DUF3459
RSZYD18187306_A_saliva.metaspades.bin.13_00359	human body	487	F	rph	ko:K00989,ko:K02428	Ham1p_like,RNase_PH,RNase_PH_C
RSZYD18187848_A_saliva.metaspades.bin.3_00109	human body	487	O	-	-	Thioredoxin_4
R0170300236_tooth_RAH.megahit.bin.77_00517	human body	485	M	-	-	Glyco_transf_4,Glycos_transf_1
RSZYD18187123_A_saliva.metaspades.bin.13_00263	human body	485	S	-	-	DUF4384,PEGA
SZAXPI011699-166_RA_dental.metaspades.bin.36_00775	human body	484	J	ywlC	ko:K07566	Sua5_yciO_yrdC
R0170300157_tooth_RA.megahit.bin.55_00145	human body	480	U	secE	ko:K03073	SecE
RSZAXPI002637-96_RA_dental.metaspades.bin.23_00650	human body	479	V	-	ko:K02004	FtsX,MacB_PCD
RSZAXPI002620-35_RA_dental.metaspades.bin.1_00362	human body	477	S	-	-	AAA_33
RSZYD18078571_A_saliva.metaspades.bin.52_00009	human body	477	U	lepB	ko:K03100	Peptidase_S24
GCA_905372305.1_SRR9217408-mag-bin.12_00563	human body	473	T	vicK	ko:K07652	HAMP,HATPase_c,HisKA,PAS,PAS_9
RSZAXPI002620-35_RA_dental.metaspades.bin.1_00365	human body	473	L	holB	ko:K02341	DNA_pol3_delta2,DNApol3-delta_C
GCA_946893605.1_PRJEB56001_00237	human body	470	S	-	-	DUF1980
RSZYD18078781_A_saliva.metaspades.bin.11_00563	human body	459	M	-	ko:K07284	Sortase
SZAXPI011699-166_RA_dental.metaspades.bin.36_00264	human body	457	S	mltG	ko:K07082	YceG
RDPYD18189889_A_saliva.metaspades.bin.54_00552	human body	453	F	purC	ko:K01923	SAICAR_synt
RDPYD18098882_A_saliva.metaspades.bin.1_00377	human body	451	N	nucH	ko:K07004	Collagen,Exo_endo_phos,LTD,Rib
RSZYD18078245_A_saliva.metaspades.bin.14_00292	human body	451	S	dhh	ko:K06881	DHH,DHHA1
YS000142_saliva.spades.bin.13_00572	human body	449	-	-	-	-
RSZYD18187540_A_saliva.metaspades.bin.35_00440	human body	442	E	-	-	AdoMet_dc
RSZYD18187676_A_saliva.metaspades.bin.32_00409	human body	441	S	-	-	PMT_2
SZAXPI018278-93_RA_dental.metaspades.bin.41_00623	human body	441	O	-	-	Trypsin_2
RSZYD18187169_A_saliva.metaspades.bin.33_00029	human body	438	K	-	ko:K09825	FUR
RDPYD18300081_A_saliva.metaspades.bin.39_00227	human body	434	T	-	-	HAMP,HATPase_c,HisKA
GCA_947098845.1_SRR8786267_bin.6_metaWRAP_v1.3_MAG_00053	human body	431	T	-	-	HATPase_c,HisKA
YS000373_saliva.spades.bin.23_00532	human body	431	NU	-	-	N_methyl
GCA_007845355.1_ASM784535v1_00397	human body	430	J	fmt	ko:K00604	Formyl_trans_C,Formyl_trans_N
GCA_905370345.1_DRR046104-mag-bin.8_00418	human body	429	NU	pilE	ko:K02655	ComP_DUS,N_methyl
SZAXPI018174-30_RA_dental.metaspades.bin.36_00804	human body	426	K	-	-	LytR_cpsA_psr
RSZYD18187762_A_saliva.metaspades.bin.45_00785	human body	419	M	-	ko:K22409	CHAP,LysM
YS000025_saliva.spades.bin.20_00630	human body	419	O	-	-	Radical_SAM
YS000546_saliva.spades.bin.3_00620	human body	419	S	-	-	CARDB,CBM_6,NosD,PKD,PQQ_3
RSZAXPI002326-41_RAH_dental.metaspades.bin.24_00048	human body	418	-	-	-	-
GCA_017437945.1_00778	other mammals	95	C	-	ko:K07138	DUF362
GCA_017432225.1_00074	other mammals	83	E	aguD	ko:K20265	AA_permease_2
GCA_947362105.1_SRR15194760_bin.16_metawrap_v1.3_MAG_00193	other mammals	83	K	-	-	HTH_3,Zn_ribbon_2
GCA_017506895.1_00192	other mammals	80	O	-	-	Thioredoxin_4
GCA_017515265.1_ASM1751526v1_00173	other mammals	78	P	corC	ko:K06189	CBS,CorC_HlyC
GCA_017460165.1_00101	other mammals	76	E	-	ko:K02035	SBP_bac_5
GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG_00362	other mammals	74	L	-	-	RVT_1
GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG_00377	other mammals	72	S	-	-	ABC_tran,ABC_tran_Xtn
GCA_017515265.1_ASM1751526v1_00449	other mammals	71	M	-	-	Sortase
GCA_017515265.1_ASM1751526v1_00343	other mammals	70	U	glpF	ko:K02440,ko:K06188	MIP
GCA_946626365.1_SRR873609_bin.132_metaWRAP_v1.3_MAG_00268	other mammals	70	FJ	-	-	DUF1653
GCA_946626365.1_SRR873609_bin.132_metaWRAP_v1.3_MAG_00402	other mammals	70	S	-	ko:K01183	CHU_C,Calx-beta,DUF5011,Glyco_hydro_18,LRR_5,PKD,TSP_3
GCA_946618085.1_SRR873610_bin.1_metaWRAP_v1.3_MAG_00370	other mammals	69	H	folA	ko:K00287	DHFR_1
GCA_017431085.1_00117	other mammals	68	S	p40	ko:K21471	CHAP
GCA_017510425.1_00221	other mammals	68	G	alf1	ko:K01623	Glycolytic
GCA_017651125.1_ASM1765112v1_00497	other mammals	65	P	-	ko:K21993	Form_Nir_trans
GCA_946409605.1_SRR12081300_bin.39_metaWRAP_v1.3_MAG_00741	other mammals	64	GK	-	ko:K00845	ROK
GCA_947388865.1_SRR15214599_bin.4_metawrap_v1.3_MAG_00655	other mammals	62	V	safA	-	CAP,LysM
GCA_017432365.1_00672	other mammals	60	M	-	-	RmlD_sub_bind
GCA_947302355.1_SRR10912539_bin.48_metaWRAP_v1.3_MAG_00046	other mammals	60	O	-	ko:K07033	UPF0051
GCA_017510075.1_00449	other mammals	59	V	-	ko:K06147,ko:K12531	ABC_membrane,ABC_tran
GCA_947429355.1_SRR19981115_bin.23_metawrap_v1.3_MAG_00367	other mammals	59	V	skfE	ko:K01990	ABC_tran
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_00924	other mammals	58	S	recX	ko:K03565	RecX
GCA_017510075.1_00430	other mammals	57	U	secE	ko:K03073	SecE
GCA_017651125.1_ASM1765112v1_00490	other mammals	54	S	-	-	DUF308
GCA_017515785.1_ASM1751578v1_00364	other mammals	53	P	-	-	VTC
GCA_017432225.1_00133	other mammals	52	S	-	-	Cthe_2159
GCA_947364965.1_SRR16350202_bin.8_metawrap_v1.3_MAG_00450	other mammals	52	P	-	ko:K01537	Cation_ATPase_C,Cation_ATPase_N,E1-E2_ATPase,Hydrolase
GCA_947068245.1_SRR12358625_bin.21_metawrap_v1.3_MAG_00001	other mammals	50	O	-	-	Zn_protease
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_00638	other mammals	50	S	-	-	SNARE_assoc
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_00978	other mammals	49	L	pcrA	ko:K03657	UvrD-helicase,UvrD_C
GCA_947087275.1_SRR14038240_bin.4_metawrap_v1.3_MAG_00590	other mammals	48	T	-	-	EAL,GGDEF,Response_reg
GCA_947426085.1_SRR18439536_bin.4_metawrap_v1.3_MAG_00172	other mammals	48	S	-	-	Putative_PNPOx
GCA_017511965.1_00274	other mammals	47	F	ackA	ko:K00925	Acetate_kinase
GCA_017515265.1_ASM1751526v1_00507	other mammals	47	T	phoR	ko:K07636	HAMP,HATPase_c,HisKA,PAS,PAS_4,PAS_8,sCache_like
GCA_017510925.1_00618	other mammals	45	S	yabE	-	3D,DUF348,G5
GCA_017431745.1_00100	other mammals	44	-	-	-	zinc_ribbon_2
GCA_017460225.1_00520	other mammals	44	C	-	-	Pyr_redox_2,Pyr_redox_dim
GCA_947165975.1_SRR8387714_bin.97_metaWRAP_v1.3_MAG_00006	other mammals	44	S	mltG	ko:K07082	YceG
GCA_947368805.1_SRR15431190_bin.13_metawrap_v1.3_MAG_00389	other mammals	44	P	czcD	ko:K16264	Cation_efflux,ZT_dimer
GCA_017513905.1_00236	other mammals	43	O	-	ko:K03805,ko:K03981	DSBA
GCA_947569885.1_SRR15604579_bin.36_metawrap_v1.3_MAG_00489	other mammals	43	S	-	-	TRAM
GCA_002371895.1_ASM237189v1_00610	other mammals	42	V	-	ko:K02003	ABC_tran
GCA_017460225.1_00539	other mammals	42	O	-	ko:K03805,ko:K03981	DSBA
GCA_017510425.1_00479	other mammals	42	V	-	ko:K02003,ko:K02004	ABC_tran,FtsX
GCA_017404515.1_00131	other mammals	41	J	ksgA	ko:K02528	RrnaAD
GCA_017430785.1_00375	other mammals	41	F	-	-	NUDIX
GCA_017480095.1_00223	other mammals	41	M	-	ko:K07258	Peptidase_S11
GCA_947385605.1_ERR6760111_bin.57_metawrap_v1.3_MAG_00301	other mammals	41	S	-	-	Abhydrolase_6
GCA_017421325.1_00754	other mammals	40	M	murI	ko:K01776	Asp_Glu_race
GCA_017480095.1_00533	other mammals	40	M	-	-	Glyco_trans_1_4,Glyco_transf_4,Glycos_transf_1
GCA_947059195.1_ERR9465699_bin.49_metawrap_v1.3_MAG_00381	other mammals	40	G	-	ko:K01623	Glycolytic
GCA_947364965.1_SRR16350202_bin.8_metawrap_v1.3_MAG_00108	other mammals	40	E	pepN	ko:K01256	ERAP1_C,Peptidase_M1
GCA_947388495.1_SRR15214593_bin.20_metawrap_v1.3_MAG_00309	other mammals	40	C	glcD	ko:K00104	CCG,FAD-oxidase_C,FAD_binding_4,Fer4_17,Fer4_8
GCA_947425245.1_SRR19981124_bin.25_metawrap_v1.3_MAG_00589	other mammals	40	S	-	-	DUF308
GCA_947569885.1_SRR15604579_bin.36_metawrap_v1.3_MAG_00488	other mammals	40	L	-	ko:K03502	IMS,IMS_C,IMS_HHH
GCA_017404845.1_00097	other mammals	39	M	spoVD	ko:K03587,ko:K08384	PASTA,PBP_dimer,Transpeptidase
GCA_017515285.1_ASM1751528v1_00728	other mammals	39	I	-	-	DUF2974,LTD,Lipase_3
GCA_017619315.1_ASM1761931v1_00749	other mammals	39	V	-	ko:K01990	ABC_tran
GCA_016286785.1_ASM1628678v1_00016	other mammals	38	M	-	-	-
GCA_017404725.1_00239	other mammals	38	J	rplW	ko:K02892	Ribosomal_L23
GCA_017511845.1_00017	other mammals	38	G	xynD	ko:K22278	Polysacc_deac_1
GCA_017511925.1_00198	other mammals	38	FJ	-	ko:K01487	dCMP_cyt_deam_1
GCA_945872155.1_SRR15732359_bin.8_metaWRAP_v1.3_MAG_00313	other mammals	38	L	rnhB	ko:K03470	RNase_HII
GCA_947425995.1_SRR19981123_bin.1_metawrap_v1.3_MAG_00676	other mammals	38	IQ	baiA	ko:K00059,ko:K00076	adh_short,adh_short_C2
GCA_017406905.1_00512	other mammals	37	L	recO	ko:K03584	RecO_C,RecO_N
GCA_017512085.1_00411	other mammals	37	S	-	-	TylF
GCA_947296925.1_SRR19390379_bin.6_metawrap_v1.3_MAG_00849	other mammals	37	G	-	-	PfkB
GCA_947384105.1_ERR6760075_bin.53_metawrap_v1.3_MAG_00338	other mammals	37	N	-	-	Fib_succ_major
GCA_947385605.1_ERR6760111_bin.57_metawrap_v1.3_MAG_00078	other mammals	37	S	-	-	CHAP
GCA_947388865.1_SRR15214599_bin.4_metawrap_v1.3_MAG_00970	other mammals	37	F	adk	ko:K00939	ADK
GCA_947565505.1_SRR19759417_bin.86_metawrap_v1.3_MAG_00193	other mammals	37	NOU	-	ko:K02654	DiS_P_DiS,Peptidase_A24
GCA_017403895.1_00410	other mammals	36	M	-	-	Sortase
GCA_017431945.1_00005	other mammals	36	L	tatD	ko:K03424	TatD_DNase
GCA_017516075.1_ASM1751607v1_00867	other mammals	36	O	grpE	ko:K03687	GrpE
GCA_947089645.1_SRR14038237_bin.40_metawrap_v1.3_MAG_00336	other mammals	36	D	ftsZ	ko:K03531	FtsZ_C,Tubulin
GCA_016286785.1_ASM1628678v1_00403	other mammals	35	L	rsmD	ko:K08316	Cons_hypoth95
GCA_017447485.1_00214	other mammals	35	M	murD	ko:K01925	Mur_ligase_C,Mur_ligase_M
GCA_017556795.1_ASM1755679v1_00198	other mammals	35	S	-	-	ABC_trans_CmpB,DUF975
GCA_947346675.1_SRR14629574_bin.28_metawrap_v1.3_MAG_00652	other mammals	35	S	XK27_05505	-	DUF4956
GCA_947388495.1_SRR15214593_bin.20_metawrap_v1.3_MAG_00187	other mammals	35	S	-	-	AAT
GCA_017421685.1_00060	other mammals	34	J	ksgA	ko:K02528	RrnaAD
GCA_017421685.1_00236	other mammals	34	S	yerB	-	DUF3048,DUF3048_C
GCA_017460065.1_00002	other mammals	34	O	gpo	ko:K00432	GSHPx
GCA_017515285.1_ASM1751528v1_00462	other mammals	34	L	-	ko:K03657	PDDEXK_1,UvrD-helicase,UvrD_C
GCA_947166125.1_SRR8387714_bin.9_metaWRAP_v1.3_MAG_00445	other mammals	34	M	-	-	Sortase

GCA_009777315.1_ASM977731v1_00448	insects	7	P	mgtA	ko:K01531	Cation_ATPase,Cation_ATPase_C,Cation_ATPase_N,E1-E2_ATPase,Hydrolase
GCA_009785095.1_ASM978509v1_00217	insects	5	S	-	-	-
GCA_009776375.1_ASM977637v1_00135	insects	4	J	trmB	ko:K03439	Methyltransf_4
GCA_009776375.1_ASM977637v1_00722	insects	4	T	-	-	CHASE,HAMP,HATPase_c,HisKA,Hpt,PAS,PAS_3,PAS_9,Peripla_BP_6,Response_reg
GCA_009778675.1_ASM977867v1_00025	insects	4	S	-	-	DUF2154
GCA_009781895.1_ASM978189v1_00590	insects	4	F	pyrH	ko:K09903	AA_kinase
GCA_009783235.1_ASM978323v1_00508	insects	4	M	-	-	Glycos_transf_2
GCA_009783305.1_ASM978330v1_00104	insects	4	U	-	ko:K09125	Vut_1
GCA_009785095.1_ASM978509v1_00106	insects	4	U	-	ko:K09125	Vut_1.
GCA_009785095.1_ASM978509v1_00133	insects	4	H	folA	ko:K00287	2TM,DHFR_1
GCA_009785095.1_ASM978509v1_00323	insects	4	D	tilS	ko:K04075,ko:K15780	ATP_bind_3,TilS,TilS_C
GCA_009785095.1_ASM978509v1_00440	insects	4	M	-	ko:K00075	FAD_binding_4,MurB_C
GCA_009785095.1_ASM978509v1_00690	insects	4	M	-	ko:K07282	PGA_cap
GCA_009787015.1_ASM978701v1_00434	insects	4	I	plsC2	ko:K00655	Acyltransferase
GCA_009787015.1_ASM978701v1_00443	insects	4	L	holB	ko:K02341	DNA_pol3_delta2,DNApol3-delta_C
GCA_009787015.1_ASM978701v1_00626	insects	4	L	dnaX	ko:K02343	DNA_pol3_delta2,DNA_pol3_gamma3
GCA_009787245.1_ASM978724v1_00043	insects	4	M	murF	ko:K01929	Mur_ligase,Mur_ligase_C,Mur_ligase_M
GCA_009787245.1_ASM978724v1_00200	insects	4	U	secE	ko:K03073	SecE
GCA_009787245.1_ASM978724v1_00710	insects	4	F	-	-	ATP-cone
GCA_903918245.1_freshwater_MAG_---_AM-lipid-01-D1_bin-099_00459	natural	23	S	-	-	Aldo_ket_red
GCA_903821315.1_freshwater_MAG_---_AM-lipid-01-D2_bin-004_00090	natural	16	GM	-	-	DUF2867,NAD_binding_10
GCA_016196105.1_ASM1619610v1_00783	natural	15	U	sipV	ko:K03100	Peptidase_S24
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_00468	natural	15	L	-	-	SOUL
GCA_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG_00662	natural	15	P	fur	ko:K03711	FUR
GCA_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG_00250	natural	15	V	-	-	CHAP
GCA_001790525.1_ASM179052v1_00500	natural	14	K	-	-	Cupin_2,HTH_3,HTH_31
GCA_002952755.1_ASM295275v1_01307	natural	14	M	murG	ko:K02563	Glyco_tran_28_C,Glyco_transf_28
GCA_007127855.1_ASM712785v1_00793	natural	14	T	resE	ko:K07651	HAMP,HATPase_c,HisKA,PAS,PAS_4
GCA_014377525.1_ASM1437752v1_00014	natural	14	H	-	-	Methyltransf_11
GCA_025924835.1_ASM2592483v1_00777	natural	14	H	cyoE	ko:K02257	UbiA
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663_00347	natural	14	U	lepB	ko:K03100	Peptidase_S24
GCA_943353165.1_RH-20apr16-349_00201	natural	14	U	-	ko:K03116	MttA_Hcf106
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG_00118	natural	14	S	-	-	DUF2127
GCA_001790625.1_ASM179062v1_00547	natural	13	T	-	-	HATPase_c,HTH_18,HisKA,Reg_prop,Response_reg,Y_Y_Y
GCA_016196195.1_ASM1619619v1_00575	natural	13	M	cfa	ko:K00574,ko:K20238	CMAS
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG_00010	natural	13	S	ytxH	-	YtxH
GCA_002381485.1_ASM238148v1_00691	natural	12	M	-	ko:K22409	CHAP,LysM
GCA_002405335.1_ASM240533v1_01162	natural	12	J	pheT	ko:K01890	B3_4,B5,FDX-ACB,tRNA_bind
GCA_002429245.1_ASM242924v1_00914	natural	12	NU	-	-	N_methyl,SBP_bac_10
GCA_002452155.1_ASM245215v1_00590	natural	12	NU	pilM	ko:K02662	PilM_2
GCA_016187125.1_ASM1618712v1_00074	natural	12	P	-	ko:K02004	FtsX,MacB_PCD
GCA_016187175.1_ASM1618717v1_00397	natural	12	P	macB	ko:K02003	ABC_tran
GCA_016234585.1_ASM1623458v1_00032	natural	12	J	gatC	ko:K02435	Glu-tRNAGln
GCA_019662065.1_ASM1966206v1_00418	natural	12	G	-	ko:K02440	MIP
GCA_903829335.1_freshwater_MAG_---_AM-lipid-02-D1_bin-0304_00156	natural	12	M	alr	ko:K01775	Ala_racemase_C,Ala_racemase_N
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663_00401	natural	12	J	-	-	MTS,MTS_N
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_00843	natural	12	T	-	ko:K06994	MMPL
GCA_943354985.1_Jr-19feb18-57_00210	natural	12	S	-	-	-
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG_00188	natural	12	S	recX	ko:K03565	RecX
GCA_001790455.1_ASM179045v1_00131	natural	11	S	recX	ko:K03565	RecX
GCA_001790455.1_ASM179045v1_00327	natural	11	E	-	-	Glyoxalase
GCA_001790525.1_ASM179052v1_00835	natural	11	NOU	pilD	ko:K02654	DiS_P_DiS,Peptidase_A24
GCA_014377525.1_ASM1437752v1_00393	natural	11	M	-	ko:K22044	MS_channel
GCA_016183515.1_ASM1618351v1_00637	natural	11	C	glpC	ko:K00113	CCG,Fer4_8
GCA_016187125.1_ASM1618712v1_00513	natural	11	S	-	-	VIT1
GCA_903840315.1_freshwater_MAG_---_AM-lipid-02-D2_bin-0413_00084	natural	11	C	atpD	ko:K02112	ATP-synt_ab,ATP-synt_ab_N
GCA_001788565.1_ASM178856v1_00335	natural	10	C	-	ko:K02109	ATP-synt_B
GCA_001788565.1_ASM178856v1_00342	natural	10	P	-	-	Ion_trans_2
GCA_001788565.1_ASM178856v1_00433	natural	10	H	-	-	-
GCA_001788565.1_ASM178856v1_00708	natural	10	L	dprA	ko:K04096	DNA_processg_A
GCA_001790435.1_ASM179043v1_00879	natural	10	M	-	ko:K20444	Glyco_trans_1_4,Glyco_transf_4
GCA_001790525.1_ASM179052v1_00120	natural	10	P	-	-	Na_H_Exchanger,TrkA_N
GCA_001790525.1_ASM179052v1_00714	natural	10	NU	pilV	ko:K02458,ko:K02671	N_methyl
GCA_002381545.1_ASM238154v1_00619	natural	10	-	-	-	-
GCA_002404125.1_ASM240412v1_00671	natural	10	S	-	ko:K21600	Trns_repr_metal
GCA_016178135.1_ASM1617813v1_00248	natural	10	O	-	-	UbiA
GCA_016187175.1_ASM1618717v1_00374	natural	10	S	comE	ko:K02238	Competence,DUF4131
GCA_025449905.1_ASM2544990v1_00131	natural	10	J	pheT	ko:K01890	B3_4,B5,FDX-ACB,tRNA_bind
GCA_903829335.1_freshwater_MAG_---_AM-lipid-02-D1_bin-0304_00740	natural	10	M	-	-	Sortase
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074_00629	natural	10	T	-	ko:K03406	MCPsignal
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074_00630	natural	10	NT	-	ko:K03408	CheW
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074_00631	natural	10	T	cheY	ko:K03413	Response_reg
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074_00632	natural	10	NT	cheB	ko:K03412	CheB_methylest,Response_reg
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074_00634	natural	10	NT	cheC	ko:K03410	CheC,CheX
GCA_903831735.1_freshwater_MAG_---_AlinenLipids_bin-2074_00635	natural	10	NT	cheD	ko:K03411	CheD
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663_00302	natural	10	S	recX	ko:K03565	RecX
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663_00341	natural	10	T	ciaH	ko:K14982	HATPase_c,HisKA
GCA_903840315.1_freshwater_MAG_---_AM-lipid-02-D2_bin-0413_00181	natural	10	M	mscL	ko:K03282	MscL
GCA_903859325.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0230_00810	natural	10	I	sec59	ko:K18678	DUF92
GCA_903859365.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0353_00567	natural	10	K	lytR	-	LytR_C,LytR_cpsA_psr
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_00069	natural	10	H	coaE	-	AAA_17
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_00275	natural	10	O	pafA	ko:K13571	Pup_ligase
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_00866	natural	10	G	pgl	ko:K01057	Glucosamine_iso
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_00921	natural	10	D	tilS	ko:K04075	ATP_bind_3,TilS,TilS_C
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_00043	natural	10	V	-	ko:K02004	FtsX,MacB_PCD
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_00045	natural	10	O	-	-	Colicin_V,Trypsin_2
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_00245	natural	10	S	-	ko:K01992	ABC2_membrane_2
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_00285	natural	10	C	-	-	FAD_binding_8,Ferric_reduct,NAD_binding_1
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_00413	natural	10	S	cbbZp	ko:K01091	HAD_2
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_00428	natural	10	M	mprF	ko:K07027,ko:K14205	DUF2156,LPG_synthase_TM
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_00674	natural	10	M	-	ko:K19002	Glyco_transf_4,Glycos_transf_1,RecX
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_00772	natural	10	S	yhaH	-	YtxH
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_00823	natural	10	G	nnrD	ko:K17758,ko:K17759	Carb_kinase,YjeF_N
GCA_903894915.1_freshwater_MAG_---_AlinenLipids_bin-5330_00696	natural	10	T	cheA	ko:K03407	CheW,H-kinase_dim,HATPase_c,Hpt,P2
GCA_903918245.1_freshwater_MAG_---_AM-lipid-01-D1_bin-099_00177	natural	10	S	-	-	Bac_rhodopsin
GCA_903918245.1_freshwater_MAG_---_AM-lipid-01-D1_bin-099_00449	natural	10	P	-	-	Mntp
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_00058	natural	10	S	-	-	DUF1295
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_00302	natural	10	E	-	ko:K02035	SBP_bac_5
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_00369	natural	10	C	atpG	ko:K02115	ATP-synt
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_00409	natural	10	S	-	-	SHOCT,bPH_3
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_00566	natural	10	V	-	ko:K01990	ABC_tran
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_00869	natural	10	M	-	ko:K07258	Peptidase_S11
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_00974	natural	10	L	-	-	UPF0020
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG_00195	natural	10	M	rseP	ko:K11749	PDZ,PDZ_2,Peptidase_M50
GCA_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG_00562	natural	10	L	-	ko:K07447	RuvX
GCA_027365555.1_ASM2736555v1_00159	engineered	41	Q	-	-	Methyltransf_11
GCA_027426835.1_ASM2742683v1_00249	engineered	32	NOU	-	-	DiS_P_DiS,Peptidase_A24
GCA_027427555.1_ASM2742755v1_00522	engineered	31	O	-	-	Colicin_V,Trypsin_2
GCA_027427475.1_ASM2742747v1_00517	engineered	26	S	recX	ko:K03565	RecX
GCA_027427595.1_ASM2742759v1_00706	engineered	26	U	-	ko:K02456	N_methyl
GCA_027427715.1_ASM2742771v1_00404	engineered	26	G	-	ko:K02440,ko:K06188,ko:K09874	MIP
GCA_027427195.1_ASM2742719v1_00213	engineered	24	P	-	ko:K01531,ko:K01535	Cation_ATPase_N,E1-E2_ATPase,Hydrolase
GCA_027356525.1_ASM2735652v1_00195	engineered	23	Q	-	ko:K01061	DLH
GCA_027426955.1_ASM2742695v1_00459	engineered	23	C	-	-	Copper-bind,Lipoprotein_15
GCA_027331975.1_ASM2733197v1_00227	engineered	22	J	tlyA	ko:K06442	FtsJ,S4
GCA_027332225.1_ASM2733222v1_00344	engineered	22	V	macB1	ko:K02004	FtsX,MacB_PCD
GCA_027338765.1_ASM2733876v1_00253	engineered	22	S	nrnA	ko:K06881	DHH,DHHA1
GCA_027427135.1_ASM2742713v1_00011	engineered	22	M	murG	ko:K02563	Glyco_tran_28_C,Glyco_transf_28
GCA_027427255.1_ASM2742725v1_00272	engineered	22	M	mscL	ko:K03282	MscL
GCA_027427575.1_ASM2742757v1_00231	engineered	22	S	-	-	DUF1361
GCA_027331975.1_ASM2733197v1_00573	engineered	21	-	-	-	-
GCA_027427195.1_ASM2742719v1_00559	engineered	21	C	atpC	ko:K02114	ATP-synt_DE_N
GCA_027427235.1_ASM2742723v1_00283	engineered	21	S	-	-	Mannosyl_trans2,PMT_2
GCA_027427515.1_ASM2742751v1_00091	engineered	21	M	-	-	-
GCA_027427535.1_ASM2742753v1_00643	engineered	21	-	-	-	-
GCA_027447005.1_ASM2744700v1_00649	engineered	21	-	-	-	-
GCA_027450065.1_ASM2745006v1_00701	engineered	21	HJ	-	-	-
GCA_018062785.1_ASM1806278v1_00583	engineered	20	S	-	-	CW_binding_1,Excalibur,Lipoprotein_Ltp,VanY
GCA_027334585.1_ASM2733458v1_00111	engineered	20	S	yerB	-	DUF3048,DUF3048_C
GCA_027334585.1_ASM2733458v1_00651	engineered	20	T	-	-	GAF_2,HATPase_c,HisKA
GCA_027340655.1_ASM2734065v1_00543	engineered	20	C	cyoD	ko:K02300	COX4_pro
GCA_027365555.1_ASM2736555v1_00403	engineered	20	C	-	ko:K02109	ATP-synt_B
GCA_027426835.1_ASM2742683v1_00867	engineered	20	L	-	ko:K03652	Pur_DNA_glyco
GCA_027426915.1_ASM2742691v1_00701	engineered	20	F	mutT2	ko:K03574	NUDIX
GCA_027427475.1_ASM2742747v1_00177	engineered	20	J	frr	ko:K02838	RRF
GCA_027427475.1_ASM2742747v1_00432	engineered	20	S	-	ko:K07090	TauE
GCA_027427475.1_ASM2742747v1_00717	engineered	20	J	rpsQ	ko:K02961	Ribosomal_S17
GCA_027328705.1_ASM2732870v1_00200	engineered	19	L	-	-	HTH_28,HTH_29,HTH_32,rve
GCA_027426675.1_ASM2742667v1_00347	engineered	19	M	-	ko:K13735	DUF11,Invasin_D3
GCA_027426915.1_ASM2742691v1_00196	engineered	19	T	yabE	-	3D,DUF348,G5
GCA_027427135.1_ASM2742713v1_00075	engineered	19	L	priA	ko:K04066	DEAD,Helicase_C,ResIII
GCA_027427135.1_ASM2742713v1_00826	engineered	19	E	-	-	Amidinotransf
GCA_027427475.1_ASM2742747v1_00010	engineered	19	H	cyoE	ko:K02257	UbiA
GCA_027427575.1_ASM2742757v1_00664	engineered	19	J	miaA	ko:K00791	IPPT
GCA_027427695.1_ASM2742769v1_00295	engineered	19	T	-	-	HAMP,HATPase_c,HisKA
GCA_027446985.1_ASM2744698v1_00151	engineered	19	K	mprA	-	Response_reg,Trans_reg_C
GCA_027446985.1_ASM2744698v1_00452	engineered	19	L	xseA	ko:K03601	Exonuc_VII_L,tRNA_anti_2
GCA_027446985.1_ASM2744698v1_00686	engineered	19	L	dnaG	ko:K02316	DnaB_bind,DnaG_DnaB_bind,Toprim_2,Toprim_4,Toprim_N,zf-CHC2
GCA_027323755.1_ASM2732375v1_00024	engineered	18	M	-	-	Glycos_transf_2
GCA_027365555.1_ASM2736555v1_00384	engineered	18	M	-	ko:K07258	Peptidase_S11
GCA_027365555.1_ASM2736555v1_00419	engineered	18	C	cyoA	ko:K02297	COX2,COX_ARM
GCA_027426775.1_ASM2742677v1_00141	engineered	18	CO	-	ko:K02199	AhpC-TSA,Thioredoxin,Thioredoxin_3,Thioredoxin_9
GCA_027426775.1_ASM2742677v1_00483	engineered	18	V	-	ko:K01992	ABC2_membrane,ABC2_membrane_3
GCA_027427135.1_ASM2742713v1_00114	engineered	18	-	-	-	-
GCA_027427475.1_ASM2742747v1_00642	engineered	18	S	-	ko:K01218	Baseplate_J,CBM_3,CBM_4_9,Calx-beta,F5_F8_type_C,GSDH,PA14,fn3
GCA_027427535.1_ASM2742753v1_00496	engineered	18	O	-	-	Glutaredoxin
GCA_027427535.1_ASM2742753v1_00503	engineered	18	P	-	ko:K09815,ko:K11707	ZnuA
GCA_027427655.1_ASM2742765v1_00725	engineered	18	M	-	ko:K18814	Wzy_C
GCA_002441585.1_ASM244158v1_00425	engineered	17	K	-	-	Zn_ribbon_2
GCA_027325955.1_ASM2732595v1_00232	engineered	17	NU	pilA	ko:K02650	N_methyl,Pilin_PilA
GCA_027334585.1_ASM2733458v1_00527	engineered	17	V	-	-	PIN

GCA_027334585.1_ASM2733458v1_00734	engineered	17	S	-	-	Lactamase_B_3
GCA_027338765.1_ASM2733876v1_00664	engineered	17	S	-	-	Mannosyl_trans2
GCA_027340655.1_ASM2734065v1_00392	engineered	17	O	pepD	ko:K08372	PDZ_2,Trypsin,Trypsin_2
GCA_027340655.1_ASM2734065v1_00520	engineered	17	G	-	ko:K00036	G6PD_C,G6PD_N
GCA_027426675.1_ASM2742667v1_00064	engineered	17	P	perR	ko:K09825	FUR
GCA_027426835.1_ASM2742683v1_00891	engineered	17	S	-	-	Spermine_synth
GCA_027426955.1_ASM2742695v1_00563	engineered	17	J	rluD	ko:K06180	PseudoU_synth_2,S4
GCA_027427055.1_ASM2742705v1_00510	engineered	17	V	-	ko:K02004	FtsX,MacB_PCD
GCA_027427255.1_ASM2742725v1_00340	engineered	17	H	nadD	ko:K00969	CTP_transf_like
GCA_027427495.1_ASM2742749v1_00142	engineered	17	V	-	ko:K02004	FtsX,MacB_PCD
GCA_027449065.1_ASM2744906v1_00473	engineered	17	G	pgl	ko:K01057	Glucosamine_iso
GCA_020428425.1_ASM2042842v1_00516	engineered	16	J	rluB	ko:K06178,ko:K06182	PseudoU_synth_2,S4
GCA_027323755.1_ASM2732375v1_00059	engineered	16	V	-	-	AbiEii
GCA_027323755.1_ASM2732375v1_00431	engineered	16	M	-	-	PT-HINT,RHS_repeat,Ricin_B_lectin
GCA_027327265.1_ASM2732726v1_00462	engineered	16	IQ	-	ko:K00034,ko:K00059,ko:K03366	adh_short_C2
GCA_027328705.1_ASM2732870v1_00224	engineered	16	C	atpF	ko:K02109	ATP-synt_B
GCA_027340655.1_ASM2734065v1_00541	engineered	16	T	-	-	HATPase_c,HisKA
GCA_027365555.1_ASM2736555v1_00098	engineered	16	K	-	ko:K07665	Response_reg,Trans_reg_C
GCA_027365795.1_ASM2736579v1_00830	engineered	16	M	-	-	CW_binding_1,Lactamase_B
GCA_027366295.1_ASM2736629v1_00588	engineered	16	S	cbbZp	ko:K01091	HAD_2
GCA_027426695.1_ASM2742669v1_00148	engineered	16	E	-	ko:K02035	SBP_bac_5
GCA_027426875.1_ASM2742687v1_00105	engineered	16	D	-	-	PG_binding_1,PG_binding_4,YkuD
GCA_027426975.1_ASM2742697v1_00458	engineered	16	F	-	ko:K02428	Ham1p_like
GCA_027427035.1_ASM2742703v1_00327	engineered	16	J	rplO	ko:K02876	Ribosomal_L27A
GCA_027427115.1_ASM2742711v1_00158	engineered	16	J	truB	ko:K03177	TruB-C_2,TruB_C_2,TruB_N
GCA_027427155.1_ASM2742715v1_00687	engineered	16	S	-	-	SHOCT,bPH_3
GCA_027427295.1_ASM2742729v1_00254	engineered	16	S	ydiB	ko:K06925	TsaE
GCA_027427695.1_ASM2742769v1_00792	engineered	16	J	fmt	ko:K00604	Formyl_trans_C,Formyl_trans_N
GCA_027427755.1_ASM2742775v1_00105	engineered	16	S	-	-	DUF2779

Supplementary Table 4b. The most prevalent protein clusters common to Saccharibacteria from both human body and other mammals.

Protein cluster	Prevalence	Prevalence in human body	Prevalence in other mammals	eggNOG annotation			
				COG_category	Preferred_name	KEGG_ko	PFAMs
R0170300217_tooth_RA.megahit.bin.23_00427	1,301	1299	2	ET	-	ko:K02029,ko:K02030	SBP_bac_3
GCA_904425485.1_PRJEB35131-2_00068	1,170	1168	2	E	-	ko:K02028	ABC_tran,Rad17
R0170300061_tooth_RA.megahit.bin.12_00442	929	928	1	V	-	ko:K01992	ABC2_membrane,ABC2_membrane_3
SZAXPI018287-129_RA_dental.metaspades.bin.34_00211	788	787	1	V	vex2	ko:K02003	ABC_tran
SZAXPI018280-95_RA_dental.metaspades.bin.36_00084	785	784	1	S	yhgE	ko:K01421	ABC2_membrane_3,DUF3533
SZAXPI018488-20_RA_saliva.metaspades.bin.49_00044	784	783	1	S	-	ko:K09131	DUF167
GCA_905372305.1_SRR9217408-mag-bin.12_00979	755	754	1	S	-	-	-
GCA_905373795.1_SRR9217490-mag-bin.5_00217	707	706	1	C	-	-	FAD_binding_6,NAD_binding_1
SZAXPI018184-41_RA_dental.metaspades.bin.37_00749	670	669	1	S	-	ko:K02234	CobW_C,cobW
SZAXPI018173-27_RA_dental.metaspades.bin.20_00373	665	664	1	G	-	ko:K22278	Polysacc_deac_1
RSZYD18078673_A_saliva.metaspades.bin.3_00636	570	569	1	F	cyaB	ko:K05873	CYTH
SZAXPI018288-133_RA_dental.metaspades.bin.4_00316	558	557	1	S	-	-	VIT1
SRR8114009.metaspades.bin.3_00262	465	464	1	C	merA	ko:K00520,ko:K21739	Pyr_redox_2,Pyr_redox_dim
GCA_017460305.1_00519	457	450	7	J	rplW	ko:K02892	Ribosomal_L23
R0170300222_tooth_RA.megahit.bin.94_00820	394	393	1	S	-	ko:K06910	PBP
GCA_017460165.1_00506	372	366	6	O	-	ko:K05521	ADP_ribosyl_GH,DSPc
YS000906_saliva.spades.bin.34_00676	353	352	1	M	-	ko:K03928	Abhydrolase_6,Hydrolase_4
R0170300268_tooth_RAH.megahit.bin.13_00695	344	343	1	V	-	-	FtsX,MacB_PCD
GCA_947367795.1_SRR15431173_bin.17_metawrap_v1.3_MAG_00453	288	169	119	D	-	-	FtsA
SZAXPI018492-24_RA_saliva.metaspades.bin.47_00304	286	190	96	G	tpiA	ko:K01803	TIM
RDPYD18189966_A_saliva.metaspades.bin.40_00357	282	196	86	J	rumA	ko:K03215	TRAM,tRNA_U5-meth_tr
R0170300055_tooth_RA.megahit.bin.35_00498	272	244	28	-	nudA	-	ASCH,NUDIX
GCA_017432705.1_00288	261	192	69	M	-	-	Glyco_trans_1_4,Glyco_trans_4_4,Glycos_transf_1
GCA_017431955.1_00690	253	187	66	M	murE	ko:K01928	Mur_ligase,Mur_ligase_C,Mur_ligase_M
GCA_947362105.1_SRR15194760_bin.16_metawrap_v1.3_MAG_00715	242	189	53	J	tgt	ko:K00773	TGT
R0170300056_tooth_RA.megahit.bin.105_00072	241	193	48	O	-	ko:K03686	DnaJ,DnaJ_C
RDPYD18189960_A_saliva.metaspades.bin.21_00508	238	191	47	O	grpE	ko:K03687	GrpE
GCA_946407955.1_SRR12081294_bin.80_metaWRAP_v1.3_MAG_00082	230	205	25	O	htpX	ko:K03799	Peptidase_M48
R0170300261_tooth_RAH.megahit.bin.18_00076	228	227	1	S	-	-	DUF2207
SZAXPI018492-24_RA_saliva.metaspades.bin.47_00079	227	187	40	K	greA	ko:K03624	GreA_GreB,GreA_GreB_N
R0170300110_tooth_RA.megahit.bin.38_00585	226	224	2	L	polA	ko:K02335	5_3_exonuc,5_3_exonuc_N,DNA_pol_A,DNA_pol_A_exo1
GCA_013099195.1_ASM1309919v1_00424	224	222	2	C	-	-	Nitroreductase
RSZYD18187327_A_saliva.metaspades.bin.15_00164	218	192	26	J	ksgA	ko:K02528	RrnaAD
RSZAXPI002479-169_RAH_saliva.metaspades.bin.73_00452	210	209	1	K	-	-	Acetyltransf_1
RSZAXPI002619-34_RA_dental.metaspades.bin.5_00585	207	183	24	P	-	ko:K12952	E1-E2_ATPase,Hydrolase
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_00306	205	204	1	T	yabE	-	3D,DUF348,G5
GCA_017432425.1_00353	204	179	25	M	murE	ko:K01928	Mur_ligase,Mur_ligase_C,Mur_ligase_M
GCA_013316435.1_ASM1331643v1_00252	202	190	12	G	gpmI	ko:K15633	Metalloenzyme,Phosphodiest,iPGM_N
RSZYD18078115_A_saliva.metaspades.bin.19_00574	199	174	25	U	znuB	ko:K02075,ko:K09816	ABC-3
R0170300211_tooth_RA.megahit.bin.13_00251	198	135	63	-	-	-	-
RSZYD18078615_A_saliva.metaspades.bin.32_00426	196	181	15	V	bceA	ko:K02003	ABC_tran
GCA_946626365.1_SRR873609_bin.132_metaWRAP_v1.3_MAG_00407	195	137	58	F	tmk	ko:K00943	Thymidylate_kin
RDPYD18088979_A_saliva.metaspades.bin.8_00708	195	189	6	S	-	-	DUF308
RDPYD18201655_A_saliva.metaspades.bin.21_00167	195	191	4	S	-	-	AI-2E_transport
RSZYD18078100_A_saliva.metaspades.bin.89_00583	192	191	1	P	-	-	Vut_1
RSZYD18078259_A_saliva.metaspades.bin.22_00324	192	188	4	I	-	ko:K00627	Abhydrolase_1,Abhydrolase_6,Hydrolase_4
RSZYD18187280_A_saliva.metaspades.bin.37_00557	191	188	3	S	-	-	PDDEXK_4
R0170300136_tooth_RA.megahit.bin.73_00229	190	187	3	S	-	-	DUF2974
R0170300161_tooth_RA.megahit.bin.150_00114	190	177	13	J	pheT	ko:K01890	B3_4,B5,FDX-ACB,tRNA_bind
R0170300271_tooth_RAH.megahit.bin.16_00702	190	181	9	L	rnhB	ko:K03470	RNase_HII
RSZYD18187002_A_saliva.metaspades.bin.39_00225	190	189	1	L	-	ko:K08316	Cons_hypoth95

Supplementary Table 4c. The most prevalent protein clusters common to Saccharibacteria from both natural and engineered environments.

