

Supplementary figures of the manuscript entitled:

Specific impacts of beech and Norway spruce on the structure and diversity of the rhizosphere and soil microbial communities

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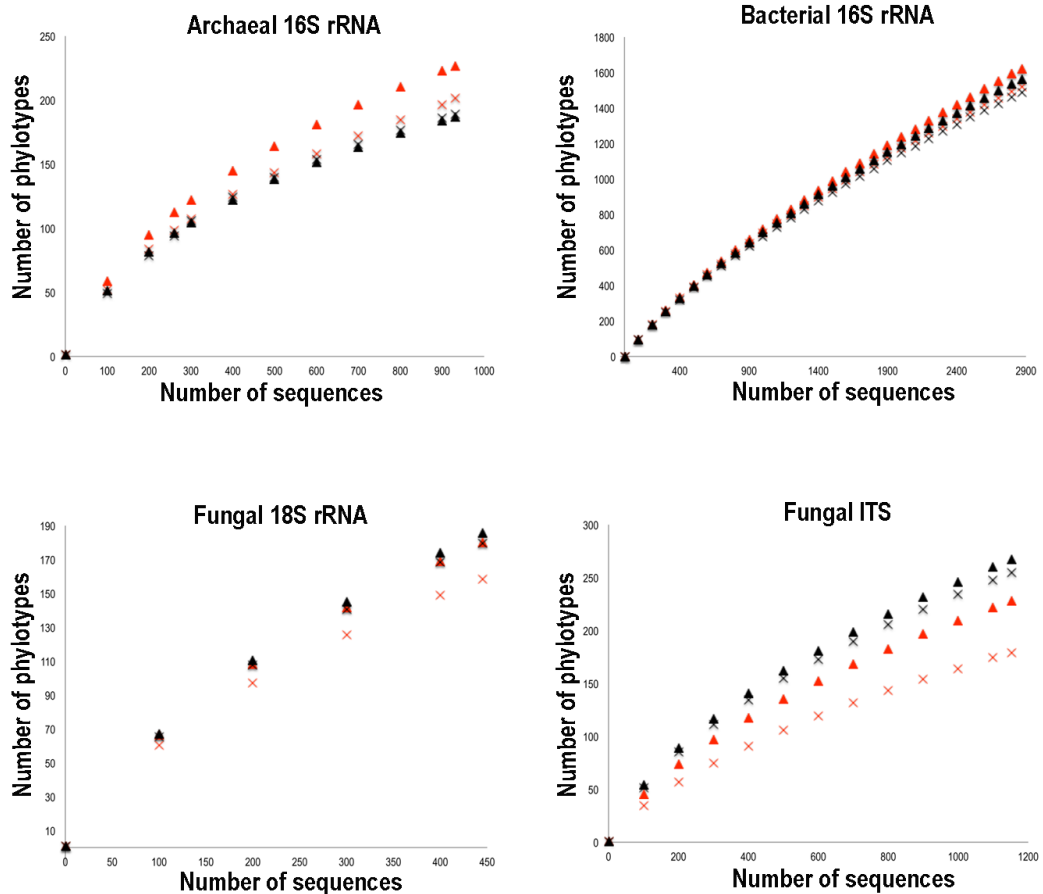


Figure S1: Rarefaction analyses. For each organism type, red symbols correspond to beech (B) samples coming from the bulk soil (red triangle) and the rhizosphere (red cross). Black symbols correspond to Norway spruce (NW) samples coming from the bulk soil (black triangle) and the rhizosphere (black cross).

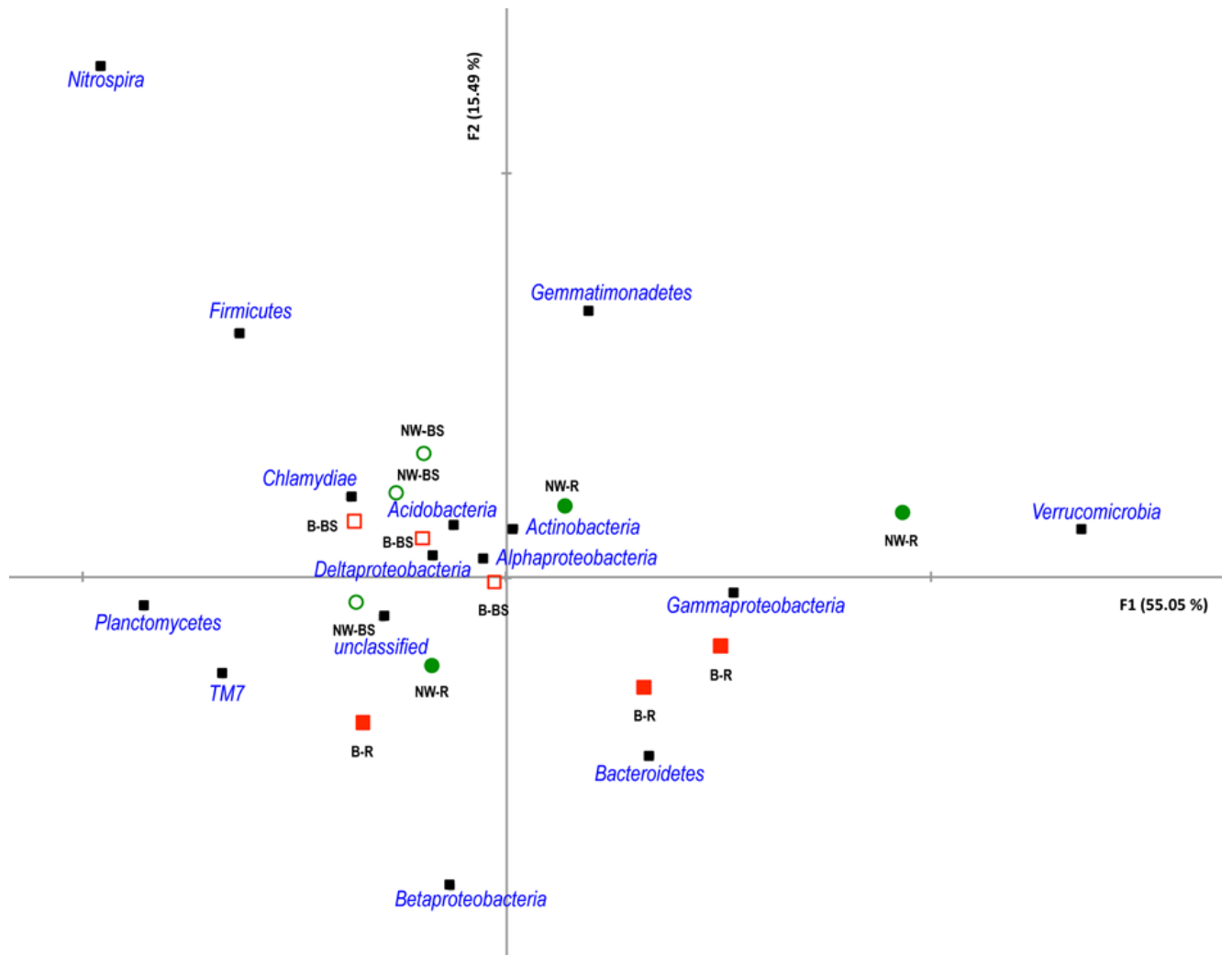


Figure S2: Multifactorial analysis of the relative proportion of the major bacterial phyla present in the rhizosphere and surrounding bulk soil under beech and Norway spruce stands. Green circle symbols correspond to Norway Spruce (NW) samples coming from the bulk soil (NW-BS ; open circle) and the rhizosphere (NW-R ; filled circle). Red square symbols correspond to Beech (B) samples coming from the bulk soil (B-BS ; open square) and the rhizosphere (B-R ; filled square). Vector position of the main phyla is presented by black squares.

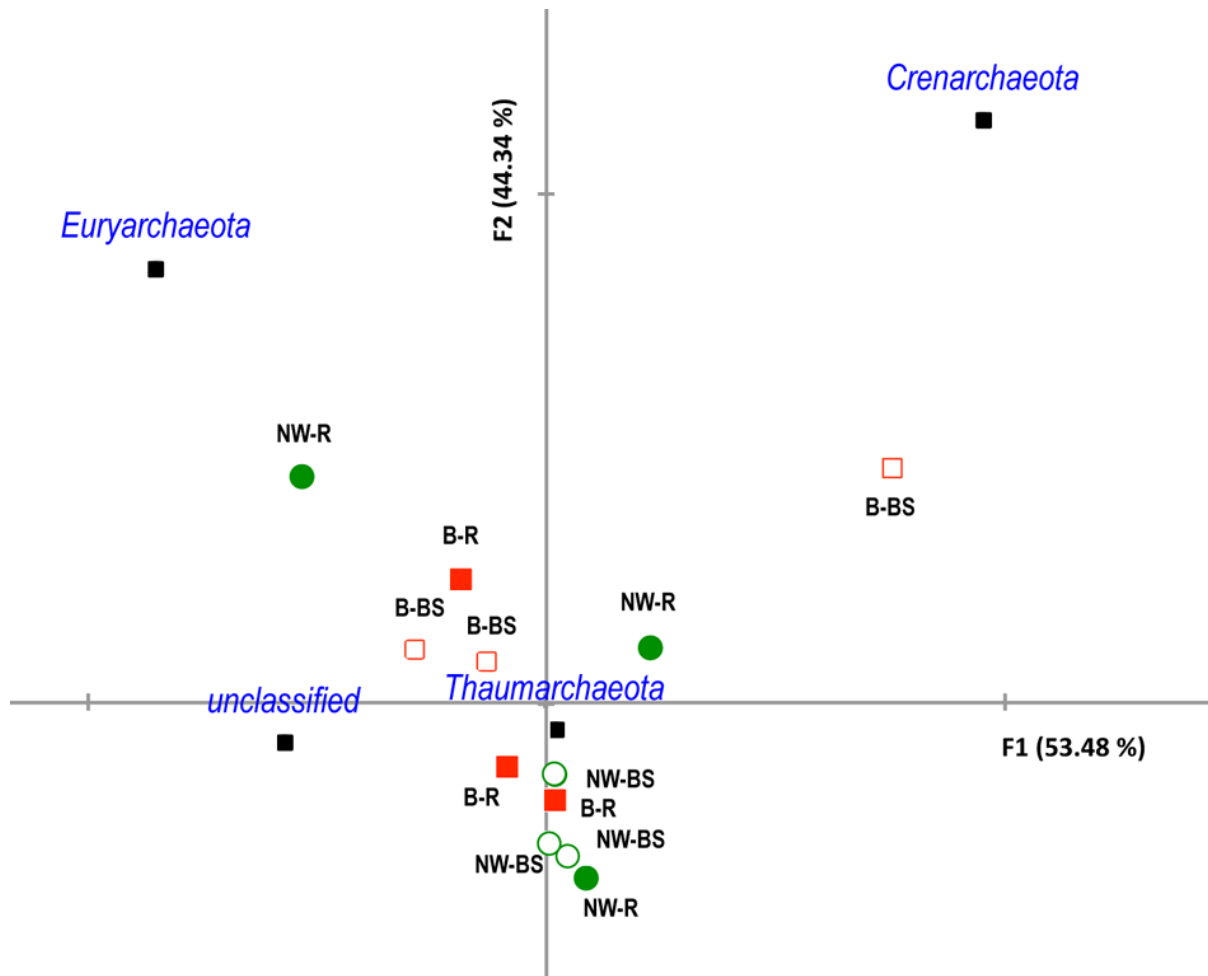


Figure S3: Multifactorial analysis of the relative proportion of the major archaeal phyla present in the rhizosphere and surrounding bulk soil under beech and Norway spruce stands. Green circle symbols correspond to Norway Spruce (NW) samples coming from the bulk soil (NW-BS ; open circle) and the rhizosphere (NW-R ; filled circle). Red square symbols correspond to Beech (B) samples coming from the bulk soil (B-BBS ; open square) and the rhizosphere (B-R ; filled square). Vector position of the main phyla is presented by black squares.

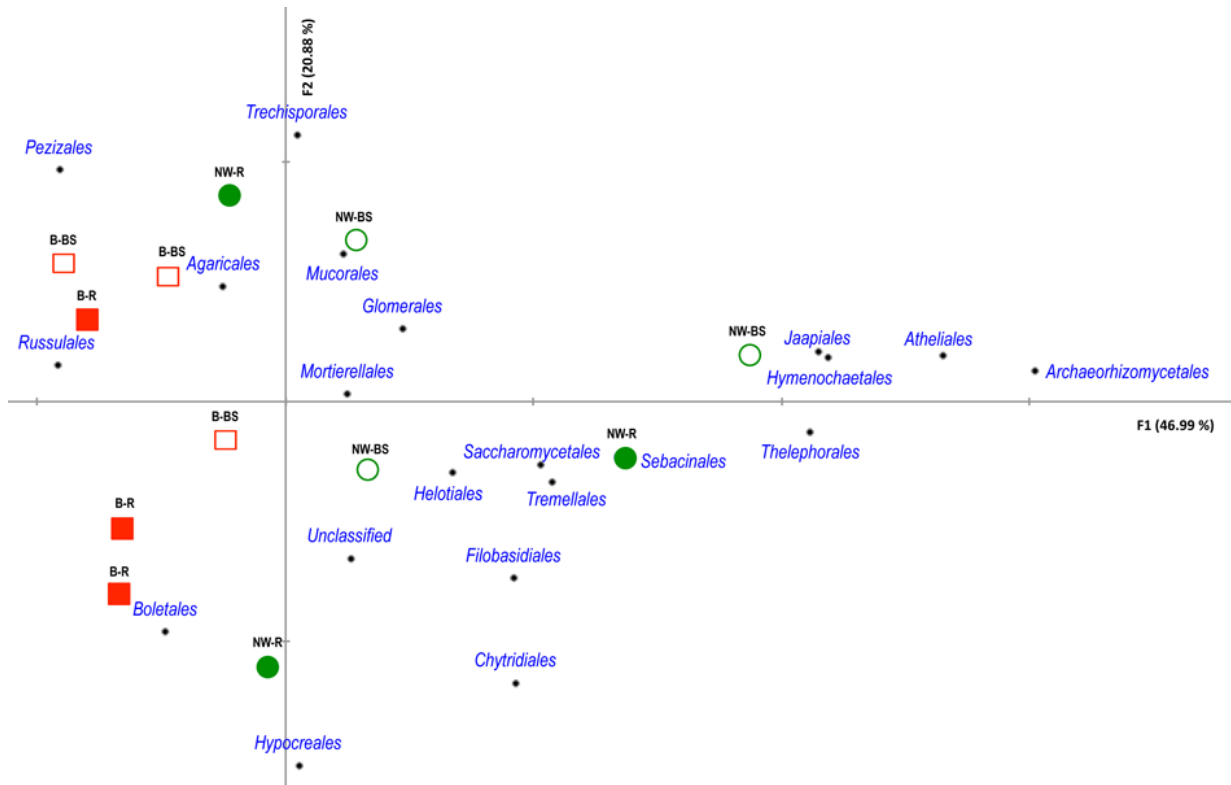


Figure S4: Multifactorial analysis of the relative proportion of the major fungal phyla (according to 18S rRNA assignment) present in the rhizosphere and surrounding bulk soil under beech and Norway spruce stands. Green circle symbols correspond to Norway Spruce (NW) samples coming from the bulk soil (NW-BS ; open circle) and the rhizosphere (NW-R ; filed circle). Red square symbols correspond to Beech (B) samples coming from the bulk soil (B-BS ; open square) and the rhizosphere (B-R ; filed square). Vector position of the main phyla is presented by black squares.

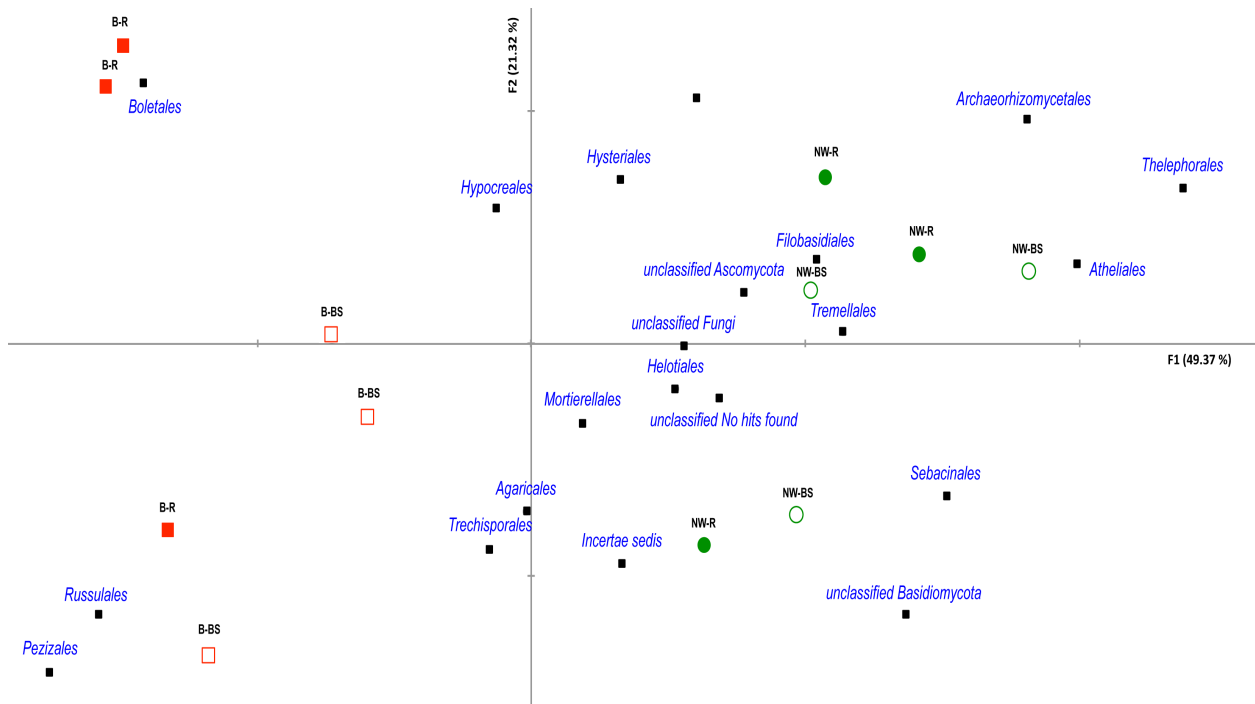


Figure S5: Multifactorial analysis of the relative proportion of the major fungal phyla (according to ITS assignation) present in the rhizosphere and surrounding bulk soil under beech and Norway spruce stands. Green circle symbols correspond to Norway Spruce (NW) samples coming from the bulk soil (NW-BS ; open circle) and the rhizosphere (NW-R ; filled circle). Red square symbols correspond to Beech (B) samples coming from the bulk soil (B-BS ; open square) and the rhizosphere (B-R ; filled square). Vector position of the main phyla is presented by black squares.

Table S1: presentation of the raw data

BACTERIA	sample	raw	q25	q25= quality of 25
H1R	1	4315	2912	
H1BS	2	10986	7846	
H2R	3	21077	14517	
H2BS	4	49961	37617	
H4R	5	23987	17819	
H4BS	6	27595	19908	
E2R	7	4442	2869	
E2BS	8	32206	23537	
E3R	9	28678	21542	
E3BS	10	19358	13960	
E4R	11	33256	24614	
E4BS	12	24033	16335	
	<i>total</i>	279894	203476	

ARCHAEA	sample	raw	q25	
H1R	1	3128	932	
H1BS	2	3367	966	
H2R	3	10692	2471	
H2BS	4	20118	7127	
H4R	5	4806	1702	
H4BS	6	7297	2287	
E2R	7	2433	261	
E2BS	8	5117	1590	
E3R	9	7727	3221	
E3BS	10	9729	3155	
E4R	11	3033	1364	
E4BS	12	7273	1310	
	<i>total</i>	84720	26386	

18S rRNA	sample	raw	q25	
H1R	1	1167	553	
H1BS	2	2779	1369	
H2R	3	5899	2889	
H2BS	4	3542	1803	
H4R	5	850	445	
H4BS	6	4780	1561	
E2R	7	1534	772	

E2BS	8	1023	501
E3R	9	4303	1968
E3BS	10	1555	671
E4R	11	3347	1505
E4BS	12	1258	570
<i>total</i>		<i>32037</i>	<i>14607</i>

ITS	sample	raw	q25	q25 and ITSx	
H1R		1	1802	1772	1374
H1BS		2	1524	1494	1153
H2R		3	3082	3044	2165
H2BS		4	4234	4155	2989
H4R		5	2205	2174	1538
H4BS		6	2152	2136	1783
E2R		7	1640	1607	1365
E2BS		8	2983	2929	2270
E3R		9	5456	5397	2193
E3BS		10	2844	2800	2258
E4R		11	4360	4302	3476
E4BS		12	2524	2493	1976
<i>total</i>			<i>34806</i>	<i>34303</i>	<i>24540</i>

Table S2: Details of the diversity and richness values

A/ in average

Archaea	NW-BS	NW-R	B-BS	B-R
OTU Obs	183	198	224	204
shannon	4.09	4.17	4.49	4.30
chao	293.66	306.06	363.25	337.17
Bacteria				
OTU Obs	1578	1478	1568	1523
shannon	6.92	6.83	6.93	6.91
chao	5064.12	4702.17	5012.04	4390.78
Fungi (18S)				
OTU Obs	187	180	181	156
shannon	4.68	4.63	4.69	4.40
chao	384.49	371.40	356.10	305.96
Fungi (ITS)				
OTU Obs	297	250	278	174
shannon	4.33	4.18	3.91	3.11
chao	598.2	545.4	474.0	417.9

B/ in detail sample per sample

ARCHAEA	chao	chao_lci	chao_hci	shannon	shannon_lci	shannon_hci	OTU Richness
E2BS	307.52	260.54	388.67	3.99	3.86	4.11	194
E3BS	310.84	259.63	400.15	4.21	4.11	4.32	184
E4BS	262.63	222.23	336.18	4.06	3.95	4.17	231
E3R	366.11	308.37	462.29	4.35	4.24	4.46	172
E4R	246.01	203.79	326.08	3.98	3.88	4.09	165
H1BS	410.30	350.70	505.70	4.71	4.62	4.81	250
H4BS	313.16	266.47	393.48	4.28	4.18	4.39	243
H2BS	366.30	311.17	457.21	4.48	4.38	4.58	218
H1R	391.22	334.22	483.84	4.67	4.58	4.77	193
H2R	331.11	272.96	431.98	4.26	4.16	4.36	205
H4R	289.18	234.46	388.47	3.98	3.87	4.08	176

BACTERIA	chao	chao_lci	chao_hci	shannon	shannon_lci	shannon_hci	OTU Richness
E2BS	5305.53	4702.08	6028.23	7.05	7.01	7.09	1607
E3BS	3076.93	2745.08	3483.15	6.59	6.54	6.64	1199
E4BS	6809.89	5994.47	7783.19	7.11	7.07	7.16	1308
E2R	2590.73	2330.94	2910.14	6.57	6.53	6.61	1462
E3R	4774.98	4199.65	5472.25	6.80	6.75	6.85	1818
E4R	6740.79	5940.64	7695.20	7.14	7.09	7.18	1772
H1BS	5394.55	4791.24	6114.83	7.06	7.02	7.10	1659
H2BS	6350.89	5587.33	7265.22	7.06	7.02	7.11	1570
H4BS	3290.68	2929.95	3731.50	6.67	6.63	6.72	1718
H1R	4243.23	3804.83	4767.44	6.96	6.92	7.00	1402
H2R	3674.56	3279.34	4153.37	6.82	6.77	6.86	1327
H4R	5254.56	4633.04	6002.77	6.94	6.90	6.99	1598