Protein cluster	Prevalence	Prevalence in engineered	Prevalence in natural	eggNOG annotation			
				COG_category	Preferred_name	KEGG_ko	PFAMs
GCA_016700375.1_ASM1670037v1_00297	154	83	71	C	cyoC	ko:K02299	COX3
GCA_023253175.1_ASM2325317v1_00100	152	83	69	C	cyoB	ko:K02298	COX1
GCA_013289705.1_ASM1328970v1_00600	145	75	70	U	-	ko:K02653	T2SSF
GCA_027356525.1_ASM2735652v1_01247	144	82	62	M	-	-	Glycos_transf_2
GCA_002413865.1_ASM241386v1_00091	137	73	64	S	-	-	Peptidase_M16,Peptidase_M16_C
GCA_027427235.1_ASM2742723v1_00314	130	70	60	E	map	ko:K01265	Peptidase_M24
GCA_016178135.1_ASM1617813v1_00470	121	59	62	J	rpmC	ko:K02904	Ribosomal_L29
GCA_013289705.1_ASM1328970v1_01190	111	46	65	J	rplD	ko:K02926	Ribosomal_L4
GCA_014377525.1_ASM1437752v1_00506	109	66	43	G	-	-	Glyco_transf_4,Glyco_transf_5,Glycos_transf_1
GCA_027427475.1_ASM2742747v1_00039	109	70	39	O	-	-	Glutaredoxin
GCA_027426655.1_ASM2742665v1_00728	108	52	56	L	dnaN	ko:K02338	DNA_pol3_beta,DNA_pol3_beta_2,DNA_pol3_beta_3
GCA_027426975.1_ASM2742697v1_00297	108	71	37	C	atpB	ko:K02108	ATP-synt_A
GCA_027314885.1_ASM2731488v1_00882	107	57	50	-	-	-	-
GCA_027450165.1_ASM2745016v1_00636	107	59	48	G	-	-	PfkB
GCA_003516025.1_ASM351602v1_00273	105	50	55	L	-	ko:K11927	DEAD,Helicase_C
GCA_002413755.1_ASM241375v1_01067	104	69	35	C	atpG	ko:K02115	ATP-synt
GCA_018062805.1_ASM1806280v1_00338	101	74	27	G	-	ko:K01178	Glucodextran_N,Glyco_hydro_15
GCA_027356525.1_ASM2735652v1_00189	100	63	37	F	-	-	Thy1
GCA_002404255.1_ASM240425v1_00726	99	46	53	H	metK	ko:K00789	S-AdoMet_synt_C,S-AdoMet_synt_M,S-AdoMet_synt_N
GCA_014377525.1_ASM1437752v1_00277	99	40	59	K	nusB	ko:K03625	NusB
GCA_025928155.1_ASM2592815v1_00025	95	53	42	C	atpE	ko:K02110,ko:K02124	ATP-synt_C
GCA_016196105.1_ASM1619610v1_00662	93	41	52	L	-	-	UPF0020
GCA_014377695.1_ASM1437769v1_00245	90	37	53	-	-	-	-
GCA_002405335.1_ASM240533v1_01098	88	47	41	J	rplO	ko:K02876	Ribosomal_L27A
GCA_027315225.1_ASM2731522v1_00953	86	27	59	Q	-	-	Methyltransf_11
GCA_003962975.1_ASM396297v1_00248	85	50	35	D	ftsA	ko:K03590	FtsA,SHS2_FTSA
GCA_027315225.1_ASM2731522v1_00323	84	53	31	O	-	ko:K08070	PDZ_2,Trypsin_2
GCA_027426815.1_ASM2742681v1_00674	83	38	45	P	cadA	-	E1-E2_ATPase,Hydrolase
GCA_021404905.1_ASM2140490v1_00579	82	44	38	G	pyk	ko:K00873	PK,PK_C
GCA_025450135.1_ASM2545013v1_00069	82	58	24	L	polA	ko:K02335	5_3_exonuc,5_3_exonuc_N,DNA_pol_A
GCA_025928155.1_ASM2592815v1_00671	81	53	28	EGKP	-	-	MFS_1
GCA_903840315.1_freshwater_MAG_---_AM-lipid-02-D2_bin-0413_00149	81	51	30	V	-	ko:K01990	ABC_tran
GCA_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG_00412	81	32	49	M	murI	ko:K01776	Asp_Glu_race
GCA_027426835.1_ASM2742683v1_00468	79	50	29	V	-	ko:K01992	ABC2_membrane
GCA_027427295.1_ASM2742729v1_00325	79	62	17	S	-	-	PIG-L
GCA_002336935.1_ASM233693v1_00058	77	35	42	V	ywjA	ko:K06147,ko:K18893	ABC_membrane,ABC_tran
GCA_027446985.1_ASM2744698v1_00015	77	60	17	H	apbE	ko:K03734	ApbE,DUF2271
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_00197	75	52	23	S	-	-	YbjQ_1
GCA_016699955.1_ASM1669995v1_00911	74	30	44	C	cyoA	ko:K02297	COX2,COX_ARM
GCA_027315225.1_ASM2731522v1_00948	74	54	20	S	-	-	bPH_2
GCA_014377695.1_ASM1437769v1_00635	73	24	49	J	gatC	ko:K02435	Glu-tRNAGln
GCA_016176605.1_ASM1617660v1_00253	72	38	34	L	pcrA	ko:K03657	UvrD-helicase,UvrD_C
GCA_002331045.1_ASM233104v1_00957	69	45	24	G	-	ko:K01621	XFP,XFP_C,XFP_N
GCA_002404125.1_ASM240412v1_00303	69	54	15	C	-	-	FAD_binding_6,NAD_binding_1,NQR2_RnfD_RnfE
GCA_020428275.1_ASM2042827v1_00226	69	45	24	L	-	ko:K11927	DEAD,Helicase_C
GCA_026707815.1_ASM2670781v1_00384	67	31	36	J	rpmE2	ko:K02909	Ribosomal_L31
GCA_027426775.1_ASM2742677v1_00135	67	33	34	K	lexA	ko:K01356	LexA_DNA_bind,Peptidase_S24
GCA_903946795.1_freshwater_MAG_---_Loc090907-4m_bin-620_00726	67	33	34	P	-	-	Nramp
GCA_002405335.1_ASM240533v1_00808	66	44	22	T	cseB	-	Response_reg,Trans_reg_C
GCA_027427195.1_ASM2742719v1_00609	66	43	23	M	murF	ko:K01929	Mur_ligase,Mur_ligase_C,Mur_ligase_M
GCA_002404255.1_ASM240425v1_00553	65	25	40	L	xseA	ko:K03601	Exonuc_VII_L,tRNA_anti_2
GCA_027315225.1_ASM2731522v1_00269	65	24	41	S	-	-	FMN_red
GCA_027315225.1_ASM2731522v1_00820	65	60	5	C	-	-	Cytochrom_B_N_2
GCA_016219345.1_ASM1621934v1_00450	64	26	38	L	-	ko:K02346	IMS,IMS_C
GCA_025450135.1_ASM2545013v1_00739	64	48	16	J	cysS	ko:K01883	DALR_2,tRNA-synt_1e
GCA_016183515.1_ASM1618351v1_00175	63	10	53	G	-	ko:K05350	Glyco_hydro_1
GCA_027492535.1_ASM2749253v1_00078	62	43	19	C	atpG	ko:K02115	ATP-synt
GCA_002404125.1_ASM240412v1_01019	61	32	29	S	-	ko:K21688	DUF348,G5,SLT
GCA_027427255.1_ASM2742725v1_00502	61	38	23	S	-	-	VKOR
GCA_027426955.1_ASM2742695v1_00232	60	58	2	-	-	-	-
GCA_016178135.1_ASM1617813v1_00319	59	23	36	E	NPEPPS	ko:K08776	ERAP1_C,Peptidase_M1

GCA_903836325.1_freshwater_MAG_---_KR2_bin-0178_00428	59	49	10	-	-	-	-
GCA_002413755.1_ASM241375v1_00079	58	9	49	D	tig	ko:K03545	FKBP_C,Trigger_C,Trigger_N
GCA_002441585.1_ASM244158v1_00111	58	36	22	J	rpsT	ko:K02968	Ribosomal_S20p
GCA_002452155.1_ASM245215v1_00239	57	15	42	J	rpsQ	ko:K02961	Ribosomal_S17
GCA_002952755.1_ASM295275v1_00484	57	43	14	E	-	ko:K02035	SBP_bac_5
GCA_027340655.1_ASM2734065v1_00390	57	39	18	L	dinB	ko:K02346	IMS,IMS_C,IMS_HHH
GCA_002413835.1_ASM241383v1_01184	56	40	16	S	rmuC	ko:K09760	RmuC
GCA_016178135.1_ASM1617813v1_00691	56	16	40	S	obg	ko:K03979	DUF1967,GTP1_OBG,MMR_HSR1
GCA_016196105.1_ASM1619610v1_00691	56	20	36	J	pth	ko:K01056	Pept_tRNA_hydro
GCA_027334585.1_ASM2733458v1_00450	56	13	43	EGP	-	-	MFS_1
GCA_007127855.1_ASM712785v1_00678	55	37	18	S	-	-	Zincin_1
GCA_014377695.1_ASM1437769v1_00168	55	27	28	O	prsA	ko:K07533	Rotamase_2,Rotamase_3,SurA_N_3
GCA_014377695.1_ASM1437769v1_00602	55	9	46	P	-	ko:K07238	Zip
GCA_027427715.1_ASM2742771v1_00638	55	38	17	GK	-	-	ROK
GCA_004100325.1_ASM410032v1_00862	54	15	39	S	-	-	FMN_red
GCA_020428435.1_ASM2042843v1_00246	54	26	28	V	-	ko:K01990	ABC_tran,DUF4162
GCA_020428435.1_ASM2042843v1_00266	54	36	18	C	atpC	ko:K02114	ATP-synt_DE,ATP-synt_DE_N
GCA_027426775.1_ASM2742677v1_00168	54	32	22	EGP	-	-	MFS_1
GCA_002404255.1_ASM240425v1_00818	53	47	6	S	obg	ko:K03979	DUF1967,GTP1_OBG,MMR_HSR1
GCA_016699935.1_ASM1669993v1_00464	53	22	31	O	bcp	ko:K03564	AhpC-TSA
GCA_018062785.1_ASM1806278v1_00283	53	33	20	J	-	ko:K07566	Sua5_yciO_yrdC
GCA_027426995.1_ASM2742699v1_00355	53	46	7	F	-	-	Ham1p_like
GCA_027450065.1_ASM2745006v1_00004	53	38	15	C	atpC	ko:K02114	ATP-synt_DE_N
GCA_943350085.1_RH-15aug16-19_00550	53	25	28	J	valS	ko:K01873	Anticodon_1,Val_tRNA-synt_C,tRNA-synt_1
GCA_003133385.1_20120500_P26_00147	52	30	22	J	MRPS16	ko:K02959	Ribosomal_S16
GCA_016187125.1_ASM1618712v1_00748	52	30	22	C	yvgN	-	Aldo_ket_red
GCA_027326965.1_ASM2732696v1_00054	52	39	13	M	-	-	Glycos_transf_2
GCA_027450065.1_ASM2745006v1_00007	52	29	23	C	atpA	ko:K02111	ATP-synt_ab,ATP-synt_ab_C,ATP-synt_ab_N,OSCP
GCA_016789455.1_ASM1678945v1_01057	51	33	18	S	-	-	YdjM
GCA_020427985.1_ASM2042798v1_00807	51	47	4	S	ybhK	-	UPF0052
GCA_946479115.1_ERR5385026_bin.7_metawrap_v1.3.0_MAG_00819	51	29	22	L	mpg	ko:K03652	Pur_DNA_glyco
GCA_001790525.1_ASM179052v1_00401	50	18	32	P	pspE	ko:K03972	Rhodanese
GCA_002434055.1_ASM243405v1_00622	50	25	25	L	-	-	UPF0020
GCA_003962975.1_ASM396297v1_00724	50	14	36	-	-	-	Glyco_hydro_42
GCA_020428005.1_ASM2042800v1_00272	50	23	27	M	-	ko:K07011	Glycos_transf_2

Supplementary Table 4d. Protein clusters common to Saccharibacteria from five different environments.

Protein cluster	Prevalence	eggNOG annotation			
		COG_category	Preferred_name	KEGG_ko	PFAMs
GCA_016699935.1_ASM1669993v1_01556	2,032	J	rplP	ko:K02878	Ribosomal_L16
GCA_001790525.1_ASM179052v1_00592	2,028	J	rpsS	ko:K02965	Ribosomal_S19
RDPYD18098861_A_saliva.metaspades.bin.17_00014	2,027	J	rplE	ko:K02931	Ribosomal_L5,Ribosomal_L5_C
GCA_019352195.1_ASM1935219v1_00372	2,026	J	rpsC	ko:K02982	KH_2,Ribosomal_S3_C
GCA_916439725.1_DRR214962_bin.20_metaWRAP_v1.1_MAG_00793	2,026	J	rplN	ko:K02874	Ribosomal_L14
RSZAXPI002673-20_RA_dental.metaspades.bin.3_00122	2,014	J	rplB	ko:K02886	Ribosomal_L2,Ribosomal_L2_C
GCA_003133385.1_20120500_P26_00795	2,009	J	rpsK	ko:K02948	Ribosomal_S11
GCA_004100325.1_ASM410032v1_00702	2,000	J	rplF	ko:K02933	Ribosomal_L6
GCA_005697565.1_ASM569756v1_00183	2,000	J	rpsB	ko:K02967	Ribosomal_S2
GCA_027365795.1_ASM2736579v1_00677	2,000	J	rpsM	ko:K02952	Ribosomal_S13
GCA_017459845.1_00208	1,982	K	nusG	ko:K02601	KOW,NusG
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_00100	1,981	D	ftsE	ko:K09812	ABC_tran
GCA_004294965.1_ASM429496v1_00301	1,975	J	rplK	ko:K02867	Ribosomal_L11,Ribosomal_L11_N
GCA_904425485.1_PRJEB35131-2_00116	1,970	O	dnaK	ko:K04043	HSP70
GCA_002839415.1_ASM283941v1_00383	1,964	O	clpP	ko:K01358	CLP_protease
GCA_947425995.1_SRR19981123_bin.1_metawrap_v1.3_MAG_00142	1,964	L	ruvB	ko:K03551	RuvB_C,RuvB_N
R0170300137_tooth_RA.megahit.bin.43_00926	1,964	J	prfA	ko:K02835	PCRF,RF-1
GCA_015655045.1_ASM1565504v1_00381	1,959	L	uvrB	ko:K03702	Helicase_C,ResIII,UVR,UvrB
GCA_027338765.1_ASM2733876v1_00143	1,957	J	rpsG	ko:K02992	Ribosomal_S7
RDPYD18098966_A_saliva.metaspades.bin.10_00560	1,955	J	rpsO	ko:K02956	Ribosomal_S15
GCA_013333375.2_ASM1333337v2_00474	1,954	J	rnc	ko:K03685	Ribonucleas_3_3,dsrm
RSZYD18078736_A_saliva.metaspades.bin.17_00455	1,951	L	uvrA	ko:K03701	ABC_tran
GCA_017421685.1_00508	1,946	C	ppa	ko:K01507	Pyrophosphatase
GCA_009781895.1_ASM978189v1_00017	1,943	J	rpsL	ko:K02950	Ribosom_S12_S23
GCA_947171955.1_SRR14862904_bin.27_metawrap_v1.3_MAG_00481	1,940	M	mraY	ko:K01000	Glycos_transf_4,MraY_sig1
GCA_014377525.1_ASM1437752v1_00554	1,940	L	recA	ko:K03553	RecA
GCA_943353165.1_RH-20apr16-349_00320	1,939	K	-	-	-
GCA_002746885.1_ASM274688v1_00434	1,936	O	ftsH	ko:K03798	AAA,FtsH_ext,Peptidase_M41
RSZYD18078691_A_saliva.metaspades.bin.32_00302	1,932	D	ftsZ	ko:K03531	FtsZ_C,Tubulin
RDPYD18300405_A_saliva.metaspades.bin.82_00746	1,932	J	frr	ko:K02838	RRF
R0170300083_tooth_RA.megahit.bin.110_00508	1,928	J	rpsJ	ko:K02946	Ribosomal_S10
GCA_002441585.1_ASM244158v1_00262	1,922	J	tuf	ko:K02358	GTP_EFTU,GTP_EFTU_D2,GTP_EFTU_D3
GCA_017430785.1_00597	1,917	J	prfB	ko:K02836	PCRF,RF-1
GCA_905372725.1_SRR9217423-mag-bin.8_00150	1,912	S	rny	ko:K18682	DUF3552,HD,KH_1
GCA_024635455.1_ASM2463545v1_00070	1,909	NU	pilB	ko:K02652	T2SSE,T2SSE_N
GCA_001790525.1_ASM179052v1_00300	1,903	J	-	ko:K02945	S1
GCA_943914775.1_Tcv98XDF6C_bin.50.MAG_00239	1,900	J	rplS	ko:K02884	Ribosomal_L19
RSZYD18187694_A_saliva.metaspades.bin.6_00395	1,900	NU	-	ko:K02669	T2SSE
GCA_001790525.1_ASM179052v1_00538	1,894	J	rplL	ko:K02935	Ribosomal_L12,Ribosomal_L12_N
YS000161_saliva.spades.bin.8_00499	1,886	T	typA	ko:K06207	EFG_C,GTP_EFTU,GTP_EFTU_D2
GCA_905373345.1_SRR9217464-mag-bin.7_00210	1,878	U	secY	ko:K03076	SecY
RSZYD18187492_A_saliva.metaspades.bin.15_00261	1,878	L	dnaE	ko:K02337	DNA_pol3_alpha,HHH_6,PHP,tRNA_anti-codon
R0170300119_tooth_RA.megahit.bin.84_00096	1,871	J	rpsD	ko:K02986	Ribosomal_S4,S4
RSZYD18187907_A_saliva.metaspades.bin.32_00730	1,851	J	rluB	ko:K06178	PseudoU_synth_2,S4
GCA_017512085.1_00254	1,848	M	lepA	ko:K03596	EFG_C,EFG_II,GTP_EFTU,GTP_EFTU_D2,LepA_C
RSZYD18187119_A_saliva.metaspades.bin.9_00339	1,844	S	-	-	HIGH_NTase1
GCA_017619315.1_ASM1761931v1_00069	1,841	J	rpmE2	ko:K02909	Ribosomal_L31
RSZYD18078015_A_saliva.metaspades.bin.19_00030	1,805	J	pnp	ko:K00962	KH_1,PNPase,RNase_PH,RNase_PH_C,S1
YS000007_saliva.spades.bin.7_00134	1,805	J	rpsU	ko:K02970	Ribosomal_S21
RSZAXPI002323-35_RAH_dental.metaspades.bin.28_00502	1,781	J	rplJ	ko:K02864	Ribosomal_L10
GCA_017406985.1_00321	1,776	U	secG	ko:K03075	SecG
RSZYD18187801_A_saliva.metaspades.bin.75_00510	1,772	J	rplM	ko:K02871	Ribosomal_L13
R0170300302_tooth_RAH.megahit.bin.114_00015	1,768	L	gyrB	ko:K02470	DNA_gyraseB,DNA_gyraseB_C,HATPase_c,Toprim
RDPYD18300202_A_saliva.metaspades.bin.45_00582	1,766	J	rplU	ko:K02888	Ribosomal_L21p
GCA_017460065.1_00521	1,755	J	rplT	ko:K02887	Ribosomal_L20
GCA_016187175.1_ASM1618717v1_00208	1,750	U	-	-	AAA_10,DUF87,PrgI
GCA_017404515.1_00485	1,742	J	fusA	ko:K02355	EFG_C,EFG_II,EFG_IV,GTP_EFTU,GTP_EFTU_D2
RSZAXPI002675-22_RA_dental.metaspades.bin.61_00204	1,738	J	-	-	HGTP_anticodon,tRNA-synt_2b
RDPYD18189868_A_saliva.metaspades.bin.61_00549	1,729	KT	relA	ko:K00951	ACT_4,HD_4,RelA_SpoT,TGS
GCA_001790525.1_ASM179052v1_00066	1,720	L	gyrA	ko:K02469	DNA_gyraseA_C,DNA_topoisoIV
RSZYD18078152_A_saliva.metaspades.bin.41_00674	1,711	L	recG	ko:K03655	DEAD,Helicase_C,RecG_wedge
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_00498	1,711	S	-	ko:K03980	MVIN
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG_00311	1,707	J	rpsH	ko:K02994	Ribosomal_S8
R0170300320_tooth_RAH.megahit.bin.52_00253	1,694	J	rsmH	ko:K03438	Methyltransf_5
GCA_947068245.1_SRR12358625_bin.21_metawrap_v1.3_MAG_00112	1,684	J	rpmJ	ko:K02919	Ribosomal_L36

GCA_017480095.1_00166	1,681	L	ruvC	ko:K01159	RuvC
GCA_017480035.1_00018	1,674	J	mnmA	ko:K00566	tRNA_Me_trans
GCA_016183515.1_ASM1618351v1_00434	1,672	C	-	ko:K00134	Gp_dh_C,Gp_dh_N
GCA_947364965.1_SRR16350202_bin.8_metawrap_v1.3_MAG_00211	1,667	D	xerD	ko:K04763	Phage_int_SAM_1,Phage_integrase
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG_00689	1,659	O	groL	ko:K04077	Cpn60_TCP1
GCA_002343385.1_ASM234338v1_00272	1,645	D	-	-	FtsA
RDPYD18300202_A_saliva.metaspades.bin.45_00172	1,640	J	rplA	ko:K02863	Ribosomal_L1
GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG_00004	1,640	F	apfA	ko:K18445	NUDIX
GCA_017404685.1_00496	1,640	NU	-	ko:K02652	T2SSE,T2SSE_N
GCA_020427985.1_ASM2042798v1_00710	1,627	L	ruvA	ko:K03550	HHH_5,RuvA_C,RuvA_N
GCA_947304825.1_SRR10912542_bin.28_metaWRAP_v1.3_MAG_00186	1,624	J	rpsE	ko:K02988	Ribosomal_S5,Ribosomal_S5_C
GCA_017510205.1_00365	1,623	J	aspS	ko:K01876	GAD,tRNA-synt_2,tRNA_anti-codon
GCA_017512095.1_00347	1,592	J	rpmI	ko:K02916	Ribosomal_L35p
GCA_009785095.1_ASM978509v1_00124	1,572	L	dnaB	ko:K02314	DnaB,DnaB_C
GCA_016283505.1_ASM1628350v1_00426	1,572	F	-	ko:K00940	NDK
GCA_022841445.1_ASM2284144v1_00357	1,563	K	sigA	ko:K03086	Sigma70_r1_1,Sigma70_r1_2,Sigma70_r2,Sigma70_r3,Sigma70_r4
SZAXPI018357-22_RA_saliva.metaspades.bin.71_00144	1,554	J	serS	ko:K01875	Seryl_tRNA_N,tRNA-synt_2b
GCA_017533605.1_ASM1753360v1_00018	1,553	J	rpmG	ko:K02913	Ribosomal_L33
RSZYD18187116_A_saliva.metaspades.bin.9_00319	1,552	K	rpoC	ko:K03046	RNA_pol_Rpb1_1,RNA_pol_Rpb1_2,RNA_pol_Rpb1_3,RNA_pol_Rpb1_4,RNA_pol_Rpb1_5
GCA_026707815.1_ASM2670781v1_00552	1,540	K	rpoB	ko:K03043	RNA_pol_Rpb2_1,RNA_pol_Rpb2_2,RNA_pol_Rpb2_3,RNA_pol_Rpb2_45,RNA_pol_Rpb2_6,RNA_pol_Rpb2_7
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_00038	1,534	S	-	-	-
RDPYD18300271_A_saliva.metaspades.bin.13_00137	1,522	D	soj	ko:K03496	AAA_31
GCA_017991755.1_ASM1799175v1_00281	1,514	J	lysS	ko:K04567	tRNA-synt_2,tRNA_anti-codon,tRNA_bind
RSZAXPI002653-13_RA_saliva.metaspades.bin.41_00630	1,511	J	ychF	ko:K06942	MMR_HSR1,YchF-GTPase_C
RDPYD18300271_A_saliva.metaspades.bin.13_00563	1,508	O	radA	ko:K04485	AAA_25,ATPase,ChlI,Lon_C
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_00837	1,502	S	-	-	TPR_11,TPR_16,TPR_19
GCA_927910745.1_ERR3827327_bin.3_metaWRAP_v1.1_MAG_00562	1,479	O	clpC	ko:K03696	AAA,AAA_2,ClpB_D2-small,Clp_N,UVR
GCA_016699065.1_ASM1669906v1_00465	1,470	S	rmuC	ko:K09760	RmuC
RDPYD18300036_A_saliva.metaspades.bin.53_00472	1,453	G	eno	ko:K01689	Enolase_C,Enolase_N
GCA_027492535.1_ASM2749253v1_00006	1,448	L	orn	ko:K13288	RNase_T
GCA_016789655.1_ASM1678965v1_00625	1,438	L	ligA	ko:K01972	BRCT,DNA_ligase_OB,DNA_ligase_ZBD,DNA_ligase_aden,HHH_2,HHH_5
RSZYD18187711_A_saliva.metaspades.bin.3_00575	1,438	L	-	-	HTH_28,HTH_Tnp_1
R0170300272_tooth_RAH.megahit.bin.12_00603	1,425	J	pheS	ko:K01889	Phe_tRNA-synt_N,tRNA-synt_2d
RDPYD18189853_A_saliva.metaspades.bin.43_00249	1,424	J	rluB	ko:K06178,ko:K06183	PseudoU_synth_2,S4
RDPYD18097619_A_saliva.metaspades.bin.8_00463	1,400	S	-	-	HHH_3,Radical_SAM
R0170300219_tooth_RA.megahit.bin.79_00758	1,375	E	arcA	ko:K01478	Amidinotransf
GCA_017512085.1_00557	1,363	U	secA	ko:K03070	Helicase_C,SEC-C,SecA_DEAD,SecA_PP_bind,SecA_SW
R0170300266_tooth_RAH.megahit.bin.30_00008	1,363	-	-	-	-
R0170300258_tooth_RAH.megahit.bin.41_00246	1,347	O	htpX	ko:K03799	Peptidase_M48
R0170300241_tooth_RAH.megahit.bin.28_00028	1,337	S	-	-	bPH_2
GCA_002313515.1_ASM231351v1_00644	1,333	J	efp	ko:K02356	EFP,EFP_N,Elong-fact-P_C
GCA_017432225.1_00265	1,330	K	nusB	ko:K03625	NusB
GCA_947303265.1_SRR10912539_bin.36_metaWRAP_v1.3_MAG_00108	1,315	G	-	-	Glyco_transf_4,Glyco_transf_5,Glycos_transf_1
R0170300071_tooth_RA.megahit.bin.81_00038	1,307	S	der	ko:K03977	KH_dom-like,MMR_HSR1
RDPYD18088985_A_saliva.metaspades.bin.11_00576	1,300	S	-	-	DcuC
RSZYD18078212_A_saliva.metaspades.bin.24_00041	1,276	S	obg	ko:K03979	GTP1_OBG,MMR_HSR1
GCA_017515285.1_ASM1751528v1_00635	1,274	F	pyrG	ko:K01937	CTP_synth_N,GATase
GCA_016187125.1_ASM1618712v1_00518	1,257	S	-	ko:K06960	KH_4
GCA_016196105.1_ASM1619610v1_00465	1,253	C	atpA	ko:K02111	ATP-synt_ab,ATP-synt_ab_C,ATP-synt_ab_N
SZAXPI018103-24_RA_dental.metaspades.bin.40_00319	1,251	S	-	ko:K01990	ABC_tran,DUF4162
GCA_905373795.1_SRR9217490-mag-bin.5_00836	1,243	C	atpD	ko:K02112	ATP-synt_ab,ATP-synt_ab_N
RSZAXPI002314-23_RAH_dental.metaspades.bin.51_00624	1,236	J	rplR	ko:K02881	Ribosomal_L18p
GCA_905373795.1_SRR9217490-mag-bin.5_00646	1,233	K	mraZ	ko:K03925	MraZ
GCA_017516075.1_ASM1751607v1_00034	1,219	J	rpsQ	ko:K02961	Ribosomal_S17
GCA_905371595.1_SRR9217384-mag-bin.1_00059	1,214	M	-	-	DUF1727,Mur_ligase_M
SZAXPI018318-20_RA_dental.metaspades.bin.38_00435	1,212	J	trmD	ko:K00554	tRNA_m1G_MT
SZAXPI018092-13_RA_dental.metaspades.bin.61_00229	1,207	G	rpiB	ko:K01808	LacAB_rpiB
YS000376_saliva.spades.bin.26_00330	1,207	G	fba	ko:K01624	F_bP_aldolase
RDPYD18189913_A_saliva.metaspades.bin.17_00238	1,203	O	hspA-1	ko:K13993	HSP20
RSZYD18187345_A_saliva.metaspades.bin.42_00430	1,195	K	greA	ko:K03624	GreA_GreB,GreA_GreB_N
GCA_027311865.1_ASM2731186v1_00429	1,187	H	uppS	ko:K00806	Prenyltransf
RSZAXPI002308-17_RAH_dental.metaspades.bin.14_00532	1,184	K	rpoA	ko:K03040	RNA_pol_A_CTD,RNA_pol_A_bac,RNA_pol_L
GCA_025450135.1_ASM2545013v1_00521	1,181	J	trpS	ko:K01867	tRNA-synt_1b
R0170300060_tooth_RA.megahit.bin.92_00161	1,170	C	mez_1	ko:K00027	Malic_M,malic
R0170300181_tooth_RA.megahit.bin.83_00169	1,167	O	-	-	Band_7
GCA_018060465.1_ASM1806046v1_00021	1,154	M	murC	-	Mur_ligase,Mur_ligase_C,Mur_ligase_M
GCA_002413755.1_ASM241375v1_00800	1,148	J	rpsI	ko:K02996	Ribosomal_S9
GCA_002371235.1_ASM237123v1_00198	1,145	J	alaS	ko:K01872	DHHA1,tRNA-synt_2c,tRNA_SAD
RDPYD18098935_A_saliva.metaspades.bin.23_00319	1,144	J	rplC	ko:K02906	Ribosomal_L3
GCA_016178135.1_ASM1617813v1_00284	1,143	G	-	ko:K00615	Transketolase_N
RSZAXPI002603-21_RA_dental.metaspades.bin.63_00512	1,140	E	glyA	ko:K00600	SHMT
GCA_018001155.1_ASM1800115v1_00771	1,129	J	tyrS	ko:K01866	S4,tRNA-synt_1b
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_00639	1,124	K	-	ko:K10947	PadR
RSZYD18078259_A_saliva.metaspades.bin.16_00103	1,124	G	pyk	ko:K00873	PK,PK_C
SZAXPI018488-20_RA_saliva.metaspades.bin.49_00010	1,100	V	-	ko:K06147	ABC_membrane,ABC_tran
GCA_009691435.1_ASM969143v1_00108	1,093	J	rpsR	ko:K02963	Ribosomal_S18

GCA_947097435.1_SRR8786267_bin.5_metaWRAP_v1.3_MAG_00049	1,088	O	smpB	ko:K03664	SmpB
R0170300305_tooth_RAH.megahit.bin.5_00147	1,085	J	metG	ko:K01874	Anticodon_1,tRNA-synt_1g,tRNA_bind
RSZYD18187169_A_saliva.metaspades.bin.33_00117	1,083	J	gltX	ko:K01885,ko:K09698	tRNA-synt_1c
RSZAXPI002318-27_RAH_dental.metaspades.bin.13_00592	1,074	L	dnaA	ko:K02313	Bac_DnaA,Bac_DnaA_C,DnaA_N
RSZYD18187907_A_saliva.metaspades.bin.32_00101	1,074	L	polA	ko:K02335	5_3_exonuc,5_3_exonuc_N,DNA_pol_A,DNA_pol_A_exo1
GCA_000503915.1_ASM50391v1_00237	1,070	V	-	ko:K01990	ABC_tran
RSZAXPI002629-81_RA_dental.metaspades.bin.76_00285	1,070	J	ksgA	ko:K02528	RrnaAD
RSZYD18187874_A_saliva.metaspades.bin.29_00652	1,063	S	-	ko:K09117	YqeY
R0170300319_tooth_RAH.megahit.bin.124_00812	1,056	L	-	ko:K09747	YbaB_DNA_bd
SZAXPI018172-26_RA_dental.metaspades.bin.32_00650	1,042	D	ftsA	ko:K03590	FtsA,SHS2_FTSA
SZAXPI018171-25_1_RA_dental.metaspades.bin.52_00389	1,038	O	-	-	Glutaredoxin
RSZAXPI002321-33_RAH_dental.metaspades.bin.29_00099	1,037	J	rpmB	ko:K02902	Ribosomal_L28
SZAXPI018285-113_RA_dental.metaspades.bin.57_00829	1,034	D	spoIIIE	ko:K03466	FtsK_4TM,FtsK_SpoIIIE,Ftsk_gamma
GCA_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG_00669	1,032	J	rpmA	ko:K02899	Ribosomal_L27
RSZYD18078736_A_saliva.metaspades.bin.17_00672	1,031	V	-	ko:K02003	ABC_tran
GCA_002404315.1_ASM240431v1_00465	1,031	F	pgk	ko:K00927	PGK
RSZYD18078076_A_saliva.metaspades.bin.41_00212	1,030	F	nrdA	ko:K00525	ATP-cone,Ribonuc_red_lgC,Ribonuc_red_lgN
RDPYD18300059_A_saliva.metaspades.bin.13_00157	1,029	F	gmk	ko:K00942	Guanylate_kin
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG_00044	1,023	K	phoB	ko:K07657	Response_reg,Trans_reg_C
GCA_018060465.1_ASM1806046v1_00419	1,011	L	recJ	ko:K07462	DHH,DHHA1
SZAXPI018406-56_RA_saliva.metaspades.bin.71_00619	1,011	J	trmH	ko:K00556	SpoU_methylase
GCA_947304155.1_SRR10912535_bin.54_metaWRAP_v1.3_MAG_00432	1,007	S	lemA	ko:K03744	LemA
GCA_003022365.1_ASM302236v1_00072	1,003	S	-	-	-
R0170300061_tooth_RA.megahit.bin.113_00227	1,002	C	atpG	ko:K02115	ATP-synt
GCA_002404315.1_ASM240431v1_00773	1,001	GM	rgpC	ko:K01992	ABC2_membrane
GCA_017516075.1_ASM1751607v1_00868	999	K	hrcA	ko:K03705	HrcA,HrcA_DNA-bdg
GCA_002404125.1_ASM240412v1_00386	996	C	-	ko:K00384	Glutaredoxin,Pyr_redox_2
GCA_022819365.1_ASM2281936v1_00168	992	F	folD	ko:K01491	THF_DHG_CYH,THF_DHG_CYH_C
GCA_002413835.1_ASM241383v1_00895	982	J	infC	ko:K02520	IF3_C,IF3_N
GCA_947306055.1_SRR10912535_bin.62_metaWRAP_v1.3_MAG_00097	980	J	rpsF	ko:K02990	Ribosomal_S6
GCA_947306055.1_SRR10912535_bin.62_metaWRAP_v1.3_MAG_00364	977	K	yebC	-	Transcrip_reg
GCA_009785095.1_ASM978509v1_00788	976	J	infB	ko:K02519	GTP_EFTU,IF-2,IF2_N
RSZYD18187261_A_saliva.metaspades.bin.68_00287	971	L	recR	ko:K06187	HHH,RecR,Toprim_4
R0170300062_tooth_RA.megahit.bin.61_00627	969	S	rnj	ko:K12574	Lactamase_B,RMMBL
GCA_002427805.1_ASM242780v1_00612	967	S	mlpA	-	Peptidase_M16,Peptidase_M16_C
RDPYD18300328_A_saliva.metaspades.bin.32_00532	962	C	atpE	ko:K02110	ATP-synt_C
GCA_010202265.1_ASM1020226v1_00587	953	O	-	ko:K04069	Fer4_12,Fer4_14,Radical_SAM
GCA_016700355.1_ASM1670035v1_00113	952	T	phoB	ko:K07657	Response_reg,Trans_reg_C
GCA_027492635.1_ASM2749263v1_00568	951	O	comM	ko:K06400,ko:K07391	ChlI,Mg_chelatase,Mg_chelatase_C
RSZYD18078104_A_saliva.metaspades.bin.107_00356	951	F	rimK	ko:K05844	RimK,Zn_protease
R0170300203_tooth_RA.megahit.bin.94_00092	946	F	nrdD	ko:K21636	ATP-cone,Glutaredoxin,NRDD
SZAXPI018286-123_RA_dental.metaspades.bin.45_00019	943	F	tmk	ko:K00943	Thymidylate_kin
GCA_009785095.1_ASM978509v1_00136	942	J	rplV	ko:K02890	Ribosomal_L22
RSZYD18187823_A_saliva.metaspades.bin.19_00356	942	S	-	ko:K09799	DUF475
GCA_946890805.1_SRR12830918_bin.6_metaWRAP_v1.3_MAG_00186	934	J	thrS	ko:K01868	HGTP_anticodon,tRNA-synt_2b,tRNA_SAD
GCA_007845265.1_ASM784526v1_00527	931	C	atpB	ko:K02108	ATP-synt_A
GCA_013333625.2_ASM1333362v2_00435	920	S	-	ko:K08972	Phage_holin_4_2
R0170300198_tooth_RA.megahit.bin.28_00361	918	M	mscL	ko:K03282	MscL
GCA_016196195.1_ASM1619619v1_00546	904	J	rpsP	ko:K02959	Ribosomal_S16
GCA_904425485.1_PRJEB35131-2_00793	891	O	groS	ko:K04078	Cpn10
GCA_016699935.1_ASM1669993v1_00038	889	J	tgt	ko:K00773	TGT
R0170300119_tooth_RA.megahit.bin.12_00036	885	G	-	ko:K07405	Glyco_hydro_57
RSZYD18187801_A_saliva.metaspades.bin.75_00147	880	M	galE	ko:K01784	Epimerase,GDP_Man_Dehyd
GCA_027340655.1_ASM2734065v1_00438	878	J	proS	ko:K01881	HGTP_anticodon,tRNA-synt_2b,tRNA_edit
GCA_004100265.1_ASM410026v1_00138	872	M	murE	ko:K01928	Mur_ligase,Mur_ligase_C,Mur_ligase_M
GCA_013099015.1_ASM1309901v1_00790	871	K	hrcA	ko:K03705	HrcA,HrcA_DNA-bdg
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_00541	852	LU	dprA	ko:K04096	DNA_processg_A
GCA_020428525.1_ASM2042852v1_00346	849	J	rplQ	ko:K02879	Ribosomal_L17
GCA_013099015.1_ASM1309901v1_00401	849	P	ctpE	ko:K12952	E1-E2_ATPase,Hydrolase
GCA_027311865.1_ASM2731186v1_00104	837	D	soj	ko:K03496	AAA_31
GCA_947246665.1_SRR14920969_bin.19_metawrap_v1.3_MAG_00005	833	J	leuS	ko:K01869	Anticodon_1,tRNA-synt_1,tRNA-synt_1_2
R0170300092_tooth_RA.megahit.bin.51_00432	814	S	-	-	Lactamase_B_3
GCA_012965045.1_ASM1296504v1_00630	807	NU	epsE	ko:K02454,ko:K02652	T2SSE,T2SSE_N
GCA_009787015.1_ASM978701v1_00448	803	G	-	ko:K00615	Transket_pyr,Transketolase_C
GCA_002441145.1_ASM244114v1_00235	798	T	-	-	Hydrolase_3,PMM
SZAXPI018280-95_RA_dental.metaspades.bin.36_00272	796	D	tig	ko:K03545	FKBP_C,Rho_N,Trigger_C,Trigger_N
GCA_017404515.1_00489	792	J	gatA	ko:K02433	Amidase
SZAXPI018284-111_RA_dental.metaspades.bin.3_00096	792	J	gltX	ko:K01885	tRNA-synt_1c
GCA_009787015.1_ASM978701v1_00493	785	O	dnaJ	ko:K03686	DnaJ,DnaJ_C,DnaJ_CXXCXGXG
RSZAXPI002323-35_RAH_dental.metaspades.bin.28_00936	782	S	nrnA	ko:K06881	DHH,DHHA1
R0170300258_tooth_RAH.megahit.bin.41_00934	780	S	yerB	-	DUF3048,DUF3048_C
R0170300252_tooth_RAH.megahit.bin.91_00245	772	J	-	ko:K06442	FtsJ,S4
GCA_001897295.1_ASM189729v1_00656	764	J	def	ko:K01462	Pep_deformylase
GCA_016700015.1_ASM1670001v1_00585	761	L	xth	ko:K01142	Exo_endo_phos
R0170300062_tooth_RA.megahit.bin.52_00107	760	V	-	ko:K06147,ko:K12531	ABC_membrane,ABC_tran
RSZYD18078343_A_saliva.metaspades.bin.34_00005	755	M	murA	ko:K00790	EPSP_synthase,HTH_3

RSZAXPI002316-25_RAH_dental.metaspades.bin.26_00063	736	L	xth	ko:K01142	Exo_endo_phos
RSZYD18078259_A_saliva.metaspades.bin.22_00237	735	K	rpoA	ko:K03040	RNA_pol_A_CTD,RNA_pol_A_bac,RNA_pol_L
GCA_022842995.1_ASM2284299v1_00433	731	K	-	ko:K07665	Response_reg,Trans_reg_C
GCA_002427805.1_ASM242780v1_00018	729	L	sbcB	ko:K01141	Exonuc_X-T_C,RNase_T
RDPYD18189879_A_saliva.metaspades.bin.66_00335	727	S	cobQ2	ko:K07009	GATase_3
GCA_002304695.1_ASM230469v1_00215	722	S	-	-	Peptidase_M16,Peptidase_M16_C
GCA_017512085.1_00612	719	K	nusA	ko:K02600	KH_5,NusA_N,S1
R0170300100_tooth_RA.megahit.bin.107_00534	719	FG	hit	-	HIT
GCA_946548715.1_SRR1222429_bin.13_metaWRAP_v1.3_MAG_00407	718	J	gatA	ko:K02433	Amidase
GCA_017516075.1_ASM1751607v1_00027	717	J	rplC	ko:K02906	Ribosomal_L3
GCA_016187125.1_ASM1618712v1_00766	705	L	-	ko:K21929	UDG
GCA_003164595.1_20120700_S1D_00918	703	S	trpF	ko:K09767	DUF520
GCA_002441585.1_ASM244158v1_00637	700	G	pykF	ko:K00873	PEP-utilizers,PK,PK_C
GCA_026707815.1_ASM2670781v1_00588	688	J	rplQ	ko:K02879	Ribosomal_L17
GCA_027426875.1_ASM2742687v1_00618	682	M	rfbA	ko:K00973	NTP_transferase
GCA_017406595.1_00476	680	J	dus	-	Dus
GCA_943354985.1_Jr-19feb18-57_00370	676	J	rpsR	ko:K02963	Ribosomal_S18
R0170300197_tooth_RA.megahit.bin.71_00097	675	O	yeaZ	ko:K14742	Peptidase_M22
GCA_027351585.1_ASM2735158v1_00142	669	J	rpsI	ko:K02996	Ribosomal_S9
SZAXPI018178-34_RA_dental.metaspades.bin.52_00627	666	J	hisS	ko:K01892	HGTP_anticodon,tRNA-synt_His
GCA_025924835.1_ASM2592483v1_00107	661	K	nusA	ko:K02600	KH_5,NusA_N,S1
RSZAXPI002314-23_RAH_dental.metaspades.bin.46_00184	655	G	-	ko:K07405	Glyco_hydro_57
GCA_001790515.1_ASM179051v1_00194	648	J	truB	ko:K03177	TruB_C_2,TruB_N
GCA_027366415.1_ASM2736641v1_00161	647	J	thrS	ko:K01868	HGTP_anticodon,tRNA-synt_2b,tRNA_SAD
GCA_026395375.1_ASM2639537v1_00777	645	U	secA	ko:K03070	SEC-C,SecA_DEAD,SecA_PP_bind,SecA_SW
GCA_023257815.1_ASM2325781v1_00659	634	L	-	-	PIF1
GCA_027366415.1_ASM2736641v1_00891	629	J	efp	ko:K02356	EFP,EFP_N,Elong-fact-P_C
GCA_003508055.1_ASM350805v1_01085	623	L	radC	ko:K03630	RadC
GCA_017992295.1_ASM1799229v1_00668	621	J	rplR	ko:K02881	Ribosomal_L18p
GCA_947303945.1_SRR10912540_bin.27_metaWRAP_v1.3_MAG_01045	615	O	-	ko:K03696	AAA,AAA_2,ClpB_D2-small,Clp_N,UVR
R0170300181_tooth_RA.megahit.bin.83_00512	610	M	rfbB	ko:K01710	GDP_Man_Dehyd
GCA_009785095.1_ASM978509v1_00014	609	J	tsaD	ko:K01409	Peptidase_M22
RDPYD18300059_A_saliva.metaspades.bin.13_00688	603	U	-	ko:K03217	60KD_IMP
GCA_007845485.1_ASM784548v1_00909	598	S	-	ko:K06158	ABC_tran,ABC_tran_CTD,ABC_tran_Xtn
GCA_025349965.1_ASM2534996v1_00386	591	J	rplV	ko:K02890	Ribosomal_L22
GCA_009783235.1_ASM978323v1_00613	590	J	rplO	ko:K02876	Ribosomal_L27A
GCA_015999875.1_ASM1599987v1_00449	581	C	atpC	ko:K02114	ATP-synt_DE,ATP-synt_DE_N
GCA_009787245.1_ASM978724v1_00532	563	L	priA	ko:K04066	DEAD,Helicase_C,ResIII
GCA_017512045.1_00297	561	H	coaE	ko:K00859,ko:K05378	CoaE
GCA_017515205.1_ASM1751520v1_00649	560	L	xseA	ko:K03601	Exonuc_VII_L,tRNA_anti_2
GCA_947364605.1_SRR16350204_bin.1_metawrap_v1.3_MAG_00362	559	H	coaE	ko:K00859,ko:K05378	CoaE
GCA_017515105.1_ASM1751510v1_00126	556	S	rnj	ko:K12574	Lactamase_B,RMMBL
GCA_002404125.1_ASM240412v1_00571	544	L	fpg	ko:K10563	Fapy_DNA_glyco,H2TH,zf-FPG_IleRS
GCA_017432705.1_00360	543	L	-	ko:K03111	SSB
GCA_904425485.1_PRJEB35131-2_00717	541	J	miaA	ko:K00791	IPPT
R0170300223_tooth_RA.megahit.bin.80_00533	529	J	gatC	ko:K02435	Glu-tRNAGln
R0170300282_tooth_RAH.megahit.bin.3_00662	528	L	-	-	UDG
RSZAXPI002636-95_RA_dental.metaspades.bin.34_00380	524	L	-	ko:K09747	YbaB_DNA_bd
RSZYD18078100_A_saliva.metaspades.bin.89_00571	503	J	rlmH	ko:K00783	SPOUT_MTase
R0170300211_tooth_RA.megahit.bin.13_00563	493	M	-	ko:K00963	NTP_transferase
GCA_947364965.1_SRR16350202_bin.8_metawrap_v1.3_MAG_00016	492	S	-	-	PMM
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_00236	492	NU	pilM	ko:K02662	PilM_2
GCA_016196105.1_ASM1619610v1_00323	491	S	jag	ko:K06346	Jag_N,KH_4,R3H
R0170300229_tooth_RA.megahit.bin.48_00577	484	S	-	ko:K06346	Jag_N,KH_4,R3H
R0170300325_tooth_RA.megahit.bin.68_00862	477	M	-	-	Glyco_transf_4,Glycos_transf_1
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_00407	474	J	gatC	ko:K02435	Glu-tRNAGln
GCA_009785095.1_ASM978509v1_00094	468	C	atpC	ko:K02114	ATP-synt_DE,ATP-synt_DE_N
GCA_018001155.1_ASM1800115v1_00275	457	O	radA	ko:K04485	AAA_25,ATPase,ChlI,Lon_C
GCA_017404685.1_00168	453	O	trxA2	-	Thioredoxin
R0170300239_tooth_RAH.megahit.bin.85_00040	452	J	tyrS	ko:K01866	S4,tRNA-synt_1b
GCA_946480535.1_SRR14536364_bin.32_metawrap_v1.3.0_MAG_00838	448	M	-	-	Bac_transf,CoA_binding_3
GCA_027492635.1_ASM2749263v1_00231	446	H	MAT1A	ko:K00789	S-AdoMet_synt_C,S-AdoMet_synt_M,S-AdoMet_synt_N
GCA_017510845.1_00229	437	S	-	ko:K06881	DHH,DHHA1
GCA_943914775.1_Tcv98XDF6C_bin.50.MAG_00246	434	F	tgt	ko:K00773	TGT
RDPYD18189966_A_saliva.metaspades.bin.40_00158	433	L	sbcB	ko:K01141	Exonuc_X-T_C,RNase_T
R0170300325_tooth_RA.megahit.bin.68_00893	431	FG	hinT	ko:K02503	HIT
RSZAXPI002657-17_RA_dental.metaspades.bin.27_00522	428	L	-	ko:K07443	DNA_binding_1
GCA_017433845.1_00435	427	M	glmS	ko:K00820	GATase_6,SIS
GCA_002323055.1_ASM232305v1_00424	426	J	trpS	ko:K01867	tRNA-synt_1b
GCA_904425485.1_PRJEB35131-2_00013	424	GM	-	ko:K01990	ABC_tran,Wzt_C
GCA_017405225.1_00570	416	J	rplO	ko:K02876	Ribosomal_L27A
R0170300223_tooth_RA.megahit.bin.44_00362	416	K	sigA	ko:K03086	Sigma70_r1_1,Sigma70_r1_2,Sigma70_r2,Sigma70_r3,Sigma70_r4
GCA_947368805.1_SRR15431190_bin.13_metawrap_v1.3_MAG_00141	410	J	rplV	ko:K02890	Ribosomal_L22
GCA_024635495.1_ASM2463549v1_00092	409	HJ	rimK	ko:K05844,ko:K14940	RimK,Zn_protease
GCA_017510845.1_00329	408	V	-	ko:K02003	ABC_tran
RSZYD18187492_A_saliva.metaspades.bin.15_00077	406	L	ung	ko:K03648	UDG

GCA_002699225.1_ASM269922v1_00164	405	J	ctc	ko:K02897	Ribosomal_L25p,Ribosomal_TL5_C
SZAXPI018092-13_RA_dental.metaspades.bin.61_00015	404	S	-	-	Peptidase_M50
GCA_016187125.1_ASM1618712v1_00457	402	L	-	ko:K07478	AAA,AAA_assoc_2,MgsA_C
GCA_017512085.1_00192	398	O	groS	ko:K04078	Cpn10
GCA_009778675.1_ASM977867v1_00212	398	S	-	ko:K06881	DHH,DHHA1
GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG_00313	395	V	-	-	FemAB
GCA_017651125.1_ASM1765112v1_00219	387	J	infC	ko:K02520	IF3_C,IF3_N
GCA_017510205.1_00144	386	J	cysS	ko:K01883	DALR_2,tRNA-synt_1e
GCA_003523165.1_ASM352316v1_00863	380	M	rseP	ko:K04771,ko:K11749,ko:K16922	PDZ,PDZ_2,Peptidase_M50
RSZYD18078756_A_saliva.metaspades.bin.24_00627	373	L	topA	ko:K03168	Topoisom_bac,Toprim,Toprim_C_rpt
R0170300078_tooth_RA.megahit.bin.29_00402	371	V	-	ko:K06147,ko:K12531	ABC_membrane,ABC_tran
R0170300287_tooth_RAH.megahit.bin.57_00700	361	S	lemA	ko:K03744	LemA
R0170300160_tooth_RA.megahit.bin.83_00581	357	M	ydiB	ko:K06925	TsaE
GCA_002344715.1_ASM234471v1_00996	357	J	rplC	ko:K02906	Ribosomal_L3
GCA_019352195.1_ASM1935219v1_01114	356	K	nrdR	ko:K07738	ATP-cone
GCA_947429355.1_SRR19981115_bin.23_metawrap_v1.3_MAG_00026	355	U	-	-	AAA_10,DUF87,PrgI
R0170300198_tooth_RA.megahit.bin.28_00098	351	S	-	ko:K21600	Trns_repr_metal
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG_00482	350	L	xth	ko:K01142	Exo_endo_phos
GCA_946222005.1_ZZEVbxAAOO_bin.25.MAG_00954	350	S	-	-	ABC_tran,ABC_tran_CTD,ABC_tran_Xtn
GCA_017459705.1_00440	348	J	rpmH	ko:K02914	Ribosomal_L34
GCA_009776375.1_ASM977637v1_00587	347	J	rplD	ko:K02926	Ribosomal_L4
SZAXPI018287-129_RA_dental.metaspades.bin.24_00823	347	J	-	-	SpoU_methylase
GCA_017516075.1_ASM1751607v1_00354	341	J	trmD	ko:K00554	Methyltrn_RNA_4,tRNA_m1G_MT
GCA_025349965.1_ASM2534996v1_00723	340	J	infC	ko:K02520	IF3_C,IF3_N
GCA_946407955.1_SRR12081294_bin.80_metaWRAP_v1.3_MAG_00483	336	J	rpmB	ko:K02902	Ribosomal_L28
GCA_016283505.1_ASM1628350v1_00554	332	M	galE	ko:K01784	Epimerase,GDP_Man_Dehyd
GCA_018062785.1_ASM1806278v1_00384	324	K	rpoC	ko:K03046	RNA_pol_Rpb1_1,RNA_pol_Rpb1_2,RNA_pol_Rpb1_3,RNA_pol_Rpb1_4,RNA_pol_Rpb1_5
R0170300298_tooth_RAH.megahit.bin.126_00041	322	-	-	-	-
GCA_905373835.1_SRR9217492-mag-bin.7_00176	319	M	murE	ko:K01928	Mur_ligase,Mur_ligase_C,Mur_ligase_M
GCA_009783305.1_ASM978330v1_00191	317	K	nusB	ko:K03625	NusB
GCA_947425995.1_SRR19981123_bin.1_metawrap_v1.3_MAG_00392	316	H	coaE	ko:K00859,ko:K05378	CoaE
GCA_017432365.1_00508	314	E	-	ko:K04487	Aminotran_5
GCA_027365555.1_ASM2736555v1_00457	313	C	-	ko:K00384	Glutaredoxin,Pyr_redox_2
GCA_013289705.1_ASM1328970v1_01058	311	J	lysS	ko:K04567	tRNA-synt_2,tRNA_anti-codon,tRNA_bind
RSZYD18187458_A_saliva.metaspades.bin.36_00586	309	J	trpS	ko:K01867	tRNA-synt_1b
SZAXPI018406-56_RA_saliva.metaspades.bin.71_00434	305	J	rplX	ko:K02895	KOW,ribosomal_L24
GCA_027492735.1_ASM2749273v1_00249	302	J	argS	ko:K01887	Arg_tRNA_synt_N,DALR_1,tRNA-synt_1d
GCA_002404195.1_ASM240419v1_00392	302	NU	-	ko:K02653	T2SSF
GCA_027428095.1_ASM2742809v1_00456	301	M	-	ko:K00963	NTP_transferase
GCA_019352195.1_ASM1935219v1_00293	300	S	-	-	-
SZAXPI018273-75_RA_dental.metaspades.bin.34_00249	299	O	-	ko:K04771	PDZ_2,Trypsin_2
GCA_017509895.1_00092	298	V	-	ko:K01187,ko:K21574	GH97_C,GH97_N,Glyco_hydro_97
GCA_947426085.1_SRR18439536_bin.4_metawrap_v1.3_MAG_00414	294	O	-	ko:K08070	PDZ_2,Trypsin_2
GCA_002322785.1_ASM232278v1_00582	294	L	ruvC	ko:K01159	RuvC
GCA_023253175.1_ASM2325317v1_00342	293	L	-	ko:K09747	YbaB_DNA_bd
GCA_027427715.1_ASM2742771v1_00314	293	J	serS	ko:K01875	Seryl_tRNA_N,tRNA-synt_2b
R0170300254_tooth_RAH.megahit.bin.128_00872	293	F	eno	ko:K01689	Enolase_C,Enolase_N
RSZAXPI002471-106_2_RAH_saliva.metaspades.bin.25_00221	290	J	rsuA	ko:K06178,ko:K06182,ko:K06183	PseudoU_synth_2,S4
GCA_017405225.1_00185	288	V	uppP	ko:K06153	BacA
GCA_904425485.1_PRJEB35131-2_00012	282	M	csbB	ko:K20534	Glycos_transf_2
GCA_017510025.1_00223	278	M	-	-	-
GCA_027459325.1_ASM2745932v1_00076	271	J	pheS	ko:K01889	Phe_tRNA-synt_N,tRNA-synt_2d
GCA_001790535.1_ASM179053v1_00210	270	J	rpsH	ko:K02994	Ribosomal_S8
SZAXPI018316-18_RA_dental.metaspades.bin.5_00354	270	J	ychF	ko:K06942	MMR_HSR1,YchF-GTPase_C
GCA_004136275.1_ASM413627v1_00019	269	S	rnj	ko:K12574	Lactamase_B,RMMBL
GCA_009776375.1_ASM977637v1_00595	260	J	rpsQ	ko:K02961	Ribosomal_S17
GCA_003962975.1_ASM396297v1_00485	255	-	-	-	-
GCA_001003725.1_ASM100372v1_00806	254	S	yqjA	ko:K03975	SNARE_assoc
GCA_016700395.1_ASM1670039v1_00035	247	G	-	ko:K01194	Trehalase
GCA_009776375.1_ASM977637v1_00018	239	O	clpC	ko:K03696	AAA,AAA_2,ClpB_D2-small,Clp_N,UVR
RSZAXPI002675-22_RA_dental.metaspades.bin.45_00149	234	S	-	-	Fic
R0170300083_tooth_RA.megahit.bin.110_00391	233	J	ileS	ko:K01870	Anticodon_1,tRNA-synt_1,zf-FPG_IleRS
RSZAXPI002330-47_RAH_dental.metaspades.bin.66_00426	231	J	def	ko:K01462	Pep_deformylase
R0170300155_tooth_RA.megahit.bin.58_00002	231	S	-	-	Peptidase_M50
GCA_003246575.1_ASM324657v1_00302	229	NU	pilM	ko:K02662	PilM_2
YS000131_saliva.spades.bin.17_00326	228	J	rpmB	ko:K02902	Ribosomal_L28
GCA_009778675.1_ASM977867v1_00605	226	S	-	ko:K06960	KH_4
GCA_934725355.1_ERR7738173_bin.40_00526	220	J	pheS	ko:K01889	Phe_tRNA-synt_N,tRNA-synt_2d
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_00070	219	M	-	-	-
RSZAXPI002313-22_RAH_dental.metaspades.bin.87_00228	219	J	valS	ko:K01873	Anticodon_1,Val_tRNA-synt_C,tRNA-synt_1
GCA_016187175.1_ASM1618717v1_00218	219	S	jag	ko:K06346	KH_4,R3H
GCA_001790515.1_ASM179051v1_01049	217	M	murF	ko:K01929	Mur_ligase,Mur_ligase_C,Mur_ligase_M
GCA_002331045.1_ASM233104v1_00508	217	S	-	ko:K07146	Rhodanese,Rhodanese_C
GCA_017512225.1_00371	215	M	mrcB	ko:K05365	Transgly,Transpeptidase,UB2H
GCA_947306835.1_SRR10912542_bin.23_metaWRAP_v1.3_MAG_00244	214	T	-	-	Fe_hyd_lg_C,HATPase_c,HisKA,Response_reg
GCA_947306055.1_SRR10912535_bin.62_metaWRAP_v1.3_MAG_00131	212	J	map	ko:K01265	Peptidase_M24

GCA_017651125.1_ASM1765112v1_00202	211	U	-	-	AAA_10,DUF87,PrgI
R0170300079_tooth_RA.megahit.bin.64_00249	211	M	-	-	-
GCA_943354985.1_Jr-19feb18-57_00474	207	M	rfbD	ko:K00067,ko:K01790	RmlD_sub_bind,dTDP_sugar_isom
GCA_017459845.1_00148	201	J	tyrS	ko:K01866	S4,tRNA-synt_1b
GCA_017432425.1_00181	194	L	-	-	DUF1524,Excalibur
GCA_017432705.1_00330	194	J	gatB	ko:K02434	GatB_N,GatB_Yqey
GCA_020428315.1_ASM2042831v1_00553	188	S	lemA	ko:K03744	LemA
GCA_009992235.1_ASM999223v1_00264	187	M	murE	ko:K01928,ko:K15792	Mur_ligase,Mur_ligase_C,Mur_ligase_M
R0170300260_tooth_RAH.megahit.bin.16_00131	185	V	-	ko:K02003	ABC_tran
GCA_003246575.1_ASM324657v1_00088	182	O	-	ko:K13993	HSP20
SZAXPI018315-17_RA_dental.metaspades.bin.58_00404	178	-	-	-	-
YS000721_saliva.spades.bin.7_00533	173	J	ksgA	ko:K02528	RrnaAD
GCA_017404725.1_00166	172	O	comM	ko:K07391	ChlI,Mg_chelatase,Mg_chelatase_C
GCA_016178135.1_ASM1617813v1_00562	171	D	xerC	ko:K03733	Phage_int_SAM_1,Phage_integrase
GCA_017652765.1_ASM1765276v1_00613	167	L	-	ko:K03111	SSB
GCA_017418275.1_00196	166	U	lepB	ko:K03100	Peptidase_S24
R0170300071_tooth_RA.megahit.bin.81_00775	165	K	greA	ko:K03624	GreA_GreB,GreA_GreB_N
SZAXPI018184-41_RA_dental.metaspades.bin.37_00570	165	L	-	-	UPF0020
GCA_009783235.1_ASM978323v1_00486	165	S	cobQ2	ko:K07009	GATase_3
GCA_003962975.1_ASM396297v1_00220	159	J	proS	ko:K01881	HGTP_anticodon,ProRS-C_1,tRNA-synt_2b,tRNA_edit
GCA_905372225.1_SRR9217401-mag-bin.8_00166	159	S	-	ko:K06881	DHH,DHHA1
GCA_007120515.1_ASM712051v1_00398	157	S	-	-	Peptidase_M50
GCA_013333515.2_ASM1333351v2_00458	155	J	truB	ko:K03177	TruB_C_2,TruB_N
GCA_017515105.1_ASM1751510v1_00334	155	S	yvdD_2	ko:K06966	Lysine_decarbox
SZAXPI018317-19_RA_dental.metaspades.bin.31_00097	151	O	htpX	ko:K03799	Peptidase_M48
GCA_017460165.1_00144	150	L	-	-	PIF1
GCA_014377525.1_ASM1437752v1_00169	150	S	der	ko:K03977	KH_dom-like,MMR_HSR1
GCA_946478995.1_SRR15094062_bin.6_metawrap_v1.3.0_MAG_00498	148	G	-	-	XFP,XFP_C
GCA_002313515.1_ASM231351v1_00675	143	K	-	-	-
GCA_027315225.1_ASM2731522v1_00962	143	K	rpoB	ko:K03043	RNA_pol_Rpb2_1,RNA_pol_Rpb2_2,RNA_pol_Rpb2_3,RNA_pol_Rpb2_45,RNA_pol_Rpb2_6,RNA_pol_Rpb2_7
GCA_017460165.1_00022	142	L	-	ko:K03111	SSB
GCA_003516025.1_ASM351602v1_00704	142	C	atpE	ko:K02110	ATP-synt_C
GCA_943350085.1_RH-15aug16-19_00217	140	J	trmD	ko:K00554	tRNA_m1G_MT
GCA_013333515.2_ASM1333351v2_00178	133	F	-	-	NUDIX
SZAXPI018291-142_RA_dental.metaspades.bin.37_00475	132	O	-	ko:K07391	ChlI,Mg_chelatase,Mg_chelatase_C
GCA_946890795.1_SRR12830924_bin.6_metaWRAP_v1.3_MAG_00323	132	L	xseA	ko:K03601,ko:K03797	Exonuc_VII_L,tRNA_anti_2
RSZAXPI002604-26_RA_dental.metaspades.bin.30_00628	132	J	rplO	ko:K02876	Ribosomal_L27A
GCA_009776375.1_ASM977637v1_00702	131	J	cysS	ko:K01883	DALR_2,tRNA-synt_1e
GCA_026395405.1_ASM2639540v1_00267	129	E	arcD	ko:K03758	AA_permease_2
GCA_017509895.1_00506	128	J	rpsF	ko:K02990	Ribosomal_S6
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG_00602	126	M	mscL	ko:K03282	MscL
GCA_934725355.1_ERR7738173_bin.40_00215	125	M	ftsI	ko:K03587,ko:K08384	PASTA,PBP_dimer,Transpeptidase
GCA_017421325.1_00368	124	J	rsmH	ko:K03438	Methyltransf_5
GCA_017510205.1_00499	124	S	obg	ko:K03979	GTP1_OBG,MMR_HSR1
R0170300253_tooth_RAH.megahit.bin.35_00705	122	J	infA	ko:K02518	eIF-1a
RSZAXPI002315-24_RAH_dental.metaspades.bin.39_00015	121	L	MA20_36560	-	NYN
GCA_016699895.1_ASM1669989v1_00642	118	L	-	ko:K08316	Cons_hypoth95
GCA_009787015.1_ASM978701v1_00664	118	E	-	ko:K04487	Aminotran_5
GCA_001790435.1_ASM179043v1_00040	115	T	phoR	ko:K07636	HAMP,HATPase_c,HisKA,PAS,PAS_4,PAS_8,sCache_like
RSZYD18078325_A_saliva.metaspades.bin.95_00001	110	S	-	-	-
GCA_002839415.1_ASM283941v1_00211	97	M	ctpA	ko:K03797	PDZ,PDZ_2,PG_binding_1,Peptidase_S41
GCA_017613135.1_ASM1761313v1_00416	95	J	truB	ko:K03177	TruB-C_2,TruB_C_2,TruB_N
GCA_001790515.1_ASM179051v1_01235	93	L	mutY	ko:K03575	EndIII_4Fe-2S,HhH-GPD,NUDIX_4
GCA_025924835.1_ASM2592483v1_00297	93	J	lysS	ko:K04567	tRNA-synt_2,tRNA_anti-codon,tRNA_bind
SZAXPI018287-129_RA_dental.metaspades.bin.24_00267	92	G	gpmA	ko:K01834	His_Phos_1
GCA_013334475.1_ASM1333447v1_00551	91	F	dut	ko:K01520	dUTPase
GCA_027356525.1_ASM2735652v1_00525	90	J	rpmH	ko:K02914	Ribosomal_L34
GCA_002441145.1_ASM244114v1_00124	89	J	-	ko:K07447	RuvX
GCA_017515285.1_ASM1751528v1_00865	88	M	-	-	Glyco_transf_4,Glycos_transf_1
RSZAXPI002627-75_RA_dental.metaspades.bin.25_00739	88	S	recX	ko:K03565	RecX
RSZAXPI002326-41_RAH_dental.metaspades.bin.24_00483	86	J	gltX	ko:K01885,ko:K09698	tRNA-synt_1c
SZAXPI018178-34_RA_dental.metaspades.bin.62_00516	86	L	xseA	ko:K03601,ko:K03797	Exonuc_VII_L,tRNA_anti_2
GCA_017509895.1_00637	80	G	RPE1	ko:K01783	Ribul_P_3_epim
GCA_025349965.1_ASM2534996v1_00336	75	NU	-	ko:K02454	T2SSE,T2SSE_N
GCA_009785095.1_ASM978509v1_00288	73	J	rpsP	ko:K02959	Ribosomal_S16
R0170300311_tooth_RAH.megahit.bin.11_00424	70	V	-	ko:K02003,ko:K02004	ABC_tran,FtsX
GCA_004100325.1_ASM410032v1_00483	70	K	greA	ko:K03624	GreA_GreB,GreA_GreB_N
GCA_002343645.1_ASM234364v1_00219	67	J	-	-	SpoU_methylase
SZAXPI018317-19_RA_dental.metaspades.bin.69_00096	60	D	ftsW	ko:K03588	FTSW_RODA_SPOVE
GCA_009785095.1_ASM978509v1_00723	60	J	ychF	ko:K06942	MMR_HSR1,YchF-GTPase_C
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG_00668	59	V	macB	ko:K02003	ABC_tran
GCA_017512225.1_00108	50	J	rpsE	ko:K02988	Ribosomal_S5,Ribosomal_S5_C
GCA_010014525.1_ASM1001452v1_00374	49	GM	-	ko:K01990	ABC_tran,Wzt_C
GCA_016283505.1_ASM1628350v1_00168	48	S	ybhK	-	UPF0052
GCA_009778675.1_ASM977867v1_00515	46	J	gatA	ko:K02433	Amidase
RSZAXPI002311-20_RAH_dental.metaspades.bin.31_00835	41	S	MA20_36560	-	NYN

R0170300223_tooth_RA.megahit.bin.44_00035	37	H	-	ko:K00558	DNA_methylase
GCA_947304825.1_SRR10912542_bin.28_metaWRAP_v1.3_MAG_00274	34	J	glyS	ko:K01880	HGTP_anticodon,tRNA-synt_2b
GCA_017406775.1_00663	33	O	-	-	Bro-N
GCA_017432025.1_00591	31	M	-	ko:K17716	Polysacc_syn_2C,Polysacc_synt_2
GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG_00340	29	LU	dprA	ko:K04096	DNA_processg_A
GCA_947253405.1_SRR17635715_bin.15_metaWRAP_v1.3_MAG_00520	27	M	murF	ko:K01929	Mur_ligase,Mur_ligase_C,Mur_ligase_M
GCA_017421325.1_00495	27	J	trmD	ko:K00554	tRNA_m1G_MT
GCA_947304135.1_SRR10912535_bin.47_metaWRAP_v1.3_MAG_00255	24	M	murA	ko:K00790	EPSP_synthase,HTH_3
GCA_027492975.1_ASM2749297v1_00587	23	D	xerD	ko:K04763	Phage_int_SAM_1,Phage_integrase
GCA_946478995.1_SRR15094062_bin.6_metawrap_v1.3.0_MAG_00038	22	E	trpB	ko:K01696,ko:K06001	PALP
GCA_017557805.1_ASM1755780v1_00528	21	M	rfbA	ko:K00973	NTP_transferase
GCA_020428475.1_ASM2042847v1_00615	21	S	jag	ko:K06346	Jag_N,KH_4,R3H
GCA_946411665.1_SRR12081298_bin.32_metaWRAP_v1.3_MAG_00080	18	V	hsdM	ko:K03427	HsdM_N,N6_Mtase
GCA_017480035.1_00498	16	E	-	ko:K02003	ABC_tran
SZAXPI018288-133_RA_dental.metaspades.bin.4_00792	16	H	uppS	ko:K00806	Prenyltransf
GCA_013333595.2_ASM1333359v2_00801	11	F	rimK	ko:K05844	RimK
GCA_947246665.1_SRR14920969_bin.19_metawrap_v1.3_MAG_00740	10	J	rplA	ko:K02863	Ribosomal_L1
GCA_017460165.1_00481	9	S	obg	ko:K03979	DUF1967,GTP1_OBG,MMR_HSR1
GCA_017561575.1_ASM1756157v1_00111	8	C	rbr	-	Rubrerythrin

Supplementary Table 5. Taxonomic annotation for 1,204 bacterial representative clusters

Cluster	GTDB classification					
	Phylum	Class	Order	Family	Genus	Species
SEQF2573	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_dentalis
SEQF2575	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_gerencseriae
SEQF2031	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_graevenitzii
SEQF2705	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_israelii
SEQF1668	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_johnsonii
SEQF2385	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_massiliensis
ODP-AM08-379	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_naeslundii
SEQF3180	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_oris
SEQF2806	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_oris_A
SEQF3095	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_oris_E
SEQF1849	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_sp000195595
SEQF1701	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_sp000220835
SEQF2745	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_sp001278845
SEQF3062	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_sp002999235
SEQF2594	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Actinomyces	Actinomyces_timonensis
ODP-AM08-284	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	ORS-AM08-178
SEQF2739	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	ORS-AM09-26-BH
ODP-AM01-05BB	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	ORT-AF05-232
SEQF2574	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	ORT-AM05-520
SEQF1667	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	ORT-AM08-428
SEQF1388	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_cardiffensis
SEQF3096	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_georgiae
SEQF1647	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_hongkongensis
ORS-AM05-205	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_meyeri
SEQF1948	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_odontolytica
ORS-AM09-18-BH	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_odontolytica_A
ORS-TM06-107	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_odontolytica_C
ORS-AM09-12-BH	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_sp000185285
ORT-AF03-41	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_sp000278725
ORS-AM08-152	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_sp000308055
SEQF1660	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_sp000411415
SEQF2310	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_sp000466265
SEQF2451	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_sp001064145
ORT-AM09-5D6	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_sp001838165
SEQF1853	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Pauljensenia	Pauljensenia_sp902373545
ODP-TM07-296	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Peptidiphaga	Peptidiphaga_gingivicola
ODP-AM05-113	Actinobacteriota	Actinomycetia	Actinomycetales	Actinomycetaceae	Peptidiphaga	Peptidiphaga_sp000466165
SEQF1925	Actinobacteriota	Actinomycetia	Actinomycetales	Bifidobacteriaceae	Alloscardovia	Alloscardovia_omnicolens
ODP-AM05-322	Actinobacteriota	Actinomycetia	Actinomycetales	Bifidobacteriaceae	Bifidobacterium	Bifidobacterium_dentium
ORT-AF05-174	Actinobacteriota	Actinomycetia	Actinomycetales	Bifidobacteriaceae	Scardovia	Scardovia_wiggsiae
ORT-AF06-92	Actinobacteriota	Actinomycetia	Actinomycetales	Microbacteriaceae	Microbacterium	Microbacterium_barkeri
SEQF1724	Actinobacteriota	Actinomycetia	Actinomycetales	Micrococcaceae	Rothia	ODP-AM08-466
ODP-AM05-440	Actinobacteriota	Actinomycetia	Actinomycetales	Micrococcaceae	Rothia	Rothia_aeria
ORS-AM05-475	Actinobacteriota	Actinomycetia	Actinomycetales	Micrococcaceae	Rothia	Rothia_dentocariosa
SEQF1897	Actinobacteriota	Actinomycetia	Actinomycetales	Micrococcaceae	Rothia	Rothia_mucilaginosa
SEQF1648	Actinobacteriota	Actinomycetia	Actinomycetales	Micrococcaceae	Rothia	Rothia_mucilaginosa_A
SEQF3150	Actinobacteriota	Actinomycetia	Actinomycetales	Micrococcaceae	Rothia	Rothia_mucilaginosa_B
SEQF1678	Actinobacteriota	Actinomycetia	Actinomycetales	Micrococcaceae	Rothia	Rothia_sp001808955
SEQF2162	Actinobacteriota	Actinomycetia	Mycobacteriales	Mycobacteriaceae	Corynebacterium	Corynebacterium_accolens
SEQF2191	Actinobacteriota	Actinomycetia	Mycobacteriales	Mycobacteriaceae	Corynebacterium	Corynebacterium_argentoratense
SEQF2583	Actinobacteriota	Actinomycetia	Mycobacteriales	Mycobacteriaceae	Corynebacterium	Corynebacterium_durum
SEQF1084	Actinobacteriota	Actinomycetia	Mycobacteriales	Mycobacteriaceae	Corynebacterium	Corynebacterium_matruchotii
SEQF2780	Actinobacteriota	Actinomycetia	Mycobacteriales	Mycobacteriaceae	Corynebacterium	Corynebacterium_mucifaciens
SEQF1949	Actinobacteriota	Actinomycetia	Propionibacteriales	Propionibacteriaceae	Arachnia	Arachnia_propionica
SEQF1933	Actinobacteriota	Actinomycetia	Propionibacteriales	Propionibacteriaceae	Cutibacterium	Cutibacterium_acnes
SEQF2751	Actinobacteriota	Actinomycetia	Propionibacteriales	Propionibacteriaceae	Cutibacterium	Cutibacterium_namnetense
SEQF1031	Actinobacteriota	Actinomycetia	Propionibacteriales	Propionibacteriaceae	Propionibacterium	Propionibacterium_acidifaciens
SEQF1899	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Lancefieldella	Lancefieldella_parvula
SEQF1646	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Lancefieldella	Lancefieldella_rimae
SEQF3090	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Lancefieldella	Lancefieldella_sp000411555
SEQF1985	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Lancefieldella	Lancefieldella_sp000564995ORS-AM08-79
SEQF2380	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Lancefieldella	Lancefieldella_sp000564995ORT-TM07-90
SEQF2582	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Lancefieldella	Lancefieldella_sp000564995SEQF2726
SEQF1597	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Lancefieldella	ORS-AF04-134
SEQF1671	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Lancefieldella	ORS-TM06-130
SEQF1599	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Lancefieldella	ORT-AF03-190
SEQF1480	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Lancefieldella	ORT-AF05-233
SEQF1477	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Olsenella	Olsenella_profusa
SEQF1677	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Olsenella	Olsenella_sp001189515
SEQF2792	Actinobacteriota	Coriobacteriia	Coriobacteriales	Atopobiaceae	Olsenella	Olsenella_uli
SEQF2753	Actinobacteriota	Coriobacteriia	Coriobacteriales	Eggerthellaceae	Cryptobacterium	Cryptobacterium_curtum
SEQF1852	Actinobacteriota	Coriobacteriia	Coriobacteriales	Eggerthellaceae	Slackia	Slackia_exigua
SEQF3533	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Alloprevotella	Alloprevotella_rava
SEQF3063	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Alloprevotella	Alloprevotella_tannerae
SEQF1617	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	F0040	F0040_sp000318095
SEQF2147	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Phocaeicola	Phocaeicola_abscessus
SEQF1915	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_aurantiaca
SEQF1142	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_baroniae
SEQF1863	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_bivia
SEQF1986	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_buccae
SEQF1893	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_conceptionensis
SEQF1988	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_denticola
SEQF1656	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_enoeca
SEQF1691	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_fusca
SEQF1989	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_histicola
SEQF1935	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_intermedia
SEQF1946	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_jejuni
SEQF2149	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_loescheii
SEQF2922	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_maculosa
SEQF2022	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_marshii
SEQF2687	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_melaninogenica
SEQF1452	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_micans
ODP-AM04-97	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_multiformis
SEQF3074	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_nigrescens
SEQF3072	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_oralis
SEQF3055	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_oris
SEQF1663	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_oulorum
SEQF1451	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_pallens
SEQF1936	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_pleuritidis
SEQF1033	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_saccharolytica
SEQF3206	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_salivae
SEQF1907	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_scopos
SEQF2357	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_seregens
SEQF1072	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_shahii
SEQF3105	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_sp000163055
SEQF3068	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_sp000257925
SEQF1900	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_sp000467895
SEQF1602	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_sp003043925
SEQF1653	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_sp003043945
SEQF2788	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	Prevotella	Prevotella_veroralis
ORS-AM05-380	Bacteroidota	Bacteroidia	Bacteroidales	Paludibacteraceae	F0058	F0058_sp000163695
SEQF3174	Bacteroidota	Bacteroidia	Bacteroidales	Porphyromonadaceae	Porphyromonas	Porphyromonas_catoniae
SEQF1687	Bacteroidota	Bacteroidia	Bacteroidales	Porphyromonadaceae	Porphyromonas	Porphyromonas_endodontalis
SEQF1937	Bacteroidota	Bacteroidia	Bacteroidales	Porphyromonadaceae	Porphyromonas	Porphyromonas_gingivalis
SEQF2319	Bacteroidota	Bacteroidia	Bacteroidales	Porphyromonadaceae	Porphyromonas	Porphyromonas_pasteri
SEQF3059	Bacteroidota	Bacteroidia	Bacteroidales	Porphyromonadaceae	Porphyromonas	Porphyromonas_sp000467855
ODP-AM05-463	Bacteroidota	Bacteroidia	Bacteroidales	Tannerellaceae	Tannerella	Tannerella_forsythia
SEQF2579	Bacteroidota	Bacteroidia	Bacteroidales	Tannerellaceae	Tannerella	Tannerella_sp002890585
SEQF2580	Bacteroidota	Bacteroidia	Bacteroidales	Tannerellaceae	Tannerella	Tannerella_sp003033925
SEQF1177	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_endodontalis
SEQF1178	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_gingivalis
SEQF1575	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_granulosa
SEQF1731	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_haemolytica
SEQF2416	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_leadbetteri
SEQF2476	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_ochracea
SEQF2434	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_sp000192225
SEQF2794	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_sp000318275
ODP-AF03-248	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_sp000466425
ORT-AM01-01TBO	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_sp002999135
ODP-AM09-19-O-BH	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Capnocytophaga	Capnocytophaga_sputigena
ORT-AF10-C15	Campylobacterota	Campylobacteria	Campylobacterales	Campylobacteraceae	Campylobacter_A	Campylobacter_A_concisus_B
ORT-AM01-12O	Campylobacterota	Campylobacteria	Campylobacterales	Campylobacteraceae	Campylobacter_A	Campylobacter_A_concisus_C
SEQF2477	Campylobacterota	Campylobacteria	Campylobacterales	Campylobacteraceae	Campylobacter_A	Campylobacter_A_concisus_T
SEQF1730	Campylobacterota	Campylobacteria	Campylobacterales	Campylobacteraceae	Campylobacter_A	Campylobacter_A_curvus
SEQF1683	Campylobacterota	Campylobacteria	Campylobacterales	Campylobacteraceae	Campylobacter_A	Campylobacter_A_rectus
SEQF1595	Campylobacterota	Campylobacteria	Campylobacterales	Campylobacteraceae	Campylobacter_A	Campylobacter_A_showae
ORS-TM07-79	Campylobacterota	Campylobacteria	Campylobacterales	Campylobacteraceae	Campylobacter_A	Campylobacter_A_showae_A
ORT-AM08-461	Campylobacterota	Campylobacteria	Campylobacterales	Campylobacteraceae	Campylobacter_A	Campylobacter_A_showae_B
ORS-AF10-24-BH	Campylobacterota	Campylobacteria	Campylobacterales	Campylobacteraceae	Campylobacter_B	Campylobacter_B_gracilis
ORS-TM07-40	Desulfobacterota	Desulfovibrionia	Desulfovibrionales	Desulfomicrobiaceae	Desulfomicrobium	Desulfomicrobium_orale
ORS-AF03-140	Firmicutes	Bacilli	Bacillales	Bacillaceae	Bacillus	Bacillus_paralicheniformis
SEQF1262	Firmicutes	Bacilli	Bacillales	Bacillaceae_G	Bacillus_A	Bacillus_A_luti
SEQF2569	Firmicutes	Bacilli	Bacillales	Bacillaceae_G	Bacillus_A	Bacillus_A_mobilis
SEQF1930	Firmicutes	Bacilli	Bacillales	Bacillaceae_G	Bacillus_A	Bacillus_A_tropicus
SEQF1255	Firmicutes	Bacilli	Bacillales	Bacillaceae_H	Priestia	Priestia_megaterium_A
SEQF2558	Firmicutes	Bacilli	Erysipelotrichales	Erysipelatoclostridiacea	Eggerthia	Eggerthia_catenaformis
SEQF2809	Firmicutes	Bacilli	Erysipelotrichales	Erysipelotrichaceae	Bulleidia	Bulleidia_extructa
SEQF1783	Firmicutes	Bacilli	Erysipelotrichales	Erysipelotrichaceae	Bulleidia	Bulleidia_moorei
SEQF1533	Firmicutes	Bacilli	Erysipelotrichales	Erysipelotrichaceae	Bulleidia	ORS-AM05-364
SEQF1259	Firmicutes	Bacilli	Erysipelotrichales	Erysipelotrichaceae	Bulleidia	ORS-AM05-381
ORT-AM08-210	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Abiotrophia	Abiotrophia_defectiva
SEQF1719	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Abiotrophia	Abiotrophia_sp001815865