18S rRNA	chao	chao_lci	chao_hci	shannon	shannon_lci	shannon_hci	OTU Richness
E2BS	376.70	302.55	500.29	4.81	4.70	4.91	193
E3BS	370.04	292.55	500.83	4.65	4.54	4.76	166
E4BS	406.71	318.00	554.84	4.57	4.44	4.70	185
E2R	329.51	264.64	440.89	4.66	4.55	4.76	178
E3R	333.52	263.02	455.56	4.48	4.35	4.60	184
E4R	451.17	351.40	615.57	4.76	4.65	4.88	195
H1BS	400.28	324.21	524.38	4.90	4.80	5.01	199
H2BS	372.28	292.20	508.34	4.65	4.54	4.76	134
H4BS	295.74	237.36	398.17	4.52	4.41	4.63	174
H1R	220.01	179.51	295.72	4.02	3.87	4.16	164
H2R	361.70	282.83	497.13	4.58	4.47	4.70	171
H4R	336.16	267.48	453.23	4.61	4.50	4.71	170

ITS	chao	chao_lci	chao_hci	shannon	shannon_lci	shannon_hci	OTU Richness
E2BS	568.34	449.60	757.07	4.10	3.99	4.21	323
E3BS	538.73	429.39	714.77	4.30	4.20	4.40	215
E4BS	687.60	554.72	891.23	4.60	4.50	4.70	254
E2R	457.93	363.23	614.56	3.82	3.71	3.94	240
E3R	520.65	416.82	686.81	4.08	3.98	4.19	313
E4R	657.75	534.00	847.64	4.63	4.53	4.73	294
H1BS	480.60	396.82	610.90	4.01	3.90	4.12	322
H2BS	512.60	403.25	690.44	3.95	3.84	4.06	176
H4BS	428.75	344.28	566.73	3.78	3.67	3.89	227
H1R	474.78	351.41	687.97	2.93	2.80	3.07	150
H2R	356.11	271.94	504.11	2.79	2.66	2.93	286
H4R	422.67	330.23	578.74	3.59	3.48	3.70	196

Table S3: OTU based analysis

A/ Details of bacterial OTUs and associated statistics

OTUId	phylum	class	order	family	genus	H1R	E3BS	E4R	E4BS	H1BS	H2R	H2BS	H4R	H4BS	E2R	E2BS	E3R	sum	%
Cluster6847;	Acidobact	Acidobacteria	Gp2	Gp2		25	66	2	10	35	29	36	39	30	7	19	72	370	1.07
Cluster18103	Acidobact	Acidobacteria	Gp2	Gp2		36	11	23	34	37	26	21	26	51	21	12	13	311	0.90
Cluster17992	Acidobact	Acidobacteria	Gp2	Gp2		15	13	34	32	18	33	37	25	21	6	16	12	262	0.76
Cluster14562	Acidobact	Acidobacteria	Gp2	Gp2		24	15	18	26	16	21	23	27	33	7	25	23	258	0.75
Cluster2850;	Acidobact	Acidobacteria	Gp1	Granulicella		19	29	17	21	21	9	15	17	12	30	16	7	213	0.62
Cluster4524;	Acidobact	Acidobacteria	Gp2	Gp2		10	68	2	4	15	4	2	13	14	0	10	62	204	0.59
Cluster11489	Proteobacteria					9	50	10	4	7	17	5	10	14	22	19	26	193	0.56
Cluster21203	Acidobact	Acidobacteria	Gp1	Edaphobacter		16	10	13	13	17	13	14	15	15	19	20	23	188	0.55
Cluster18940	Acidobact	Acidobacteria	Gp2	Gp2		17	18	28	25	6	17	17	18	7	3	8	4	168	0.49
Cluster12709	Acidobact	Acidobacteria	Gp1			21	22	4	1	6	13	10	26	19	1	7	23	153	0.44
Cluster4743;	Acidobact	Acidobacteria	Gp1	Edaphobacter		7	6	14	5	16	14	13	11	9	15	17	5	132	0.38
Cluster23035	Proteobac	Gamm Xantl	Sinobac	Steroidobacter		2	2	21	4	6	19	11	7	2	29	13	6	122	0.35
Cluster7691;	size=778					2	11	1	3	10	10	11	21	33	4	6	7	119	0.35
Cluster3506;	size=796					12	21	5	8	5	3	14	15	13	3	6	13	118	0.34
Cluster16237	Acidobact	Acidobacteria	Gp2	Gp2		6	6	11	11	9	13	19	9	16	2	10	5	117	0.34
Cluster2589;	Acidobact	Acidobacteria	Gp2	Gp2		5	4	25	24	3	10	11	7	11	2	8	5	115	0.33
Cluster4397;	size=806					2	8	8	11	5	21	19	14	11	2	8	6	115	0.33
Cluster14571	Acidobact	Acidobacteria	Gp1			10	15	1	4	7	10	11	18	2	9	13	11	111	0.32
Cluster7758;	Proteobac	Alphaproteobacteria				2	18	1	8	3	9	11	10	32	1	1	10	106	0.31
Cluster119;	si Acidobact	Acidobacteria	Gp2	Gp2		5	25	6	5	6	7	10	6	11	0	2	16	99	0.29
Cluster23427	Proteobac	Gamm Xantl	Sinobac	Steroidobacter		0	0	0	2	15	7	7	13	8	43	0	0	95	0.28
Cluster6540;	Acidobact	Acidobacteria	Gp2	Gp2		4	10	1	11	6	6	9	14	12	0	4	16	93	0.27
Cluster179;	si Proteobac	Alphap	Rhizobiales			9	2	10	7	11	10	4	5	12	9	6	5	90	0.26
Cluster8857;	Verrucom	Opitut;	Opitu	Opituta	Opitutus	10	6	4	1	0	13	1	2	7	33	6	6	89	0.26

Cluster14049; Acidobact Acidobacteria_Gp1	9	7	11	2	7	9	8	3	7	14	4	8	89	0.26
Cluster19548; Proteobac Gamm Xantl Sinobac Steroidobacter	1	6	5	12	10	9	3	3	3	17	11	7	87	0.25
Cluster8;size: Proteobac Alpha; Rhodospirillales	7	1	10	7	6	6	17	3	4	12	13	0	86	0.25
Cluster3306; Proteobac Gammaproteobacteria	13	1	11	8	11	12	11	4	2	6	5	2	86	0.25
Cluster1045; Actinobac Actinol Acidi Acidimii Aciditerrimona	4	10	9	4	6	6	7	7	6	13	8	4	84	0.24
Cluster3862; Proteobac Gammaproteobacteria	20	11	3	3	7	4	4	4	11	0	2	14	83	0.24
Cluster16175; Acidobact Acidobacteria_Gp1 Gp1	1	1	11	15	9	6	2	0	5	21	12	0	83	0.24
Cluster5604; Acidobacteria	4	9	1	4	9	2	9	8	15	2	11	8	82	0.24
Cluster16075; Acidobact Acidobacteria_Gp1	0	1	2	6	19	10	0	4	21	5	14	0	82	0.24
Cluster19322; Acidobact Acidobacteria_Gp2 Gp2	9	19	5	9	8	12	12	1	3	0	0	1	79	0.23
Cluster2845; Actinobac Actinol Actinomycetales	6	4	2	1	10	4	9	10	9	6	10	7	78	0.23
Cluster7100; Proteobac Alpha; Rhizc Xantho Pseudolabrys	7	2	5	13	9	7	7	6	5	2	11	1	75	0.22
Cluster1707; Actinobac Actinol Actinomycetales	6	2	4	0	8	10	3	13	10	7	5	6	74	0.21
Cluster15933; Acidobact Acidobacteria_Gp2 Gp2	6	6	5	3	15	11	6	4	8	1	2	5	72	0.21
Cluster27;size: Verrucom Opitut; Opitu Opituta Opitutus	18	0	2	0	6	24	6	3	2	10	0	0	71	0.21
Cluster2830; Proteobac Deltaproteobacteria	5	8	5	4	10	3	0	1	13	5	9	7	70	0.20
Cluster14115; Acidobact Acidobacteria_Gp1	4	9	0	1	3	8	2	14	16	3	3	7	70	0.20
Cluster200;size: Acidobact Acidobacteria_Gp3 Gp3	3	1	9	5	2	4	2	2	4	26	9	2	69	0.20
Cluster3529; Acidobact Acidobacteria_Gp2 Gp2	4	14	3	3	1	9	10	0	1	1	6	17	69	0.20
Cluster5329; Proteobac Gamm Xantl Sinobac Steroidobacter	7	3	11	7	2	1	2	1	4	9	16	5	68	0.20
Cluster171;size: Proteobac Betapr Burkholderiales	7	1	1	1	1	11	1	30	9	2	0	3	67	0.19
Cluster3010; Proteobac Alpha; Rhodospirillales	6	1	4	4	11	3	7	1	4	6	19	1	67	0.19
Cluster10446; Proteobac Betaproteobacteria	3	4	4	11	1	11	7	5	6	1	8	6	67	0.19
Cluster26697; Actinobac Actinol Actinomycetales	3	2	0	5	9	10	11	6	6	8	4	3	67	0.19
Cluster11223; Proteobac Alpha; Rhizobiales	5	10	8	2	7	3	1	1	12	7	3	6	65	0.19
Cluster12566; Acidobact Acidobacteria_Gp2 Gp2	9	6	4	3	4	2	3	8	6	1	10	8	64	0.19
Cluster3358; Acidobact Acidobacteria_Gp2 Gp2	3	5	3	1	3	4	4	6	19	4	6	5	63	0.18
Cluster7861; Acidobact Acidobacteria_Gp2 Gp2	1	7	4	7	3	2	5	2	7	8	3	14	63	0.18
Cluster19858; Acidobact Acidobacteria_Gp2 Gp2	10	8	7	5	19	7	5	0	0	0	2	0	63	0.18