ORS-TM06-96	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Granulicatella	Granulicatella_adiacensODP-TM07-145
SEQF2520	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Granulicatella	Granulicatella_adiacensSEQF1605
SEQF1066	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Granulicatella	Granulicatella_sp001058355
SEQF2221	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Granulicatella	Granulicatella_sp001071995
SEQF1997	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Granulicatella	ODP-AM08-289
SEQF2589	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Granulicatella	ORS-AF08-3-MRS
SEQF2020	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Granulicatella	ORS-TM06-91
SEQF2397	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Granulicatella	ORS-TM07-255
SEQF2588	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Granulicatella	ORT-AM05-101
SEQF1500	Firmicutes	Bacilli	Lactobacillales	Aerococcaceae	Granulicatella	ORT-TM06-249
SEQF1924	Firmicutes	Bacilli	Lactobacillales	Enterococcaceae	Enterococcus	Enterococcus_faecalis
SEQF2212	Firmicutes	Bacilli	Lactobacillales	Enterococcaceae	Enterococcus_D	Enterococcus_D_casseliflavus
ORT-AM09-10-104	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Lacticaseibacillus	Lacticaseibacillus_paracasei
SEQF2215	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Lacticaseibacillus	Lacticaseibacillus_rhamnosus
SEQF2398	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Lactobacillus	Lactobacillus_crispatus
SEQF2592	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Lactobacillus	Lactobacillus_gasseri
ORS-AM09-22-104	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Lactobacillus	Lactobacillus_paragasseri
ORS-AF03-170	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Ligilactobacillus	Ligilactobacillus_salivarius
ODP-AM09-33-BH	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Limosilactobacillus	Limosilactobacillus_fermentum
SEQF2767	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Limosilactobacillus	Limosilactobacillus_panis
SEQF1999	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Limosilactobacillus	Limosilactobacillus_vaginalis
SEQF1998	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Lactococcus	Lactococcus_garvieae
ODP-AF10-C23	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Lactococcus	Lactococcus_lactis
ORS-AM05-478	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Lactococcus	Lactococcus_lactis_E
ORS-AM09-32-BH	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ODP-AF04-83
SEQF2070	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ODP-AM04-45
SEQF1019	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ODP-AM05-504
SEQF2460	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ODP-AM08-386
SEQF2607	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ODP-AM08-398
SEQF2553	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ODP-AM09-1-1-O-BH
SEQF2004	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ODP-AM09-12-104
ORT-AM01-08MB	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ODP-AM09-14-BH
ORS-AF10-22-BH	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ODP-AM09-20-O-104
SEQF3173	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ODP-TM06-159
ORS-AM09-28-BH	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AF04-142
ORS-TM07-52	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AF04-143
SEQF2400	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AF04-252
SEQF2786	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AF04-42
SEQF1889	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AF08-16-MRS
SEQF1704	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AF10-C12
SEQF1847	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AF10-C15
ORS-AF03-155	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AF10-C20
SEQF2346	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM01-02BB
SEQF2247	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM05-133
ODP-AM05-394	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM05-357
SEQF1070	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM05-481
SEQF2011	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM08-63
SEQF2017	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM09-1-2-O-BH
SEQF2013	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM09-14-O-104
SEQF1367	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM09-15-104
ORS-TM07-39	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM09-1-O-104
SEQF3473	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM09-24-O-104
SEQF1358	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM09-2-O-104
ODP-AM09-19-O-104	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM09-40-O-BH
SEQF2000	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-AM09-45-O-BH
ORT-AF08-35-MRS	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-TM06-113
SEQF2222	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORS-TM07-227
SEQF2344	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AF03-215
SEQF2342	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AF04-16
SEQF1888	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AF08-17
SEQF2905	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AF10-07-O-BH
SEQF2005	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AM04-05
ODP-AF06-108	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AM05-05
ORS-AM09-43-O-BH	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AM05-529
SEQF2009	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AM08-195
ODP-AM09-16-O-BH	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AM08-434
ORS-TM06-36	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AM09-12-O-104
ORT-AM09-21-O-104	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AM09-20-O-104
SEQF3398	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-AM09-9-O-104
ORS-AM09-5-104	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	ORT-TM06-193
SEQF2783	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_anginosus
SEQF2298	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_anginosus_C
SEQF2071	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_australis
SEQF2204	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_constellatus
SEQF1836	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_cristatus
SEQF1324	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_cristatus_B
ORS-AM05-336	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_cristatus_G
SEQF2442	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_gordonii
SEQF1839	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_halitosis
SEQF1993	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_infantarius
SEQF1596	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_infantis
SEQF3057	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_infantis_B
SEQF1672	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_infantis_G
ODP-AM05-456	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_infantis_I
SEQF1881	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_intermedius
SEQF2760	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_mitis_AC
SEQF1478	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_mitis_AI
ORS-AM09-2-104	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_mitis_AW
SEQF1854	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_mitis_AX
SEQF2777	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_mitis_AY
SEQF1603	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_mitis_AZ
SEQF3175	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_mitis_BB
SEQF1045	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_mitis_BG
SEQF2481	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_mitis_O
SEQF3164	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_mutans
SEQF3052	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_oralis_AC
SEQF2789	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_oralis_B
SEQF1695	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_oralis_BA
SEQF2744	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_oralis_BC
SEQF2787	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_oralis_BD
SEQF3053	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_oralis_G
SEQF3171	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_oralis_L
SEQF1018	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_oralis_S
SEQF1912	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_oralis_T
SEQF3179	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_oralis_W
SEQF1921	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_parasanguinis
SEQF1393	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_parasanguinis_B
SEQF1029	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_parasanguinis_C
SEQF1676	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_peroris
SEQF2505	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_pseudopneumoniae_O
SEQF2443	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_pyogenes
SEQF1697	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_ratti
SEQF1914	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_rubneri
SEQF1616	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_salivarius
SEQF1673	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sanguinis
SEQF1958	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sanguinis_AORS-AM01-02MB
SEQF1690	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sanguinis_ASEQF2016
SEQF1890	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sanguinis_C
SEQF1951	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sanguinis_E
SEQF2454	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sanguinis_H
SEQF2805	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sinensis
SEQF2919	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sobrinus
SEQF2446	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp000187445
SEQF1598	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp000187745
SEQF2855	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp000220065
SEQF1103	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp000235485
SEQF1959	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp000314795
SEQF1880	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp001553685
SEQF1685	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp001556435
SEQF1859	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp001587175
ODP-AM09-2D21	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp004166885
SEQF2811	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp013394695
SEQF1159	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp900550895
SEQF2564	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_sp902460355
SEQF1698	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Streptococcus_vestibularis
ODP-AF08-22-MRS	Firmicutes	Bacilli	Mycoplasmatales	Metamycoplasmataceae	Metamycoplasma	Metamycoplasma_orale
SEQF1680	Firmicutes	Bacilli	Mycoplasmatales	Metamycoplasmataceae	Metamycoplasma	Metamycoplasma_salivarium
SEQF2555	Firmicutes	Bacilli	Staphylococcales	Gemellaceae	Gemella	Gemella_bergeri
SEQF2529	Firmicutes	Bacilli	Staphylococcales	Gemellaceae	Gemella	Gemella_haemolysans
SEQF2814	Firmicutes	Bacilli	Staphylococcales	Gemellaceae	Gemella	Gemella_haemolysans_A
SEQF1879	Firmicutes	Bacilli	Staphylococcales	Gemellaceae	Gemella	Gemella_haemolysans_B
SEQF2820	Firmicutes	Bacilli	Staphylococcales	Gemellaceae	Gemella	Gemella_massiliensis
SEQF2670	Firmicutes	Bacilli	Staphylococcales	Gemellaceae	Gemella	Gemella_morbillorum
SEQF1287	Firmicutes	Bacilli	Staphylococcales	Gemellaceae	Gemella	Gemella_sanguinis
SEQF1160	Firmicutes	Bacilli	Staphylococcales	Gemellaceae	Gemella	ODP-TM06-153
SEQF2822	Firmicutes	Bacilli	Staphylococcales	Gemellaceae	Gemella	ORS-AM09-3-104
SEQF2841	Firmicutes	Bacilli	Staphylococcales	Gemellaceae	Gemella	ORT-AF03-76
SEQF2581	Firmicutes	Bacilli	Staphylococcales	Staphylococcaceae	Staphylococcus	Staphylococcus_capitis
SEQF3159	Firmicutes	Bacilli	Staphylococcales	Staphylococcaceae	Staphylococcus	Staphylococcus_caprae
ODP-AM05-423	Firmicutes	Bacilli	Staphylococcales	Staphylococcaceae	Staphylococcus	Staphylococcus_epidermidis
SEQF2501	Firmicutes	Bacilli	Staphylococcales	Staphylococcaceae	Staphylococcus	Staphylococcus_hominis
SEQF2353	Firmicutes	Bacilli	Staphylococcales	Staphylococcaceae	Staphylococcus	Staphylococcus_warneri
SEQF2920	Firmicutes	Bacilli	Staphylococcales	Staphylococcaceae	Staphylococcus	Staphylococcus_warneri_A
SEQF3177	Firmicutes_A	Clostridia	Eubacteriales	Eubacteriaceae	Pseudoramibacter	Pseudoramibacter_alactolyticus
SEQF3178	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Catonella	Catonella_morbi
SEQF1618	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Catonella	ODP-AM01-10
SEQF2444	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	F0428	F0428_sp003043955
SEQF2748	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Johnsonella	Johnsonella_ignava
SEQF2778	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Lachnoanaerobaculum	Lachnoanaerobaculum_gingivalis
SEQF3087	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Lachnoanaerobaculum	Lachnoanaerobaculum_orale
SEQF2057	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Lachnoanaerobaculum	Lachnoanaerobaculum_saburreum

SEQF1981	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Lachnoanaerobaculum	Lachnoanaerobaculum_sp000209465
SEQF2047	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Lachnoanaerobaculum	Lachnoanaerobaculum_sp000296385
SEQF2629	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Lachnoanaerobaculum	ORT-AM05-95
SEQF2615	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Oribacterium	Oribacterium_asaccharolyticum
SEQF2079	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Oribacterium	Oribacterium_parvum
SEQF1594	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Oribacterium	Oribacterium_sp000160135
SEQF1969	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Oribacterium	Oribacterium_sp013394775
SEQF1967	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Oribacterium	ORS-AF05-220
SEQF2899	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Shuttleworthia	Shuttleworthia_satelles
ORS-AM05-334	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Stomatobaculum	Stomatobaculum_longum
SEQF1195	Firmicutes_A	Clostridia	Lachnospirales	Lachnospiraceae	Stomatobaculum	Stomatobaculum_naviforme
ORT-AF10-25-O-BH	Firmicutes_A	Clostridia	Peptostreptococcales	Anaerovoracaceae	Eubacterium_A	Eubacterium_A_minutum
SEQF2159	Firmicutes_A	Clostridia	Peptostreptococcales	Anaerovoracaceae	Eubacterium_A	Eubacterium_A_nodatum
SEQF1276	Firmicutes_A	Clostridia	Peptostreptococcales	Anaerovoracaceae	Eubacterium_B	Eubacterium_B_infirmum
SEQF1175	Firmicutes_A	Clostridia	Peptostreptococcales	Anaerovoracaceae	Eubacterium_B	Eubacterium_B_sulci
SEQF1264	Firmicutes_A	Clostridia	Peptostreptococcales	Anaerovoracaceae	Eubacterium_M	Eubacterium_M_brachy
ORT-AM05-52	Firmicutes_A	Clostridia	Peptostreptococcales	Anaerovoracaceae	Mogibacterium	Mogibacterium_diversum
ORS-AM09-16-O-BH	Firmicutes_A	Clostridia	Peptostreptococcales	Anaerovoracaceae	Mogibacterium	Mogibacterium_timidum
SEQF1659	Firmicutes_A	Clostridia	Peptostreptococcales	Filifactoraceae	Filifactor	Filifactor_alocis
SEQF2142	Firmicutes_A	Clostridia	Peptostreptococcales	Filifactoraceae	Peptoanaerobacter	ORT-AM01-02
SEQF1944	Firmicutes_A	Clostridia	Peptostreptococcales	Filifactoraceae	Peptoanaerobacter	Peptoanaerobacter_margaretiae
SEQF1165	Firmicutes_A	Clostridia	Peptostreptococcales	Filifactoraceae	Peptoanaerobacter	Peptoanaerobacter_stomatis
SEQF2330	Firmicutes_A	Clostridia	Peptostreptococcales	Peptostreptococcaceae	Peptostreptococcus	Peptostreptococcus_anaerobius
SEQF1652	Firmicutes_A	Clostridia	Peptostreptococcales	Peptostreptococcaceae	Peptostreptococcus	Peptostreptococcus_stomatis
SEQF1604	Firmicutes_A	Clostridia	Tissierellales	Peptoniphilaceae	Parvimonas	Parvimonas_micra
SEQF1860	Firmicutes_A	Clostridia	Tissierellales	Peptoniphilaceae	Parvimonas	Parvimonas_sp000214475
SEQF2824	Firmicutes_A	Clostridia	Tissierellales	Peptoniphilaceae	Peptoniphilus_A	Peptoniphilus_A_lacrimalis
SEQF3495	Firmicutes_A	Clostridia	Tissierellales	Peptoniphilaceae	W5053	W5053_sp000467935
SEQF1221	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_artemidis
SEQF1957	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_felix
SEQF2445	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_flueggei
SEQF1963	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_infelix
SEQF1850	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_noxia
SEQF2076	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_periodontii
SEQF2997	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_sp000315545
SEQF3061	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_sp000318175
SEQF2774	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_sp000468035
SEQF2918	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_sp001683335
SEQF2776	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Centipeda	Centipeda_sp001717585
SEQF2775	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Mitsuokella	Mitsuokella_sp000469545
SEQF1940	Firmicutes_C	Negativicutes	Selenomonadales	Selenomonadaceae	Selenomonas	Selenomonas_sputigena
SEQF1947	Firmicutes_C	Negativicutes	Veillonellales	Dialisteraceae	Allisonella	Allisonella_pneumosintes
SEQF1870	Firmicutes_C	Negativicutes	Veillonellales	Dialisteraceae	Dialister	Dialister_invisus
SEQF1875	Firmicutes_C	Negativicutes	Veillonellales	Dialisteraceae	Dialister_B	Dialister_B_micraerophilus
SEQF2771	Firmicutes_C	Negativicutes	Veillonellales	Megasphaeraceae	Anaeroglobus	Anaeroglobus_geminatus
SEQF2462	Firmicutes_C	Negativicutes	Veillonellales	Megasphaeraceae	Anaeroglobus	Anaeroglobus_micronuciformis
SEQF1941	Firmicutes_C	Negativicutes	Veillonellales	Veillonellaceae	F0422	F0422_sp001553345
SEQF1942	Firmicutes_C	Negativicutes	Veillonellales	Veillonellaceae	Veillonella	ORT-AM09-5D4
SEQF3158	Firmicutes_C	Negativicutes	Veillonellales	Veillonellaceae	Veillonella	Veillonella_atypica
SEQF2757	Firmicutes_C	Negativicutes	Veillonellales	Veillonellaceae	Veillonella	Veillonella_denticariosi
SEQF2078	Firmicutes_C	Negativicutes	Veillonellales	Veillonellaceae	Veillonella	Veillonella_dispar
SEQF1611	Firmicutes_C	Negativicutes	Veillonellales	Veillonellaceae	Veillonella	Veillonella_parvula_A
ODP-AF04-83	Firmicutes_C	Negativicutes	Veillonellales	Veillonellaceae	Veillonella	Veillonella_rogosae
ODP-AM01-06	Firmicutes_C	Negativicutes	Veillonellales	Veillonellaceae	Veillonella	Veillonella_sp900757715
ODP-AM04-45	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	Fusobacterium_animalis
ODP-AM05-504	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	Fusobacterium_hwasookii
ODP-AM08-289	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	Fusobacterium_nucleatum
ODP-AM08-386	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	Fusobacterium_periodonticum
ODP-AM08-398	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	Fusobacterium_periodonticum_B
ODP-AM08-466	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	Fusobacterium_periodonticum_D
ODP-AM09-1-1-O-BH	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	Fusobacterium_polymorphum
ODP-AM09-12-104	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	Fusobacterium_sp000235465
ODP-AM09-14-BH	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	Fusobacterium_vincentii
ODP-AM01-10	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium	ODP-AM01-06
ODP-AM09-20-O-104	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium_C	Fusobacterium_C_necrophorum
ODP-TM06-153	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	Leptotrichia_buccalis
ODP-TM06-159	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	Leptotrichia_hofstadii
ODP-TM07-145	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	Leptotrichia_hongkongensis
ORS-AF04-134	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	Leptotrichia_massiliensis
ORS-AF04-142	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	Leptotrichia_shahii
ORS-AF04-143	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	Leptotrichia_sp000469385
ORS-AF04-252	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	Leptotrichia_sp002240055
ORS-AF04-42	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	Leptotrichia_sp013394795
ORS-AF05-220	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	Leptotrichia_wadei
ORS-AF08-16-MRS	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia	Leptotrichia_wadei_A
ORS-AF08-3-MRS	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia_A	Leptotrichia_A_sp000469505
ORS-AF10-C12	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Leptotrichia_A	Leptotrichia_A_sp001274535
ORS-AF10-C15	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Pseudoleptotrichia	Pseudoleptotrichia_goodfellowii
ORS-AF10-C20	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Sneathia	Sneathia_amnii
ORS-AM01-02BB	Fusobacteriota	Fusobacteriia	Fusobacteriales	Leptotrichiaceae	Sneathia	Sneathia_sanguinegens
ORS-AM01-02MB	Proteobacteria	Gammaproteobacteria	Burkholderiales	Burkholderiaceae	Comamonas	Comamonas_testosteroni
ORS-AM05-133	Proteobacteria	Gammaproteobacteria	Burkholderiales	Burkholderiaceae	Comamonas	Comamonas_testosteroni_B
ORS-AM05-357	Proteobacteria	Gammaproteobacteria	Burkholderiales	Burkholderiaceae	Comamonas	Comamonas_thiooxydans
ORS-AM05-364	Proteobacteria	Gammaproteobacteria	Burkholderiales	Burkholderiaceae	Lautropia	Lautropia_mirabilis
ORS-AM05-381	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Eikenella	Eikenella_corrodens
ORS-AM05-481	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Kingella_A	Kingella_A_denitrificans
ORS-AM08-178	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Kingella_B	Kingella_B_oralis
ORS-AM08-63	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_bacilliformis
ORS-AM08-79	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_cinerea
ORS-AM09-1-2-O-BH	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_elongata
ORS-AM09-14-O-104	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_flavescens
ORS-AM09-15-104	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_flavescens_B
ORS-AM09-1-O-104	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_lactamica
ORS-AM09-24-O-104	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_meningitidis
ORS-AM09-26-BH	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_mucosa_A
ORS-AM09-2-O-104	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_sicca
ORS-AM09-3-104	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_sicca_A
ORS-AM09-40-O-BH	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_sicca_D
ORS-AM09-45-O-BH	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_sp000090875
ORS-TM06-113	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_sp000186165
ORS-TM06-130	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_sp002237445
ORS-TM06-91	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_subflava_C
ORS-TM07-227	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Neisseria	Neisseria_weaveri
ORS-TM07-255	Proteobacteria	Gammaproteobacteria	Burkholderiales	Neisseriaceae	Simonsiella	Simonsiella_muelleri
ORT-AF03-190	Proteobacteria	Gammaproteobacteria	Cardiobacteriales	Cardiobacteriaceae	Cardiobacterium	Cardiobacterium_hominis
ORT-AF03-215	Proteobacteria	Gammaproteobacteria	Cardiobacteriales	Cardiobacteriaceae	Cardiobacterium	Cardiobacterium_valvarum
ORT-AF03-76	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Aggregatibacter	Aggregatibacter_actinomycetemcomitans
ORT-AF04-16	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Aggregatibacter	Aggregatibacter_actinomycetemcomitans_A
ORT-AF05-232	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Aggregatibacter	Aggregatibacter_aphrophilus
ORT-AF05-233	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Aggregatibacter	Aggregatibacter_segnis
ORT-AF08-17	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Aggregatibacter	Aggregatibacter_sp000466335
ORT-AF10-07-O-BH	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Haemophilus	Haemophilus_aegyptius
ORT-AM01-02	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Haemophilus	Haemophilus_haemolyticus
ORT-AM04-05	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Haemophilus	Haemophilus_quentini
ORT-AM05-05	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Haemophilus	Haemophilus_sp001276515
ORT-AM05-101	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Haemophilus	Haemophilus_sp002998595
ORT-AM05-520	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Haemophilus_A	Haemophilus_A_parahaemolyticus
ORT-AM05-529	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Haemophilus_A	Haemophilus_A_paraphrohaemolyticus
ORT-AM05-95	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Haemophilus_A	Haemophilus_A_sputorum
ORT-AM08-195	Proteobacteria	Gammaproteobacteria	Enterobacterales	Pasteurellaceae	Haemophilus_D	Haemophilus_D_pittmaniae
ORT-AM08-428	Spirochaetota	Spirochaetia	Treponematales	Treponemataceae	Treponema	Treponema_medium
ORT-AM08-434	Spirochaetota	Spirochaetia	Treponematales	Treponemataceae	Treponema	Treponema_vincentii
ORT-AM09-12-O-104	Spirochaetota	Spirochaetia	Treponematales	Treponemataceae	Treponema_B	Treponema_B_denticola
ORT-AM09-20-O-104	Spirochaetota	Spirochaetia	Treponematales	Treponemataceae	Treponema_B	Treponema_B_denticola_A
ORT-AM09-5D4	Spirochaetota	Spirochaetia	Treponematales	Treponemataceae	Treponema_B	Treponema_B_putidum
ORT-AM09-9-O-104	Spirochaetota	Spirochaetia	Treponematales	Treponemataceae	Treponema_C	Treponema_C_lecithinolyticum
ORT-TM06-193	Spirochaetota	Spirochaetia	Treponematales	Treponemataceae	Treponema_C	Treponema_C_maltophilum
ORT-TM06-249	Spirochaetota	Spirochaetia	Treponematales	Treponemataceae	Treponema_D	Treponema_D_paredis
ORT-TM07-90	Spirochaetota	Spirochaetia	Treponematales	Treponemataceae	Treponema_D	Treponema_D_pectinovorum
SEQF1605	Spirochaetota	Spirochaetia	Treponematales	Treponemataceae	Treponema_D	Treponema_D_socranskii
SEQF2016	Synergistota	Synergistia	Synergistales	Dethiosulfovibrionaceae	Jonquetella	Jonquetella_anthropi
SEQF2726	Synergistota	Synergistia	Synergistales	Dethiosulfovibrionaceae	Pyramidobacter	Pyramidobacter_piscolens
RSZYD18078188_A_saliva.metaspades.bin.16	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp905370345_RSZYD18078188_A_saliva.metaspades.bin.16
RSZYD18078809_A_saliva.metaspades.bin.65	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp905370345_RSZYD18078809_A_saliva.metaspades.bin.65
RSZYD18187848_A_saliva.metaspades.bin.3	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp905370345_RSZYD18187848_A_saliva.metaspades.bin.3
YS000298_saliva.spades.bin.49	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp905370345_YS000298_saliva.spades.bin.49
GCA_905372305.1_SRR9217408-mag-bin.12_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp905372305_GCA_905372305.1_SRR9217408-mag-bin.12_genomic
RSZYD18187144_A_saliva.metaspades.bin.68	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_nanoralicus_RSZYD18187144_A_saliva.metaspades.bin.68
RSZYD18187273_A_saliva.metaspades.bin.99	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_nanoralicus_RSZYD18187273_A_saliva.metaspades.bin.99
SZAXPI018439-102_RA_saliva.metaspades.bin.34	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_nanoralicus_SZAXPI018439-102_RA_saliva.metaspades.bin.34
GCA_002309075.1_ASM230907v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp002309075_GCA_002309075.1_ASM230907v1_genomic
RSZAXPI002326-41_RAH_dental.metaspades.bin.24	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp015257605_RSZAXPI002326-41_RAH_dental.metaspades.bin.24
RSZAXPI002617-32_RA_dental.metaspades.bin.17	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp015257605_RSZAXPI002617-32_RA_dental.metaspades.bin.17
RSZAXPI002657-17_RA_dental.metaspades.bin.42	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp015257605_RSZAXPI002657-17_RA_dental.metaspades.bin.42
GCA_015257665.1_ASM1525766v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp015257665_GCA_015257665.1_ASM1525766v1_genomic
GCA_946890795.1_SRR12830924_bin.6_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	periomorbus_sp004136275_GCA_946890795.1_SRR12830924_bin.6_metaWRAP_v1.3_MAG_ger
GCA_004136275.1_ASM413627v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus_sp004136275_GCA_004136275.1_ASM413627v1_genomic
GCA_013333515.2_ASM1333351v2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus_sp013333515_GCA_013333515.2_ASM1333351v2_genomic
RDPYD18098896_A_saliva.metaspades.bin.29	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp013332965_RDPYD18098896_A_saliva.metaspades.bin.29
RSZYD18187537_A_saliva.metaspades.bin.50	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp013332965_RSZYD18187537_A_saliva.metaspades.bin.50
GCA_013333135.2_ASM1333313v2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp013333135_GCA_013333135.2_ASM1333313v2_genomic
GCA_905372385.1_SRR9217408-mag-bin.1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp905371715_GCA_905372385.1_SRR9217408-mag-bin.1_genomic
R0170300265_tooth_RAH.megahit.bin.100	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp905371715_R0170300265_tooth_RAH.megahit.bin.100
GCA_905372095.1_SRR9217394-mag-bin.2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp905372095_GCA_905372095.1_SRR9217394-mag-bin.2_genomic
GCA_014191035.1_ASM1419103v1_genomic	Patescibacteria	Saccharimonadia	CAILAD01	BJGX01	BJGX01	BJGX01_sp014191035
GCA_009691435.1_ASM969143v1_genomic	Patescibacteria	Saccharimonadia	CAILAD01	BJGX01	SICB01	SICB01_sp009691435
GCA_013816445.1_ASM1381644v1_genomic	Patescibacteria	Saccharimonadia	CAILAD01	CAILAD01	CAILAD01	CAILAD01_sp013816445
GCA_016191105.1_ASM1619110v1_genomic	Patescibacteria	Saccharimonadia	CAILAD01	JACPPH01	JACPPH01	JACPPH01_sp016191105
GCA_017983775.1_ASM1798377v1_genomic	Patescibacteria	Saccharimonadia	JAGOAT01	JAGOAT01	JAGOAT01	JAGOAT01_sp017983775
GCA_003022365.1_ASM302236v1_genomic	Patescibacteria	Saccharimonadia	QS-5-54-17	QS-5-54-17	QS-5-54-17	QS-5-54-17_sp003022365
GCA_007131065.1_ASM713106v1_genomic	Patescibacteria	Saccharimonadia	QS-5-54-17	QS-5-54-17	SLRF01	SLRF01_sp007131065

GCA_001790445.1_ASM179044v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	2-12-FULL-41-12	2-12-FULL-41-12	2-12-FULL-41-12_sp001790445
GCA_016219345.1_ASM1621934v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	2-12-FULL-41-12	JACRNE01	JACRNE01_sp016219345
GCA_004100265.1_ASM410026v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	AMD01	AMD01	AMD01_sp004100265
GCA_003962975.1_ASM396297v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	AWTP1-31_sp003962975
GCA_903937695.1_freshwater_MAG_---_Loc090907-1m_bin-354_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	AWTP1-31_sp903946795
GCA_016789455.1_ASM1678945v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIJKY01	CAIJKY01	CAIJKY01_sp016789455
GCA_903859365.1_freshwater_MAG_---_AM-lipid-02-D3_bin-0353_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	CAIOMD01	CAIOMD01_sp903859365
GCA_017992295.1_ASM1799229v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	JAGOOV01	JAGOOV01_sp017992295
GCA_018062805.1_ASM1806280v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	JAGORN01	JAGORN01_sp018062805
GCA_012965045.1_ASM1296504v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	DTSZ01	DTSZ01	DTSZ01_sp012965045
GCA_013694995.1_ASM1369499v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDBH01	JACDBH01	JACDBH01_sp013694995
GCA_013815785.1_ASM1381578v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACDFO01	JACDFO01_sp013815785
GCA_016178135.1_ASM1617813v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACOTW01	JACOTW01_sp016178135
GCA_016196195.1_ASM1619619v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	JACPYF01	JACPYF01	JACPYF01_sp016196195
RDPYD18098326_A_saliva.metaspades.bin.7	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis_gingivitcus
GCA_010014525.1_ASM1001452v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis_sp010014525
GCA_015257785.3_ASM1525778v3_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis_sp015257795
GCA_018058565.1_ASM1805856v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis_sp017992395
SZAXPI018280-95_RA_dental.metaspades.bin.19	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis_sp900555945
RDPYD18098496_A_saliva.metaspades.bin.7	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	Nanogingivalis_sp900556165
GCA_016699895.1_ASM1669989v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	GCA-016699895	GCA-016699895_sp016699895
GCA_004138455.1_ASM413845v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus_periodonticus
GCA_002313515.1_ASM231351v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus_sp002313515
GCA_905365345.1_ERZ1645002-mag-bin.1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus_sp905365345
GCA_905372225.1_SRR9217401-mag-bin.8_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus_sp905372225
GCA_905373275.1_SRR9217462-mag-bin.7_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus_sp905373275
GCA_905373385.1_SRR9217464-mag-bin.2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	Nanoperiomorbus_sp905373385
GCA_009776375.1_ASM977637v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	WQXA01	WQXA01_sp009776375
GCA_009785095.1_ASM978509v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	WQXA01	WQXA01_sp009785095
GCA_009787245.1_ASM978724v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	WRGU01	WRGU01_sp009787015
GCA_009783235.1_ASM978323v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	WRHN01	WRHN01_sp009783235
GCA_005697395.1_ASM569739v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_lyticus
GCA_002421965.1_ASM242196v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp002421965
GCA_013394755.1_ASM1339475v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp005697215
GCA_005697565.1_ASM569756v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp005697565
RSZYD18078399_A_saliva.metaspades.bin.40	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp007845355
GCA_010202115.1_ASM1020211v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp010202115
GCA_010202465.1_ASM1020246v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp010202465
GCA_010202645.1_ASM1020264v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp010202645
GCA_010202845.1_ASM1020284v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp010202845
GCA_013099015.1_ASM1309901v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp013099015
GCA_013099195.1_ASM1309919v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp013099195
GCA_013100805.1_ASM1310080v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp013100805
GCA_013100825.1_ASM1310082v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp013100825
GCA_015257705.1_ASM1525770v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp015257705
GCA_900555265.1_UMGS1805_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp900555265
RSZYD18187853_A_saliva.metaspades.bin.37	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp900555425
GCA_022828245.1_ASM2282824v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp900555675
GCA_022819385.1_ASM2281938v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp900555885
RSZYD18187554_A_saliva.metaspades.bin.21	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp900556885
GCA_022819345.1_ASM2281934v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp900557595
GCA_905372835.1_SRR9217428-mag-bin.30_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp905372835
GCA_905373795.1_SRR9217490-mag-bin.5_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	Nanosynbacter_sp905373795
R0170300181_tooth_RA.megahit.bin.83	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	VGLK01	VGLK01_sp013333495
GCA_016866755.1_JGI_2017-08-21_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	VGLK01	VGLK01_sp016866755
R0170300272_tooth_RAH.megahit.bin.12	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	VGLK01	VGLK01_sp905372785
GCA_004138395.1_ASM413839v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_alces
GCA_947168545.1_SRR8387715_bin.82_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp002350545
GCA_002363125.1_ASM236312v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp002363125
GCA_002371235.1_ASM237123v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp002371235
GCA_947306835.1_SRR10912542_bin.23_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp002393165
GCA_003979185.1_ASM397918v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp003979185
GCA_947171955.1_SRR14862904_bin.27_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp013316435
GCA_013332955.2_ASM1333295v2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp013332955
GCA_013333375.2_ASM1333337v2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp013333375
GCA_015257445.1_ASM1525744v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp015257445
GCA_015257485.1_ASM1525748v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp015257485
GCA_016280905.1_ASM1628090v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp016280905
GCA_016286785.1_ASM1628678v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp016286785
GCA_017404325.1_ASM1740432v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017404325
GCA_017404335.1_ASM1740433v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017404335
GCA_017404515.1_ASM1740451v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017404515
GCA_017404685.1_ASM1740468v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017404685
GCA_017404725.1_ASM1740472v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017404725
GCA_017404795.1_ASM1740479v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017404795
GCA_017404935.1_ASM1740493v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017404935
GCA_017404955.1_ASM1740495v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017404955
GCA_017405225.1_ASM1740522v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017405225
GCA_017406405.1_ASM1740640v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017406405
GCA_017406565.1_ASM1740656v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017406565
GCA_017406775.1_ASM1740677v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017406775
GCA_017406905.1_ASM1740690v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017406905
GCA_017406985.1_ASM1740698v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017406985
GCA_947303265.1_SRR10912539_bin.36_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017420185
GCA_017421325.1_ASM1742132v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017421325
GCA_017421685.1_ASM1742168v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017421685
GCA_017431465.1_ASM1743146v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017431465
GCA_017431745.1_ASM1743174v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017431745
GCA_017431945.1_ASM1743194v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017431945
GCA_017431955.1_ASM1743195v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017431955
GCA_017432025.1_ASM1743202v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017432025
GCA_017432225.1_ASM1743222v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017432225
GCA_017432305.1_ASM1743230v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017432305
GCA_017432365.1_ASM1743236v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017432365
GCA_017432425.1_ASM1743242v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017432425
GCA_017433855.1_ASM1743385v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017433855
GCA_017447485.1_ASM1744748v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017447485
GCA_017459705.1_ASM1745970v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017459705
GCA_017459845.1_ASM1745984v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017459845
GCA_017460305.1_ASM1746030v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017460045
GCA_017460105.1_ASM1746010v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017460105
GCA_017460225.1_ASM1746022v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017460225
GCA_017460625.1_ASM1746062v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017460625
GCA_946409605.1_SRR12081300_bin.39_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017464135
GCA_017480035.1_ASM1748003v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017480035
GCA_017480095.1_ASM1748009v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017480095
GCA_017506895.1_ASM1750689v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017506895
GCA_017509895.1_ASM1750989v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017509895
GCA_017510075.1_ASM1751007v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017510075
GCA_017510425.1_ASM1751042v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017510425
GCA_017510445.1_ASM1751044v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017510445
GCA_017510705.1_ASM1751070v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017510705
GCA_017432705.1_ASM1743270v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017510805
GCA_017510925.1_ASM1751092v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017510925
GCA_017511205.1_ASM1751120v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017511205
GCA_017511645.1_ASM1751164v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017511645
GCA_017511925.1_ASM1751192v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017511925
GCA_017511965.1_ASM1751196v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017511965
GCA_017512045.1_ASM1751204v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017512045
GCA_017512085.1_ASM1751208v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017512085
GCA_017512095.1_ASM1751209v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017512095
GCA_017513905.1_ASM1751390v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017513905
GCA_017514025.1_ASM1751402v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017514025
GCA_017514045.1_ASM1751404v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017514045
GCA_017514665.1_ASM1751466v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017514665
GCA_017514675.1_ASM1751467v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017514675
GCA_017515105.1_ASM1751510v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017515105
GCA_017511845.1_ASM1751184v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017515205
GCA_017515285.1_ASM1751528v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017515285
GCA_017516075.1_ASM1751607v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017516075
GCA_017533605.1_ASM1753360v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017533605
GCA_017536895.1_ASM1753689v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017536895
GCA_017537745.1_ASM1753774v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017537745
GCA_017545505.1_ASM1754550v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017545505
GCA_017545525.1_ASM1754552v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017545525
GCA_017545595.1_ASM1754559v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017545595
GCA_017552385.1_ASM1755238v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017552385
GCA_017556795.1_ASM1755679v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017556795
GCA_017557865.1_ASM1755786v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017557865
GCA_017561575.1_ASM1756157v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017561575
GCA_946404095.1_SRR12081303_bin.66_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017613135
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GCA_017652105.1_ASM1765210v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017652105
GCA_017652765.1_ASM1765276v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017652765
GCA_017432505.1_ASM1743250v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017941835
GCA_017962365.1_ASM1796236v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp017962365
RSZAXPI002326-41_RAH_dental.metaspades.bin.8	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	Nanosyncoccus_sp905372495
GCA_017457925.1_ASM1745792v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp002363515
GCA_946619905.1_SRR873600_bin.141_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp002371895
GCA_009783305.1_ASM978330v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp009783305
GCA_017418275.1_ASM1741827v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp017418275
GCA_017430725.1_ASM1743072v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp017430725
GCA_017437945.1_ASM1743794v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp017437945
GCA_017460065.1_ASM1746006v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp017460065
GCA_017510385.1_ASM1751038v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp017510835
GCA_946407955.1_SRR12081294_bin.80_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp017514805
GCA_017524405.1_ASM1752440v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp017524405
GCA_017531585.1_ASM1753158v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp017531585
GCA_946404545.1_SRR12081298_bin.7_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	UBA2834_sp017548735
GCA_009781895.1_ASM978189v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	WQUV01	WQUV01_sp009781895
GCA_009778675.1_ASM977867v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	WRFU01	WRFU01_sp009778675

GCA_009777315.1_ASM977731v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	WRMD01	WRMD01_sp009777315
GCA_000392435.1_ASM39243v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_aalborgensis
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GCA_002337095.1_ASM233709v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp002337095
GCA_002421785.1_ASM242178v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp002421785
GCA_002441145.1_ASM244114v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp002441145
GCA_010201925.1_ASM1020192v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp010202265
GCA_013333625.2_ASM1333362v2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp013333625
GCA_013333645.2_ASM1333364v2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp013333645
R0170300307_tooth_RAH.megahit.bin.81	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp013333675
GCA_905371785.1_SRR9217391-mag-bin.4_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp013333795
GCA_016700015.1_ASM1670001v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp016700015
GCA_018127705.1_ASM1812770v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp018127705
GCA_905365145.1_ERZ1644999-mag-bin.1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp905365145
GCA_905371595.1_SRR9217384-mag-bin.1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp905371595
R0170300267_tooth_RAH.megahit.bin.37	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp905372275
R0170300320_tooth_RAH.megahit.bin.52	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp905373345
GCA_905373835.1_SRR9217492-mag-bin.7_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	Saccharimonas_sp905373835
GCA_003246575.1_ASM324657v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	SZUA-359	SZUA-359_sp003246575
SZAXPI018095-16_RA_dental.metaspades.bin.15	Patescibacteria	Saccharimonadia	Saccharimonadales	SDRK01	SDRK01	SDRK01_sp007845205
GCA_007135955.1_ASM713595v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	SLHW01	SLHW01	SLHW01_sp007135955
GCA_016700315.1_ASM1670031v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	SZUA-47	GCA-016700315	GCA-016700315_sp016700315
GCA_003231925.1_ASM323192v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	SZUA-47	SZUA-47	SZUA-47_sp003231925
GCA_015257555.2_ASM1525755v2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01_sp007845485
GCA_013333595.2_ASM1333359v2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SDRW01_sp013333595
GCA_001003725.1_ASM100372v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	UBA10027	UBA10027_sp001003725
GCA_015999875.1_ASM1599987v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	UBA10027	UBA10027_sp015999875
GCA_000503915.1_ASM50391v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020_sp000503915
GCA_002316545.1_ASM231654v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020_sp002316545
GCA_002335175.1_ASM233517v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020_sp002335175
GCA_002343565.1_ASM234356v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020_sp002348605
GCA_002348615.1_ASM234861v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020_sp002348615
GCA_002455275.1_ASM245527v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020_sp002455275
GCA_018060465.1_ASM1806046v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	UBA1020_sp018060465
GCA_001788555.1_ASM178855v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	2-01-FULL-49-22	2-01-FULL-49-22_sp001788565
GCA_016234585.1_ASM1623458v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	21-14-0-10-47-8-A	21-14-0-10-47-8-A_sp016234585
GCA_013815775.1_ASM1381577v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	JACDFN01	JACDFN01_sp013815775
GCA_016187125.1_ASM1618712v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	JACPKF01	JACPKF01_sp016187125
GCA_001790525.1_ASM179052v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	UBA10212	UBA10212_sp001790525
GCA_002452155.1_ASM245215v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	UBA6824	UBA6824_sp002452155
GCA_016176605.1_ASM1617660v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	UBA6824	UBA6824_sp016176605
GCA_016187175.1_ASM1618717v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	UBA6824	UBA6824_sp016187175
GCA_001790455.1_ASM179045v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212_A	2-02-FULL-47-12	2-02-FULL-47-12_sp001790455
GCA_001790365.1_ASM179036v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17_sp001790515
GCA_001873625.1_ASM187362v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547_sp001873625
GCA_002413425.1_ASM241342v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547_sp002413425
GCA_002427805.1_ASM242780v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547_sp002427805
GCA_002839415.1_ASM283941v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547_sp002839415
GCA_013334475.1_ASM1333447v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547_sp013334475
GCA_015655045.1_ASM1565504v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547_sp015655045
GCA_943354985.1_Jr-19feb18-57_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	UBA1547_sp903899655
GCA_002404195.1_ASM240419v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6022	UBA6022_sp002404195
GCA_016432585.1_ASM1643258v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6022	UBA6022_sp016432585
GCA_001897295.1_ASM189729v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175_sp001897295
GCA_017307155.1_ASM1730715v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175_sp001897305
GCA_002381485.1_ASM238148v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175_sp002381485
GCA_002429245.1_ASM242924v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175_sp002429245
GCA_002699225.1_ASM269922v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175_sp002726935
GCA_004100325.1_ASM410032v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175_sp004100325
GCA_009992235.1_ASM999223v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	UBA6175_sp009992235
GCA_002331045.1_ASM233104v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA2112	UBA2112	UBA2112_sp002331045
GCA_003164595.1_20120700_S1D_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	BOG-1338	BOG-1338_sp003164595
GCA_903877025.1_freshwater_MAG_---_AlinenLipids_bin-2261_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01_sp903839515
GCA_903840315.1_freshwater_MAG_---_AM-lipid-02-D2_bin-0413_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01_sp903840315
GCA_903883035.1_freshwater_MAG_---_Umea_bin-05361_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01_sp903900685
GCA_903925195.1_freshwater_MAG_---_YR_bin-4708_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	CAIYEO01_sp903925195
GCA_002746885.1_ASM274688v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA-2746885	GCA-2746885_sp002746885
GCA_016699935.1_ASM1669993v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA-2746885	GCA-2746885_sp016699935
GCA_016699955.1_ASM1669995v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA-2746885	GCA-2746885_sp016699955
GCA_016700375.1_ASM1670037v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA-2746885	GCA-2746885_sp016700375
GCA_016789655.1_ASM1678965v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA-2746885	GCA-2746885_sp016789655
GCA_013289705.1_ASM1328970v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	JACMPA01	JACMPA01_sp013289705
GCA_014377695.1_ASM1437769v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	JACMPA01	JACMPA01_sp014377695
GCA_018062785.1_ASM1806278v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	JAGORO01	JAGORO01_sp018062785
GCA_002952755.1_ASM295275v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	PMNU01	PMNU01_sp002952755
GCA_002413755.1_ASM241375v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4665	UBA4665_sp002413755
GCA_002413835.1_ASM241383v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4665	UBA4665_sp002413835
GCA_003516025.1_ASM351602v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4665	UBA4665_sp003516025
GCA_002413865.1_ASM241386v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4729	UBA4729_sp002413865
GCA_014377525.1_ASM1437752v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA4729	UBA4729_sp014377525
GCA_002413795.1_ASM241379v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	UBA5150_sp002413795
GCA_002792275.1_ASM279227v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	UBA5150_sp002792275
GCA_003133385.1_20120500_P26_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	UBA5150_sp003133385
GCA_003153395.1_20120700_P3D_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	UBA5150_sp003153395
GCA_002441585.1_ASM244158v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA6224	UBA6224_sp002441585
GCA_903828465.1_freshwater_MAG_---_Umea3_bin-2596_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	CAILQE01	CAILQE01_sp903836325
GCA_002434045.1_ASM243404v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946	UBA5946	UBA5946_sp002434045
GCA_002482925.1_ASM248292v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA7683	UBA7683	UBA7683_sp002482925
GCA_001029695.1_ASM102969v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	2011-GWC2-44-17	2011-GWC2-44-17_sp001029695
GCA_022842995.1_ASM2284299v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	2-12-FULL-41-12	GCA_022842995.1_ASM2284299v1_genomic	GCA_022842995.1_ASM2284299v1_genomic
GCA_025451045.1_ASM2545104v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	2-12-FULL-41-12	JACRNE01	GCA_025451045.1_ASM2545104v1_genomic
GCA_946478995.1_SRR15094062_bin.6_metawrap_v1.3.0_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	2-12-FULL-41-12	JACRNE01	GCA_946478995.1_SRR15094062_bin.6_metawrap_v1.3.0_MAG_genomic
GCA_026395375.1_ASM2639537v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	AQU-01	GCA_026395375.1_ASM2639537v1_genomic	GCA_026395375.1_ASM2639537v1_genomic
GCA_026395395.1_ASM2639539v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	GCA_026395395.1_ASM2639539v1_genomic
GCA_026395435.1_ASM2639543v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	GCA_026395435.1_ASM2639543v1_genomic
GCA_943354005.1_MsH-30jul19-11_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	GCA_943354005.1_MsH-30jul19-11_genomic
GCA_943354725.1_RH-27jun17-331_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	AWTP1-31	GCA_943354725.1_RH-27jun17-331_genomic
GCA_020428425.1_ASM2042842v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	AWTP1-31	GCA_020428425.1_ASM2042842v1_genomic	GCA_020428425.1_ASM2042842v1_genomic
GCA_020428475.1_ASM2042847v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	GCA_020428475.1_ASM2042847v1_genomic	GCA_020428475.1_ASM2042847v1_genomic
GCA_018001155.1_ASM1800115v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	CAIOMD01	JAGORN01	GCA_018001155.1_ASM1800115v1_genomic
GCA_946479835.1_SRR15094062_bin.4_metawrap_v1.3.0_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDBH01	JACDBH01	GCA_946479835.1_SRR15094062_bin.4_metawrap_v1.3.0_MAG_genomic
GCA_020428105.1_ASM2042810v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACDFO01	GCA_020428105.1_ASM2042810v1_genomic
GCA_023253175.1_ASM2325317v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACDFO01	GCA_023253175.1_ASM2325317v1_genomic
GCA_025924835.1_ASM2592483v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	JACDFO01	JACDFO01	GCA_025924835.1_ASM2592483v1_genomic
GCA_017991755.1_ASM1799175v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	JAGPDM01	GCA_017991755.1_ASM1799175v1_genomic	GCA_017991755.1_ASM1799175v1_genomic
GCA_934717805.1_ERR7745621_bin.22_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	GCA_934717805.1_ERR7745621_bin.22_genomic
R0170300119_tooth_RA.megahit.bin.12	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	R0170300119_tooth_RA.megahit.bin.12
R0170300141_tooth_RA.megahit.bin.72	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	R0170300141_tooth_RA.megahit.bin.72
R0170300232_tooth_RA.megahit.bin.71	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	R0170300232_tooth_RA.megahit.bin.71
RDPYD18088805_A_saliva.metaspades.bin.25	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	RDPYD18088805_A_saliva.metaspades.bin.25
RDPYD18098889_A_saliva.metaspades.bin.64	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	RDPYD18098889_A_saliva.metaspades.bin.64
RDPYD18098912_A_saliva.metaspades.bin.38	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	RDPYD18098912_A_saliva.metaspades.bin.38
RDPYD18189905_A_saliva.metaspades.bin.29	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	RDPYD18189905_A_saliva.metaspades.bin.29
RDPYD18300091_A_saliva.metaspades.bin.39	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	RDPYD18300091_A_saliva.metaspades.bin.39
RSZYD18078075_A_saliva.metaspades.bin.101	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	RSZYD18078075_A_saliva.metaspades.bin.101
RSZYD18078262_A_saliva.metaspades.bin.69	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	RSZYD18078262_A_saliva.metaspades.bin.69
RSZYD18078623_A_saliva.metaspades.bin.44	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	RSZYD18078623_A_saliva.metaspades.bin.44
RSZYD18187349_A_saliva.metaspades.bin.40	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	RSZYD18187349_A_saliva.metaspades.bin.40
RSZYD18187447_A_saliva.metaspades.bin.38	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	RSZYD18187447_A_saliva.metaspades.bin.38
SRR8114071.metaspades.bin.18	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	SRR8114071.metaspades.bin.18
SZAXPI018286-123_RA_dental.metaspades.bin.45	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	SZAXPI018286-123_RA_dental.metaspades.bin.45
SZAXPI018317-19_RA_dental.metaspades.bin.69	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	SZAXPI018317-19_RA_dental.metaspades.bin.69
SZAXPI018318-20_RA_dental.metaspades.bin.22	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	SZAXPI018318-20_RA_dental.metaspades.bin.22
SZAXPI018452-169_1_RA_saliva.metaspades.bin.16	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanogingivalaceae	Nanogingivalis	SZAXPI018452-169_1_RA_saliva.metaspades.bin.16
GCA_947253405.1_SRR17635715_bin.15_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	_947253405.1_SRR17635715_bin.15_metaWRAP_v1.3_MAG_genc	GCA_947253405.1_SRR17635715_bin.15_metaWRAP_v1.3_MAG_genomic
GCA_027492735.1_ASM2749273v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	GCA-016699895	GCA_027492735.1_ASM2749273v1_genomic
GCA_004138445.1_ASM413844v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	GCA_004138445.1_ASM413844v1_genomic
GCA_902461855.1_UHGG-TPA_MGYG-HGUT-00376_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	GCA_902461855.1_UHGG-TPA_MGYG-HGUT-00376_genomic
GCA_915070725.1_SRR1045092_bin.5_metaWRAP_v1.1_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	GCA_915070725.1_SRR1045092_bin.5_metaWRAP_v1.1_MAG_genomic
GCA_934725355.1_ERR7738173_bin.40_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	GCA_934725355.1_ERR7738173_bin.40_genomic
GCA_946997535.1_SRR16916865_bin.12_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	GCA_946997535.1_SRR16916865_bin.12_metaWRAP_v1.3_MAG_genomic
GCA_947090635.1_SRR11749285_bin.3_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	GCA_947090635.1_SRR11749285_bin.3_metaWRAP_v1.3_MAG_genomic
GCA_947253945.1_SRR17635701_bin.9_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	GCA_947253945.1_SRR17635701_bin.9_metaWRAP_v1.3_MAG_genomic
R0170300051_tooth_RA.megahit.bin.56	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300051_tooth_RA.megahit.bin.56
R0170300065_tooth_RA.megahit.bin.77	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300065_tooth_RA.megahit.bin.77
R0170300078_tooth_RA.megahit.bin.66	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300078_tooth_RA.megahit.bin.66
R0170300083_tooth_RA.megahit.bin.110	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300083_tooth_RA.megahit.bin.110
R0170300092_tooth_RA.megahit.bin.31	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300092_tooth_RA.megahit.bin.31
R0170300100_tooth_RA.megahit.bin.38	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300100_tooth_RA.megahit.bin.38
R0170300106_tooth_RA.megahit.bin.39	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300106_tooth_RA.megahit.bin.39
R0170300120_tooth_RA.megahit.bin.52	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300120_tooth_RA.megahit.bin.52
R0170300133_tooth_RA.megahit.bin.60	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300133_tooth_RA.megahit.bin.60
R0170300145_tooth_RA.megahit.bin.69	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300145_tooth_RA.megahit.bin.69
R0170300149_tooth_RA.megahit.bin.28	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300149_tooth_RA.megahit.bin.28
R0170300155_tooth_RA.megahit.bin.58	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300155_tooth_RA.megahit.bin.58
R0170300176_tooth_RA.megahit.bin.83	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300176_tooth_RA.megahit.bin.83
R0170300178_tooth_RA.megahit.bin.23	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300178_tooth_RA.megahit.bin.23
R0170300182_tooth_RA.megahit.bin.100	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300182_tooth_RA.megahit.bin.100
R0170300183_tooth_RA.megahit.bin.33	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300183_tooth_RA.megahit.bin.33
R0170300185_tooth_RA.megahit.bin.44	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300185_tooth_RA.megahit.bin.44
R0170300200_tooth_RA.megahit.bin.29	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300200_tooth_RA.megahit.bin.29
R0170300207_tooth_RA.megahit.bin.65	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300207_tooth_RA.megahit.bin.65
R0170300214_tooth_RA.megahit.bin.92	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300214_tooth_RA.megahit.bin.92
R0170300219_tooth_RA.megahit.bin.90	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300219_tooth_RA.megahit.bin.90
R0170300222_tooth_RA.megahit.bin.89	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300222_tooth_RA.megahit.bin.89
R0170300228_tooth_RA.megahit.bin.36	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300228_tooth_RA.megahit.bin.36
R0170300232_tooth_RA.megahit.bin.10	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300232_tooth_RA.megahit.bin.10
R0170300251_tooth_RAH.megahit.bin.36	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300251_tooth_RAH.megahit.bin.36
R0170300252_tooth_RAH.megahit.bin.32	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300252_tooth_RAH.megahit.bin.32
R0170300263_tooth_RAH.megahit.bin.26	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300263_tooth_RAH.megahit.bin.26
R0170300267_tooth_RAH.megahit.bin.18	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300267_tooth_RAH.megahit.bin.18

R0170300270_tooth_RAH.megahit.bin.32	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300270_tooth_RAH.megahit.bin.32
R0170300272_tooth_RAH.megahit.bin.14	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300272_tooth_RAH.megahit.bin.14
R0170300276_tooth_RAH.megahit.bin.88	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300276_tooth_RAH.megahit.bin.88
R0170300279_tooth_RAH.megahit.bin.30	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300279_tooth_RAH.megahit.bin.30
R0170300287_tooth_RAH.megahit.bin.151	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300287_tooth_RAH.megahit.bin.151
R0170300290_tooth_RAH.megahit.bin.12	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300290_tooth_RAH.megahit.bin.12
R0170300303_tooth_RAH.megahit.bin.143	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300303_tooth_RAH.megahit.bin.143
R0170300309_tooth_RAH.megahit.bin.15	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300309_tooth_RAH.megahit.bin.15
R0170300310_tooth_RAH.megahit.bin.34	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300310_tooth_RAH.megahit.bin.34
R0170300311_tooth_RAH.megahit.bin.92	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300311_tooth_RAH.megahit.bin.92
R0170300321_tooth_RAH.megahit.bin.95	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300321_tooth_RAH.megahit.bin.95
R0170300325_tooth_RA.megahit.bin.8	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300325_tooth_RA.megahit.bin.8
R0170300355_saliva_RA.megahit.bin.8	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	R0170300355_saliva_RA.megahit.bin.8
RDPYD18189858_A_saliva.metaspades.bin.62	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RDPYD18189858_A_saliva.metaspades.bin.62
RSZAXPI002305-14_RAH_dental.metaspades.bin.64	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002305-14_RAH_dental.metaspades.bin.64
RSZAXPI002310-19_RAH_dental.metaspades.bin.24	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002310-19_RAH_dental.metaspades.bin.24
RSZAXPI002312-21_RAH_dental.metaspades.bin.14	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002312-21_RAH_dental.metaspades.bin.14
RSZAXPI002321-33_RAH_dental.metaspades.bin.29	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002321-33_RAH_dental.metaspades.bin.29
RSZAXPI002330-47_RAH_dental.metaspades.bin.70	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002330-47_RAH_dental.metaspades.bin.70
RSZAXPI002455-75_RAH_dental.metaspades.bin.27	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002455-75_RAH_dental.metaspades.bin.27
RSZAXPI002456-79_RAH_dental.metaspades.bin.34	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002456-79_RAH_dental.metaspades.bin.34
RSZAXPI002604-26_RA_dental.metaspades.bin.6	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002604-26_RA_dental.metaspades.bin.6
RSZAXPI002614-22_RA_dental.metaspades.bin.18	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002614-22_RA_dental.metaspades.bin.18
RSZAXPI002619-34_RA_dental.metaspades.bin.45	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002619-34_RA_dental.metaspades.bin.45
RSZAXPI002620-35_RA_dental.metaspades.bin.60	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002620-35_RA_dental.metaspades.bin.60
RSZAXPI002629-81_RA_dental.metaspades.bin.82	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002629-81_RA_dental.metaspades.bin.82
RSZAXPI002639-98_RA_dental.metaspades.bin.8	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002639-98_RA_dental.metaspades.bin.8
RSZAXPI002656-16_RA_dental.metaspades.bin.48	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZAXPI002656-16_RA_dental.metaspades.bin.48
RSZYD18078570_A_saliva.metaspades.bin.17	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZYD18078570_A_saliva.metaspades.bin.17
RSZYD18187275_A_saliva.metaspades.bin.59	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZYD18187275_A_saliva.metaspades.bin.59
RSZYD18187330_A_saliva.metaspades.bin.47	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZYD18187330_A_saliva.metaspades.bin.47
RSZYD18187666_A_saliva.metaspades.bin.39	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	RSZYD18187666_A_saliva.metaspades.bin.39
SZAXPI018094-15_RA_dental.metaspades.bin.29	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018094-15_RA_dental.metaspades.bin.29
SZAXPI018096-17_RA_dental.metaspades.bin.67	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018096-17_RA_dental.metaspades.bin.67
SZAXPI018171-25_1_RA_dental.metaspades.bin.83	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018171-25_1_RA_dental.metaspades.bin.83
SZAXPI018178-34_RA_dental.metaspades.bin.52	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018178-34_RA_dental.metaspades.bin.52
SZAXPI018181-37_RA_dental.metaspades.bin.33	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018181-37_RA_dental.metaspades.bin.33
SZAXPI018279-94_RA_dental.metaspades.bin.16	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018279-94_RA_dental.metaspades.bin.16
SZAXPI018282-108_RA_dental.metaspades.bin.70	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018282-108_RA_dental.metaspades.bin.70
SZAXPI018284-111_RA_dental.metaspades.bin.3	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018284-111_RA_dental.metaspades.bin.3
SZAXPI018313-15_RA_dental.metaspades.bin.43	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018313-15_RA_dental.metaspades.bin.43
SZAXPI018354-19_RA_saliva.metaspades.bin.2	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018354-19_RA_saliva.metaspades.bin.2
SZAXPI018396-36_RA_saliva.metaspades.bin.56	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018396-36_RA_saliva.metaspades.bin.56
SZAXPI018435-88_RA_saliva.metaspades.bin.58	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	SZAXPI018435-88_RA_saliva.metaspades.bin.58
YS000254_saliva.spades.bin.23	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanoperiomorbaceae	Nanoperiomorbus	YS000254_saliva.spades.bin.23
GCA_010014515.1_ASM1001451v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	GCA_010014515.1_ASM1001451v1_genomic
GCA_021222645.1_ASM2122264v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	GCA_021222645.1_ASM2122264v1_genomic
GCA_022819365.1_ASM2281936v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	GCA_022819365.1_ASM2281936v1_genomic
GCA_022828255.1_ASM2282825v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	GCA_022828255.1_ASM2282825v1_genomic
GCA_022828325.1_ASM2282832v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	GCA_022828325.1_ASM2282832v1_genomic
GCA_022828375.1_ASM2282837v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	GCA_022828375.1_ASM2282837v1_genomic
GCA_904425485.1_PRJEB35131-2_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	GCA_904425485.1_PRJEB35131-2_genomic
GCA_946893605.1_PRJEB56001_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	GCA_946893605.1_PRJEB56001_genomic
GCA_947095985.1_SRR8786266_bin.1_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	GCA_947095985.1_SRR8786266_bin.1_metaWRAP_v1.3_MAG_genomic
R0170300062_tooth_RA.megahit.bin.52	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300062_tooth_RA.megahit.bin.52
R0170300071_tooth_RA.megahit.bin.81	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300071_tooth_RA.megahit.bin.81
R0170300092_tooth_RA.megahit.bin.69	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300092_tooth_RA.megahit.bin.69
R0170300157_tooth_RA.megahit.bin.55	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300157_tooth_RA.megahit.bin.55
R0170300179_tooth_RA.megahit.bin.1	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300179_tooth_RA.megahit.bin.1
R0170300189_tooth_RA.megahit.bin.69	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300189_tooth_RA.megahit.bin.69
R0170300197_tooth_RA.megahit.bin.71	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300197_tooth_RA.megahit.bin.71
R0170300198_tooth_RA.megahit.bin.28	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300198_tooth_RA.megahit.bin.28
R0170300231_tooth_RA.megahit.bin.16	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300231_tooth_RA.megahit.bin.16
R0170300289_tooth_RAH.megahit.bin.75	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300289_tooth_RAH.megahit.bin.75
R0170300304_tooth_RAH.megahit.bin.45	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300304_tooth_RAH.megahit.bin.45
R0170300309_tooth_RAH.megahit.bin.70	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	R0170300309_tooth_RAH.megahit.bin.70
RDPYD18075172_A_saliva.metaspades.bin.27	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18075172_A_saliva.metaspades.bin.27
RDPYD18088830_A_saliva.metaspades.bin.38	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18088830_A_saliva.metaspades.bin.38
RDPYD18088984_A_saliva.metaspades.bin.13	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18088984_A_saliva.metaspades.bin.13
RDPYD18093589_A_saliva.metaspades.bin.27	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18093589_A_saliva.metaspades.bin.27
RDPYD18098341_A_saliva.metaspades.bin.33	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18098341_A_saliva.metaspades.bin.33
RDPYD18098770_A_saliva.metaspades.bin.53	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18098770_A_saliva.metaspades.bin.53
RDPYD18098912_A_saliva.metaspades.bin.17	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18098912_A_saliva.metaspades.bin.17
RDPYD18099005_A_saliva.metaspades.bin.66	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18099005_A_saliva.metaspades.bin.66
RDPYD18099019_A_saliva.metaspades.bin.28	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18099019_A_saliva.metaspades.bin.28
RDPYD18189828_A_saliva.metaspades.bin.6	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18189828_A_saliva.metaspades.bin.6
RDPYD18189875_A_saliva.metaspades.bin.4	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18189875_A_saliva.metaspades.bin.4
RDPYD18189916_A_saliva.metaspades.bin.45	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18189916_A_saliva.metaspades.bin.45
RDPYD18189925_A_saliva.metaspades.bin.14	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18189925_A_saliva.metaspades.bin.14
RDPYD18201627_A_saliva.metaspades.bin.4	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18201627_A_saliva.metaspades.bin.4
RDPYD18201650_A_saliva.metaspades.bin.5	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18201650_A_saliva.metaspades.bin.5
RDPYD18300014_A_saliva.metaspades.bin.15	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18300014_A_saliva.metaspades.bin.15
RDPYD18300036_A_saliva.metaspades.bin.65	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18300036_A_saliva.metaspades.bin.65
RDPYD18300328_A_saliva.metaspades.bin.32	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RDPYD18300328_A_saliva.metaspades.bin.32
RSZAXPI002324-37_RAH_dental.metaspades.bin.42	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZAXPI002324-37_RAH_dental.metaspades.bin.42
RSZAXPI002325-39_RAH_dental.metaspades.bin.28	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZAXPI002325-39_RAH_dental.metaspades.bin.28
RSZAXPI002604-26_RA_dental.metaspades.bin.30	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZAXPI002604-26_RA_dental.metaspades.bin.30
RSZAXPI002620-35_RA_dental.metaspades.bin.1	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZAXPI002620-35_RA_dental.metaspades.bin.1
RSZAXPI002635-94_RA_dental.metaspades.bin.41	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZAXPI002635-94_RA_dental.metaspades.bin.41
RSZAXPI002636-95_RA_dental.metaspades.bin.22	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZAXPI002636-95_RA_dental.metaspades.bin.22
RSZAXPI002641-101_RA_dental.metaspades.bin.19	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZAXPI002641-101_RA_dental.metaspades.bin.19
RSZAXPI002653-13_RA_saliva.metaspades.bin.70	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZAXPI002653-13_RA_saliva.metaspades.bin.70
RSZAXPI002682-32_RA_saliva.metaspades.bin.12	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZAXPI002682-32_RA_saliva.metaspades.bin.12
RSZYD18078153_A_saliva.metaspades.bin.25	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18078153_A_saliva.metaspades.bin.25
RSZYD18078161_A_saliva.metaspades.bin.1	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18078161_A_saliva.metaspades.bin.1
RSZYD18078259_A_saliva.metaspades.bin.16	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18078259_A_saliva.metaspades.bin.16
RSZYD18078343_A_saliva.metaspades.bin.21	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18078343_A_saliva.metaspades.bin.21
RSZYD18078550_A_saliva.metaspades.bin.59	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18078550_A_saliva.metaspades.bin.59
RSZYD18078609_A_saliva.metaspades.bin.12	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18078609_A_saliva.metaspades.bin.12
RSZYD18078673_A_saliva.metaspades.bin.3	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18078673_A_saliva.metaspades.bin.3
RSZYD18078746_A_saliva.metaspades.bin.2	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18078746_A_saliva.metaspades.bin.2
RSZYD18078773_A_saliva.metaspades.bin.71	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18078773_A_saliva.metaspades.bin.71
RSZYD18187034_A_saliva.metaspades.bin.52	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187034_A_saliva.metaspades.bin.52
RSZYD18187171_A_saliva.metaspades.bin.47	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187171_A_saliva.metaspades.bin.47
RSZYD18187200_A_saliva.metaspades.bin.37	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187200_A_saliva.metaspades.bin.37
RSZYD18187237_A_saliva.metaspades.bin.71	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187237_A_saliva.metaspades.bin.71
RSZYD18187312_A_saliva.metaspades.bin.49	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187312_A_saliva.metaspades.bin.49
RSZYD18187427_A_saliva.metaspades.bin.75	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187427_A_saliva.metaspades.bin.75
RSZYD18187466_A_saliva.metaspades.bin.39	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187466_A_saliva.metaspades.bin.39
RSZYD18187514_A_saliva.metaspades.bin.23	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187514_A_saliva.metaspades.bin.23
RSZYD18187540_A_saliva.metaspades.bin.35	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187540_A_saliva.metaspades.bin.35
RSZYD18187640_A_saliva.metaspades.bin.22	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187640_A_saliva.metaspades.bin.22
RSZYD18187656_A_saliva.metaspades.bin.41	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187656_A_saliva.metaspades.bin.41
RSZYD18187676_A_saliva.metaspades.bin.32	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187676_A_saliva.metaspades.bin.32
RSZYD18187722_A_saliva.metaspades.bin.7	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	RSZYD18187722_A_saliva.metaspades.bin.7
SRR8114009.metaspades.bin.3	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SRR8114009.metaspades.bin.3
SRR8114034.metaspades.bin.21	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SRR8114034.metaspades.bin.21
SRR8114041.metaspades.bin.6	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SRR8114041.metaspades.bin.6
SZAXPI011699-166_RA_dental.metaspades.bin.36	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SZAXPI011699-166_RA_dental.metaspades.bin.36
SZAXPI018092-13_RA_dental.metaspades.bin.61	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SZAXPI018092-13_RA_dental.metaspades.bin.61
SZAXPI018098-19_RA_dental.metaspades.bin.53	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SZAXPI018098-19_RA_dental.metaspades.bin.53
SZAXPI018171-25_1_RA_dental.metaspades.bin.52	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SZAXPI018171-25_1_RA_dental.metaspades.bin.52
SZAXPI018174-30_RA_dental.metaspades.bin.36	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SZAXPI018174-30_RA_dental.metaspades.bin.36
SZAXPI018177-33_RA_dental.metaspades.bin.61	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SZAXPI018177-33_RA_dental.metaspades.bin.61
SZAXPI018181-37_RA_dental.metaspades.bin.31	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SZAXPI018181-37_RA_dental.metaspades.bin.31
SZAXPI018283-109_RA_dental.metaspades.bin.24	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SZAXPI018283-109_RA_dental.metaspades.bin.24
SZAXPI018317-19_RA_dental.metaspades.bin.31	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SZAXPI018317-19_RA_dental.metaspades.bin.31
SZAXPI018400-40_RA_saliva.metaspades.bin.35	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	SZAXPI018400-40_RA_saliva.metaspades.bin.35
YS000131_saliva.spades.bin.17	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000131_saliva.spades.bin.17
YS000205_saliva.spades.bin.1	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000205_saliva.spades.bin.1
YS000208_saliva.spades.bin.26	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000208_saliva.spades.bin.26
YS000282_saliva.spades.bin.24	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000282_saliva.spades.bin.24
YS000324_saliva.spades.bin.7	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000324_saliva.spades.bin.7
YS000364_saliva.spades.bin.27	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000364_saliva.spades.bin.27
YS000394_saliva.spades.bin.25	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000394_saliva.spades.bin.25
YS000462_saliva.spades.bin.8	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000462_saliva.spades.bin.8
YS000545_saliva.spades.bin.26	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000545_saliva.spades.bin.26
YS000546_saliva.spades.bin.3	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000546_saliva.spades.bin.3
YS000678_saliva.spades.bin.12	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000678_saliva.spades.bin.12
YS000726_saliva.spades.bin.20	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000726_saliva.spades.bin.20
YS000758_saliva.spades.bin.5	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000758_saliva.spades.bin.5
YS000915_saliva.spades.bin.1	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000915_saliva.spades.bin.1
YS000918_saliva.spades.bin.33	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS000918_saliva.spades.bin.33
YS001069_saliva.spades.bin.6	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS001069_saliva.spades.bin.6
YS001090_saliva.spades.bin.11	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS001090_saliva.spades.bin.11
YS001132_saliva.spades.bin.25	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosynbacteraceae	Nanosynbacter	YS001132_saliva.spades.bin.25
GCA_017403895.1_ASM1740389v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017403895.1_ASM1740389v1_genomic
GCA_017404485.1_ASM1740448v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017404485.1_ASM1740448v1_genomic
GCA_017404845.1_ASM1740484v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017404845.1_ASM1740484v1_genomic
GCA_017407085.1_ASM1740708v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017407085.1_ASM1740708v1_genomic
GCA_017430785.1_ASM1743078v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017430785.1_ASM1743078v1_genomic
GCA_017431085.1_ASM1743108v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017431085.1_ASM1743108v1_genomic
GCA_017433185.1_ASM1743318v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017433185.1_ASM1743318v1_genomic
GCA_017433845.1_ASM1743384v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017433845.1_ASM1743384v1_genomic
GCA_017459765.1_ASM1745976v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017459765.1_ASM1745976v1_genomic
GCA_017460165.1_ASM1746016v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017460165.1_ASM1746016v1_genomic
GCA_017482785.1_ASM1748278v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017482785.1_ASM1748278v1_genomic
GCA_017510025.1_ASM1751002v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017510025.1_ASM1751002v1_genomic
GCA_017510205.1_ASM1751020v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017510205.1_ASM1751020v1_genomic
GCA_017510665.1_ASM1751066v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017510665.1_ASM1751066v1_genomic
GCA_017510905.1_ASM1751090v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017510905.1_ASM1751090v1_genomic