Cluster57;size: Acidobact Acidobacteria_Gp1 Gp1	11	2	7	2	7	6	2	2	2	18	0	3	62	0.18
Cluster7883; Proteobac Gamm Xantl Sinobac Steroidobacter	14	2	5	4	8	5	2	5	2	5	7	3	62	0.18
Cluster15109; Acidobact Acidobacteria_Gp2 Gp2	4	10	3	4	7	6	1	6	10	4	2	5	62	0.18
Cluster727;si Proteobac Gammaproteobacteria	11	7	3	9	6	3	3	5	6	0	6	2	61	0.18
Cluster2797; Acidobact Acidobacteria_Gp3	8	2	3	3	5	3	2	1	3	15	7	9	61	0.18
Cluster5715; Acidobact Acidobacteria_Gp2 Gp2	0	3	7	19	1	2	1	8	10	2	5	3	61	0.18
Cluster7356; Proteobac Alphap Rhodospirillales	3	4	10	13	3	5	2	9	8	1	1	2	61	0.18
Cluster10871 Proteobac Alphap Rhizc Bradyrhizobiaceae	5	10	5	3	2	9	5	3	4	4	1	10	61	0.18
Cluster9;size: Proteobac Alphap Rhodospirillales	3	6	3	2	0	10	10	8	10	0	2	6	60	0.17
Cluster4538; Proteobac Alphap Rhizobiales	3	2	0	10	4	6	10	9	7	1	5	2	59	0.17
Cluster772;si Acidobact Acidobacteria_Gp1	6	6	2	4	8	8	3	6	7	3	1	4	58	0.17
Cluster4050; Acidobact Acidobacteria_Gp2 Gp2	3	4	4	10	1	6	6	4	8	1	6	5	58	0.17
Cluster14550 Acidobact Acidobacteria_Gp1	7	0	4	8	12	3	7	3	0	8	6	0	58	0.17
Cluster17748 Proteobac Gamm Xantl Sinobac Steroidobacter	9	9	1	12	0	1	1	2	0	4	8	11	58	0.17
Cluster1759; Verrucom Opitut: Opitu Opituta Opitutus	3	2	7	0	1	5	1	2	4	22	5	5	57	0.17
Cluster16659;size=285	1	0	5	5	11	13	0	0	15	1	6	0	57	0.17
Cluster356;si Proteobac Betapr Burkl Burkhol Burkholderia	17	2	8	3	10	2	2	4	4	2	0	2	56	0.16
Cluster2439; Proteobac Gamm Xantl Sinobac Steroidobacter	0	10	6	2	1	8	2	5	7	4	4	7	56	0.16
Cluster3009; Acidobact Acidobacteria_Gp3 Gp3	2	15	1	2	2	4	4	8	9	3	2	4	56	0.16
Cluster3226; Proteobac Alphap Caulc Caulobacteraceae	12	1	2	2	11	1	4	2	0	9	10	2	56	0.16
Cluster5271; Acidobact Acidobacteria_Gp2 Gp2	3	4	3	2	3	6	2	10	8	3	8	4	56	0.16
Cluster14783 Proteobac Betapr Burkl Burkhol Burkholderia	3	3	7	6	4	4	3	8	9	1	2	6	56	0.16
Cluster2230; Verrucom Opitut: Opitu Opituta Opitutus	6	3	0	1	2	7	1	0	2	30	0	3	55	0.16
Cluster6361; Acidobact Acidobacteria_Gp2 Gp2	2	12	0	2	7	2	2	9	11	0	4	4	55	0.16
Cluster14148;size=314	3	5	2	3	6	5	10	9	3	0	5	4	55	0.16
Cluster23;size=331	2	6	5	8	1	4	3	5	6	5	5	4	54	0.16
Cluster2553; Acidobact Acidobacteria_Gp2 Gp2	0	13	0	4	0	3	2	12	9	0	2	9	54	0.16
Cluster4922; Verrucom Opitut: Opitu Opituta Opitutus	1	23	0	0	0	0	1	0	0	2	1	26	54	0.16
Cluster1654; Actinobac Actinol Actinomycetales	4	7	1	3	4	3	9	2	4	9	4	3	53	0.15

Cluster1900; Proteobac Gammaproteobacteria	16	1	2	3	14	8	4	2	2	0	0	1	53	0.15
Cluster2857; Acidobact Acidobacteria_Gp1 Gp1	8	3	6	5	9	4	2	1	0	8	4	3	53	0.15
Cluster7790; Acidobact Acidobacteria_Gp1	2	8	9	6	0	5	7	2	5	4	2	3	53	0.15
Cluster23167 Proteobac Gammaproteobacteria	0	0	0	0	16	9	6	10	11	0	0	1	53	0.15
Cluster6175; Acidobact Acidobacteria_Gp2 Gp2	0	19	0	3	6	0	1	3	1	0	0	19	52	0.15
Cluster2340; Acidobact Acidobacteria_Gp1	3	9	1	0	3	3	5	9	8	1	2	7	51	0.15
Cluster5050; Acidobacteria	1	8	2	0	4	5	3	8	6	0	9	5	51	0.15
Cluster12173 Verrucom Opitut; Opitu Opituta Opitutus	21	0	0	1	6	16	3	2	2	0	0	0	51	0.15
Cluster19869 Acidobact Acidobacteria_Gp2 Gp2	3	0	17	27	0	2	1	0	0	0	1	0	51	0.15
Cluster3098; Actinobac Actinol Actinomycetales	3	1	0	3	3	5	8	13	6	2	6	0	50	0.15
Cluster7920; Acidobact Acidobacteria_Gp3	5	1	3	3	4	6	2	6	2	12	4	2	50	0.15
Cluster18579 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	5	5	17	20	1	1	50	0.15
Cluster21922 Acidobact Acidobacteria_Gp1 Edaphobacter	4	1	5	5	4	2	5	4	3	9	5	3	50	0.15
Cluster1257; Acidobact Acidobacteria_Gp1	3	12	1	2	1	6	6	4	7	0	2	5	49	0.14
Cluster2571; Proteobac Alpha Rhizc Xanthol Labrys	1	12	0	1	1	2	1	6	9	5	7	4	49	0.14
Cluster8030; Proteobac Gamm Xantl Sinobac Steroidobacter	2	4	3	5	6	3	3	3	1	11	5	3	49	0.14
Cluster1062; Acidobact Acidobacteria_Gp2 Gp2	3	6	1	1	7	3	4	6	7	0	6	4	48	0.14
Cluster1725; Proteobac Gamm Xantl Sinobac Steroidobacter	3	1	4	2	5	1	1	0	2	18	9	2	48	0.14
Cluster1800; size=265	6	4	7	5	4	3	1	1	1	5	6	5	48	0.14
Cluster3179; Proteobac Alpha Rhizobiales	1	2	9	5	3	3	1	3	8	8	3	2	48	0.14
Cluster3604; Proteobac Gamm Xantl Sinobac Steroidobacter	1	1	9	6	4	2	2	1	1	12	4	5	48	0.14
Cluster4497; Acidobact Acidobacteria_Gp10 Gp10	2	8	4	8	1	1	2	6	4	0	3	9	48	0.14
Cluster11252 Acidobact Acidobacteria_Gp1	1	2	16	8	1	0	0	1	1	12	5	1	48	0.14
Cluster16681 Proteobac Gamm Xantl Sinobac Steroidobacter	8	7	8	6	0	1	0	0	0	1	11	6	48	0.14
Cluster2315; Acidobact Acidobacteria_Gp3 Gp3	1	6	0	1	3	1	2	3	14	2	1	13	47	0.14
Cluster3983; Proteobac Betapr Burkl Burkhol Burkholderia	4	2	8	4	4	8	5	6	5	1	0	0	47	0.14
Cluster190;si Verrucom Subdivision3 Subdivision3_ξ	7	4	0	2	5	9	6	3	0	2	5	3	46	0.13
Cluster1224; Proteobac Alpha Rhizobiales	3	0	3	3	10	2	1	4	5	5	9	1	46	0.13
Cluster2435; Proteobac Alpha Rhizobiales	1	9	2	1	4	3	8	8	6	2	1	1	46	0.13

Cluster3793; Proteobac Alpha; Alphaproteob; Rhizomicrobiu	3	2	5	1	6	6	4	2	1	5	7	4	46	0.13
Cluster353;si Verrucom Opitut; Opitu Opituta Opitutus	0	3	3	1	0	4	0	1	2	13	1	17	45	0.13
Cluster10767 Acidobacteria	3	5	0	1	9	2	1	8	6	0	2	8	45	0.13
Cluster1178; Acidobact Acidobacteria_Gp1 Gp1	4	4	3	2	6	1	3	6	2	9	4	0	44	0.13
Cluster13751 Acidobact Acidobacteria_Gp10 Gp10	4	8	3	4	4	1	1	6	2	0	2	9	44	0.13
Cluster14445 Proteobac Gamm Xantl Sinobac Steroidobacter	4	17	1	3	1	1	0	1	1	1	1	13	44	0.13
Cluster371;si Gemmatir Gemm Geml Gemma Gemmatimonæ	1	2	1	2	3	7	6	4	4	10	3	0	43	0.12
Cluster7671; Proteobac Gammaproteobacteria	6	4	2	4	1	7	4	4	4	3	3	1	43	0.12
Cluster9864; Acidobact Acidobacteria_Gp2 Gp2	1	6	8	7	2	0	0	2	3	3	4	7	43	0.12
Cluster15102;size=271	9	6	4	2	3	1	3	5	2	0	3	5	43	0.12
Cluster17377 Acidobacteria	0	2	5	2	0	7	0	0	15	6	5	1	43	0.12
Cluster18205 Acidobact Acidobacteria_Gp2 Gp2	2	2	4	0	4	4	5	5	1	5	6	5	43	0.12
Cluster18793 Acidobact Acidobacteria_Gp1 Gp1	2	7	3	0	2	4	4	4	7	3	2	5	43	0.12
Cluster485;si Proteobac Alpha; Rhizc Xanthol Labrys	11	0	4	2	1	7	0	3	4	0	3	7	42	0.12
Cluster5780; Verrucom Opitut; Opitu Opituta Opitutus	6	2	1	0	4	6	0	0	0	17	0	6	42	0.12
Cluster1608; Proteobac Deltaproteobacteria	1	1	2	6	0	5	5	5	6	1	7	2	41	0.12
Cluster1736; Proteobac Gammaproteobacteria	1	1	5	5	3	6	2	3	0	9	4	2	41	0.12
Cluster1970; Proteobac Alpha; Rhizobiales	3	7	6	0	1	2	4	1	4	2	5	6	41	0.12
Cluster14310 Acidobact Acidobacteria_Gp1	1	9	4	2	2	5	2	4	4	4	0	4	41	0.12
Cluster18117 Proteobac Betapr Burkl Burkhol Burkholderia	4	4	6	7	4	1	4	0	0	3	3	5	41	0.12
Cluster2233; Proteobacteria	3	13	1	1	1	4	5	4	3	0	0	5	40	0.12
Cluster2235; Proteobac Alpha; Caulc Caulobæ Caulobacter	1	2	3	3	3	5	2	1	2	5	9	4	40	0.12
Cluster3766; Acidobact Acidobacteria_Gp2 Gp2	1	6	3	0	0	11	6	0	0	0	4	9	40	0.12
Cluster25806 Actinobac Actinol Actinomycetales	0	4	1	1	1	10	5	5	4	2	4	3	40	0.12
Cluster1253; Acidobact Acidobacteria_Gp2 Gp2	7	1	5	2	5	3	0	4	4	2	4	2	39	0.11
Cluster3610; Acidobact Acidobacteria_Gp2 Gp2	1	4	1	1	5	2	4	4	0	0	2	15	39	0.11
Cluster4408; Acidobact Acidobacteria_Gp1	1	1	8	10	2	0	1	7	8	1	0	0	39	0.11
Cluster12555 Acidobact Acidobacteria_Gp2 Gp2	1	8	0	0	4	1	1	3	3	0	1	17	39	0.11
Cluster24741 Proteobac Alpha; Caulc Caulobacteraceae	3	1	3	5	6	2	1	2	5	8	3	0	39	0.11

Cluster512;si Proteobac Alphap Rhod Acetobacteraceae	5	5	3	6	2	1	1	0	1	5	5	4	38	0.11
Cluster1431; Acidobact Acidobacteria_Gp1	7	0	4	3	2	3	0	5	0	13	1	0	38	0.11
Cluster6725; Acidobact Acidobacteria_Gp3	2	6	1	4	3	1	3	3	3	5	6	1	38	0.11
Cluster9399; Acidobact Acidobacteria_Gp1 Gp1	2	7	1	1	1	7	4	2	5	1	0	7	38	0.11
Cluster11510 Proteobac Alphap Rhizc Xanthol Pseudolabrys	5	6	2	0	3	1	1	2	3	7	4	4	38	0.11
Cluster13130 Bacteroid Sphing Sphir Chitinophagaceae	2	2	0	4	6	3	7	2	4	1	4	3	38	0.11
Cluster1795; Proteobac Gammaproteobacteria	6	6	0	0	1	9	0	1	2	1	3	8	37	0.11
Cluster2326;size=202	2	6	4	10	0	2	1	4	1	0	4	3	37	0.11
Cluster2835; Proteobac Alphap Rhod Acetob; Acidisphaera	4	0	6	4	2	3	3	0	2	7	6	0	37	0.11
Cluster3222;size=176	2	3	3	2	5	1	1	2	5	6	4	3	37	0.11
Cluster3542; Proteobac Gammaproteobacteria	5	0	2	4	5	2	1	4	3	4	3	4	37	0.11
Cluster4371; Acidobact Acidobacteria_Gp1	3	1	3	1	2	3	1	7	7	1	3	5	37	0.11
Cluster11246 Proteobac Alphap Rhizobiales	3	5	0	0	2	4	1	4	9	0	4	5	37	0.11
Cluster18996 Acidobact Acidobacteria_Gp2 Gp2	1	8	0	3	4	5	4	4	3	0	2	3	37	0.11
Cluster64;size Proteobac Alphap Rhizc Beijerin Methylocapsa	4	4	5	0	2	1	2	6	2	5	4	1	36	0.10
Cluster1655; Acidobact Acidobacteria_Gp2 Gp2	9	8	1	1	4	3	2	1	1	1	3	2	36	0.10
Cluster3855; Acidobact Acidobacteria_Gp1	3	2	1	3	2	6	3	1	10	1	2	2	36	0.10
Cluster4077; Proteobac Alphap Rhodospirillales	0	8	4	4	1	6	2	1	4	1	2	3	36	0.10
Cluster7282; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	1	0	0	3	5	4	10	8	1	4	0	36	0.10
Cluster13828 Acidobact Acidobacteria_Gp1 Gp1	4	2	5	4	2	0	1	2	2	10	3	1	36	0.10
Cluster14736 Acidobact Acidobacteria_Gp2 Gp2	0	3	0	0	1	3	0	6	11	2	9	1	36	0.10
Cluster906;si Proteobac Betapr Burkl Burkhol Burkholderia	2	3	6	3	4	5	1	4	5	0	0	2	35	0.10
Cluster3785; Acidobact Acidobacteria_Gp2 Gp2	1	5	1	1	1	4	3	8	5	0	3	3	35	0.10
Cluster5621; Acidobact Acidobacteria_Gp2 Gp2	4	3	0	1	1	5	5	3	4	1	6	2	35	0.10
Cluster16787 Proteobac Gammaproteobacteria	7	5	2	4	0	1	0	1	1	0	2	12	35	0.10
Cluster22368 Actinobac Actinol Actin Mycoba Mycobacteriur	1	3	2	1	3	2	6	4	3	6	1	3	35	0.10
Cluster7;size: Acidobact Acidobacteria_Gp2 Gp2	0	3	7	5	4	0	3	2	1	2	3	4	34	0.10
Cluster1343; Proteobac Alphap Rhodospirillales	1	10	0	0	2	1	3	10	4	0	1	2	34	0.10
Cluster2251; Acidobact Acidobacteria_Gp2 Gp2	6	2	4	4	2	1	2	2	5	0	3	3	34	0.10

Cluster3297;size=58	23	0	0	0	5	0	0	3	2	1	0	0	34	0.10
Cluster4648; Acidobact Acidobacteria_Gp1 Gp1	3	5	0	0	0	4	0	7	9	0	0	6	34	0.10
Cluster4968; Proteobac Alphap Rhizc Xantho Pseudolabrys	1	6	1	2	4	1	2	4	4	0	6	3	34	0.10
Cluster273;si Acidobacteria	3	4	3	3	1	4	3	2	3	2	1	4	33	0.10
Cluster717;si Acidobact Acidobacteria_Gp3 Gp3	0	2	3	1	2	1	2	2	1	12	7	0	33	0.10
Cluster1697;size=179	6	2	1	3	2	1	2	2	5	5	3	1	33	0.10
Cluster2076; Proteobac Alphap Alphaproteok Rhizomicrobiu	3	2	1	3	4	4	4	5	3	2	0	2	33	0.10
Cluster3341; Proteobac Alphap Rhizc Xantho Pseudolabrys	3	0	4	4	1	2	5	1	5	1	6	1	33	0.10
Cluster3889; Proteobac Alphap Rhodospirillales	1	5	1	3	0	8	1	6	6	0	1	1	33	0.10
Cluster43;si Proteobac Alphap Rhizobiales	2	5	1	2	2	5	8	0	1	3	2	1	32	0.09
Cluster192;si Acidobact Acidobacteria_Gp10 Gp10	4	8	1	4	1	0	0	4	4	0	3	3	32	0.09
Cluster4374; Acidobact Acidobacteria_Gp1	0	2	0	5	1	5	2	6	8	0	3	0	32	0.09
Cluster5708;size=243	3	5	3	3	1	2	7	2	2	0	2	2	32	0.09
Cluster14180 Acidobact Acidobacteria_Gp1 Gp1	4	2	0	0	3	2	10	3	2	1	2	3	32	0.09
Cluster68;si Proteobac Betaproteobacteria	2	5	0	4	3	4	5	1	3	0	2	2	31	0.09
Cluster292;si Proteobac Alphap Rhod Rhodospirillaceae	6	5	3	2	2	2	3	0	0	1	3	4	31	0.09
Cluster674;si Actinobac Actino Actinomycetales	1	2	1	2	2	6	3	4	4	3	2	1	31	0.09
Cluster723;si Proteobac Alphap Rhod Rhodospirillaceae	2	7	0	1	3	2	1	2	4	0	0	9	31	0.09
Cluster1018; Verrucom Spartobacteria Spartobacteria	2	3	1	4	1	1	0	2	7	0	2	8	31	0.09
Cluster4489; Proteobac Alphap Rhodospirillales	2	2	1	1	2	5	2	5	7	2	0	2	31	0.09
Cluster14716 Acidobact Acidobacteria_Gp3	2	7	1	4	2	1	4	4	1	1	3	1	31	0.09
Cluster16702 Acidobact Acidobacteria_Gp1 Granulicella	0	0	5	4	2	5	0	0	5	7	3	0	31	0.09
Cluster38;size=266	2	1	2	4	0	4	4	1	5	0	4	3	30	0.09
Cluster741;si Proteobac Alphap Rhod Acetobacteraceae	1	0	3	1	0	0	1	0	1	13	10	0	30	0.09
Cluster3931; Proteobac Alphap Rhodospirillales	1	4	3	2	1	8	2	2	4	1	2	0	30	0.09
Cluster12534 Acidobact Acidobacteria_Gp3 Gp3	0	9	0	1	0	4	0	2	5	0	1	8	30	0.09
Cluster17212 Verrucom Opitut; Opitu Opituta Opitutus	2	0	0	0	0	25	0	0	1	2	0	0	30	0.09
Cluster18572 Proteobac Gamm Xantl Sinobac Steroidobacter	1	6	2	2	2	2	0	2	4	3	2	4	30	0.09
Cluster569;si Acidobact Acidobacteria_Gp1 Gp1	4	0	1	2	6	2	2	1	3	7	1	0	29	0.08

Cluster596;si Armatimc Armati Arma Armatin Armatimonas/	4	0	3	0	0	2	2	9	6	1	0	2	29	0.08
Cluster716;si Gemmatir Gemm Gemı Gemma Gemmatimona	0	12	0	1	2	3	2	1	2	0	2	4	29	0.08
Cluster1612; Proteobac Deltap Myxc Polyangiaceae	2	2	4	1	3	3	1	1	1	0	8	3	29	0.08
Cluster4595; Proteobac Alphap Rhodospirillales	1	5	0	0	3	2	1	3	8	0	0	6	29	0.08
Cluster5284; Proteobac Alphap Rhizobiales	1	3	2	0	3	3	5	1	7	0	2	2	29	0.08
Cluster10788 Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	3	1	0	3	3	1	3	0	7	5	0	3	29	0.08
Cluster348;si Acidobact Acidobacteria_Gp3 Gp3	3	1	3	2	1	3	2	3	3	5	1	1	28	0.08
Cluster963;si Actinobac Actinol Actin Actinosı Actinospica	3	1	3	0	2	1	2	4	2	5	3	2	28	0.08
Cluster2236; Acidobact Acidobacteria_Gp2 Gp2	0	3	2	2	6	3	1	2	5	0	4	0	28	0.08
Cluster2887; Acidobact Acidobacteria_Gp1 Gp1	1	2	3	1	0	10	7	1	1	0	1	1	28	0.08
Cluster13361 Acidobact Acidobacteria_Gp1 Gp1	0	3	1	5	0	0	0	1	3	8	3	4	28	0.08
Cluster28140 Bacteroid Sphing Sphir Sphingo Mucilaginicact	3	2	2	0	0	8	5	6	2	0	0	0	28	0.08
Cluster161;si Verrucom Spartobacteria Spartobacteria	3	4	0	1	7	0	3	4	2	0	0	3	27	0.08
Cluster1386; Chloroflex Ktedor Ktedonobacterales	1	3	1	2	0	6	3	5	5	0	1	0	27	0.08
Cluster2179; Firmicutes	2	2	3	4	2	4	4	2	0	1	3	0	27	0.08
Cluster2828; Acidobact Acidobacteria_Gp2 Gp2	5	6	0	2	1	0	4	1	2	0	1	5	27	0.08
Cluster3829; Acidobact Acidobacteria_Gp1 Gp1	2	0	2	2	2	8	5	2	2	1	1	0	27	0.08
Cluster5652; Acidobact Acidobacteria_Gp2 Gp2	3	1	2	4	1	1	1	2	1	0	6	5	27	0.08
Cluster5731; Acidobact Acidobacteria_Gp2 Gp2	0	0	4	2	3	1	1	3	2	1	10	0	27	0.08
Cluster13474 Acidobact Acidobacteria_Gp3 Gp3	1	0	2	1	0	8	8	2	3	2	0	0	27	0.08
Cluster14203 Acidobact Acidobacteria_Gp1 Gp1	3	9	1	0	0	0	1	0	0	0	0	13	27	0.08
Cluster14439 Acidobact Acidobacteria_Gp1	1	4	2	5	5	0	1	1	3	3	1	1	27	0.08
Cluster14637 Proteobac Alphap Alphaproteok Rhizomicrobiu	1	0	3	0	0	1	3	5	3	8	2	1	27	0.08
Cluster15060 Acidobact Acidobacteria_Gp3	0	5	0	0	3	3	3	2	8	0	1	2	27	0.08
Cluster18909 Proteobac Betapr Burkl Burkhol Burkholderia	9	0	3	0	1	5	1	3	3	1	1	0	27	0.08
Cluster26051 Proteobac Alphap Caulc Caulobæ Phenylobacter	3	0	1	1	4	3	3	1	0	7	4	0	27	0.08
Cluster6;size: Acidobact Acidobacteria_Gp2 Gp2	5	0	2	2	3	3	1	1	4	4	1	0	26	0.08
Cluster2057; Proteobac Gamm Xantl Sinobac Steroidobacter	2	2	4	4	0	2	1	0	0	8	1	2	26	0.08
Cluster5803; Proteobac Deltap Myxococcales	5	1	1	1	5	6	1	2	0	2	2	0	26	0.08