GCA_017512225.1_ASM1751222v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017512225.1_ASM1751222v1_genomic
GCA_017512925.1_ASM1751292v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017512925.1_ASM1751292v1_genomic
GCA_017514145.1_ASM1751414v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017514145.1_ASM1751414v1_genomic
GCA_017514865.1_ASM1751486v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017514865.1_ASM1751486v1_genomic
GCA_017515265.1_ASM1751526v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017515265.1_ASM1751526v1_genomic
GCA_017515785.1_ASM1751578v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017515785.1_ASM1751578v1_genomic
GCA_017557805.1_ASM1755780v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017557805.1_ASM1755780v1_genomic
GCA_017651125.1_ASM1765112v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_017651125.1_ASM1765112v1_genomic
GCA_024697865.1_ASM2469786v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_024697865.1_ASM2469786v1_genomic
GCA_024699125.1_ASM2469912v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_024699125.1_ASM2469912v1_genomic
GCA_945872155.1_SRR15732359_bin.8_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_945872155.1_SRR15732359_bin.8_metaWRAP_v1.3_MAG_genomic
GCA_946405975.1_SRR12081303_bin.106_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_946405975.1_SRR12081303_bin.106_metaWRAP_v1.3_MAG_genomic
GCA_946408595.1_SRR12081297_bin.13_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_946408595.1_SRR12081297_bin.13_metaWRAP_v1.3_MAG_genomic
GCA_946414345.1_SRR12081302_bin.4_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_946414345.1_SRR12081302_bin.4_metaWRAP_v1.3_MAG_genomic
GCA_946414465.1_SRR12081303_bin.63_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_946414465.1_SRR12081303_bin.63_metaWRAP_v1.3_MAG_genomic
GCA_946548715.1_SRR1222429_bin.13_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_946548715.1_SRR1222429_bin.13_metaWRAP_v1.3_MAG_genomic
GCA_947068245.1_SRR12358625_bin.21_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947068245.1_SRR12358625_bin.21_metawrap_v1.3_MAG_genomic
GCA_947087275.1_SRR14038240_bin.4_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947087275.1_SRR14038240_bin.4_metawrap_v1.3_MAG_genomic
GCA_947089645.1_SRR14038237_bin.40_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947089645.1_SRR14038237_bin.40_metawrap_v1.3_MAG_genomic
GCA_947165465.1_SRR8387716_bin.80_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947165465.1_SRR8387716_bin.80_metaWRAP_v1.3_MAG_genomic
GCA_947165975.1_SRR8387714_bin.97_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947165975.1_SRR8387714_bin.97_metaWRAP_v1.3_MAG_genomic
GCA_947166125.1_SRR8387714_bin.9_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947166125.1_SRR8387714_bin.9_metaWRAP_v1.3_MAG_genomic
GCA_947296925.1_SRR19390379_bin.6_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947296925.1_SRR19390379_bin.6_metawrap_v1.3_MAG_genomic
GCA_947302355.1_SRR10912539_bin.48_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947302355.1_SRR10912539_bin.48_metaWRAP_v1.3_MAG_genomic
GCA_947302975.1_SRR10912535_bin.55_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947302975.1_SRR10912535_bin.55_metaWRAP_v1.3_MAG_genomic
GCA_947304135.1_SRR10912535_bin.47_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947304135.1_SRR10912535_bin.47_metaWRAP_v1.3_MAG_genomic
GCA_947304155.1_SRR10912535_bin.54_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947304155.1_SRR10912535_bin.54_metaWRAP_v1.3_MAG_genomic
GCA_947304825.1_SRR10912542_bin.28_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947304825.1_SRR10912542_bin.28_metaWRAP_v1.3_MAG_genomic
GCA_947306055.1_SRR10912535_bin.62_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947306055.1_SRR10912535_bin.62_metaWRAP_v1.3_MAG_genomic
GCA_947307355.1_SRR10912536_bin.13_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947307355.1_SRR10912536_bin.13_metaWRAP_v1.3_MAG_genomic
GCA_947346675.1_SRR14629574_bin.28_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947346675.1_SRR14629574_bin.28_metawrap_v1.3_MAG_genomic
GCA_947364965.1_SRR16350202_bin.8_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947364965.1_SRR16350202_bin.8_metawrap_v1.3_MAG_genomic
GCA_947368805.1_SRR15431190_bin.13_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947368805.1_SRR15431190_bin.13_metawrap_v1.3_MAG_genomic
GCA_947385605.1_ERR6760111_bin.57_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947385605.1_ERR6760111_bin.57_metawrap_v1.3_MAG_genomic
GCA_947388495.1_SRR15214593_bin.20_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947388495.1_SRR15214593_bin.20_metawrap_v1.3_MAG_genomic
GCA_947425245.1_SRR19981124_bin.25_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947425245.1_SRR19981124_bin.25_metawrap_v1.3_MAG_genomic
GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947425855.1_SRR19981115_bin.7_metawrap_v1.3_MAG_genomic
GCA_947425995.1_SRR19981123_bin.1_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947425995.1_SRR19981123_bin.1_metawrap_v1.3_MAG_genomic
GCA_947427335.1_SRR18439536_bin.19_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947427335.1_SRR18439536_bin.19_metawrap_v1.3_MAG_genomic
GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947428935.1_SRR19981124_bin.14_metawrap_v1.3_MAG_genomic
GCA_947569885.1_SRR15604579_bin.36_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947569885.1_SRR15604579_bin.36_metawrap_v1.3_MAG_genomic
GCA_947648615.1_SRR15633991_bin.36_metawrap_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	GCA_947648615.1_SRR15633991_bin.36_metawrap_v1.3_MAG_genomic
R0170300146_tooth_RA.megahit.bin.30	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300146_tooth_RA.megahit.bin.30
R0170300161_tooth_RA.megahit.bin.150	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300161_tooth_RA.megahit.bin.150
R0170300162_tooth_RA.megahit.bin.89	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300162_tooth_RA.megahit.bin.89
R0170300223_tooth_RA.megahit.bin.10	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300223_tooth_RA.megahit.bin.10
R0170300233_tooth_RA.megahit.bin.80	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300233_tooth_RA.megahit.bin.80
R0170300264_tooth_RAH.megahit.bin.17	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300264_tooth_RAH.megahit.bin.17
R0170300287_tooth_RAH.megahit.bin.150	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300287_tooth_RAH.megahit.bin.150
R0170300292_tooth_RAH.megahit.bin.19	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300292_tooth_RAH.megahit.bin.19
R0170300298_tooth_RAH.megahit.bin.124	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300298_tooth_RAH.megahit.bin.124
R0170300378_saliva_RAH.megahit.bin.36	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300378_saliva_RAH.megahit.bin.36
R0170300392_saliva_RAH.megahit.bin.14	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	R0170300392_saliva_RAH.megahit.bin.14
RDPYD18088951_A_saliva.metaspades.bin.87	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18088951_A_saliva.metaspades.bin.87
RDPYD18088979_A_saliva.metaspades.bin.8	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18088979_A_saliva.metaspades.bin.8
RDPYD18088981_A_saliva.metaspades.bin.1	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18088981_A_saliva.metaspades.bin.1
RDPYD18098585_A_saliva.metaspades.bin.25	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18098585_A_saliva.metaspades.bin.25
RDPYD18123880_A_tongue.metaspades.bin.23	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18123880_A_tongue.metaspades.bin.23
RDPYD18189835_A_saliva.metaspades.bin.31	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18189835_A_saliva.metaspades.bin.31
RDPYD18189959_A_saliva.metaspades.bin.31	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18189959_A_saliva.metaspades.bin.31
RDPYD18189966_A_saliva.metaspades.bin.40	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18189966_A_saliva.metaspades.bin.40
RDPYD18201655_A_saliva.metaspades.bin.21	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18201655_A_saliva.metaspades.bin.21
RDPYD18300015_A_saliva.metaspades.bin.29	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18300015_A_saliva.metaspades.bin.29
RDPYD18300036_A_saliva.metaspades.bin.53	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18300036_A_saliva.metaspades.bin.53
RDPYD18300081_A_saliva.metaspades.bin.28	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18300081_A_saliva.metaspades.bin.28
RDPYD18300091_A_saliva.metaspades.bin.68	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18300091_A_saliva.metaspades.bin.68
RDPYD18300101_A_saliva.metaspades.bin.92	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18300101_A_saliva.metaspades.bin.92
RDPYD18300175_A_saliva.metaspades.bin.54	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18300175_A_saliva.metaspades.bin.54
RDPYD18300377_A_saliva.metaspades.bin.20	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RDPYD18300377_A_saliva.metaspades.bin.20
RSZAXPI002313-22_RAH_dental.metaspades.bin.87	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZAXPI002313-22_RAH_dental.metaspades.bin.87
RSZAXPI002479-169_2_RAH_saliva.metaspades.bin.78	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZAXPI002479-169_2_RAH_saliva.metaspades.bin.78
RSZAXPI002619-34_RA_dental.metaspades.bin.5	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZAXPI002619-34_RA_dental.metaspades.bin.5
RSZAXPI002622-39_RA_saliva.metaspades.bin.19	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZAXPI002622-39_RA_saliva.metaspades.bin.19
RSZYD18078100_A_saliva.metaspades.bin.89	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078100_A_saliva.metaspades.bin.89
RSZYD18078115_A_saliva.metaspades.bin.19	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078115_A_saliva.metaspades.bin.19
RSZYD18078115_A_saliva.metaspades.bin.40	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078115_A_saliva.metaspades.bin.40
RSZYD18078148_A_saliva.metaspades.bin.14	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078148_A_saliva.metaspades.bin.14
RSZYD18078181_A_saliva.metaspades.bin.24	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078181_A_saliva.metaspades.bin.24
RSZYD18078217_A_saliva.metaspades.bin.95	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078217_A_saliva.metaspades.bin.95
RSZYD18078259_A_saliva.metaspades.bin.22	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078259_A_saliva.metaspades.bin.22
RSZYD18078322_A_saliva.metaspades.bin.73	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078322_A_saliva.metaspades.bin.73
RSZYD18078325_A_saliva.metaspades.bin.95	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078325_A_saliva.metaspades.bin.95
RSZYD18078343_A_saliva.metaspades.bin.34	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078343_A_saliva.metaspades.bin.34
RSZYD18078398_A_saliva.metaspades.bin.15	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078398_A_saliva.metaspades.bin.15
RSZYD18078542_A_saliva.metaspades.bin.52	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078542_A_saliva.metaspades.bin.52
RSZYD18078615_A_saliva.metaspades.bin.32	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078615_A_saliva.metaspades.bin.32
RSZYD18078695_A_saliva.metaspades.bin.25	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078695_A_saliva.metaspades.bin.25
RSZYD18078769_A_saliva.metaspades.bin.60	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078769_A_saliva.metaspades.bin.60
RSZYD18078798_A_saliva.metaspades.bin.24	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18078798_A_saliva.metaspades.bin.24
RSZYD18187002_A_saliva.metaspades.bin.39	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187002_A_saliva.metaspades.bin.39
RSZYD18187174_A_saliva.metaspades.bin.29	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187174_A_saliva.metaspades.bin.29
RSZYD18187184_A_saliva.metaspades.bin.14	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187184_A_saliva.metaspades.bin.14
RSZYD18187234_A_saliva.metaspades.bin.82	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187234_A_saliva.metaspades.bin.82
RSZYD18187261_A_saliva.metaspades.bin.68	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187261_A_saliva.metaspades.bin.68
RSZYD18187327_A_saliva.metaspades.bin.15	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187327_A_saliva.metaspades.bin.15
RSZYD18187330_A_saliva.metaspades.bin.30	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187330_A_saliva.metaspades.bin.30
RSZYD18187336_A_saliva.metaspades.bin.56	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187336_A_saliva.metaspades.bin.56
RSZYD18187344_A_saliva.metaspades.bin.71	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187344_A_saliva.metaspades.bin.71
RSZYD18187350_A_saliva.metaspades.bin.64	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187350_A_saliva.metaspades.bin.64
RSZYD18187492_A_saliva.metaspades.bin.15	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187492_A_saliva.metaspades.bin.15
RSZYD18187503_A_saliva.metaspades.bin.19	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187503_A_saliva.metaspades.bin.19
RSZYD18187652_A_saliva.metaspades.bin.2	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187652_A_saliva.metaspades.bin.2
RSZYD18187690_A_saliva.metaspades.bin.43	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	RSZYD18187690_A_saliva.metaspades.bin.43
SZAXPI018312-14_RA_dental.metaspades.bin.62	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	SZAXPI018312-14_RA_dental.metaspades.bin.62
SZAXPI018358-23_RA_saliva.metaspades.bin.53	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	SZAXPI018358-23_RA_saliva.metaspades.bin.53
SZAXPI018394-33_RA_saliva.metaspades.bin.17	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	SZAXPI018394-33_RA_saliva.metaspades.bin.17
SZAXPI018397-37_RA_saliva.metaspades.bin.18	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	SZAXPI018397-37_RA_saliva.metaspades.bin.18
SZAXPI018406-56_RA_saliva.metaspades.bin.70	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	SZAXPI018406-56_RA_saliva.metaspades.bin.70
SZAXPI018492-24_RA_saliva.metaspades.bin.47	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	SZAXPI018492-24_RA_saliva.metaspades.bin.47
SZAXPI018493-25_RA_saliva.metaspades.bin.44	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	Nanosyncoccus	SZAXPI018493-25_RA_saliva.metaspades.bin.44
SZAXPI018406-56_RA_saliva.metaspades.bin.71	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	SZAXPI018406-56_RA_saliva.metaspades.bin.71	SZAXPI018406-56_RA_saliva.metaspades.bin.71
GCA_016283505.1_ASM1628350v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	GCA_016283505.1_ASM1628350v1_genomic
GCA_017541245.1_ASM1754124v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	GCA_017541245.1_ASM1754124v1_genomic
GCA_024682595.1_ASM2468259v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	GCA_024682595.1_ASM2468259v1_genomic
GCA_946406315.1_SRR12081301_bin.45_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	GCA_946406315.1_SRR12081301_bin.45_metaWRAP_v1.3_MAG_genomic
GCA_946406645.1_SRR12081302_bin.54_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	GCA_946406645.1_SRR12081302_bin.54_metaWRAP_v1.3_MAG_genomic
GCA_946408075.1_SRR12081296_bin.6_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	GCA_946408075.1_SRR12081296_bin.6_metaWRAP_v1.3_MAG_genomic
GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	GCA_946530965.1_SRR873598_bin.145_metaWRAP_v1.3_MAG_genomic
GCA_946624835.1_SRR873600_bin.13_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	GCA_946624835.1_SRR873600_bin.13_metaWRAP_v1.3_MAG_genomic
GCA_947303945.1_SRR10912540_bin.27_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	GCA_947303945.1_SRR10912540_bin.27_metaWRAP_v1.3_MAG_genomic
GCA_947304395.1_SRR10912535_bin.78_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Nanosyncoccaceae	UBA2834	GCA_947304395.1_SRR10912535_bin.78_metaWRAP_v1.3_MAG_genomic
GCA_943353165.1_RH-20apr16-349_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	OMJO01	OMJO01	GCA_943353165.1_RH-20apr16-349_genomic
GCA_017983575.1_ASM1798357v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	GCA_017983575.1_ASM1798357v1_genomic
GCA_020428275.1_ASM2042827v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	GCA_020428275.1_ASM2042827v1_genomic
GCA_027428095.1_ASM2742809v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	GCA_027428095.1_ASM2742809v1_genomic
GCA_027492535.1_ASM2749253v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	GCA_027492535.1_ASM2749253v1_genomic
GCA_927910745.1_ERR3827327_bin.3_metaWRAP_v1.1_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	GCA_927910745.1_ERR3827327_bin.3_metaWRAP_v1.1_MAG_genomic
GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	GCA_945873065.1_SRR15732359_bin.18_metaWRAP_v1.3_MAG_genomic
GCA_946222005.1_ZZEVbxAAOO_bin.25.MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	GCA_946222005.1_ZZEVbxAAOO_bin.25.MAG_genomic
R0170300051_tooth_RA.megahit.bin.53	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300051_tooth_RA.megahit.bin.53
R0170300057_tooth_RA.megahit.bin.6	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300057_tooth_RA.megahit.bin.6
R0170300061_tooth_RA.megahit.bin.12	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300061_tooth_RA.megahit.bin.12
R0170300062_tooth_RA.megahit.bin.61	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300062_tooth_RA.megahit.bin.61
R0170300106_tooth_RA.megahit.bin.47	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300106_tooth_RA.megahit.bin.47
R0170300120_tooth_RA.megahit.bin.28	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300120_tooth_RA.megahit.bin.28
R0170300124_tooth_RA.megahit.bin.51	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300124_tooth_RA.megahit.bin.51
R0170300147_tooth_RA.megahit.bin.4	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300147_tooth_RA.megahit.bin.4
R0170300170_tooth_RA.megahit.bin.155	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300170_tooth_RA.megahit.bin.155
R0170300179_tooth_RA.megahit.bin.15	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300179_tooth_RA.megahit.bin.15
R0170300189_tooth_RA.megahit.bin.1	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300189_tooth_RA.megahit.bin.1
R0170300203_tooth_RA.megahit.bin.94	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300203_tooth_RA.megahit.bin.94
R0170300213_tooth_RA.megahit.bin.30	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300213_tooth_RA.megahit.bin.30
R0170300222_tooth_RA.megahit.bin.94	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300222_tooth_RA.megahit.bin.94
R0170300252_tooth_RAH.megahit.bin.91	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300252_tooth_RAH.megahit.bin.91
R0170300258_tooth_RAH.megahit.bin.41	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300258_tooth_RAH.megahit.bin.41
R0170300282_tooth_RAH.megahit.bin.3	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300282_tooth_RAH.megahit.bin.3
R0170300295_tooth_RAH.megahit.bin.55	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300295_tooth_RAH.megahit.bin.55
R0170300319_tooth_RAH.megahit.bin.124	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	R0170300319_tooth_RAH.megahit.bin.124
RDPYD18300059_A_saliva.metaspades.bin.13	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	RDPYD18300059_A_saliva.metaspades.bin.13
RDPYD18300192_A_saliva.metaspades.bin.52	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	RDPYD18300192_A_saliva.metaspades.bin.52
RSZAXPI002316-25_RAH_dental.metaspades.bin.26	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	RSZAXPI002316-25_RAH_dental.metaspades.bin.26
RSZAXPI002323-35_RAH_dental.metaspades.bin.28	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	RSZAXPI002323-35_RAH_dental.metaspades.bin.28
RSZAXPI002633-90_RA_dental.metaspades.bin.49	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	RSZAXPI002633-90_RA_dental.metaspades.bin.49
RSZAXPI002650-142_RA_saliva.metaspades.bin.28	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	RSZAXPI002650-142_RA_saliva.metaspades.bin.28
RSZAXPI002675-22_RA_dental.metaspades.bin.61	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	RSZAXPI002675-22_RA_dental.metaspades.bin.61
SZAXPI018092-13_RA_dental.metaspades.bin.42	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018092-13_RA_dental.metaspades.bin.42
SZAXPI018096-17_RA_dental.metaspades.bin.23	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018096-17_RA_dental.metaspades.bin.23
SZAXPI018176-32_RA_dental.metaspades.bin.12	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018176-32_RA_dental.metaspades.bin.12
SZAXPI018184-41_RA_dental.metaspades.bin.37	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018184-41_RA_dental.metaspades.bin.37
SZAXPI018189-47_RA_dental.metaspades.bin.40	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018189-47_RA_dental.metaspades.bin.40
SZAXPI018280-95_RA_dental.metaspades.bin.20	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018280-95_RA_dental.metaspades.bin.20

SZAXPI018280-95_RA_dental.metaspades.bin.36	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018280-95_RA_dental.metaspades.bin.36
SZAXPI018281-102_RA_dental.metaspades.bin.20	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018281-102_RA_dental.metaspades.bin.20
SZAXPI018284-111_RA_dental.metaspades.bin.60	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018284-111_RA_dental.metaspades.bin.60
SZAXPI018288-133_RA_dental.metaspades.bin.4	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018288-133_RA_dental.metaspades.bin.4
SZAXPI018316-18_RA_dental.metaspades.bin.5	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018316-18_RA_dental.metaspades.bin.5
SZAXPI018318-20_RA_dental.metaspades.bin.6	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018318-20_RA_dental.metaspades.bin.6
SZAXPI018488-20_RA_saliva.metaspades.bin.49	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	Saccharimonas	SZAXPI018488-20_RA_saliva.metaspades.bin.49
GCA_020428005.1_ASM2042800v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	SLHW01	GCA_020428005.1_ASM2042800v1_genomic	GCA_020428005.1_ASM2042800v1_genomic
GCA_024635455.1_ASM2463545v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	SLHW01	GCA_024635455.1_ASM2463545v1_genomic	GCA_024635455.1_ASM2463545v1_genomic
GCA_025273655.1_ASM2527365v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	GCA_025273655.1_ASM2527365v1_genomic	GCA_025273655.1_ASM2527365v1_genomic
GCA_027492635.1_ASM2749263v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	GCA_027492635.1_ASM2749263v1_genomic	GCA_027492635.1_ASM2749263v1_genomic
SZAXPI018357-22_RA_saliva.metaspades.bin.71	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10027	SDRW01	SZAXPI018357-22_RA_saliva.metaspades.bin.71
GCA_020428315.1_ASM2042831v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	GCA_020428315.1_ASM2042831v1_genomic	GCA_020428315.1_ASM2042831v1_genomic
GCA_014377345.1_ASM1437734v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	GCA_014377345.1_ASM1437734v1_genomic
GCA_023257815.1_ASM2325781v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	GCA_023257815.1_ASM2325781v1_genomic
GCA_023259925.1_ASM2325992v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1020	UBA1020	GCA_023259925.1_ASM2325992v1_genomic
GCA_016183515.1_ASM1618351v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	GCA_016183515.1_ASM1618351v1_genomic	GCA_016183515.1_ASM1618351v1_genomic
GCA_019662065.1_ASM1966206v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	GCA_019662065.1_ASM1966206v1_genomic	GCA_019662065.1_ASM1966206v1_genomic
GCA_022841445.1_ASM2284144v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	GCA_022841445.1_ASM2284144v1_genomic	GCA_022841445.1_ASM2284144v1_genomic
GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	A_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG_geno	GCA_946478715.1_SRR10754055_bin.5_metawrap_v1.3.0_MAG_genomic
GCA_025934715.1_ASM2593471v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212	JACDFN01	GCA_025934715.1_ASM2593471v1_genomic
GCA_025449905.1_ASM2544990v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA10212_A	2-02-FULL-47-12	GCA_025449905.1_ASM2544990v1_genomic
GCA_027450165.1_ASM2745016v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	GCA_027450165.1_ASM2745016v1_genomic	GCA_027450165.1_ASM2745016v1_genomic
GCA_022736555.1_ASM2273655v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	GCA_022736555.1_ASM2273655v1_genomic
GCA_026395405.1_ASM2639540v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA1547	GCA_026395405.1_ASM2639540v1_genomic
GCA_946479115.1_ERR5385026_bin.7_metawrap_v1.3.0_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6022	GCA_946479115.1_ERR5385026_bin.7_metawrap_v1.3.0_MAG_genomic
GCA_025349965.1_ASM2534996v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	GCA_025349965.1_ASM2534996v1_genomic
GCA_027311865.1_ASM2731186v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	GCA_027311865.1_ASM2731186v1_genomic
GCA_946480535.1_SRR14536364_bin.32_metawrap_v1.3.0_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA1547	UBA6175	GCA_946480535.1_SRR14536364_bin.32_metawrap_v1.3.0_MAG_genomic
GCA_027312225.1_ASM2731222v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA2112	GCA_027312225.1_ASM2731222v1_genomic	GCA_027312225.1_ASM2731222v1_genomic
GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	CAIYEO01	GCA_903839435.1_freshwater_MAG_---_Kiruna_bin-08663_genomic
GCA_020427985.1_ASM2042798v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA_020427985.1_ASM2042798v1_genomic	GCA_020427985.1_ASM2042798v1_genomic
GCA_024635495.1_ASM2463549v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA_024635495.1_ASM2463549v1_genomic	GCA_024635495.1_ASM2463549v1_genomic
GCA_025450135.1_ASM2545013v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA_025450135.1_ASM2545013v1_genomic	GCA_025450135.1_ASM2545013v1_genomic
GCA_025928155.1_ASM2592815v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA_025928155.1_ASM2592815v1_genomic	GCA_025928155.1_ASM2592815v1_genomic
GCA_027325955.1_ASM2732595v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA_027325955.1_ASM2732595v1_genomic	GCA_027325955.1_ASM2732595v1_genomic
GCA_027356525.1_ASM2735652v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA_027356525.1_ASM2735652v1_genomic	GCA_027356525.1_ASM2735652v1_genomic
GCA_027450065.1_ASM2745006v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	GCA_027450065.1_ASM2745006v1_genomic	GCA_027450065.1_ASM2745006v1_genomic
GCA_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	A_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG_genc	GCA_946482285.1_SRR14536431_bin.16_metawrap_v1.3.0_MAG_genomic
GCA_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	A_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG_genc	GCA_946482575.1_SRR14536435_bin.26_metawrap_v1.3.0_MAG_genomic
GCA_027315225.1_ASM2731522v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	RGVC01	GCA_027315225.1_ASM2731522v1_genomic
GCA_027314885.1_ASM2731488v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	GCA_027314885.1_ASM2731488v1_genomic
GCA_027366415.1_ASM2736641v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	GCA_027366415.1_ASM2736641v1_genomic
GCA_027446965.1_ASM2744696v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	GCA_027446965.1_ASM2744696v1_genomic
GCA_027459325.1_ASM2745932v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665	UBA5150	GCA_027459325.1_ASM2745932v1_genomic
GCA_027328705.1_ASM2732870v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027328705.1_ASM2732870v1_genomic	GCA_027328705.1_ASM2732870v1_genomic
GCA_027331915.1_ASM2733191v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027331915.1_ASM2733191v1_genomic	GCA_027331915.1_ASM2733191v1_genomic
GCA_027331975.1_ASM2733197v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027331975.1_ASM2733197v1_genomic	GCA_027331975.1_ASM2733197v1_genomic
GCA_027334585.1_ASM2733458v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027334585.1_ASM2733458v1_genomic	GCA_027334585.1_ASM2733458v1_genomic
GCA_027338765.1_ASM2733876v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027338765.1_ASM2733876v1_genomic	GCA_027338765.1_ASM2733876v1_genomic
GCA_027340605.1_ASM2734060v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027340605.1_ASM2734060v1_genomic	GCA_027340605.1_ASM2734060v1_genomic
GCA_027340655.1_ASM2734065v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027340655.1_ASM2734065v1_genomic	GCA_027340655.1_ASM2734065v1_genomic
GCA_027345405.1_ASM2734540v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027345405.1_ASM2734540v1_genomic	GCA_027345405.1_ASM2734540v1_genomic
GCA_027356125.1_ASM2735612v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027356125.1_ASM2735612v1_genomic	GCA_027356125.1_ASM2735612v1_genomic
GCA_027365555.1_ASM2736555v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027365555.1_ASM2736555v1_genomic	GCA_027365555.1_ASM2736555v1_genomic
GCA_027365795.1_ASM2736579v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027365795.1_ASM2736579v1_genomic	GCA_027365795.1_ASM2736579v1_genomic
GCA_027426675.1_ASM2742667v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027426675.1_ASM2742667v1_genomic	GCA_027426675.1_ASM2742667v1_genomic
GCA_027426815.1_ASM2742681v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027426815.1_ASM2742681v1_genomic	GCA_027426815.1_ASM2742681v1_genomic
GCA_027426835.1_ASM2742683v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027426835.1_ASM2742683v1_genomic	GCA_027426835.1_ASM2742683v1_genomic
GCA_027426875.1_ASM2742687v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027426875.1_ASM2742687v1_genomic	GCA_027426875.1_ASM2742687v1_genomic
GCA_027426915.1_ASM2742691v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027426915.1_ASM2742691v1_genomic	GCA_027426915.1_ASM2742691v1_genomic
GCA_027426955.1_ASM2742695v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027426955.1_ASM2742695v1_genomic	GCA_027426955.1_ASM2742695v1_genomic
GCA_027427035.1_ASM2742703v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027427035.1_ASM2742703v1_genomic	GCA_027427035.1_ASM2742703v1_genomic
GCA_027427215.1_ASM2742721v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027427215.1_ASM2742721v1_genomic	GCA_027427215.1_ASM2742721v1_genomic
GCA_027427255.1_ASM2742725v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027427255.1_ASM2742725v1_genomic	GCA_027427255.1_ASM2742725v1_genomic
GCA_027427295.1_ASM2742729v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027427295.1_ASM2742729v1_genomic	GCA_027427295.1_ASM2742729v1_genomic
GCA_027427695.1_ASM2742769v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027427695.1_ASM2742769v1_genomic	GCA_027427695.1_ASM2742769v1_genomic
GCA_027427835.1_ASM2742783v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027427835.1_ASM2742783v1_genomic	GCA_027427835.1_ASM2742783v1_genomic
GCA_027427875.1_ASM2742787v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027427875.1_ASM2742787v1_genomic	GCA_027427875.1_ASM2742787v1_genomic
GCA_027449065.1_ASM2744906v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027449065.1_ASM2744906v1_genomic	GCA_027449065.1_ASM2744906v1_genomic
GCA_027459425.1_ASM2745942v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA4665_A	GCA_027459425.1_ASM2745942v1_genomic	GCA_027459425.1_ASM2745942v1_genomic
GCA_004294965.1_ASM429496v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946	GCA_004294965.1_ASM429496v1_genomic	GCA_004294965.1_ASM429496v1_genomic
GCA_027492255.1_ASM2749225v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946	GCA_027492255.1_ASM2749225v1_genomic	GCA_027492255.1_ASM2749225v1_genomic
GCA_027493025.1_ASM2749302v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946	GCA_027493025.1_ASM2749302v1_genomic	GCA_027493025.1_ASM2749302v1_genomic
GCA_027492975.1_ASM2749297v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	UBA5946	RZYF01	GCA_027492975.1_ASM2749297v1_genomic
GCA_020428435.1_ASM2042843v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	unknown	GCA_020428435.1_ASM2042843v1_genomic	GCA_020428435.1_ASM2042843v1_genomic
GCA_021404905.1_ASM2140490v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	unknown	GCA_021404905.1_ASM2140490v1_genomic	GCA_021404905.1_ASM2140490v1_genomic
GCA_947097085.1_SRR8786267_bin.10_metaWRAP_v1.3_MAG_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	unknown	A_947097085.1_SRR8786267_bin.10_metaWRAP_v1.3_MAG_geno	GCA_947097085.1_SRR8786267_bin.10_metaWRAP_v1.3_MAG_genomic
R0170300162_tooth_RA.megahit.bin.4	Patescibacteria	Saccharimonadia	Saccharimonadales	unknown	R0170300162_tooth_RA.megahit.bin.4	R0170300162_tooth_RA.megahit.bin.4
R0170300217_tooth_RA.megahit.bin.23	Patescibacteria	Saccharimonadia	Saccharimonadales	unknown	R0170300217_tooth_RA.megahit.bin.23	R0170300217_tooth_RA.megahit.bin.23
R0170300248_tooth_RAH.megahit.bin.109	Patescibacteria	Saccharimonadia	Saccharimonadales	unknown	R0170300248_tooth_RAH.megahit.bin.109	R0170300248_tooth_RAH.megahit.bin.109
R0170300279_tooth_RAH.megahit.bin.93	Patescibacteria	Saccharimonadia	Saccharimonadales	unknown	R0170300279_tooth_RAH.megahit.bin.93	R0170300279_tooth_RAH.megahit.bin.93
SZAXPI018312-14_RA_dental.metaspades.bin.67	Patescibacteria	Saccharimonadia	Saccharimonadales	unknown	SZAXPI018312-14_RA_dental.metaspades.bin.67	SZAXPI018312-14_RA_dental.metaspades.bin.67
GCA_020428525.1_ASM2042852v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	VXPC01	GCA_020428525.1_ASM2042852v1_genomic	GCA_020428525.1_ASM2042852v1_genomic
GCA_026707815.1_ASM2670781v1_genomic	Patescibacteria	Saccharimonadia	Saccharimonadales	VXPC01	VXPC01	GCA_026707815.1_ASM2670781v1_genomic
GCA_019352195.1_ASM1935219v1_genomic	Patescibacteria	Saccharimonadia	UBA4664	UBA4664	GCA_019352195.1_ASM1935219v1_genomic	GCA_019352195.1_ASM1935219v1_genomic

Supplementary Table 6a. Bacterial relative abundance LEfSe analysis between the RA and HC groups.

Cluster	Logarithm value (log10)	Enrichment group	LDA value	*P* value
SEQF1680	2.89336258	HC	2.164930646	0.02170646
SEQF1879	2.72450513	HC	2.017836212	0.000639404
SEQF2820	2.960225873	HC	2.176321995	0.024312488
SEQF1160	2.925493797	HC	2.205702241	0.00860113
SEQF2555	3.223942841	HC	2.554646613	0.008068989
SEQF2822	2.993918102	HC	2.357074254	0.000274661
SEQF2529	3.287514866	HC	2.481937695	0.0257143
SEQF2212	3.346611168	HC	2.43560349	0.020893558
SEQF1719	3.676602522	HC	3.404704335	5.37E-10
ORS_TM06_96	3.345905004	HC	2.642173265	0.001284473
SEQF1500	2.732357637	HC	2.444977591	1.76E-10
SEQF2520	3.523475585	HC	2.888799175	0.000622669
SEQF1997	3.29540186	HC	2.507613906	0.026196853
SEQF2020	3.368344203	HC	2.633297177	7.86E-05
ORS_AM05_478	4.020757655	HC	3.265803029	0.040360685
SEQF1998	3.532037872	HC	2.869884998	0.012761249
SEQF2298	3.551344765	HC	2.762200423	0.026687213
SEQF1018	3.225209549	HC	2.655980853	0.003974739
SEQF2789	3.434652366	HC	2.986075338	6.56E-05
ODP_AM05_394	3.19487366	HC	2.561266586	4.98E-05
ORT_AM01_08MB	3.315561061	HC	2.475477533	0.015598398
SEQF2017	3.209617929	HC	2.56190573	2.12E-05
ORS_AM09_43_O_BH	3.661705474	HC	2.871075552	0.018976381
SEQF1070	3.353039012	HC	2.75766582	1.58E-05
SEQF2011	3.262156957	HC	2.629516824	9.98E-06
SEQF2013	3.277625053	HC	2.671605534	3.98E-06
ORS_TM07_52	3.345537433	HC	2.620388069	2.41E-05
ORS_TM07_39	3.525045803	HC	2.739840571	0.000729534
ORS_AM09_28_BH	3.493629584	HC	2.711041456	0.000150839
SEQF2071	3.932126685	HC	3.215383031	0.014693995
SEQF1477	2.932096352	HC	2.173591762	0.017901463
SEQF1648	3.324131615	HC	2.493458911	0.013289088
ODP_AM05_113	4.073395808	HC	3.577755532	0.000590415
SEQF3062	2.72931211	HC	2.297932498	0.000155283
SEQF2575	2.838011328	HC	2.033269812	0.018611965
SEQF2745	2.942376861	HC	2.295994295	0.000155283
SEQF1849	3.096691991	HC	2.366870409	0.005331025
SEQF1668	3.108142885	HC	2.202627285	0.01225205
SEQF2385	3.010714395	HC	2.556293242	1.48E-07
SEQF2573	3.237175174	HC	2.552847315	0.000544939
SEQF3095	3.529097899	HC	2.812142197	0.000656556
ODP_AM08_379	3.562021329	HC	2.88358659	0.002156126
SEQF2310	3.099139812	HC	2.533862369	0.002738564
SEQF1660	2.996259492	HC	2.353080065	0.018611965
SEQF1604	2.656456129	HC	2.207690345	1.53E-06
SEQF2748	2.771721627	HC	2.061937797	0.028206142
SEQF2899	3.074235157	HC	2.486231475	0.000656556
ORS_AM05_334	3.649650322	HC	3.11827513	0.001103418
SEQF1195	3.948187112	HC	3.23402347	0.005698138
SEQF2615	2.807738031	HC	2.265771793	7.86E-05
SEQF2079	3.14580774	HC	2.706090948	8.61E-05
SEQF1967	4.139136769	HC	3.669569981	5.29E-05
SEQF1276	3.228462669	HC	2.641225372	0.000383078
SEQF1175	3.852642392	HC	3.365309183	0.000122928
SEQF1264	4.125874398	HC	3.663415267	0.000106055
ORT_AM05_52	3.880151635	HC	3.407611093	3.11E-05
ORS_AM09_16_O_BH	4.074225122	HC	3.636713334	5.63E-05
SEQF2159	3.144577364	HC	2.559841109	0.001075644
ORT_AF10_25_O_BH	4.38091833	HC	3.622099193	0.012761249
SEQF1659	3.688570877	HC	3.199068395	9.98E-06
SEQF1944	2.924441078	HC	2.469342455	3.32E-05
SEQF1165	4.265947676	HC	3.558786868	0.005098294
SEQF2142	4.268676467	HC	3.641092862	0.002550288
ORT_AM05_529	3.25385489	HC	2.474370449	0.007566516
ORT_AM05_05	3.652466476	HC	2.936455714	0.017555207
ORT_AM04_05	3.368771466	HC	2.495601876	0.014693995
ORT_AF04_16	3.416633612	HC	2.590931537	0.008973106
ORS_AM01_02MB	3.0421044	HC	2.43919197	9.33E-06
ORS_AM05_133	3.276249142	HC	2.466245454	0.006501514
ORS_TM07_227	3.26511322	HC	2.422246478	0.023415177
ORS_AM09_1_O_104	3.347067074	HC	2.405719555	0.017214836
ORS_AM09_24_O_104	3.895836927	HC	3.22310363	0.00053052
SEQF1575	3.192573173	HC	2.643894368	2.05E-05
SEQF3533	3.448632555	HC	2.83771709	0.009359381
SEQF2022	2.619028366	HC	2.129866276	0.003884672
SEQF3068	3.156888858	HC	2.468654469	0.030346852
SEQF3206	3.710569886	HC	3.371568685	1.52E-08
SEQF1072	3.429166782	HC	2.99839018	4.68E-05
SEQF2357	3.510803876	HC	2.96444525	0.000159849
ODP_AM08_289	3.08501439	HC	2.254561777	0.011056986
ODP_AM08_386	2.930507968	HC	2.297915268	7.37E-06
ODP_AM04_45	3.208229265	HC	2.414183397	0.014693995
ORS_AM01_02BB	3.308780372	HC	2.42026061	0.023860174
ODP_TM07_145	3.199096674	HC	2.455847903	0.013022803

R0170300248_tooth_RAH_megahit_bin_109	2.468536542	HC	2.173750315	0.002831865
ORT_AM08_434	3.264564951	HC	2.539189305	0.000130361
SEQF1605	3.188150292	HC	2.444707484	0.017555207
ORT_AM09_12_O_104	3.276150644	HC	2.347457183	0.034429573
SEQF1947	2.694272027	HC	2.236018003	5.63E-05
SEQF1870	2.772390341	HC	2.273804771	2.57E-05
SEQF1875	2.919769109	HC	2.436861323	6.22E-06
SEQF1940	2.961386514	HC	2.476312214	1.80E-05
SEQF2775	3.000677276	HC	2.3461686	0.001075644
SEQF2774	2.95382694	HC	2.395123043	0.029798991
SEQF2918	2.768148038	HC	2.268900988	0.00249021
SEQF1850	2.77921597	HC	2.08742866	0.002104619
SEQF2997	2.724916329	HC	2.02754711	0.00249021
SEQF2076	2.882928198	HC	2.216935571	0.001350674
SEQF3061	2.830654897	HC	2.119214528	0.006940235
SEQF1957	3.164174987	HC	2.630347687	7.37E-06
SEQF1221	2.762619955	HC	2.201624038	2.26E-05
SEQF2776	2.951141613	HC	2.413012729	7.40E-05
SEQF2445	3.1450066	HC	2.601942	3.64E-05
SEQF2016	3.26083343	HC	2.807056625	1.28E-06
SEQF1259	2.568600305	RA	2.112165845	0.015291632
ODP_AF08_22_MRS	3.626212777	RA	2.811569688	0.01225205
ORT_AM09_10_104	3.95137997	RA	3.09646909	0.020107316
SEQF1616	2.808786013	RA	2.186772383	0.000729534
SEQF2564	3.693596342	RA	3.044884977	0.008785359
SEQF1881	2.926915953	RA	2.157755216	0.010608731
SEQF1685	3.990971685	RA	3.544405744	4.13E-05
SEQF1854	2.90705674	RA	2.025420616	0.015598398
SEQF1914	3.291699342	RA	2.652109066	0.00131719
SEQF2481	3.564892661	RA	2.813190528	0.002262624
SEQF2777	3.075291654	RA	2.172896462	0.010390723
SEQF3053	4.083188636	RA	3.273781341	0.010830797
SEQF2744	4.141786158	RA	3.311620571	0.006360916
SEQF1159	4.239410948	RA	3.547535025	0.000245442
ORT_AF08_35_MRS	3.760564418	RA	2.94952551	0.014117042
ODP_AM09_2D21	4.217385551	RA	3.607601776	1.99E-05
SEQF1852	3.750610681	RA	3.092478229	0.01152199
SEQF1084	3.015244042	RA	2.388011405	7.86E-05
ORS_AM05_475	4.280231005	RA	3.993763974	2.52E-06
ORT_AF05_174	4.261444052	RA	3.586764969	0.032625678
SEQF2031	4.495991038	RA	3.889813273	0.000831351
SEQF2739	2.807049134	RA	2.109797356	0.027691756
SEQF1647	3.335475967	RA	2.533926194	0.005955389
ORS_AM09_18_BH	3.615903668	RA	2.792636505	0.027691756
SEQF1948	3.875132023	RA	3.363602411	3.01E-06
ORT_AF03_41	3.916861255	RA	3.079405697	0.027185481
ORS_AM09_12_BH	4.049526109	RA	3.517817774	0.001455894
ORS_TM06_107	4.217329456	RA	3.569832916	0.047136419
ORT_AF03_190	3.399318523	RA	2.801356093	9.99E-05
ORT_AF05_233	3.393862673	RA	2.771947766	9.42E-05
ORT_AF05_232	3.852896147	RA	3.112112984	0.036966793
ORS_AM05_364	3.857095939	RA	3.160152426	0.006644901
ORS_AM05_381	3.975732084	RA	3.395956359	4.13E-05
ORS_TM06_130	3.431086724	RA	2.829725885	0.000142309
ORS_AM08_79	3.435696465	RA	2.843497485	0.000126593
SEQF3063	4.044782785	RA	3.47861202	0.003228236
SEQF1989	3.879471481	RA	3.077951523	0.008243001
SEQF1663	3.555532212	RA	2.888790334	0.028728741
SEQF2149	3.627114908	RA	3.056077017	0.000383078
ODP_AM04_97	3.839106951	RA	3.255211996	0.005825483
ORS_AF04_134	3.271311058	RA	2.681175877	4.98E-05
RSZYD18187554_A_saliva_metaspades_bin_21	2.616783953	RA	2.217807472	0.001773268
RSZYD18078673_A_saliva_metaspades_bin_3	2.54551385	RA	2.138736623	0.000574036
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	2.578070106	RA	2.156434606	0.000219116
RDPYD18189925_A_saliva_metaspades_bin_14	2.480242066	RA	2.012134422	0.00615346
GCA_022819385_1_ASM2281938v1_genomic	2.561206646	RA	2.178632273	0.001885859
RSZYD18187676_A_saliva_metaspades_bin_32	2.549721705	RA	2.153372892	0.000768662
RDPYD18075172_A_saliva_metaspades_bin_27	2.602346303	RA	2.123369192	0.002052844
RSZYD18187171_A_saliva_metaspades_bin_47	2.60946628	RA	2.155418385	0.005510277
ORT_TM07_90	3.313034474	RA	2.70001037	0.000126593
ORT_AM09_5D4	3.764325525	RA	3.134099394	1.48E-05
SEQF1683	3.386697716	RA	2.558355531	0.009760424
SEQF2726	3.291562673	RA	2.691075099	0.000115895
SEQF2558	2.267552417			-
SEQF1783	2.324963796			-
SEQF2809	1.042448038			-
SEQF1533	1.822261581			-
SEQF1255	1.548523304			-
ORS_AF03_140	1.484763228			0.000142309
SEQF2569	0.603847897			-
SEQF1930	1.804822108			-
SEQF1262	1.730862053			5.81E-06
SEQF2670	1.219610991			-
SEQF2841	2.575995963			0.007247307
SEQF2814	2.694472012			0.012761249
SEQF1287	2.444577936			0.044778663
SEQF2353	2.071516792			-
SEQF3159	2.226540326			-
SEQF2581	2.268914576			-
ODP_AM05_423	2.351528931			-
SEQF2501	2.335029339			-
SEQF2920	2.76583261			-
SEQF1924	2.047663297			0.000574878
ORS_AF03_170	3.525532236			-

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SEQF2215	3.363520987	-
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SEQF2855	2.408642659	-
SEQF2505	1.749595009	-
SEQF3175	1.744317987	-
SEQF1880	2.700921519	-
SEQF2783	1.798516863	0.046339157
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SEQF1676	2.868969357	-
SEQF1890	1.506366163	-
SEQF1993	2.444311284	-
SEQF1921	2.077987282	-
SEQF2446	2.137134875	0.015910565
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SEQF1603	2.341762416	-
SEQF1697	1.953349049	-
SEQF1029	3.257619744	-
SEQF1103	3.37295475	-
SEQF2454	2.096469455	-
SEQF1045	2.951876743	-
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SEQF2443	2.443162497	0.000809989
SEQF3179	2.276378167	-
SEQF1672	2.231386345	0.048765584
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ORS_AM09_2_104	2.645905387	-
ODP_AM05_456	2.678032394	-
ODP_AF06_108	3.272573644	-
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SEQF2905	3.313507013	-
SEQF2005	3.261177725	-
ORS_TM06_36	3.314549237	-
SEQF2009	3.308220713	-
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ORS_AF03_155	3.7834138	-
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SEQF2792	2.399573729	-
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SEQF1899	3.250315494	-
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SEQF2582	2.675438387	-
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SEQF1671	3.3003355	-
SEQF3090	3.083519857	-
SEQF1597	3.549892348	-
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SEQF1933	2.835543673	-
SEQF2751	3.001409823	-
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SEQF2780	3.249246292	-
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SEQF3150	1.356835294	-
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ODP_TM07_296	1.384851128	-
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SEQF3180	3.910534662	-
SEQF2806	3.814586879	-
SEQF1853	2.836236621	-
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SEQF2451	2.19188297	0.047944453
SEQF2574	2.369009618	-
ODP_AM01_05BB	2.909751559	-
SEQF1667	2.774728063	-
SEQF3096	3.581243003	-
SEQF1388	3.638063628	-
ODP_AM08_284	3.288437681	-
ORS_AM08_152	4.383957779	-
ORS_AM05_205	4.445326832	-
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SEQF3495	1.998287735	1.14E-05
SEQF2824	2.284411361	5.25E-07
SEQF1860	2.213921665	0.000138216
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SEQF2047	1.380331294	0.000176838
SEQF1981	1.412571738	8.35E-05
SEQF3087	1.30176416	-
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SEQF1652	2.177179939	3.42E-05
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ORT_AM05_95	2.7401073	-
ORT_AM05_520	3.641937953	-
ORT_AM01_02	2.071653181	0.0060879
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ORT_AM05_101	3.767528257	-
ORT_AF03_76	3.658807681	-
ORT_AF08_17	3.37578486	-
ORS_AM05_357	3.630684605	-
ORS_TM07_255	3.240216184	-
ORS_AM05_481	3.369926482	-
ORS_AM08_178	3.599270633	-
ORS_TM06_91	3.258315283	-
ORS_AM09_2_O_104	3.376592417	-
ORS_AM09_14_O_104	3.229043335	-
ORS_AM09_1_2_O_BH	3.159521379	-
ORS_TM06_113	3.209773933	-
ORS_AM09_45_O_BH	3.603285931	-
ORS_AM09_40_O_BH	3.29514134	-
ORS_AM09_3_104	3.731981026	-
ORS_AM08_63	3.471487656	-
ORS_AM09_26_BH	3.716128839	-
ORS_AM09_15_104	3.55116681	-
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ORT_AM01_01TBO	0.515281528	-
ODP_AF03_248	0.754367356	-