Cluster7153; Proteobac Betapr Burkl Burkhol Burkholderia	5	1	2	2	1	3	0	8	2	1	0	1	26	0.08
Cluster25876; Bacteroid Sphing Sphir Chitinophagaceae	3	1	2	1	0	6	1	4	0	2	2	4	26	0.08
Cluster929; si Gemmatir Gemm Gemı Gemma Gemmatimonas	0	6	0	0	0	0	2	1	4	0	0	12	25	0.07
Cluster1152; Acidobact Acidobacteria_Gp2 Gp2	2	7	1	3	2	1	2	3	3	0	1	0	25	0.07
Cluster2735; Proteobac Alphaq Rhizobiales	1	5	2	1	2	1	2	3	2	0	1	5	25	0.07
Cluster6130; Verrucom Subdivision3 Subdivision3_ξ	1	1	0	1	7	1	3	1	0	1	5	4	25	0.07
Cluster8297; Actinobac Actinol Actin Mycoba Mycobacteriur	2	2	2	2	1	3	2	1	0	1	8	1	25	0.07
Cluster23562; Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	1	2	0	0	2	20	0	0	25	0.07
Cluster24294; Proteobac Alphaq Caulc Caulobacteraceae	5	1	2	1	2	3	4	1	0	4	1	1	25	0.07
Cluster433; si Proteobac Alphaq Rhodospirillales	1	4	0	1	1	1	2	5	3	1	1	4	24	0.07
Cluster1411; Acidobact Acidobacteria_Gp3 Gp3	4	0	0	5	1	3	2	3	4	1	0	1	24	0.07
Cluster1489; Verrucom Opitutae	3	2	0	1	1	1	0	0	0	15	0	1	24	0.07
Cluster1853; size=156	2	1	4	4	1	3	2	0	2	3	2	0	24	0.07
Cluster2385; Proteobac Betapr Burkl Burkhol Burkholderia	2	2	1	0	0	3	4	3	3	0	0	6	24	0.07
Cluster2941; Verrucom Spartobacteria Spartobacteria	0	1	0	2	1	2	16	0	1	0	1	0	24	0.07
Cluster3520; Bacteroid Sphing Sphir Chitinophagaceae	4	1	0	0	3	2	0	5	1	0	1	7	24	0.07
Cluster4273; Actinobac Actinol Actin Mycoba Mycobacteriur	2	1	3	2	2	0	3	3	0	2	4	2	24	0.07
Cluster4570; Proteobac Alphaq Rhod Rhodospirillaceae	1	2	0	2	1	1	2	1	6	0	4	4	24	0.07
Cluster4600; size=54	9	1	0	0	8	0	0	2	4	0	0	0	24	0.07
Cluster7609; Proteobac Alphaq Rhizc Hyphomicrobiaceae	1	1	1	4	4	1	2	3	2	2	1	2	24	0.07
Cluster8525; Acidobact Acidobacteria_Gp2 Gp2	0	2	5	5	1	0	0	0	2	2	5	2	24	0.07
Cluster11371; Gemmatir Gemm Gemı Gemma Gemmatimonas	3	1	1	1	3	7	1	0	1	4	2	0	24	0.07
Cluster13363; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	7	4	3	1	0	3	5	24	0.07
Cluster15086; size=164	1	3	4	1	1	2	0	0	4	1	1	6	24	0.07
Cluster10; sizı Acidobact Acidobacteria_Gp2 Gp2	1	2	0	1	1	2	5	0	0	4	5	2	23	0.07
Cluster91; sizı Acidobact Acidobacteria_Gp1	2	1	6	2	1	2	0	0	2	3	2	2	23	0.07
Cluster136; si Proteobac Deltap Myxc Polyangiaceae	2	2	1	0	2	4	1	0	5	3	3	0	23	0.07
Cluster269; si Acidobact Acidobacteria_Gp1 Gp1	1	10	0	0	1	0	1	2	6	0	1	1	23	0.07
Cluster1359; Acidobacteria	0	2	1	1	2	2	2	4	3	4	2	0	23	0.07

Cluster1676; Bacteroid Sphing Sphir Chitinophagaceae	4	1	1	1	2	4	1	4	1	1	0	3	23	0.07
Cluster1869; Nitrospira Nitrosq Nitro Nitrospi Nitrospira	0	11	2	1	0	0	2	1	1	0	1	4	23	0.07
Cluster2869; Actinobac Actinol Acidi Acidimii Aciditerrimona	0	2	5	0	1	3	1	1	4	4	2	0	23	0.07
Cluster4082; Bacteroid Sphing Sphir Chitinophagaceae	2	0	2	1	1	4	0	2	3	4	4	0	23	0.07
Cluster4282; Proteobac Gammaproteobacteria	5	3	6	0	1	1	0	0	3	3	0	1	23	0.07
Cluster5539; Proteobac Alphaproteobacteria	0	5	1	2	1	2	0	5	4	1	0	2	23	0.07
Cluster7724; Verrucom Subdivision3 Subdivision3_ξ	2	0	2	2	0	3	2	2	2	0	3	5	23	0.07
Cluster8005; Acidobact Acidobacteria_Gp1	5	2	6	1	4	0	0	1	0	2	1	1	23	0.07
Cluster259;si Proteobac Betaproteobacteria	0	2	3	2	2	3	0	2	5	0	2	1	22	0.06
Cluster343;si Bacteroid Sphing Sphir Chitinoq Flavisolibacter	3	5	1	1	1	5	3	0	2	0	1	0	22	0.06
Cluster547;si Acidobact Acidobacteria_Gp3 Gp3	0	1	2	4	0	1	2	0	1	3	5	3	22	0.06
Cluster871;si Verrucom Opitut; Opitu Opituta Opitutus	1	0	1	0	1	5	0	3	5	3	1	2	22	0.06
Cluster996;si Acidobact Acidobacteria_Gp1	1	2	0	0	0	2	3	3	3	0	1	7	22	0.06
Cluster2572; Acidobact Acidobacteria_Gp3 Gp3	1	1	0	2	0	4	6	4	2	0	1	1	22	0.06
Cluster4510; Verrucom Subdivision3 Subdivision3_ξ	0	1	0	0	1	2	3	2	7	0	2	4	22	0.06
Cluster12413 Acidobact Acidobacteria_Gp1	4	1	2	1	0	0	2	4	1	4	2	1	22	0.06
Cluster14698 Acidobact Acidobacteria_Gp1 Gp1	1	1	1	1	3	3	3	1	1	6	1	0	22	0.06
Cluster14701 Acidobact Acidobacteria_Gp1	1	3	3	2	3	2	1	1	0	0	2	4	22	0.06
Cluster16636 Acidobact Acidobacteria_Gp1 Gp1	1	0	0	5	4	4	0	0	2	5	1	0	22	0.06
Cluster18200 Acidobact Acidobacteria_Gp3 Gp3	1	3	0	2	2	5	1	0	3	4	0	1	22	0.06
Cluster22274 Acidobact Acidobacteria_Gp1 Gp1	3	0	2	0	4	3	3	0	1	2	1	3	22	0.06
Cluster124;size=128	2	1	0	1	5	1	5	2	1	2	1	0	21	0.06
Cluster276;si Proteobac Alphaq Rhizc Bradyrhizobiaceae	0	6	1	2	0	1	0	0	2	4	2	3	21	0.06
Cluster848;si Acidobact Acidobacteria_Gp3	3	1	6	2	2	2	1	0	3	1	0	0	21	0.06
Cluster1787; Verrucom Opitut; Opitu Opituta Opitutus	4	0	1	0	0	4	0	0	0	12	0	0	21	0.06
Cluster2017; Verrucom Opitutae	0	5	0	1	0	0	0	0	0	9	3	3	21	0.06
Cluster2376; Proteobac Gamm Xantl Xanthor Rhodanobacte	2	0	1	1	4	2	6	1	2	2	0	0	21	0.06
Cluster2836; Verrucom Subdivision3 Subdivision3_ξ	0	1	3	0	2	1	4	4	5	0	0	1	21	0.06
Cluster3195; Proteobac Alphaq Alphaproteok Rhizomicrobiu	1	1	2	1	2	2	1	1	2	7	1	0	21	0.06

Cluster3237; Proteobac Alphap Rhodospirillales	1	1	2	2	5	0	1	0	2	5	2	0	21	0.06
Cluster3676; Bacteroid Sphing Sphir Chitinophagaceae	1	3	2	0	3	2	1	3	1	4	0	1	21	0.06
Cluster3797; Proteobac Alphap Rhizobiales	0	1	3	2	0	3	0	0	1	2	4	5	21	0.06
Cluster4610; Proteobac Alphap Rhodospirillales	4	3	0	0	2	1	0	4	4	0	1	2	21	0.06
Cluster4659; Proteobac Gammaproteobacteria	1	5	0	0	0	1	0	1	2	0	5	6	21	0.06
Cluster6798; Proteobac Deltap Myxococcales	1	2	1	0	3	3	1	2	4	1	0	3	21	0.06
Cluster10901 Proteobac Alphaproteobacteria	3	4	0	0	0	2	3	3	0	0	1	5	21	0.06
Cluster13304 Acidobact Acidobacteria_Gp1	0	2	4	1	5	0	1	0	0	7	1	0	21	0.06
Cluster14009 Acidobact Acidobacteria_Gp1 Edaphobacter	5	3	1	6	0	0	0	0	0	1	3	2	21	0.06
Cluster18715 Acidobact Acidobacteria_Gp3 Gp3	3	0	2	2	4	0	0	0	3	6	1	0	21	0.06
Cluster27003 Bacteroid Sphing Sphir Chitinophagaceae	1	0	4	1	1	1	0	0	0	7	5	1	21	0.06
Cluster15;size Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	3	6	0	1	0	0	0	1	1	3	3	2	20	0.06
Cluster84;size Proteobac Alphap Rhizc Hyphomicrobiaceae	4	2	1	0	3	0	0	2	3	5	0	0	20	0.06
Cluster427;si Verrucom Opitut; Opitu Opituta Opitutus	2	1	1	2	0	7	0	0	0	6	0	1	20	0.06
Cluster1794; Bacteroid Sphing Sphir Chitinophagaceae	2	1	2	1	2	0	0	0	1	7	3	1	20	0.06
Cluster2186; Actinobac Actinobacteria	2	0	4	2	0	1	0	2	3	3	1	2	20	0.06
Cluster2300; Bacteroid Sphing Sphir Chitinophagaceae	2	1	2	0	5	1	1	1	0	4	3	0	20	0.06
Cluster3281; Acidobact Acidobacteria_Gp1 Edaphobacter	2	0	3	1	0	2	1	2	0	4	3	2	20	0.06
Cluster4895; Bacteroid Sphing Sphir Sphingo Mucilagibact	0	2	2	0	0	2	4	2	3	1	2	2	20	0.06
Cluster5661; Proteobac Alphaproteobacteria	0	2	1	3	0	4	1	0	7	0	2	0	20	0.06
Cluster9859; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	1	1	0	7	0	3	8	0	0	0	0	0	20	0.06
Cluster13870 Acidobact Acidobacteria_Gp1 Gp1	0	1	2	2	2	0	2	0	2	7	1	1	20	0.06
Cluster15555 Acidobact Acidobacteria_Gp1	0	0	1	1	3	2	0	2	6	2	2	1	20	0.06
Cluster18407 Proteobac Alphap Rhod Acetobacteraceae	2	0	1	5	1	6	0	1	1	0	2	1	20	0.06
Cluster5;size Acidobact Acidobacteria_Gp2 Gp2	0	9	0	0	1	0	0	1	2	1	0	5	19	0.06
Cluster85;size Proteobac Gamm Xanthomonadales	2	1	1	0	0	0	0	0	0	14	0	1	19	0.06
Cluster263;si Acidobact Acidobacteria_Gp3 Gp3	0	14	0	0	1	0	0	0	0	0	1	3	19	0.06
Cluster417;si Proteobac Alphap Rhodospirillales	0	0	4	3	2	2	1	5	1	0	1	0	19	0.06
Cluster435;si Verrucom Opitut; Opitu Opituta Opitutus	1	1	0	1	0	3	0	0	0	13	0	0	19	0.06