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SEQF1687	1.862680406	-
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SEQF1937	2.452524978	0.048765584
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SEQF2579	2.143276918	-
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SEQF1988	1.932219682	-
SEQF1915	2.114141427	-
SEQF1946	2.071177542	-
SEQF3105	2.377996313	0.004454163
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SEQF1936	2.45012987	-
SEQF3055	2.1884431	-
SEQF1935	2.815784521	-
SEQF1656	3.020529422	-
SEQF1900	2.58663013	-
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SEQF1893	3.229513079	-
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SEQF1602	2.898296677	-
SEQF1653	2.846471448	-
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ODP_AM01_10	2.440940341	-
ODP_AM08_398	2.947330142	-
ODP_AM09_1_1_O_BH	3.027632524	-
ODP_AM09_12_104	3.551743761	-
ODP_AM05_504	3.486430515	-
ODP_AM09_14_BH	3.16727484	-
ODP_AM08_466	3.414998737	-
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ORS_AF10_C20	3.356980772	-
ORS_AF10_C12	3.625262501	-
ORS_AF08_3_MRS	3.591733241	-
ODP_TM06_153	3.114815157	-
ODP_TM06_159	2.995221713	-
ORS_AF04_142	3.046991388	-
ORS_AF04_42	3.402068204	-
ORS_AF08_16_MRS	3.243273355	-
ORS_AF04_252	3.129022759	-
ORS_AF04_143	3.272622673	-
ORS_AF05_220	3.410463619	-
GCA_019352195_1_ASM1935219v1_genomic	0	0.002303901
GCA_013816445_1_ASM1381644v1_genomic	0	-
GCA_016191105_1_ASM1619110v1_genomic	0	-
GCA_009691435_1_ASM969143v1_genomic	0	-
GCA_014191035_1_ASM1419103v1_genomic	0	0.013749699
GCA_007131065_1_ASM713106v1_genomic	0	0.002296161
GCA_003022365_1_ASM302236v1_genomic	0	0.012251178
GCA_017983775_1_ASM1798377v1_genomic	0.262211866	0.016876181
GCA_001790455_1_ASM179045v1_genomic	0	-
GCA_025449905_1_ASM2544990v1_genomic	0	-
GCA_946479835_1_SRR15094062_bin_4_metawrap_v1_3_0_MAG_genomic	0	-
GCA_013694995_1_ASM1369499v1_genomic	0	-
GCA_012965045_1_ASM1296504v1_genomic	0	7.27E-05
GCA_017991755_1_ASM1799175v1_genomic	0	-
GCA_016196195_1_ASM1619619v1_genomic	0	-
GCA_017992295_1_ASM1799229v1_genomic	0	-
GCA_020428475_1_ASM2042847v1_genomic	0	-
GCA_018001155_1_ASM1800115v1_genomic	0	0.02160063
GCA_903859365_1_freshwater_MAG_____AM_lipid_02_D3_bin_0353_genomic	0	0.002147511
GCA_002482925_1_ASM248292v1_genomic	0	-
GCA_004100265_1_ASM410026v1_genomic	0	-
GCA_020428525_1_ASM2042852v1_genomic	0	-
GCA_026707815_1_ASM2670781v1_genomic	0.042343779	0.000462956
GCA_007135955_1_ASM713595v1_genomic	0	-
GCA_020428005_1_ASM2042800v1_genomic	0	-
GCA_024635455_1_ASM2463545v1_genomic	0	0.001727343
GCA_026395435_1_ASM2639543v1_genomic	0	0.00241969
GCA_026395395_1_ASM2639539v1_genomic	0	-
GCA_943354005_1_MsH_30jul19_11_genomic	0	-
GCA_003962975_1_ASM396297v1_genomic	0	0.010015174
GCA_943354725_1_RH_27jun17_331_genomic	0	-

GCA_903937695_1_freshwater_MAG_____Loc090907_1m_bin_354_genomic	0	-
GCA_020428425_1_ASM2042842v1_genomic	0	-
GCA_016789455_1_ASM1678945v1_genomic	0	-
GCA_022842995_1_ASM2284299v1_genomic	0	0.042087234
GCA_001790445_1_ASM179044v1_genomic	0	-
GCA_946478995_1_SRR15094062_bin_6_metawrap_v1_3_0_MAG_genomic	0	-
GCA_016219345_1_ASM1621934v1_genomic	0	-
GCA_025451045_1_ASM2545104v1_genomic	0	-
GCA_020428315_1_ASM2042831v1_genomic	0	0.022352282
GCA_000503915_1_ASM50391v1_genomic	0	0.026857392
GCA_018060465_1_ASM1806046v1_genomic	0	0.048889587
GCA_002455275_1_ASM245527v1_genomic	0	0.048889587
GCA_002343565_1_ASM234356v1_genomic	0	-
GCA_023259925_1_ASM2325992v1_genomic	0	0.011486548
GCA_014377345_1_ASM1437734v1_genomic	0	-
GCA_002335175_1_ASM233517v1_genomic	0	-
GCA_002316545_1_ASM231654v1_genomic	0	-
GCA_023257815_1_ASM2325781v1_genomic	0	-
GCA_002348615_1_ASM234861v1_genomic	0	-
GCA_016700315_1_ASM1670031v1_genomic	0	-
GCA_003231925_1_ASM323192v1_genomic	0	0.000649642
GCA_026395375_1_ASM2639537v1_genomic	0	0.000144141
GCA_016183515_1_ASM1618351v1_genomic	0	0.004446654
GCA_001788555_1_ASM178855v1_genomic	0	0.048889587
GCA_946478715_1_SRR10754055_bin_5_metawrap_v1_3_0_MAG_genomic	0	-
GCA_025934715_1_ASM2593471v1_genomic	0	-
GCA_013815775_1_ASM1381577v1_genomic	0	-
GCA_016234585_1_ASM1623458v1_genomic	0	-
GCA_016187175_1_ASM1618717v1_genomic	0	-
GCA_016176605_1_ASM1617660v1_genomic	0	-
GCA_001790525_1_ASM179052v1_genomic	0	0.016136834
GCA_019662065_1_ASM1966206v1_genomic	0	-
GCA_022841445_1_ASM2284144v1_genomic	0	0.000312553
GCA_027492255_1_ASM2749225v1_genomic	0	0.014783927
GCA_027493025_1_ASM2749302v1_genomic	0	-
GCA_004294965_1_ASM429496v1_genomic	0	-
GCA_027492975_1_ASM2749297v1_genomic	0	-
GCA_002434045_1_ASM243404v1_genomic	0	0.012755875
GCA_001029695_1_ASM102969v1_genomic	0	0.017602724
GCA_001790365_1_ASM179036v1_genomic	0	-
GCA_027450165_1_ASM2745016v1_genomic	0	-
GCA_002413425_1_ASM241342v1_genomic	0	-
GCA_013334475_1_ASM1333447v1_genomic	0	0.018272412
GCA_001873625_1_ASM187362v1_genomic	0	-
GCA_015655045_1_ASM1565504v1_genomic	0	0.002782825
GCA_026395405_1_ASM2639540v1_genomic	0	0.027379778
GCA_002427805_1_ASM242780v1_genomic	0	-
GCA_022736555_1_ASM2273655v1_genomic	0	0.032535372
GCA_943354985_1_Jr_19feb18_57_genomic	0	-
GCA_002839415_1_ASM283941v1_genomic	0	-
GCA_002404195_1_ASM240419v1_genomic	0	0.036792327
GCA_946479115_1_ERR5385026_bin_7_metawrap_v1_3_0_MAG_genomic	0	-
GCA_016432585_1_ASM1643258v1_genomic	0.16800006	0.00028565
GCA_004100325_1_ASM410032v1_genomic	0	-
GCA_002381485_1_ASM238148v1_genomic	0	-
GCA_946480535_1_SRR14536364_bin_32_metawrap_v1_3_0_MAG_genomic	0	-
GCA_027311865_1_ASM2731186v1_genomic	0	0.017659948
GCA_002699225_1_ASM269922v1_genomic	0	0.046813595
GCA_025349965_1_ASM2534996v1_genomic	0	0.01163906
GCA_001897295_1_ASM189729v1_genomic	0	-
GCA_009992235_1_ASM999223v1_genomic	0	-
GCA_017307155_1_ASM1730715v1_genomic	0	0.009217576
GCA_002429245_1_ASM242924v1_genomic	0	-
GCA_002331045_1_ASM233104v1_genomic	0	0.034147737
GCA_027312225_1_ASM2731222v1_genomic	0	-
GCA_027426875_1_ASM2742687v1_genomic	0	-
GCA_027345405_1_ASM2734540v1_genomic	0	-
GCA_027426815_1_ASM2742681v1_genomic	0	-
GCA_027328705_1_ASM2732870v1_genomic	0	-
GCA_027365555_1_ASM2736555v1_genomic	0	-
GCA_027334585_1_ASM2733458v1_genomic	0	-
GCA_027426835_1_ASM2742683v1_genomic	0	-
GCA_027365795_1_ASM2736579v1_genomic	0	0.021216615
GCA_027331915_1_ASM2733191v1_genomic	0	0.004818252
GCA_027427695_1_ASM2742769v1_genomic	0	0.020463526
GCA_027427875_1_ASM2742787v1_genomic	0	0.009121452
GCA_027459425_1_ASM2745942v1_genomic	0	-
GCA_027356125_1_ASM2735612v1_genomic	0	-
GCA_027427835_1_ASM2742783v1_genomic	0	-
GCA_027340605_1_ASM2734060v1_genomic	0	-
GCA_027427295_1_ASM2742729v1_genomic	0	-
GCA_027426675_1_ASM2742667v1_genomic	0	-
GCA_027449065_1_ASM2744906v1_genomic	0	-
GCA_027331975_1_ASM2733197v1_genomic	0	-
GCA_027340655_1_ASM2734065v1_genomic	0	-
GCA_027427215_1_ASM2742721v1_genomic	0	0.011386683
GCA_903828465_1_freshwater_MAG_____Umea3_bin_2596_genomic	0	0.016680884
GCA_027426955_1_ASM2742695v1_genomic	0	0.011680601
GCA_027427255_1_ASM2742725v1_genomic	0	-
GCA_027426915_1_ASM2742691v1_genomic	0	-
GCA_027338765_1_ASM2733876v1_genomic	0	-
GCA_016178135_1_ASM1617813v1_genomic	0	-
GCA_025924835_1_ASM2592483v1_genomic	0	0.012795627
GCA_013815785_1_ASM1381578v1_genomic	0	-

GCA_020428105_1_ASM2042810v1_genomic	0	-
GCA_023253175_1_ASM2325317v1_genomic	0.592981033	-
SZAXPI018095_16_RA_dental_metaspades_bin_15	1.904464659	-
GCA_024635495_1_ASM2463549v1_genomic	0	0.014783927
GCA_025928155_1_ASM2592815v1_genomic	0	-
GCA_002441585_1_ASM244158v1_genomic	0	0.010540533
GCA_946482575_1_SRR14536435_bin_26_metawrap_v1_3_0_MAG_genomic	0	-
GCA_025450135_1_ASM2545013v1_genomic	0	-
GCA_003164595_1_20120700_S1D_genomic	0	-
GCA_018062785_1_ASM1806278v1_genomic	0	-
GCA_002413865_1_ASM241386v1_genomic	0	0.002170843
GCA_014377525_1_ASM1437752v1_genomic	0	-
GCA_014377695_1_ASM1437769v1_genomic	0	-
GCA_013289705_1_ASM1328970v1_genomic	0	0.032461126
GCA_020427985_1_ASM2042798v1_genomic	0	0.018113381
GCA_002952755_1_ASM295275v1_genomic	0.196708398	0.019147872
GCA_946482285_1_SRR14536431_bin_16_metawrap_v1_3_0_MAG_genomic	0	-
GCA_903877025_1_freshwater_MAG_____AlinenLipids_bin_2261_genomic	0	-
GCA_903839435_1_freshwater_MAG_____Kiruna_bin_08663_genomic	0	-
GCA_903883035_1_freshwater_MAG_____Umea_bin_05361_genomic	0	-
GCA_903925195_1_freshwater_MAG_____YR_bin_4708_genomic	0	0.044641829
GCA_903840315_1_freshwater_MAG_____AM_lipid_02_D2_bin_0413_genomic	0	0.000126187
GCA_016700375_1_ASM1670037v1_genomic	0	-
GCA_016699955_1_ASM1669995v1_genomic	0	-
GCA_002746885_1_ASM274688v1_genomic	0	-
GCA_016789655_1_ASM1678965v1_genomic	0	-
GCA_016699935_1_ASM1669993v1_genomic	0.005467714	-
GCA_027325955_1_ASM2732595v1_genomic	0	-
GCA_027314885_1_ASM2731488v1_genomic	0	-
GCA_003133385_1_20120500_P26_genomic	0	-
GCA_027366415_1_ASM2736641v1_genomic	0	-
GCA_027459325_1_ASM2745932v1_genomic	0	0.048889587
GCA_003153395_1_20120700_P3D_genomic	0	0.032887526
GCA_027446965_1_ASM2744696v1_genomic	0	-
GCA_002413795_1_ASM241379v1_genomic	0	-
GCA_002792275_1_ASM279227v1_genomic	0	-
GCA_027356525_1_ASM2735652v1_genomic	0.112018945	8.02E-05
GCA_002413835_1_ASM241383v1_genomic	0	-
GCA_003516025_1_ASM351602v1_genomic	0	0.006211341
GCA_002413755_1_ASM241375v1_genomic	0	-
GCA_027450065_1_ASM2745006v1_genomic	0.771269201	0.030902793
GCA_027315225_1_ASM2731522v1_genomic	1.666136195	1.30E-05
GCA_009783235_1_ASM978323v1_genomic	0	-
GCA_009776375_1_ASM977637v1_genomic	0	-
GCA_009785095_1_ASM978509v1_genomic	0	0.03034903
GCA_009787245_1_ASM978724v1_genomic	0	-
GCA_947253405_1_SRR17635715_bin_15_metaWRAP_v1_3_MAG_genomic	0	0.001903902
GCA_016699895_1_ASM1669989v1_genomic	0	-
GCA_027492735_1_ASM2749273v1_genomic	0	0.023798565
GCA_004136275_1_ASM413627v1_genomic	0	0.018681816
GCA_946997535_1_SRR16916865_bin_12_metaWRAP_v1_3_MAG_genomic	0	0.036752867
GCA_934725355_1_ERR7738173_bin_40_genomic	0	0.021835728
GCA_002313515_1_ASM231351v1_genomic	0	0.00029777
GCA_947090635_1_SRR11749285_bin_3_metaWRAP_v1_3_MAG_genomic	0	0.011087707
GCA_947253945_1_SRR17635701_bin_9_metaWRAP_v1_3_MAG_genomic	0	-
GCA_902461855_1_UHGG_TPA_MGYG_HGUT_00376_genomic	0	-
R0170300120_tooth_RA_megahit_bin_52	1.417791921	-
R0170300183_tooth_RA_megahit_bin_33	0.933003706	-
SZAXPI018435_88_RA_saliva_metaspades_bin_58	1.811959697	-
R0170300290_tooth_RAH_megahit_bin_12	0.741743195	-
SZAXPI018094_15_RA_dental_metaspades_bin_29	0.982780661	-
RSZAXPI002614_22_RA_dental_metaspades_bin_18	1.125920484	-
R0170300267_tooth_RAH_megahit_bin_18	1.105806994	-
SZAXPI018354_19_RA_saliva_metaspades_bin_2	1.521110304	-
R0170300145_tooth_RA_megahit_bin_69	0.910189757	-
R0170300207_tooth_RA_megahit_bin_65	0.830249063	-
R0170300185_tooth_RA_megahit_bin_44	0.850791294	-
R0170300176_tooth_RA_megahit_bin_83	0.870893118	-
R0170300228_tooth_RA_megahit_bin_36	0.900605594	-
R0170300065_tooth_RA_megahit_bin_77	0.922186517	-
SZAXPI018396_36_RA_saliva_metaspades_bin_56	1.575659287	-
RSZYD18187275_A_saliva_metaspades_bin_59	0.882142297	-
RSZAXPI002620_35_RA_dental_metaspades_bin_60	0.974222948	-
RDPYD18189858_A_saliva_metaspades_bin_62	0.918769028	-
R0170300219_tooth_RA_megahit_bin_90	0.982316651	-
RSZAXPI002656_16_RA_dental_metaspades_bin_48	1.057624295	-
R0170300311_tooth_RAH_megahit_bin_92	0.822234414	-
R0170300178_tooth_RA_megahit_bin_23	1.03434212	-
R0170300310_tooth_RAH_megahit_bin_34	0.955887892	-
R0170300149_tooth_RA_megahit_bin_28	1.051852589	-
R0170300355_saliva_RA_megahit_bin_8	0.97745174	-
R0170300276_tooth_RAH_megahit_bin_88	0.959072299	-
R0170300155_tooth_RA_megahit_bin_58	0.980769525	-
R0170300200_tooth_RA_megahit_bin_29	0.885937888	-
SZAXPI018282_108_RA_dental_metaspades_bin_70	1.316834355	-
R0170300214_tooth_RA_megahit_bin_92	1.044300597	-
R0170300252_tooth_RAH_megahit_bin_32	0.97336424	-
RSZAXPI002604_26_RA_dental_metaspades_bin_6	1.001277849	-
R0170300287_tooth_RAH_megahit_bin_151	0.926199373	-
RSZYD18187666_A_saliva_metaspades_bin_39	1.150559984	-
SZAXPI018284_111_RA_dental_metaspades_bin_3	1.083534905	-
R0170300325_tooth_RA_megahit_bin_8	1.10671848	-
RSZAXPI002629_81_RA_dental_metaspades_bin_82	0.88646065	-
R0170300251_tooth_RAH_megahit_bin_36	1.280090455	-

R0170300092_tooth_RA_megahit_bin_31	0.967897672	-
R0170300051_tooth_RA_megahit_bin_56	0.99923953	-
SZAXPI018181_37_RA_dental_metaspades_bin_33	1.290109434	-
RSZAXPI002456_79_RAH_dental_metaspades_bin_34	1.197538765	-
SZAXPI018279_94_RA_dental_metaspades_bin_16	1.089098252	-
R0170300078_tooth_RA_megahit_bin_66	1.281873109	-
RSZAXPI002455_75_RAH_dental_metaspades_bin_27	1.096053885	-
RSZYD18078570_A_saliva_metaspades_bin_17	0.991822642	-
GCA_013333515_2_ASM1333351v2_genomic	1.004800403	-
RSZAXPI002312_21_RAH_dental_metaspades_bin_14	1.334233243	-
SZAXPI018313_15_RA_dental_metaspades_bin_43	1.160456547	-
R0170300272_tooth_RAH_megahit_bin_14	0.88642276	-
RSZAXPI002330_47_RAH_dental_metaspades_bin_70	1.231037701	-
R0170300100_tooth_RA_megahit_bin_38	1.018234098	-
SZAXPI018096_17_RA_dental_metaspades_bin_67	1.028307428	-
SZAXPI018171_25_1_RA_dental_metaspades_bin_83	1.194959659	-
SZAXPI018178_34_RA_dental_metaspades_bin_52	1.074862733	-
R0170300303_tooth_RAH_megahit_bin_143	0.89510048	-
R0170300263_tooth_RAH_megahit_bin_26	0.97705992	-
RSZYD18187330_A_saliva_metaspades_bin_47	1.017708724	-
R0170300270_tooth_RAH_megahit_bin_32	0.977885439	-
R0170300133_tooth_RA_megahit_bin_60	1.091689972	-
R0170300083_tooth_RA_megahit_bin_110	0.981316353	-
GCA_905373385_1_SRR9217464_mag_bin_2_genomic	1.034202896	-
GCA_004138455_1_ASM413845v1_genomic	0.925673052	-
R0170300321_tooth_RAH_megahit_bin_95	1.118537591	-
RSZAXPI002310_19_RAH_dental_metaspades_bin_24	1.391342864	-
GCA_946890795_1_SRR12830924_bin_6_metaWRAP_v1_3_MAG_genomic	0	-
GCA_905372225_1_SRR9217401_mag_bin_8_genomic	0.850916218	-
RSZAXPI002619_34_RA_dental_metaspades_bin_45	1.008781344	-
R0170300182_tooth_RA_megahit_bin_100	1.060000546	-
YS000254_saliva_spades_bin_23	0.884603802	-
R0170300232_tooth_RA_megahit_bin_10	1.081850443	-
RSZAXPI002639_98_RA_dental_metaspades_bin_8	1.6752786	-
R0170300309_tooth_RAH_megahit_bin_15	1.072574988	-
R0170300222_tooth_RA_megahit_bin_89	1.16043427	-
GCA_915070725_1_SRR1045092_bin_5_metaWRAP_v1_1_MAG_genomic	1.13389116	-
R0170300106_tooth_RA_megahit_bin_39	1.106030082	-
RSZAXPI002321_33_RAH_dental_metaspades_bin_29	1.267954313	-
GCA_905373275_1_SRR9217462_mag_bin_7_genomic	0.804818779	-
GCA_004138445_1_ASM413844v1_genomic	1.124243274	-
R0170300279_tooth_RAH_megahit_bin_30	1.033751635	-
RSZAXPI002305_14_RAH_dental_metaspades_bin_64	0.997071194	-
GCA_905365345_1_ERZ1645002_mag_bin_1_genomic	1.710997218	0.000109221
GCA_015999875_1_ASM1599987v1_genomic	0	-
GCA_001003725_1_ASM100372v1_genomic	0	-
GCA_025273655_1_ASM2527365v1_genomic	0	-
GCA_027492635_1_ASM2749263v1_genomic	0	-
GCA_013333595_2_ASM1333359v2_genomic	2.002413677	-
SZAXPI018357_22_RA_saliva_metaspades_bin_71	2.086062406	-
GCA_015257555_2_ASM1525755v2_genomic	2.552538788	-
GCA_021404905_1_ASM2140490v1_genomic	0	5.48E-05
GCA_020428435_1_ASM2042843v1_genomic	0	-
R0170300279_tooth_RAH_megahit_bin_93	1.137574213	0.000924495
R0170300217_tooth_RA_megahit_bin_23	1.071223144	0.002534501
GCA_947097085_1_SRR8786267_bin_10_metaWRAP_v1_3_MAG_genomic	1.130296408	0.011802445
R0170300162_tooth_RA_megahit_bin_4	1.061320585	0.001176355
SZAXPI018312_14_RA_dental_metaspades_bin_67	2.33166632	-
GCA_003246575_1_ASM324657v1_genomic	0	0.01986567
GCA_017983575_1_ASM1798357v1_genomic	0	0.038178777
GCA_002336935_1_ASM233693v1_genomic	0	0.014783927
GCA_002441145_1_ASM244114v1_genomic	0	-
GCA_027492535_1_ASM2749253v1_genomic	0	-
GCA_002421785_1_ASM242178v1_genomic	0	-
GCA_020428275_1_ASM2042827v1_genomic	0	0.007470712
GCA_027428095_1_ASM2742809v1_genomic	0	0.023477505
GCA_000392435_1_ASM39243v1_genomic	0	0.01118647
GCA_016700015_1_ASM1670001v1_genomic	0	0.003080014
GCA_002337095_1_ASM233709v1_genomic	0	0.00569085
GCA_945873065_1_SRR15732359_bin_18_metaWRAP_v1_3_MAG_genomic	0.663074549	-
RDPYD18300059_A_saliva_metaspades_bin_13	0.785944814	-
R0170300213_tooth_RA_megahit_bin_30	1.305756521	-
GCA_010201925_1_ASM1020192v1_genomic	1.739971893	-
GCA_905373835_1_SRR9217492_mag_bin_7_genomic	0.748033044	-
R0170300179_tooth_RA_megahit_bin_15	0.765154122	-
SZAXPI018488_20_RA_saliva_metaspades_bin_49	2.081282366	-
SZAXPI018281_102_RA_dental_metaspades_bin_20	1.317036694	-
R0170300147_tooth_RA_megahit_bin_4	0.76754962	-
RSZAXPI002323_35_RAH_dental_metaspades_bin_28	1.635909669	-
R0170300051_tooth_RA_megahit_bin_53	0.97960389	-
R0170300189_tooth_RA_megahit_bin_1	0.881487102	-
RSZAXPI002650_142_RA_saliva_metaspades_bin_28	0.754778	-
R0170300203_tooth_RA_megahit_bin_94	0.828985253	-
R0170300061_tooth_RA_megahit_bin_12	0.822845525	-
SZAXPI018096_17_RA_dental_metaspades_bin_23	0.800518286	-
R0170300124_tooth_RA_megahit_bin_51	1.065789966	-
R0170300282_tooth_RAH_megahit_bin_3	1.240549797	-
GCA_927910745_1_ERR3827327_bin_3_metaWRAP_v1_1_MAG_genomic	1.201263039	-
GCA_013333645_2_ASM1333364v2_genomic	0.668431458	-
R0170300258_tooth_RAH_megahit_bin_41	0.927488505	-
GCA_946222005_1_ZZEVbxAAOO_bin_25_MAG_genomic	0.8461031	-
SZAXPI018184_41_RA_dental_metaspades_bin_37	1.531565034	-
SZAXPI018318_20_RA_dental_metaspades_bin_6	1.329970414	-
RSZAXPI002675_22_RA_dental_metaspades_bin_61	0.844035381	-

R0170300120_tooth_RA_megahit_bin_28	0.817018968	-
GCA_905365145_1_ERZ1644999_mag_bin_1_genomic	1.773944406	-
GCA_905372095_1_SRR9217394_mag_bin_2_genomic	1.703932066	-
RSZAXPI002657_17_RA_dental_metaspades_bin_42	1.821559432	-
SZAXPI018288_133_RA_dental_metaspades_bin_4	1.3351712	-
SZAXPI018189_47_RA_dental_metaspades_bin_40	1.779755541	-
R0170300170_tooth_RA_megahit_bin_155	1.481326913	-
SZAXPI018280_95_RA_dental_metaspades_bin_36	1.755871915	-
R0170300062_tooth_RA_megahit_bin_61	1.556892717	-
R0170300222_tooth_RA_megahit_bin_94	1.298298434	-
GCA_013333625_2_ASM1333362v2_genomic	1.69705847	-
RSZAXPI002326_41_RAH_dental_metaspades_bin_24	1.942818165	-
SZAXPI018092_13_RA_dental_metaspades_bin_42	1.926731916	-
RSZAXPI002316_25_RAH_dental_metaspades_bin_26	1.72633279	-
RSZAXPI002617_32_RA_dental_metaspades_bin_17	1.759170983	-
GCA_905371595_1_SRR9217384_mag_bin_1_genomic	1.735200596	-
R0170300295_tooth_RAH_megahit_bin_55	0.964256532	-
R0170300252_tooth_RAH_megahit_bin_91	0.902674442	-
SZAXPI018284_111_RA_dental_metaspades_bin_60	1.905430329	-
R0170300319_tooth_RAH_megahit_bin_124	0.96868785	-
SZAXPI018176_32_RA_dental_metaspades_bin_12	1.967406201	-
R0170300106_tooth_RA_megahit_bin_47	1.801170646	-
SZAXPI018316_18_RA_dental_metaspades_bin_5	1.662881278	-
RSZAXPI002633_90_RA_dental_metaspades_bin_49	1.910418086	-
R0170300267_tooth_RAH_megahit_bin_37	1.762203238	-
R0170300320_tooth_RAH_megahit_bin_52	1.862197416	-
GCA_015257665_1_ASM1525766v1_genomic	1.464745385	-
GCA_905372385_1_SRR9217408_mag_bin_1_genomic	1.996387737	-
R0170300057_tooth_RA_megahit_bin_6	1.423018639	-
SZAXPI018280_95_RA_dental_metaspades_bin_20	1.114823017	-
GCA_905371785_1_SRR9217391_mag_bin_4_genomic	2.133207916	-
R0170300307_tooth_RAH_megahit_bin_81	1.93608713	-
R0170300265_tooth_RAH_megahit_bin_100	2.026656584	-
RDPYD18300192_A_saliva_metaspades_bin_52	1.343073131	-
GCA_018127705_1_ASM1812770v1_genomic	2.420231956	-
GCA_009778675_1_ASM977867v1_genomic	0	0.019924084
GCA_009777315_1_ASM977731v1_genomic	0	-
SZAXPI018406_56_RA_saliva_metaspades_bin_71	1.402398617	-
GCA_009781895_1_ASM978189v1_genomic	0	0.028569252
GCA_946404545_1_SRR12081298_bin_7_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017437945_1_ASM1743794v1_genomic	0	-
GCA_947304395_1_SRR10912535_bin_78_metaWRAP_v1_3_MAG_genomic	0	-
GCA_946530965_1_SRR873598_bin_145_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017460065_1_ASM1746006v1_genomic	0	0.033122587
GCA_017510385_1_ASM1751038v1_genomic	0	-
GCA_017531585_1_ASM1753158v1_genomic	0	-
GCA_946407955_1_SRR12081294_bin_80_metaWRAP_v1_3_MAG_genomic	0	-
GCA_946406645_1_SRR12081302_bin_54_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017430725_1_ASM1743072v1_genomic	0	-
GCA_946408075_1_SRR12081296_bin_6_metaWRAP_v1_3_MAG_genomic	0	0.032535372
GCA_017457925_1_ASM1745792v1_genomic	0	0.024686937
GCA_947303945_1_SRR10912540_bin_27_metaWRAP_v1_3_MAG_genomic	0	0.033582116
GCA_009783305_1_ASM978330v1_genomic	0	-
GCA_946619905_1_SRR873600_bin_141_metaWRAP_v1_3_MAG_genomic	0	-
GCA_024682595_1_ASM2468259v1_genomic	0	-
GCA_017524405_1_ASM1752440v1_genomic	0	-
GCA_017541245_1_ASM1754124v1_genomic	0	-
GCA_017418275_1_ASM1741827v1_genomic	0	0.001478174
GCA_946624835_1_SRR873600_bin_13_metaWRAP_v1_3_MAG_genomic	0	-
GCA_016283505_1_ASM1628350v1_genomic	0	0.041024388
GCA_946406315_1_SRR12081301_bin_45_metaWRAP_v1_3_MAG_genomic	0.694969658	-
GCA_947304825_1_SRR10912542_bin_28_metaWRAP_v1_3_MAG_genomic	0	-
GCA_946404095_1_SRR12081303_bin_66_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017512225_1_ASM1751222v1_genomic	0	-
GCA_017514025_1_ASM1751402v1_genomic	0	-
GCA_017619315_1_ASM1761931v1_genomic	0	0.048889587
GCA_017431085_1_ASM1743108v1_genomic	0	-
GCA_017510025_1_ASM1751002v1_genomic	0	-
GCA_017536895_1_ASM1753689v1_genomic	0	-
GCA_004138395_1_ASM413839v1_genomic	0	-
GCA_947306055_1_SRR10912535_bin_62_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017431465_1_ASM1743146v1_genomic	0	-
GCA_946414345_1_SRR12081302_bin_4_metaWRAP_v1_3_MAG_genomic	0	0.025597941
GCA_017431745_1_ASM1743174v1_genomic	0	-
GCA_017512095_1_ASM1751209v1_genomic	0	-
GCA_017406565_1_ASM1740656v1_genomic	0	0.007411664
GCA_947425995_1_SRR19981123_bin_1_metawrap_v1_3_MAG_genomic	0	-
GCA_017433855_1_ASM1743385v1_genomic	0	-
GCA_947388495_1_SRR15214593_bin_20_metawrap_v1_3_MAG_genomic	0	-
GCA_017652105_1_ASM1765210v1_genomic	0	-
GCA_017404325_1_ASM1740432v1_genomic	0	-
GCA_017511645_1_ASM1751164v1_genomic	0	-
GCA_017404485_1_ASM1740448v1_genomic	0	-
GCA_947171955_1_SRR14862904_bin_27_metawrap_v1_3_MAG_genomic	0	-
GCA_016280905_1_ASM1628090v1_genomic	0	-
GCA_017533605_1_ASM1753360v1_genomic	0	-
GCA_017552385_1_ASM1755238v1_genomic	0	-
GCA_017406405_1_ASM1740640v1_genomic	0	-
GCA_017421325_1_ASM1742132v1_genomic	0	-
GCA_017432225_1_ASM1743222v1_genomic	0	0.008299391
GCA_947165465_1_SRR8387716_bin_80_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017403895_1_ASM1740389v1_genomic	0	0.022792347
GCA_017515265_1_ASM1751526v1_genomic	0	-
GCA_002363125_1_ASM236312v1_genomic	0	-

GCA_017447485_1_ASM1744748v1_genomic	0	-
GCA_947087275_1_SRR14038240_bin_4_metawrap_v1_3_MAG_genomic	0	-
GCA_017482785_1_ASM1748278v1_genomic	0	0.003385729
GCA_017433185_1_ASM1743318v1_genomic	0	-
GCA_017511925_1_ASM1751192v1_genomic	0	-
GCA_017404685_1_ASM1740468v1_genomic	0	0.000453605
GCA_017515285_1_ASM1751528v1_genomic	0	0.011419397
GCA_017432365_1_ASM1743236v1_genomic	0	-
GCA_017459765_1_ASM1745976v1_genomic	0	-
GCA_017459845_1_ASM1745984v1_genomic	0	0.039374725
GCA_017432025_1_ASM1743202v1_genomic	0	0.020481786
GCA_947307355_1_SRR10912536_bin_13_metaWRAP_v1_3_MAG_genomic	0	0.015278169
GCA_017545595_1_ASM1754559v1_genomic	0	0.007027888
GCA_017510705_1_ASM1751070v1_genomic	0	-
GCA_017557865_1_ASM1755786v1_genomic	0	0.003770455
GCA_017404935_1_ASM1740493v1_genomic	0	0.022942606
GCA_017460105_1_ASM1746010v1_genomic	0	-
GCA_947648615_1_SRR15633991_bin_36_metawrap_v1_3_MAG_genomic	0	-
GCA_017545525_1_ASM1754552v1_genomic	0	0.048277974
GCA_946409605_1_SRR12081300_bin_39_metaWRAP_v1_3_MAG_genomic	0	-
GCA_947166125_1_SRR8387714_bin_9_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017510205_1_ASM1751020v1_genomic	0	-
GCA_947302355_1_SRR10912539_bin_48_metaWRAP_v1_3_MAG_genomic	0	0.00258276
GCA_017651125_1_ASM1765112v1_genomic	0	0.001328674
GCA_017421685_1_ASM1742168v1_genomic	0	-
GCA_946405975_1_SRR12081303_bin_106_metaWRAP_v1_3_MAG_genomic	0	-
GCA_002371235_1_ASM237123v1_genomic	0	0.002660149
GCA_017432425_1_ASM1743242v1_genomic	0	-
GCA_017537745_1_ASM1753774v1_genomic	0	-
GCA_017514145_1_ASM1751414v1_genomic	0	-
GCA_017432705_1_ASM1743270v1_genomic	0	-
GCA_017404515_1_ASM1740451v1_genomic	0	-
GCA_017516075_1_ASM1751607v1_genomic	0	0.001502278
GCA_017514665_1_ASM1751466v1_genomic	0	0.001408197
GCA_017962365_1_ASM1796236v1_genomic	0	0.003029137
GCA_016286785_1_ASM1628678v1_genomic	0	0.019307168
GCA_017512045_1_ASM1751204v1_genomic	0	0.015419185
GCA_947368805_1_SRR15431190_bin_13_metawrap_v1_3_MAG_genomic	0	-
GCA_017506895_1_ASM1750689v1_genomic	0	0.034751922
GCA_946408595_1_SRR12081297_bin_13_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017556795_1_ASM1755679v1_genomic	0	0.00450766
GCA_017407085_1_ASM1740708v1_genomic	0	0.014706636
GCA_947425855_1_SRR19981115_bin_7_metawrap_v1_3_MAG_genomic	0	-
GCA_017460165_1_ASM1746016v1_genomic	0	0.007987915
GCA_017509895_1_ASM1750989v1_genomic	0	0.0301128
GCA_017406775_1_ASM1740677v1_genomic	0	-
GCA_017561575_1_ASM1756157v1_genomic	0	-
GCA_024697865_1_ASM2469786v1_genomic	0	-
GCA_947385605_1_ERR6760111_bin_57_metawrap_v1_3_MAG_genomic	0.109808978	-
GCA_017405225_1_ASM1740522v1_genomic	0	-
GCA_017460305_1_ASM1746030v1_genomic	0	0.002048972
GCA_947364965_1_SRR16350202_bin_8_metawrap_v1_3_MAG_genomic	0	-
GCA_017514045_1_ASM1751404v1_genomic	0	0.000131458
GCA_017433845_1_ASM1743384v1_genomic	0	-
GCA_017432505_1_ASM1743250v1_genomic	0	0.032265183
GCA_947089645_1_SRR14038237_bin_40_metawrap_v1_3_MAG_genomic	0	-
GCA_017432305_1_ASM1743230v1_genomic	0	0.001402476
GCA_017545505_1_ASM1754550v1_genomic	0	0.001911175
GCA_947346675_1_SRR14629574_bin_28_metawrap_v1_3_MAG_genomic	0	-
GCA_947296925_1_SRR19390379_bin_6_metawrap_v1_3_MAG_genomic	0	-
GCA_017652765_1_ASM1765276v1_genomic	0	0.000572927
GCA_017460625_1_ASM1746062v1_genomic	0	0.012597817
GCA_947165975_1_SRR8387714_bin_97_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017510665_1_ASM1751066v1_genomic	0	-
GCA_946548715_1_SRR1222429_bin_13_metaWRAP_v1_3_MAG_genomic	0	0.006198544
GCA_017514675_1_ASM1751467v1_genomic	0	-
GCA_017431945_1_ASM1743194v1_genomic	0	0.008216922
GCA_017431955_1_ASM1743195v1_genomic	0	-
GCA_017515785_1_ASM1751578v1_genomic	0	0.04258768
GCA_947304155_1_SRR10912535_bin_54_metaWRAP_v1_3_MAG_genomic	0	-
GCA_946414465_1_SRR12081303_bin_63_metaWRAP_v1_3_MAG_genomic	0	-
GCA_947304135_1_SRR10912535_bin_47_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017510425_1_ASM1751042v1_genomic	0	0.019378985
GCA_017510445_1_ASM1751044v1_genomic	0	0.035440623
GCA_017511845_1_ASM1751184v1_genomic	0	0.010365082
GCA_017510075_1_ASM1751007v1_genomic	0	-
GCA_017406985_1_ASM1740698v1_genomic	0	-
GCA_003979185_1_ASM397918v1_genomic	0	-
GCA_947302975_1_SRR10912535_bin_55_metaWRAP_v1_3_MAG_genomic	0	-
GCA_947428935_1_SRR19981124_bin_14_metawrap_v1_3_MAG_genomic	0	-
GCA_017459705_1_ASM1745970v1_genomic	0	-
GCA_017480095_1_ASM1748009v1_genomic	0	0.006484758
GCA_017511205_1_ASM1751120v1_genomic	0	-
GCA_017404845_1_ASM1740484v1_genomic	0	-
GCA_017480035_1_ASM1748003v1_genomic	0	0.006280115
GCA_947425245_1_SRR19981124_bin_25_metawrap_v1_3_MAG_genomic	0	-
GCA_017515105_1_ASM1751510v1_genomic	0	-
GCA_017510925_1_ASM1751092v1_genomic	0	0.022470504
GCA_945872155_1_SRR15732359_bin_8_metaWRAP_v1_3_MAG_genomic	0.233229451	-
GCA_024699125_1_ASM2469912v1_genomic	0	-
GCA_947168545_1_SRR8387715_bin_82_metaWRAP_v1_3_MAG_genomic	0	0.000831194
GCA_017511965_1_ASM1751196v1_genomic	0	-
GCA_017404955_1_ASM1740495v1_genomic	0	-
GCA_017406905_1_ASM1740690v1_genomic	0	0.002542543