Cluster470;si Verrucom Opitut:Opitu Opituta Opitutus	2	3	1	0	1	4	0	0	0	1	0	7	19	0.06
Cluster521;si Acidobact Acidobacteria_Gp1	6	3	0	1	2	1	1	3	0	1	0	1	19	0.06
Cluster632;si Acidobact Acidobacteria_Gp2 Gp2	0	0	3	4	0	1	0	0	0	5	5	1	19	0.06
Cluster652;si Acidobact Acidobacteria_Gp2 Gp2	1	3	1	2	1	0	2	1	1	5	0	2	19	0.06
Cluster1543; Proteobac Alphaproteobacteria	0	0	0	3	2	2	2	2	3	2	2	1	19	0.06
Cluster1576; Actinobac Actinol Actin Actinos Actinospica	1	1	1	2	0	1	1	2	2	2	0	6	19	0.06
Cluster1627; Acidobact Acidobacteria_Gp2 Gp2	0	2	0	0	0	0	0	4	5	0	1	7	19	0.06
Cluster1784; Bacteroid Sphing Sphir Chitino Flavitalea	0	0	2	1	3	3	3	1	3	2	1	0	19	0.06
Cluster2936; Verrucom Subdivision3 Subdivision3_ξ	2	1	2	0	4	2	2	1	2	0	2	1	19	0.06
Cluster3803; Proteobac Alphap Rhizc Xantho Pseudolabrys	1	0	1	2	3	0	1	2	1	1	6	1	19	0.06
Cluster9200; Proteobac Alphap Rhodospirillales	6	5	0	0	0	0	2	2	0	0	0	4	19	0.06
Cluster14177 Acidobact Acidobacteria_Gp1 Granulicella	1	4	2	1	0	2	1	0	0	2	1	5	19	0.06
Cluster14675 Verrucom Opitut:Opitu Opituta Opitutus	1	5	1	0	3	1	0	0	0	3	0	5	19	0.06
Cluster14852 Acidobact Acidobacteria_Gp1 Gp1	0	1	3	4	1	0	0	0	0	1	6	3	19	0.06
Cluster16867 Acidobact Acidobacteria_Gp1 Gp1	0	0	2	4	0	0	0	0	0	6	7	0	19	0.06
Cluster17007 Verrucom Opitut:Opitu Opituta Opitutus	1	0	0	0	0	6	0	0	2	9	1	0	19	0.06
Cluster17347 Verrucom Opitut:Opitu Opituta Opitutus	0	0	0	1	0	3	0	0	0	15	0	0	19	0.06
Cluster22248 Bacteroid Sphing Sphir Chitinophagaceae	0	4	0	0	0	6	1	3	1	0	0	4	19	0.06
Cluster22809 Proteobac Gamm Xant Sinobac Steroidobacter	0	0	5	0	0	3	1	0	0	7	3	0	19	0.06
Cluster23477 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	8	2	1	1	2	1	1	1	2	19	0.06
Cluster25863 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	4	1	2	0	1	0	8	3	0	19	0.06
Cluster11;si Acidobact Acidobacteria_Gp3	1	2	0	0	2	4	0	0	4	0	2	3	18	0.05
Cluster198;si Acidobact Acidobacteria_Gp2 Gp2	2	3	1	1	0	2	0	4	0	3	1	1	18	0.05
Cluster323;si Proteobac Alphap Rhizc Rhizobi Bauldia	2	2	0	2	3	0	1	1	2	0	1	4	18	0.05
Cluster643;si Proteobac Alphap Rhod Acetobacteraceae	1	0	1	3	0	0	0	0	0	11	2	0	18	0.05
Cluster759;si Acidobact Acidobacteria_Gp1 Gp1	0	4	0	1	2	0	1	4	2	1	1	2	18	0.05
Cluster916;si Acidobact Acidobacteria_Gp3 Gp3	3	0	2	1	2	3	0	0	4	3	0	0	18	0.05
Cluster1171; Proteobac Alphap Alphaproteok Rhizomicrobiu	1	1	1	1	1	2	1	0	2	4	2	2	18	0.05
Cluster1517; Acidobact Acidobacteria_Gp2 Gp2	5	1	1	1	0	2	0	0	3	2	2	1	18	0.05

Cluster1588; Bacteroid Sphing Sphir Chitinophagaceae	6	0	1	0	2	1	0	4	1	2	0	1	18	0.05
Cluster1920; Proteobac Alphap Rhodospirillales	1	6	0	0	0	1	1	1	3	0	1	4	18	0.05
Cluster2151; Proteobac Betaproteobacteria	0	10	0	0	0	0	1	2	1	0	0	4	18	0.05
Cluster2227; Proteobac Gamm Xantl Xanthomonadaceae	2	2	2	0	1	1	0	0	1	8	1	0	18	0.05
Cluster2344; Acidobact Acidobacteria_Gp3	3	0	1	0	1	2	0	1	1	3	6	0	18	0.05
Cluster2806; Acidobact Acidobacteria_Gp2 Gp2	1	1	2	2	0	1	2	4	0	0	5	0	18	0.05
Cluster3815; Acidobact Acidobacteria_Gp2 Gp2	1	1	0	1	2	2	4	2	0	3	0	2	18	0.05
Cluster4314; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	2	0	0	3	2	0	5	3	0	2	1	18	0.05
Cluster6334; Acidobact Acidobacteria_Gp3 Gp3	1	2	2	0	0	5	4	0	3	0	0	1	18	0.05
Cluster6688; Acidobact Acidobacteria_Gp3	0	2	0	0	1	2	2	1	9	0	0	1	18	0.05
Cluster8202; Proteobac Alphap Rhod Rhodospirillaceae	2	1	5	1	5	1	0	1	2	0	0	0	18	0.05
Cluster8535; Verrucom Spartobacteria Spartobacteria	0	0	1	0	1	1	3	5	1	0	1	5	18	0.05
Cluster9406;size=110	1	3	1	1	0	2	3	1	1	0	3	2	18	0.05
Cluster13214 Acidobact Acidobacteria_Gp1 Gp1	0	1	3	6	0	1	1	2	2	0	1	1	18	0.05
Cluster24641 Actinobac Actinol Actinomycetales	1	1	1	0	2	2	3	1	3	3	1	0	18	0.05
Cluster27132 Bacteroid Sphing Sphir Chitinophagaceae	3	0	2	0	1	3	2	1	0	1	3	2	18	0.05
Cluster393;size=141	0	2	0	0	1	0	2	0	6	0	2	4	17	0.05
Cluster472;size=58	2	0	2	1	2	2	1	2	4	1	0	0	17	0.05
Cluster630;si Proteobac Gammaproteobacteria	5	0	2	2	1	0	1	0	2	1	2	1	17	0.05
Cluster655;si Armatimonadetes Armatimonade	1	6	0	0	0	1	0	4	2	0	1	2	17	0.05
Cluster760;si Acidobact Acidobacteria_Gp3 Bryobacter	0	1	1	0	2	0	0	3	2	0	1	7	17	0.05
Cluster818;si Proteobac Alphap Caulc Cauloba Caulobacter	3	0	1	2	3	1	2	0	3	1	1	0	17	0.05
Cluster1164; Proteobac Alphap Caulc Caulobacteraceae	5	0	1	0	3	0	2	2	1	3	0	0	17	0.05
Cluster1256; Verrucom Opitut; Opitu Opituta Opitutus	3	1	0	0	2	3	0	0	2	5	1	0	17	0.05
Cluster1408; Acidobact Acidobacteria_Gp2 Gp2	2	1	1	1	1	1	4	4	0	0	1	1	17	0.05
Cluster1685; Actinobac Actinol Solirt Conexib Conexibacter	0	1	1	0	1	2	2	5	1	1	2	1	17	0.05
Cluster2144; Acidobact Acidobacteria_Gp1	0	1	6	0	1	1	1	1	1	1	2	2	17	0.05
Cluster2670; Bacteroid Sphing Sphir Chitinophagaceae	0	1	0	0	3	5	2	2	0	2	1	1	17	0.05
Cluster3418; Acidobact Acidobacteria_Gp1 Gp1	0	1	3	3	0	2	1	2	1	3	1	0	17	0.05

Cluster3980;size=120	0	2	1	1	1	3	0	4	2	0	2	1	17	0.05
Cluster5824; Proteobac Gammaproteobacteria	0	0	1	0	2	0	1	0	0	13	0	0	17	0.05
Cluster6628; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	5	3	1	0	2	1	1	4	0	0	17	0.05
Cluster9546; Acidobact Acidobacteria_Gp2 Gp2	2	0	2	2	1	2	0	2	2	0	2	2	17	0.05
Cluster11875 Acidobact Acidobacteria_Gp1 Edaphobacter	5	1	0	3	0	0	0	1	1	0	3	3	17	0.05
Cluster11883 Verrucom Opitut: Opitu Opituta Opitutus	1	0	0	0	3	2	1	1	6	2	0	1	17	0.05
Cluster13889 Acidobact Acidobacteria_Gp1	2	1	2	0	3	0	1	2	3	0	2	1	17	0.05
Cluster15315 Acidobact Acidobacteria_Gp10 Gp10	0	1	0	0	3	1	3	4	2	0	2	1	17	0.05
Cluster16158 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	1	0	4	4	1	2	4	17	0.05
Cluster24539 Bacteroid Sphing Sphir Chitinophagaceae	3	0	1	2	1	4	2	1	0	1	0	2	17	0.05
Cluster26492 Bacteroid Sphing Sphir Chitinophagaceae	2	1	1	2	2	0	1	1	1	6	0	0	17	0.05
Cluster128;si Proteobac Alphap Rhodospirillales	2	2	1	0	3	0	0	1	2	0	2	3	16	0.05
Cluster473;si Proteobac Deltaproteobacteria	1	3	1	3	1	1	0	1	0	1	4	0	16	0.05
Cluster515;si Verrucom Subdivision3 Subdivision3_ξ	0	0	2	2	5	1	0	0	1	2	3	0	16	0.05
Cluster678;si Verrucom Opitut: Opitu Opituta Opitutus	0	3	0	0	0	5	0	0	1	6	0	1	16	0.05
Cluster1010; Acidobact Acidobacteria_Gp1 Gp1	0	1	1	0	2	3	2	1	1	1	2	2	16	0.05
Cluster1553; Proteobac Betapr Burkli Burkholderiaceae	1	0	1	1	0	2	2	3	2	1	1	2	16	0.05
Cluster1876; Acidobact Acidobacteria_Gp2 Gp2	1	0	2	4	0	0	4	0	1	0	1	3	16	0.05
Cluster2064; Proteobac Alphap Caulc Caulobæ Caulobacter	1	1	2	0	0	0	1	1	2	4	2	2	16	0.05
Cluster2293; Verrucom Opitut: Opitu Opituta Opitutus	3	0	2	1	1	1	0	0	3	0	0	5	16	0.05
Cluster2909;size=100	1	2	0	0	0	10	3	0	0	0	0	0	16	0.05
Cluster2928; Proteobac Alphap Alphaproteob Rhizomicrobiu	0	1	0	0	2	2	4	0	5	0	1	1	16	0.05
Cluster3107;size=120	0	0	0	3	0	2	4	0	3	0	0	4	16	0.05
Cluster3250;size=47	1	2	0	2	1	3	0	3	2	1	1	0	16	0.05
Cluster3796; Acidobact Acidobacteria_Gp1	0	0	0	1	3	1	2	4	0	0	2	3	16	0.05
Cluster5984; Verrucom Opitut: Opitu Opituta Opitutus	4	0	1	3	1	5	1	0	0	0	0	1	16	0.05
Cluster6524;size=81	2	1	1	2	0	4	1	1	3	0	0	1	16	0.05
Cluster8219;size=99	1	0	0	1	0	2	2	2	5	0	3	0	16	0.05
Cluster8675; Acidobact Acidobacteria_Gp2 Gp2	2	0	0	0	1	1	0	1	0	2	6	3	16	0.05