GCA_017514865_1_ASM1751486v1_genomic	0	0.011740138
GCA_002309075_1_ASM230907v1_genomic	0	-
GCA_017460225_1_ASM1746022v1_genomic	0	0.039373617
GCA_017404335_1_ASM1740433v1_genomic	0	-
GCA_017430785_1_ASM1743078v1_genomic	0	-
GCA_947306835_1_SRR10912542_bin_23_metaWRAP_v1_3_MAG_genomic	0	-
GCA_947569885_1_SRR15604579_bin_36_metawrap_v1_3_MAG_genomic	0.072323601	-
GCA_017513905_1_ASM1751390v1_genomic	0	0.0068028
GCA_017512925_1_ASM1751292v1_genomic	0	-
GCA_947427335_1_SRR18439536_bin_19_metawrap_v1_3_MAG_genomic	0.027992419	0.000524982
GCA_947303265_1_SRR10912539_bin_36_metaWRAP_v1_3_MAG_genomic	0	-
GCA_017404725_1_ASM1740472v1_genomic	0	2.14E-05
GCA_017404795_1_ASM1740479v1_genomic	0.154842955	-
SZAXPI018406_56_RA_saliva_metaspades_bin_70	1.827274628	-
RSZAXPI002619_34_RA_dental_metaspades_bin_5	0.981896987	-
R0170300292_tooth_RAH_megahit_bin_19	1.43108922	-
GCA_017557805_1_ASM1755780v1_genomic	0	0.019825481
GCA_017512085_1_ASM1751208v1_genomic	0	-
RSZAXPI002313_22_RAH_dental_metaspades_bin_87	1.654246472	-
GCA_947068245_1_SRR12358625_bin_21_metawrap_v1_3_MAG_genomic	0.802673846	-
RDPYD18098896_A_saliva_metaspades_bin_29	1.868641068	-
RDPYD18088951_A_saliva_metaspades_bin_87	1.848896177	-
R0170300146_tooth_RA_megahit_bin_30	0.813427148	-
R0170300161_tooth_RA_megahit_bin_150	1.566535887	-
R0170300287_tooth_RAH_megahit_bin_150	1.075748278	-
RSZYD18187537_A_saliva_metaspades_bin_50	1.86214709	0.039724705
R0170300233_tooth_RA_megahit_bin_80	1.708031131	-
RDPYD18300081_A_saliva_metaspades_bin_28	1.930525555	-
R0170300392_saliva_RAH_megahit_bin_14	1.488372638	0.048762617
RSZYD18078542_A_saliva_metaspades_bin_52	1.126398473	-
RSZYD18078322_A_saliva_metaspades_bin_73	1.805563659	-
RDPYD18201655_A_saliva_metaspades_bin_21	1.257393138	-
RSZYD18187002_A_saliva_metaspades_bin_39	1.310572546	-
R0170300162_tooth_RA_megahit_bin_89	1.793952514	-
RDPYD18189959_A_saliva_metaspades_bin_31	1.286223837	-
RDPYD18300101_A_saliva_metaspades_bin_92	1.396996376	-
GCA_013333375_2_ASM1333337v2_genomic	1.288960112	-
RSZYD18078115_A_saliva_metaspades_bin_19	1.49011189	-
R0170300223_tooth_RA_megahit_bin_10	1.826604846	0.045553279
SZAXPI018394_33_RA_saliva_metaspades_bin_17	1.904314264	-
RSZYD18078398_A_saliva_metaspades_bin_15	1.354870466	0.021272768
RSZYD18078217_A_saliva_metaspades_bin_95	1.439844456	-
RSZYD18187344_A_saliva_metaspades_bin_71	1.360818086	-
RDPYD18189835_A_saliva_metaspades_bin_31	1.367361473	-
RDPYD18300377_A_saliva_metaspades_bin_20	1.403260539	-
RDPYD18098585_A_saliva_metaspades_bin_25	1.443199316	-
RSZYD18187690_A_saliva_metaspades_bin_43	1.34975207	-
RSZYD18078100_A_saliva_metaspades_bin_89	1.81369586	0.047919508
GCA_013333135_2_ASM1333313v2_genomic	1.304309391	-
RSZYD18078115_A_saliva_metaspades_bin_40	1.804559629	-
RSZYD18187336_A_saliva_metaspades_bin_56	1.391865984	-
RSZYD18078615_A_saliva_metaspades_bin_32	1.595494085	-
R0170300378_saliva_RAH_megahit_bin_36	2.145046247	0.045155777
RSZYD18078325_A_saliva_metaspades_bin_95	1.92063807	-
RDPYD18189966_A_saliva_metaspades_bin_40	1.399210895	-
RSZYD18187652_A_saliva_metaspades_bin_2	1.566253134	-
RDPYD18300015_A_saliva_metaspades_bin_29	1.560625786	-
RSZYD18078695_A_saliva_metaspades_bin_25	1.429829589	-
RSZYD18078343_A_saliva_metaspades_bin_34	1.443254719	-
SZAXPI018439_102_RA_saliva_metaspades_bin_34	2.123146588	-
RDPYD18300091_A_saliva_metaspades_bin_68	1.587586621	-
RDPYD18088981_A_saliva_metaspades_bin_1	1.420237953	-
RDPYD18088979_A_saliva_metaspades_bin_8	1.473596809	-
RSZYD18187350_A_saliva_metaspades_bin_64	1.355096438	-
GCA_015257445_1_ASM1525744v1_genomic	1.412721515	-
SZAXPI018312_14_RA_dental_metaspades_bin_62	1.582576541	-
RSZYD18078148_A_saliva_metaspades_bin_14	1.572697543	-
RDPYD18300175_A_saliva_metaspades_bin_54	1.862877942	-
RSZYD18187273_A_saliva_metaspades_bin_99	1.3226891	-
RSZYD18187327_A_saliva_metaspades_bin_15	1.556111308	-
R0170300264_tooth_RAH_megahit_bin_17	1.504720867	-
RSZYD18187174_A_saliva_metaspades_bin_29	1.533243857	-
RSZYD18187503_A_saliva_metaspades_bin_19	1.544392689	-
GCA_015257485_1_ASM1525748v1_genomic	1.69106656	-
RSZYD18187144_A_saliva_metaspades_bin_68	1.395425157	-
GCA_013332955_2_ASM1333295v2_genomic	1.533626642	-
RSZAXPI002326_41_RAH_dental_metaspades_bin_8	1.666368394	-
SZAXPI018397_37_RA_saliva_metaspades_bin_18	1.999591657	-
R0170300298_tooth_RAH_megahit_bin_124	1.72118143	-
RSZYD18078798_A_saliva_metaspades_bin_24	1.875781155	-
RSZYD18187234_A_saliva_metaspades_bin_82	1.49805966	0.015591582
RSZYD18187330_A_saliva_metaspades_bin_30	1.626943002	-
RSZYD18078259_A_saliva_metaspades_bin_22	1.739582706	-
RDPYD18300036_A_saliva_metaspades_bin_53	1.776623547	-
RSZYD18187184_A_saliva_metaspades_bin_14	1.630312302	-
RSZAXPI002479_169_2_RAH_saliva_metaspades_bin_78	2.360332618	-
SZAXPI018358_23_RA_saliva_metaspades_bin_53	2.041202296	-
RSZYD18078181_A_saliva_metaspades_bin_24	1.660342385	-
RSZYD18187492_A_saliva_metaspades_bin_15	1.783562332	-
RSZAXPI002622_39_RA_saliva_metaspades_bin_19	1.683239988	-
RDPYD18123880_A_tongue_metaspades_bin_23	1.771624969	-
SZAXPI018493_25_RA_saliva_metaspades_bin_44	2.076026266	-
SZAXPI018492_24_RA_saliva_metaspades_bin_47	2.069687935	-
RSZYD18187261_A_saliva_metaspades_bin_68	2.14246281	8.17E-08

RSZYD18078769_A_saliva_metaspades_bin_60	1.980172491	-
GCA_018058565_1_ASM1805856v1_genomic	0	0.001509487
GCA_010014525_1_ASM1001452v1_genomic	0.081552375	0.032088697
RDPYD18098326_A_saliva_metaspades_bin_7	1.791316788	-
R0170300119_tooth_RA_megahit_bin_12	1.182984412	-
SZAXPI018317_19_RA_dental_metaspades_bin_69	1.483897365	-
R0170300141_tooth_RA_megahit_bin_72	1.436323578	-
RSZYD18187349_A_saliva_metaspades_bin_40	1.563870914	-
RSZYD18187447_A_saliva_metaspades_bin_38	1.54403993	-
R0170300232_tooth_RA_megahit_bin_71	1.386282096	-
SZAXPI018280_95_RA_dental_metaspades_bin_19	1.859297516	-
SZAXPI018286_123_RA_dental_metaspades_bin_45	1.987126456	-
RDPYD18098889_A_saliva_metaspades_bin_64	1.577480069	-
RDPYD18189905_A_saliva_metaspades_bin_29	1.456748683	-
RDPYD18098912_A_saliva_metaspades_bin_38	1.947343737	-
RDPYD18098496_A_saliva_metaspades_bin_7	1.759875043	-
SZAXPI018318_20_RA_dental_metaspades_bin_22	1.740056022	-
SRR8114071_metaspades_bin_18	1.656018082	-
RSZYD18078262_A_saliva_metaspades_bin_69	1.533909153	-
RSZYD18078075_A_saliva_metaspades_bin_101	1.588789415	-
SZAXPI018452_169_1_RA_saliva_metaspades_bin_16	2.003204543	-
RSZYD18078623_A_saliva_metaspades_bin_44	1.486550696	-
RDPYD18300091_A_saliva_metaspades_bin_39	1.634420761	-
RDPYD18088805_A_saliva_metaspades_bin_25	1.815752555	-
GCA_934717805_1_ERR7745621_bin_22_genomic	1.745007315	-
GCA_015257785_3_ASM1525778v3_genomic	2.529838999	-
GCA_016866755_1_JGI_2017_08_21_genomic	0	0.049672144
R0170300272_tooth_RAH_megahit_bin_12	0.819859232	-
R0170300181_tooth_RA_megahit_bin_83	1.027844471	-
GCA_010014515_1_ASM1001451v1_genomic	0.407394066	0.024046302
GCA_002421965_1_ASM242196v1_genomic	0.57656294	4.79E-05
GCA_013100825_1_ASM1310082v1_genomic	1.087600672	-
RSZAXPI002325_39_RAH_dental_metaspades_bin_28	1.077192875	-
GCA_013099195_1_ASM1309919v1_genomic	1.172493123	-
GCA_010202465_1_ASM1020246v1_genomic	1.022782975	-
GCA_005697565_1_ASM569756v1_genomic	1.436300835	-
R0170300231_tooth_RA_megahit_bin_16	1.06274183	-
R0170300157_tooth_RA_megahit_bin_55	1.019275763	-
SZAXPI018174_30_RA_dental_metaspades_bin_36	1.293263607	-
GCA_013394755_1_ASM1339475v1_genomic	1.124548625	-
SZAXPI018177_33_RA_dental_metaspades_bin_61	1.038912259	-
RSZAXPI002636_95_RA_dental_metaspades_bin_22	0.988630978	-
GCA_010202115_1_ASM1020211v1_genomic	1.201900994	-
GCA_010202645_1_ASM1020264v1_genomic	1.144555596	-
R0170300062_tooth_RA_megahit_bin_52	1.765241169	-
R0170300092_tooth_RA_megahit_bin_69	1.218880124	-
RSZAXPI002604_26_RA_dental_metaspades_bin_30	1.219789279	-
GCA_013099015_1_ASM1309901v1_genomic	1.207997587	-
R0170300197_tooth_RA_megahit_bin_71	2.031331122	-
R0170300179_tooth_RA_megahit_bin_1	1.275722198	-
R0170300071_tooth_RA_megahit_bin_81	1.309349936	0.028726642
SZAXPI018181_37_RA_dental_metaspades_bin_31	1.340307134	-
GCA_013100805_1_ASM1310080v1_genomic	1.034455471	-
GCA_905372305_1_SRR9217408_mag_bin_12_genomic	1.398862019	0.036966172
SZAXPI018171_25_1_RA_dental_metaspades_bin_52	1.422325358	-
SZAXPI018098_19_RA_dental_metaspades_bin_53	1.45395996	-
R0170300309_tooth_RAH_megahit_bin_70	1.376803873	-
RSZAXPI002620_35_RA_dental_metaspades_bin_1	1.494735228	-
SZAXPI018092_13_RA_dental_metaspades_bin_61	1.55897177	-
RSZAXPI002641_101_RA_dental_metaspades_bin_19	2.045313073	-
GCA_905372835_1_SRR9217428_mag_bin_30_genomic	1.688624463	0.029259656
RSZAXPI002635_94_RA_dental_metaspades_bin_41	1.523424367	-
GCA_905373795_1_SRR9217490_mag_bin_5_genomic	1.456408942	-
R0170300304_tooth_RAH_megahit_bin_45	1.624705506	-
SZAXPI018283_109_RA_dental_metaspades_bin_24	1.590782829	-
R0170300198_tooth_RA_megahit_bin_28	1.520124141	0.028728741
GCA_005697395_1_ASM569739v1_genomic	2.020099354	-
R0170300189_tooth_RA_megahit_bin_69	1.477367118	-
GCA_010202845_1_ASM1020284v1_genomic	1.179758011	-
R0170300289_tooth_RAH_megahit_bin_75	1.550571964	-
SZAXPI011699_166_RA_dental_metaspades_bin_36	1.492349775	-
GCA_947095985_1_SRR8786266_bin_1_metaWRAP_v1_3_MAG_genomic	1.97580278	0.046338439
YS000394_saliva_spades_bin_25	2.153020496	0.01469269
YS000678_saliva_spades_bin_12	2.265544343	0.000382484
RSZYD18078746_A_saliva_metaspades_bin_2	2.166449577	0.002485629
SZAXPI018317_19_RA_dental_metaspades_bin_31	1.623611807	-
YS000364_saliva_spades_bin_27	2.253910626	8.86E-05
RDPYD18093589_A_saliva_metaspades_bin_27	2.115201268	0.00740459
RSZYD18187312_A_saliva_metaspades_bin_49	2.274945458	0.00444959
RDPYD18189828_A_saliva_metaspades_bin_6	2.477801724	0.001529088
RSZAXPI002653_13_RA_saliva_metaspades_bin_70	2.353070657	0.000137971
SRR8114009_metaspades_bin_3	2.185252507	0.000415205
RDPYD18098912_A_saliva_metaspades_bin_17	2.480589288	0.046336284
RSZYD18187466_A_saliva_metaspades_bin_39	2.210983332	0.00122037
RDPYD18098341_A_saliva_metaspades_bin_33	2.312810302	0.001047117
RSZYD18078153_A_saliva_metaspades_bin_25	2.251723237	0.000342827
RSZYD18187427_A_saliva_metaspades_bin_75	2.246178517	0.013549413
GCA_022819345_1_ASM2281934v1_genomic	2.32910282	0.00231496
GCA_022828245_1_ASM2282824v1_genomic	2.352838508	0.001251579
RSZYD18078773_A_saliva_metaspades_bin_71	2.292832215	0.000126366
RSZYD18078259_A_saliva_metaspades_bin_16	2.306557294	0.007243479
GCA_022828325_1_ASM2282832v1_genomic	2.347058288	0.001729318
GCA_904425485_1_PRJEB35131_2_genomic	2.254884083	0.001908359
GCA_022828375_1_ASM2282837v1_genomic	2.3035814	0.001300257

YS001069_saliva_spades_bin_6	2.40099284	0.001190325
RDPYD18189875_A_saliva_metaspades_bin_4	2.214274388	0.024762739
RDPYD18300014_A_saliva_metaspades_bin_15	2.451032108	0.02794278
RDPYD18088984_A_saliva_metaspades_bin_13	2.359293224	0.00415811
YS000324_saliva_spades_bin_7	2.333238816	0.016878824
YS000915_saliva_spades_bin_1	2.259339081	0.000934067
GCA_022819365_1_ASM2281936v1_genomic	2.237222025	0.003706124
YS000545_saliva_spades_bin_26	2.349471837	0.007726776
GCA_021222645_1_ASM2122264v1_genomic	2.356328874	0.016385584
RSZYD18078161_A_saliva_metaspades_bin_1	2.351445227	-
RDPYD18201627_A_saliva_metaspades_bin_4	2.244848572	0.02500012
SRR8114034_metaspades_bin_21	2.209260986	0.001103001
YS000758_saliva_spades_bin_5	2.412103893	0.002373607
YS000918_saliva_spades_bin_33	2.340256997	0.001221097
RSZYD18187656_A_saliva_metaspades_bin_41	2.302288394	0.000352185
GCA_022828255_1_ASM2282825v1_genomic	2.286494263	0.001131001
RDPYD18099019_A_saliva_metaspades_bin_28	2.309265269	0.00024521
GCA_900555265_1_UMGS1805_genomic	2.248603443	0.000544135
RSZYD18078343_A_saliva_metaspades_bin_21	2.39447909	0.000181918
RSZYD18078188_A_saliva_metaspades_bin_16	2.507829768	-
RSZYD18187853_A_saliva_metaspades_bin_37	2.281774741	0.004984836
YS000282_saliva_spades_bin_24	2.306164889	0.000691588
YS000726_saliva_spades_bin_20	2.241854666	0.015284915
YS000546_saliva_spades_bin_3	2.251699924	0.007085692
RSZYD18187722_A_saliva_metaspades_bin_7	2.35247441	0.023632181
RDPYD18189916_A_saliva_metaspades_bin_45	2.307852218	0.017207515
RSZYD18078550_A_saliva_metaspades_bin_59	2.309643877	0.006715851
RDPYD18098770_A_saliva_metaspades_bin_53	2.399575277	0.011401437
YS000208_saliva_spades_bin_26	2.456850695	0.010070937
SZAXPI018400_40_RA_saliva_metaspades_bin_35	2.387638298	0.021296631
RDPYD18088830_A_saliva_metaspades_bin_38	2.388197251	0.007243479
YS000205_saliva_spades_bin_1	2.342319049	0.02768971
RSZYD18187540_A_saliva_metaspades_bin_35	2.427639887	0.003796002
RSZYD18187640_A_saliva_metaspades_bin_22	2.492617043	0.007483591
YS000131_saliva_spades_bin_17	2.402283051	0.002402439
RDPYD18099005_A_saliva_metaspades_bin_66	2.278607102	0.003378446
RSZAXPI002324_37_RAH_dental_metaspades_bin_42	2.290141703	0.033511424
SRR8114041_metaspades_bin_6	2.333061418	0.003538836
YS000462_saliva_spades_bin_8	2.289730964	-
RSZYD18187237_A_saliva_metaspades_bin_71	2.387944093	0.007646267
YS001090_saliva_spades_bin_11	2.324763839	0.001529965
YS001132_saliva_spades_bin_25	2.375442538	0.014988866
RSZYD18187514_A_saliva_metaspades_bin_23	2.347979707	0.047133515
RSZYD18187034_A_saliva_metaspades_bin_52	2.398979696	0.000970739
YS000298_saliva_spades_bin_49	2.329043503	-
RDPYD18201650_A_saliva_metaspades_bin_5	2.34486061	0.002802287
RDPYD18300036_A_saliva_metaspades_bin_65	2.414878411	0.00897085
GCA_946893605_1_PRJEB56001_genomic	2.286483808	0.010716672
GCA_015257705_1_ASM1525770v1_genomic	2.38742263	0.000383078
RDPYD18300328_A_saliva_metaspades_bin_32	2.487545447	0.004019276
RSZYD18187848_A_saliva_metaspades_bin_3	2.354554594	-
RSZYD18078809_A_saliva_metaspades_bin_65	2.502116367	-
RSZYD18078609_A_saliva_metaspades_bin_12	2.292708195	0.032327355
RSZYD18078399_A_saliva_metaspades_bin_40	2.408277937	-
RSZYD18187200_A_saliva_metaspades_bin_37	2.400573046	0.008968595
ORT_AM08_428	3.382264635	-
ORT_TM06_249	3.459756336	-
ORT_TM06_193	3.080009867	-
ORT_AM09_9_O_104	3.366590071	-
ORT_AM09_20_O_104	3.339601862	-
ORS_AF10_24_BH	3.356535993	-
ORT_AF10_C15	0.827038491	-
ORT_AM01_12O	0.87104061	-
SEQF2477	2.34213069	0.033819029
SEQF1730	2.290719663	-
SEQF1595	3.04833874	-
ORS_TM07_79	3.296039813	-
ORT_AM08_461	3.481068539	-
SEQF2462	2.465638273	0.001420009
SEQF2771	2.328188971	6.01E-06
SEQF1941	2.366056403	2.05E-05
SEQF2078	1.011626602	-
SEQF1611	1.915167291	-
SEQF3158	1.378718777	0.023860174
ODP_AM01_06	2.19879025	0.003382115
SEQF1942	2.183212577	0.005955389
SEQF2757	2.410645815	0.002262624
ODP_AF04_83	3.498261085	-
SEQF1963	2.567373338	0.003461533
ORS_TM07_40	2.188734996	5.46E-08

Supplementary Table 6b. Correlation of Saccharibacterial clusters and related bacterial clusters differing in abundance in each group in HC group.

bacterial cluster1	bacterial cluster2	ρs	correlation	*P*	*P* .adjust (FDR)
RSZYD18187554_A_saliva_metaspades_bin_21	RSZYD18078673_A_saliva_metaspades_bin_3	0.836518725	positive	2.45137E-13	1.4915E-11
RSZYD18187554_A_saliva_metaspades_bin_21	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.804625616	positive	9.4551E-12	4.00648E-10
RSZYD18187554_A_saliva_metaspades_bin_21	RDPYD18189925_A_saliva_metaspades_bin_14	0.821706323	positive	1.46283E-12	7.49532E-11
RSZYD18187554_A_saliva_metaspades_bin_21	GCA_022819385_1_ASM2281938v1_genomic	0.816883494	positive	2.52642E-12	1.24251E-10
RSZYD18187554_A_saliva_metaspades_bin_21	RSZYD18187676_A_saliva_metaspades_bin_32	0.748250941	positive	1.48676E-09	4.60933E-08
RSZYD18187554_A_saliva_metaspades_bin_21	RDPYD18075172_A_saliva_metaspades_bin_27	0.816583786	positive	2.61213E-12	1.27953E-10
RSZYD18187554_A_saliva_metaspades_bin_21	RSZYD18187171_A_saliva_metaspades_bin_47	0.807655613	positive	6.88316E-12	2.99969E-10
RSZYD18078673_A_saliva_metaspades_bin_3	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.925839198	positive	0	0
RSZYD18078673_A_saliva_metaspades_bin_3	RDPYD18189925_A_saliva_metaspades_bin_14	0.965593021	positive	0	0
RSZYD18078673_A_saliva_metaspades_bin_3	GCA_022819385_1_ASM2281938v1_genomic	0.860554553	positive	8.88178E-15	6.67278E-13
RSZYD18078673_A_saliva_metaspades_bin_3	RSZYD18187676_A_saliva_metaspades_bin_32	0.888599772	positive	0	0
RSZYD18078673_A_saliva_metaspades_bin_3	RDPYD18075172_A_saliva_metaspades_bin_27	0.960850083	positive	0	0
RSZYD18078673_A_saliva_metaspades_bin_3	RSZYD18187171_A_saliva_metaspades_bin_47	0.94604754	positive	0	0
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	RDPYD18189925_A_saliva_metaspades_bin_14	0.927755775	positive	0	0
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	GCA_022819385_1_ASM2281938v1_genomic	0.885869565	positive	0	0
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	RSZYD18187676_A_saliva_metaspades_bin_32	0.833371878	positive	3.63709E-13	2.10093E-11
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	RDPYD18075172_A_saliva_metaspades_bin_27	0.931020528	positive	0	0
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	RSZYD18187171_A_saliva_metaspades_bin_47	0.921684832	positive	0	0
RDPYD18189925_A_saliva_metaspades_bin_14	GCA_022819385_1_ASM2281938v1_genomic	0.856812466	positive	1.55431E-14	1.12628E-12
RDPYD18189925_A_saliva_metaspades_bin_14	RSZYD18187676_A_saliva_metaspades_bin_32	0.86363505	positive	5.55112E-15	4.32987E-13
RDPYD18189925_A_saliva_metaspades_bin_14	RDPYD18075172_A_saliva_metaspades_bin_27	0.942611813	positive	0	0
RDPYD18189925_A_saliva_metaspades_bin_14	RSZYD18187171_A_saliva_metaspades_bin_47	0.918936109	positive	0	0
GCA_022819385_1_ASM2281938v1_genomic	RSZYD18187676_A_saliva_metaspades_bin_32	0.789084181	positive	4.43618E-11	1.70299E-09
GCA_022819385_1_ASM2281938v1_genomic	RDPYD18075172_A_saliva_metaspades_bin_27	0.884475283	positive	2.22045E-16	2.2107E-14
GCA_022819385_1_ASM2281938v1_genomic	RSZYD18187171_A_saliva_metaspades_bin_47	0.883640254	positive	2.22045E-16	2.2107E-14
RSZYD18187676_A_saliva_metaspades_bin_32	RDPYD18075172_A_saliva_metaspades_bin_27	0.853599308	positive	2.4869E-14	1.77061E-12
RSZYD18187676_A_saliva_metaspades_bin_32	RSZYD18187171_A_saliva_metaspades_bin_47	0.847330231	positive	5.92859E-14	3.94574E-12
RDPYD18075172_A_saliva_metaspades_bin_27	RSZYD18187171_A_saliva_metaspades_bin_47	0.969845905	positive	0	0
SEQF1881	RSZYD18187554_A_saliva_metaspades_bin_21	0.505984389	positive	0.000285233	0.002158812
SEQF2481	RSZYD18187554_A_saliva_metaspades_bin_21	0.522767354	positive	0.000163455	0.001357986
SEQF2031	RSZYD18187554_A_saliva_metaspades_bin_21	0.592714658	positive	1.13555E-05	0.000136735
SEQF2031	RSZYD18078673_A_saliva_metaspades_bin_3	0.589412213	positive	1.30621E-05	0.0001544
SEQF2031	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.615518039	positive	4.1338E-06	5.59365E-05
SEQF2031	RDPYD18189925_A_saliva_metaspades_bin_14	0.600329566	positive	8.1735E-06	0.00010224
SEQF2031	GCA_022819385_1_ASM2281938v1_genomic	0.595860315	positive	9.92338E-06	0.000121643
SEQF2031	RSZYD18187676_A_saliva_metaspades_bin_32	0.534574468	positive	0.000108534	0.000963819
SEQF2031	RDPYD18075172_A_saliva_metaspades_bin_27	0.575657706	positive	2.30267E-05	0.000252675
SEQF2031	RSZYD18187171_A_saliva_metaspades_bin_47	0.567430835	positive	3.19361E-05	0.000336565
SEQF2739	RSZYD18078673_A_saliva_metaspades_bin_3	0.565819533	positive	3.40143E-05	0.000355408
SEQF2739	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.596207216	positive	9.77609E-06	0.000120199
SEQF2739	RDPYD18189925_A_saliva_metaspades_bin_14	0.529386257	positive	0.000130172	0.001122595
SEQF2739	GCA_022819385_1_ASM2281938v1_genomic	0.51699815	positive	0.000198582	0.001609419
SEQF2739	RDPYD18075172_A_saliva_metaspades_bin_27	0.591095693	positive	1.21646E-05	0.000145052
SEQF2739	RSZYD18187171_A_saliva_metaspades_bin_47	0.619062762	positive	3.50757E-06	4.87557E-05
SEQF2726	RSZYD18187554_A_saliva_metaspades_bin_21	0.516970223	positive	0.000198767	0.001609857
ODP_AM09_2D21	RSZYD18187554_A_saliva_metaspades_bin_21	0.538594971	positive	9.40789E-05	0.0008534
ORT_AF03_41	RSZYD18078673_A_saliva_metaspades_bin_3	0.504409176	positive	0.000300094	0.002253189
ORT_AF03_41	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.501618871	positive	0.000328148	0.002422242
ORT_AF03_41	GCA_022819385_1_ASM2281938v1_genomic	0.513991674	positive	0.000219482	0.001741919
ORT_AF03_41	RSZYD18187171_A_saliva_metaspades_bin_47	0.571420312	positive	2.72818E-05	0.000292039
ORS_AM09_12_BH	RSZYD18078673_A_saliva_metaspades_bin_3	0.564547379	positive	3.57418E-05	0.000371242
ORS_AM09_12_BH	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.597710453	positive	9.16084E-06	0.000113203
ORS_AM09_12_BH	RDPYD18189925_A_saliva_metaspades_bin_14	0.573848689	positive	2.47625E-05	0.000268119
ORS_AM09_12_BH	GCA_022819385_1_ASM2281938v1_genomic	0.549722479	positive	6.27373E-05	0.000602101
ORS_AM09_12_BH	RDPYD18075172_A_saliva_metaspades_bin_27	0.575484245	positive	2.31882E-05	0.000253992
ORS_AM09_12_BH	RSZYD18187171_A_saliva_metaspades_bin_47	0.593738256	positive	1.08698E-05	0.000131664
ORS_TM06_107	RSZYD18078673_A_saliva_metaspades_bin_3	0.513256431	positive	0.000224888	0.001777909
ORS_TM06_107	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.559551341	positive	4.33337E-05	0.000437481
ORS_TM06_107	GCA_022819385_1_ASM2281938v1_genomic	0.573543016	positive	2.50675E-05	0.00027118
ORS_TM06_107	RDPYD18075172_A_saliva_metaspades_bin_27	0.585198035	positive	1.55827E-05	0.000179516
ORS_TM06_107	RSZYD18187171_A_saliva_metaspades_bin_47	0.58853459	positive	1.35537E-05	0.000159442
ORT_AF03_190	RSZYD18187554_A_saliva_metaspades_bin_21	0.516507662	positive	0.000201863	0.001630618
ORT_AF05_233	RSZYD18187554_A_saliva_metaspades_bin_21	0.512922811	positive	0.000227381	0.001792984
ORT_AF05_232	RSZYD18187554_A_saliva_metaspades_bin_21	0.522520961	positive	0.000164831	0.001368492
ORS_TM06_130	RSZYD18187554_A_saliva_metaspades_bin_21	0.545591212	positive	7.30435E-05	0.000687013
ORS_AM08_79	RSZYD18187554_A_saliva_metaspades_bin_21	0.540387396	positive	8.82195E-05	0.000808334
ORS_AF04_134	RSZYD18187554_A_saliva_metaspades_bin_21	0.512922811	positive	0.000227381	0.001792984
RSZYD18187554_A_saliva_metaspades_bin_21	ORT_TM07_90	0.539346633	positive	9.15799E-05	0.000833819
RSZYD18187554_A_saliva_metaspades_bin_21	ORT_AM09_5D4	0.536282163	positive	0.000102164	0.000914543

Supplementary Table 6c. Correlation of Saccharibacterial clusters and related bacterial clusters differing in abundance in each group in RA group.

bacterial cluster1	bacterial cluster2	ρs	correlation	*P*	*P* .adjust (FDR)
RSZYD18187554_A_saliva_metaspades_bin_21	RSZYD18078673_A_saliva_metaspades_bin_3	0.871025083	positive	2.22045E-16	2.09166E-14
RSZYD18187554_A_saliva_metaspades_bin_21	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.801584826	positive	2.67875E-12	1.54735E-10
RSZYD18187554_A_saliva_metaspades_bin_21	RDPYD18189925_A_saliva_metaspades_bin_14	0.821142116	positive	2.81108E-13	1.8709E-11
RSZYD18187554_A_saliva_metaspades_bin_21	GCA_022819385_1_ASM2281938v1_genomic	0.871571971	positive	2.22045E-16	2.09166E-14
RSZYD18187554_A_saliva_metaspades_bin_21	RSZYD18187676_A_saliva_metaspades_bin_32	0.864785691	positive	4.44089E-16	4.02838E-14
RSZYD18187554_A_saliva_metaspades_bin_21	RDPYD18075172_A_saliva_metaspades_bin_27	0.718745497	positive	4.15102E-09	1.49951E-07
RSZYD18187554_A_saliva_metaspades_bin_21	RSZYD18187171_A_saliva_metaspades_bin_47	0.870035061	positive	2.22045E-16	2.09166E-14
RSZYD18078673_A_saliva_metaspades_bin_3	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.877686805	positive	0	0
RSZYD18078673_A_saliva_metaspades_bin_3	RDPYD18189925_A_saliva_metaspades_bin_14	0.898020953	positive	0	0
RSZYD18078673_A_saliva_metaspades_bin_3	GCA_022819385_1_ASM2281938v1_genomic	0.874771841	positive	0	0
RSZYD18078673_A_saliva_metaspades_bin_3	RSZYD18187676_A_saliva_metaspades_bin_32	0.919090297	positive	0	0
RSZYD18078673_A_saliva_metaspades_bin_3	RDPYD18075172_A_saliva_metaspades_bin_27	0.721394954	positive	3.42037E-09	1.26543E-07
RSZYD18078673_A_saliva_metaspades_bin_3	RSZYD18187171_A_saliva_metaspades_bin_47	0.884859266	positive	0	0
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	RDPYD18189925_A_saliva_metaspades_bin_14	0.803601875	positive	2.14806E-12	1.27078E-10
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	GCA_022819385_1_ASM2281938v1_genomic	0.847400651	positive	8.43769E-15	6.7979E-13
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	RSZYD18187676_A_saliva_metaspades_bin_32	0.918075298	positive	0	0
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	RDPYD18075172_A_saliva_metaspades_bin_27	0.689110339	positive	3.14752E-08	9.31028E-07
RSZAXPI002682_32_RA_saliva_metaspades_bin_12	RSZYD18187171_A_saliva_metaspades_bin_47	0.835490457	positive	4.4853E-14	3.30886E-12
RDPYD18189925_A_saliva_metaspades_bin_14	GCA_022819385_1_ASM2281938v1_genomic	0.814322079	positive	6.35936E-13	4.05608E-11
RDPYD18189925_A_saliva_metaspades_bin_14	RSZYD18187676_A_saliva_metaspades_bin_32	0.894176974	positive	0	0
RDPYD18189925_A_saliva_metaspades_bin_14	RDPYD18075172_A_saliva_metaspades_bin_27	0.697901157	positive	1.77016E-08	5.73475E-07
RDPYD18189925_A_saliva_metaspades_bin_14	RSZYD18187171_A_saliva_metaspades_bin_47	0.829691177	positive	9.61453E-14	6.72797E-12
GCA_022819385_1_ASM2281938v1_genomic	RSZYD18187676_A_saliva_metaspades_bin_32	0.916364512	positive	0	0
GCA_022819385_1_ASM2281938v1_genomic	RDPYD18075172_A_saliva_metaspades_bin_27	0.77628356	positive	3.50369E-11	1.66303E-09
GCA_022819385_1_ASM2281938v1_genomic	RSZYD18187171_A_saliva_metaspades_bin_47	0.893376879	positive	0	0
RSZYD18187676_A_saliva_metaspades_bin_32	RDPYD18075172_A_saliva_metaspades_bin_27	0.706591429	positive	9.81788E-09	3.33046E-07
RSZYD18187676_A_saliva_metaspades_bin_32	RSZYD18187171_A_saliva_metaspades_bin_47	0.849321649	positive	6.43929E-15	5.25704E-13
RDPYD18075172_A_saliva_metaspades_bin_27	RSZYD18187171_A_saliva_metaspades_bin_47	0.843523366	positive	1.4877E-14	1.15306E-12
SEQF3533	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	-0.550121252	negative	3.49536E-05	0.000508967
SEQF3533	GCA_022819385_1_ASM2281938v1_genomic	-0.514094993	negative	0.000134074	0.001546021
SEQF3533	RSZYD18187676_A_saliva_metaspades_bin_32	-0.53523494	negative	6.20586E-05	0.000822478
SEQF1914	RSZYD18187554_A_saliva_metaspades_bin_21	0.512846374	positive	0.000140095	0.001606146
SEQF1914	RSZYD18187171_A_saliva_metaspades_bin_47	0.542044857	positive	4.78865E-05	0.000665628
SEQF2031	RSZYD18187554_A_saliva_metaspades_bin_21	0.557508527	positive	2.60201E-05	0.000394359
SEQF2031	RSZYD18078673_A_saliva_metaspades_bin_3	0.640249778	positive	5.53138E-07	1.2614E-05
SEQF2031	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.705034935	positive	1.0928E-08	3.64644E-07
SEQF2031	RDPYD18189925_A_saliva_metaspades_bin_14	0.598712964	positive	4.3738E-06	8.16487E-05
SEQF2031	GCA_022819385_1_ASM2281938v1_genomic	0.567017243	positive	1.761E-05	0.00028153
SEQF2031	RSZYD18187676_A_saliva_metaspades_bin_32	0.636749982	positive	6.66276E-07	1.49163E-05
SEQF2031	RDPYD18075172_A_saliva_metaspades_bin_27	0.554338955	positive	2.95583E-05	0.000440353
SEQF2031	RSZYD18187171_A_saliva_metaspades_bin_47	0.606300728	positive	3.06401E-06	5.92762E-05
SEQF2739	RSZYD18078673_A_saliva_metaspades_bin_3	0.504755058	positive	0.000185472	0.002038862
SEQF2739	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.620615141	positive	1.52593E-06	3.21075E-05
SEQF2739	RDPYD18075172_A_saliva_metaspades_bin_27	0.516496184	positive	0.000123154	0.001436328
SEQF2739	RSZYD18187171_A_saliva_metaspades_bin_47	0.528406092	positive	8.00389E-05	0.001023128
ORS_AM09_12_BH	RSZYD18187554_A_saliva_metaspades_bin_21	0.564231862	positive	1.97682E-05	0.000310361
ORS_AM09_12_BH	RSZYD18078673_A_saliva_metaspades_bin_3	0.646109529	positive	4.02914E-07	9.42191E-06
ORS_AM09_12_BH	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.625465197	positive	1.19536E-06	2.56364E-05
ORS_AM09_12_BH	RDPYD18189925_A_saliva_metaspades_bin_14	0.579791579	positive	1.02227E-05	0.00017291
ORS_AM09_12_BH	GCA_022819385_1_ASM2281938v1_genomic	0.571339387	positive	1.46874E-05	0.000238544
ORS_AM09_12_BH	RSZYD18187676_A_saliva_metaspades_bin_32	0.621719609	positive	1.44393E-06	3.05395E-05
ORS_AM09_12_BH	RDPYD18075172_A_saliva_metaspades_bin_27	0.635499211	positive	7.11694E-07	1.57602E-05
ORS_AM09_12_BH	RSZYD18187171_A_saliva_metaspades_bin_47	0.66239255	positive	1.61041E-07	4.0662E-06
ORS_TM06_107	RDPYD18075172_A_saliva_metaspades_bin_27	0.517360613	positive	0.000119426	0.001402194
ORT_AF03_190	RSZYD18187554_A_saliva_metaspades_bin_21	0.523507662	positive	9.57453E-05	0.00117367
ORT_AF03_190	RSZYD18078673_A_saliva_metaspades_bin_3	0.540441898	positive	5.09253E-05	0.000699138
ORT_AF03_190	RDPYD18189925_A_saliva_metaspades_bin_14	0.502665324	positive	0.000199186	0.002164354
ORT_AF03_190	RDPYD18075172_A_saliva_metaspades_bin_27	0.518128994	positive	0.000116199	0.001369556
ORT_AF03_190	RSZYD18187171_A_saliva_metaspades_bin_47	0.604475823	positive	3.34064E-06	6.42221E-05
ORT_AF05_233	RSZYD18187554_A_saliva_metaspades_bin_21	0.522162995	positive	0.000100524	0.00122125
ORT_AF05_233	RSZYD18078673_A_saliva_metaspades_bin_3	0.526512983	positive	8.58058E-05	0.001076617
ORT_AF05_233	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.501236524	positive	0.000209086	0.00225393
ORT_AF05_233	RDPYD18189925_A_saliva_metaspades_bin_14	0.502089038	positive	0.000203126	0.002199367
ORT_AF05_233	RDPYD18075172_A_saliva_metaspades_bin_27	0.505642801	positive	0.000179911	0.001986646
ORT_AF05_233	RSZYD18187171_A_saliva_metaspades_bin_47	0.593430344	positive	5.57382E-06	0.000100231
ORS_TM06_130	RSZYD18187554_A_saliva_metaspades_bin_21	0.521010424	positive	0.000104793	0.001263084
ORS_TM06_130	RSZYD18078673_A_saliva_metaspades_bin_3	0.549903954	positive	3.52547E-05	0.000512133
ORS_TM06_130	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.500756321	positive	0.000212512	0.002286841
ORS_TM06_130	RDPYD18189925_A_saliva_metaspades_bin_14	0.511021469	positive	0.000149339	0.001696482
ORS_TM06_130	RDPYD18075172_A_saliva_metaspades_bin_27	0.531575664	positive	7.11719E-05	0.000928191
ORS_TM06_130	RSZYD18187171_A_saliva_metaspades_bin_47	0.620707874	positive	1.51888E-06	3.20142E-05
ORS_AM08_79	RSZYD18187554_A_saliva_metaspades_bin_21	0.526677234	positive	8.52908E-05	0.001074559
ORS_AM08_79	RSZYD18078673_A_saliva_metaspades_bin_3	0.55609992	positive	2.75414E-05	0.00041383
ORS_AM08_79	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.507959375	positive	0.000166106	0.001855966
ORS_AM08_79	RDPYD18189925_A_saliva_metaspades_bin_14	0.522162995	positive	0.000100524	0.00122125
ORS_AM08_79	RDPYD18075172_A_saliva_metaspades_bin_27	0.527541663	positive	8.26267E-05	0.001046377
ORS_AM08_79	RSZYD18187171_A_saliva_metaspades_bin_47	0.622436731	positive	1.3929E-06	2.95623E-05
ORS_AF04_134	RSZYD18187554_A_saliva_metaspades_bin_21	0.538587142	positive	5.46617E-05	0.000742753
ORS_AF04_134	RSZYD18078673_A_saliva_metaspades_bin_3	0.554947182	positive	2.88468E-05	0.000432384
ORS_AF04_134	RSZAXPI002682_32_RA_saliva_metaspades_bin_12	0.519580302	positive	0.000110319	0.001312897
ORS_AF04_134	RDPYD18189925_A_saliva_metaspades_bin_14	0.509676802	positive	0.000156502	0.001771284
ORS_AF04_134	RSZYD18187676_A_saliva_metaspades_bin_32	0.507191049	positive	0.000170574	0.001898955
ORS_AF04_134	RDPYD18075172_A_saliva_metaspades_bin_27	0.50285742	positive	0.000197888	0.002154072
ORS_AF04_134	RSZYD18187171_A_saliva_metaspades_bin_47	0.597944583	positive	4.53201E-06	8.40894E-05
RSZYD18187554_A_saliva_metaspades_bin_21	ORT_TM07_90	0.506603278	positive	0.000174066	0.001929055

RSZYD18187554_A_saliva_metaspades_bin_21	SEQF2726	0.505258611	positive	0.000182299	0.002007582
RSZYD18078673_A_saliva_metaspades_bin_3	ORT_TM07_90	0.527761783	positive	8.19606E-05	0.001042253
RSZYD18078673_A_saliva_metaspades_bin_3	SEQF2726	0.521661879	positive	0.00010236	0.001241093
RDPYD18075172_A_saliva_metaspades_bin_27	ORT_TM07_90	0.523315567	positive	9.6415E-05	0.001180698
RDPYD18075172_A_saliva_metaspades_bin_27	SEQF2726	0.527541663	positive	8.26267E-05	0.001046377
RSZYD18187171_A_saliva_metaspades_bin_47	ORT_TM07_90	0.614176634	positive	2.09683E-06	4.25833E-05
RSZYD18187171_A_saliva_metaspades_bin_47	SEQF2726	0.61312011	positive	2.2076E-06	4.43912E-05