Cluster9083; Acidobact Acidobacteria_Gp2 Gp2	2	0	1	1	1	3	1	4	1	2	0	0	16	0.05
Cluster9570; Proteobac Gamm Xantl Sinobacteraceae	1	4	0	1	0	0	1	0	1	0	4	4	16	0.05
Cluster13037 Acidobact Acidobacteria_Gp3 Gp3	0	3	0	1	2	1	0	3	1	2	2	1	16	0.05
Cluster16981 Acidobact Acidobacteria_Gp1 Granulicella	0	0	2	0	0	4	0	0	1	7	2	0	16	0.05
Cluster23514 Proteobac Gammaproteobacteria	0	0	0	0	0	7	1	6	2	0	0	0	16	0.05
Cluster24068 Bacteroid Sphing Sphir Sphingo Mucilaginibact	1	0	1	1	2	2	2	0	1	3	3	0	16	0.05
Cluster2;size: Proteobac Alphap Rhizobiales	3	3	0	0	0	2	0	4	0	0	1	2	15	0.04
Cluster4;size: Acidobact Acidobacteria_Gp3 Gp3	2	2	0	1	0	1	0	3	5	0	1	0	15	0.04
Cluster184;si Acidobact Acidobacteria_Gp3 Gp3	2	5	0	1	1	2	0	0	3	0	1	0	15	0.04
Cluster622;si Acidobact Acidobacteria_Gp1 Edaphobacter	0	1	1	0	0	1	0	0	1	10	1	0	15	0.04
Cluster623;si Acidobact Acidobacteria_Gp1	1	1	1	4	2	0	0	1	1	2	2	0	15	0.04
Cluster1116; Proteobac Alphaproteobacteria	1	2	1	1	0	0	5	0	1	0	1	3	15	0.04
Cluster1247; Acidobact Acidobacteria_Gp5 Gp5	0	3	0	0	0	2	2	3	1	0	2	2	15	0.04
Cluster1446; Acidobact Acidobacteria_Gp2 Gp2	2	0	1	3	1	1	5	1	0	0	0	1	15	0.04
Cluster1639; Bacteroid Sphing Sphir Chitinophagaceae	1	1	1	0	0	0	0	4	2	5	1	0	15	0.04
Cluster2008; Actinobac Actinol Actin Catenul Catenulispora	0	2	0	0	0	2	1	1	1	2	1	5	15	0.04
Cluster2050; Acidobact Acidobacteria_Gp3 Gp3	1	0	1	1	0	3	3	0	5	1	0	0	15	0.04
Cluster2125; TM7 TM7_genera_i	2	0	0	0	1	3	0	6	2	0	1	0	15	0.04
Cluster2129; Verrucom Opitut: Opitu Opituta Opitutus	1	0	0	0	1	12	1	0	0	0	0	0	15	0.04
Cluster2268; Actinobac Actinol Actin Mycobacteriaceae	1	2	0	1	1	2	0	2	1	2	2	1	15	0.04
Cluster3123; Bacteroid Sphing Sphir Sphingo Mucilaginibact	2	1	0	0	0	4	0	2	0	4	1	1	15	0.04
Cluster3256; Proteobac Alphap Rhodospirillales	1	1	1	2	3	2	1	1	0	0	1	2	15	0.04
Cluster3425; Proteobac Alphap Rhod Rhodospirillaceae	0	1	2	3	0	0	0	0	0	6	2	1	15	0.04
Cluster5393;size=67	2	1	0	0	0	0	0	1	7	1	0	3	15	0.04
Cluster6289; Proteobac Alphap Rhod Acetobacteraceae	4	0	2	1	3	0	0	1	2	1	1	0	15	0.04
Cluster7137; Acidobact Acidobacteria_Gp2 Gp2	2	3	0	2	0	2	1	2	0	0	0	3	15	0.04
Cluster7921; Acidobact Acidobacteria_Gp2 Gp2	0	0	2	3	0	0	2	1	1	2	4	0	15	0.04
Cluster9680; Proteobac Alphaproteobacteria	0	1	1	4	0	0	1	3	5	0	0	0	15	0.04
Cluster10937 Acidobact Acidobacteria_Gp3	2	0	0	0	3	4	3	0	1	1	1	0	15	0.04

Cluster12202 Proteobac Betaproteobacteria	1	0	2	4	0	3	2	1	0	0	0	2	15	0.04
Cluster14732 Proteobac Betapr Burk Oxalobacteraceae	0	1	5	2	0	0	0	2	0	1	3	1	15	0.04
Cluster16489;size=72	0	4	1	0	0	1	1	1	1	0	1	5	15	0.04
Cluster24312 Bacteroid Sphing Sphir Chitinophagaceae	1	1	0	1	1	0	1	1	1	4	1	3	15	0.04
Cluster25436 Proteobac Alphap Alphaproteok Rhizomicrobiu	2	0	3	1	0	2	1	0	1	4	0	1	15	0.04
Cluster25477 Proteobac Alphap Alphaproteok Rhizomicrobiu	3	2	1	0	0	3	0	1	2	1	2	0	15	0.04
Cluster42;size Proteobac Deltap Myxococcales	1	2	1	0	0	2	7	1	0	0	0	0	14	0.04
Cluster60;size Acidobact Acidobacteria_Gp2 Gp2	1	3	1	3	1	2	0	1	0	0	1	1	14	0.04
Cluster129;size Acidobact Acidobacteria_Gp3 Gp3	0	2	2	1	0	1	2	1	2	0	2	1	14	0.04
Cluster615;size Acidobact Acidobacteria_Gp2 Gp2	0	0	0	2	0	3	2	0	1	1	5	0	14	0.04
Cluster662;size Proteobac Alphap Alphaproteok Rhizomicrobiu	7	2	1	0	1	0	2	0	1	0	0	0	14	0.04
Cluster729;size Acidobact Acidobacteria_Gp1	3	0	1	2	0	0	1	3	1	0	3	0	14	0.04
Cluster771;size Proteobac Alphap Caulc Caulobacteraceae	2	0	2	1	2	0	0	0	1	5	0	1	14	0.04
Cluster872;size Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	3	2	0	0	0	3	4	2	14	0.04
Cluster1050; Proteobac Gamm Xantl Xanthomonadaceae	2	0	0	0	1	3	0	5	2	0	0	1	14	0.04
Cluster1264;size=72	0	3	0	0	1	1	0	1	2	0	2	4	14	0.04
Cluster1290; Actinobac Actinol Actinomycetales	1	0	1	0	3	0	2	3	2	1	1	0	14	0.04
Cluster1394;size Acidobact Acidobacteria_Gp1	0	0	5	0	2	1	1	0	2	1	1	1	14	0.04
Cluster1395; Proteobac Alphap Rhizobiales	0	1	0	1	3	2	4	1	1	1	0	0	14	0.04
Cluster1690; Verrucom Opitut; Opitu Opituta Opitutus	3	5	0	1	0	1	0	0	0	0	1	3	14	0.04
Cluster2014; Proteobac Deltap Myxc Polyangiaceae	0	0	1	2	0	1	0	1	2	2	3	2	14	0.04
Cluster2285; Proteobac Alphap Rhod Rhodospirillaceae	1	0	1	0	0	0	0	8	1	3	0	0	14	0.04
Cluster2332; Actinobac Actinol Solirl Conexib Conexibacter	1	0	2	1	2	2	1	0	0	2	2	1	14	0.04
Cluster2630; Actinobac Actinol Actinomycetales	0	0	4	0	2	0	0	0	0	5	3	0	14	0.04
Cluster3093; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	2	1	1	1	1	2	2	0	1	1	0	2	14	0.04
Cluster3432; Proteobac Alphap Caulc Caulob; Phenylobacter	1	0	1	0	6	1	1	1	1	1	0	1	14	0.04
Cluster4367; Verrucom Opitut; Opitu Opituta Opitutus	7	0	0	0	2	4	1	0	0	0	0	0	14	0.04
Cluster4439; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	1	9	4	0	0	0	14	0.04
Cluster4447; Proteobac Alphap Rhizobiales	2	5	0	2	0	2	0	0	0	0	0	3	14	0.04

Cluster6273; Acidobact Acidobacteria_Gp1 Gp1	0	0	3	0	1	0	0	2	4	0	2	2	14	0.04
Cluster8016; Acidobact Acidobacteria_Gp3	1	0	0	0	0	1	1	1	5	2	3	0	14	0.04
Cluster8902; Proteobac Alphap Rhod Rhodospirillaceae	1	0	0	0	0	6	4	1	1	0	0	1	14	0.04
Cluster8939; Acidobact Acidobacteria_Gp1 Gp1	1	3	3	0	1	0	2	0	0	1	1	2	14	0.04
Cluster9893; Acidobact Acidobacteria_Gp1 Gp1	1	0	1	1	0	4	3	3	1	0	0	0	14	0.04
Cluster10530 Acidobact Acidobacteria_Gp2 Gp2	0	0	2	1	1	3	2	1	1	0	3	0	14	0.04
Cluster11528 Proteobac Alphap Rhizobiales	1	6	1	1	0	1	0	0	2	1	0	1	14	0.04
Cluster11911 Acidobact Acidobacteria_Gp1	1	1	1	0	1	0	1	2	2	0	0	5	14	0.04
Cluster14863 Gemmatir Gemm Geml Gemma Gemmatimonas	3	0	0	2	5	0	2	0	0	1	1	0	14	0.04
Cluster15746 Verrucom Opitut: Opitu Opituta Opitutus	0	3	1	1	1	1	0	0	1	2	0	4	14	0.04
Cluster17189 Acidobact Acidobacteria_Gp10 Gp10	0	2	2	2	0	3	0	1	3	0	1	0	14	0.04
Cluster18237 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	4	1	0	1	4	3	0	1	0	14	0.04
Cluster22477 Acidobact Acidobacteria_Gp6 Gp6	1	3	0	1	1	2	1	0	1	1	1	2	14	0.04
Cluster23323 Proteobac Gammaproteobacteria	0	0	0	0	2	3	3	5	1	0	0	0	14	0.04
Cluster26908 Bacteroid Sphing Sphir Chitinophagaceae	3	0	1	0	0	1	0	7	1	0	1	0	14	0.04
Cluster29065 Bacteroidetes	4	0	1	0	1	3	0	1	0	2	2	0	14	0.04
Cluster24;size= Acidobact Acidobacteria_Gp2 Gp2	3	4	1	0	1	0	2	1	0	0	1	0	13	0.04
Cluster108;size= Acidobact Acidobacteria_Gp1	4	1	1	0	0	1	0	0	0	6	0	0	13	0.04
Cluster109;size= Proteobac Alphap Rhod Rhodospirillaceae	0	4	0	0	0	0	2	2	3	0	1	1	13	0.04
Cluster132;size= Acidobact Acidobacteria_Gp3	2	0	0	0	1	2	2	1	1	2	0	2	13	0.04
Cluster310;size=68	3	2	1	1	0	1	0	1	1	2	1	0	13	0.04
Cluster332;size= Proteobac Deltap Myxc Polyangiaceae	0	1	1	1	3	0	1	1	0	2	2	1	13	0.04
Cluster334;size= Actinobac Actinol Actinomycetales	1	2	2	0	1	0	0	0	2	2	2	1	13	0.04
Cluster430;size= Acidobact Acidobacteria_Gp2 Gp2	2	3	0	0	1	3	1	0	1	0	1	1	13	0.04
Cluster474;size=39	0	2	2	1	0	1	0	1	1	2	2	1	13	0.04
Cluster647;size= Verrucom Opitut: Opitu Opituta Opitutus	3	1	0	0	0	0	1	0	0	7	0	1	13	0.04
Cluster743;size= Acidobact Acidobacteria_Gp1 Acidobacteriur	3	0	2	0	1	1	2	1	0	2	1	0	13	0.04
Cluster926;size= Proteobac Alphap Rhodospirillales	2	0	0	0	0	0	2	0	0	5	4	0	13	0.04
Cluster1015;size= Acidobact Acidobacteria_Gp3 Gp3	2	1	0	2	1	2	1	0	0	2	2	0	13	0.04

Cluster1117; Proteobac Gamm Xantl Sinobac Steroidobacter	1	2	0	0	2	1	0	1	0	6	0	0	13	0.04
Cluster1966; Bacteroid Sphing Sphir Sphingo Mucilaginibact	2	2	2	1	1	0	1	2	0	0	2	0	13	0.04
Cluster2106; Actinobac Actinobacteria	1	4	0	0	3	0	0	1	1	1	0	2	13	0.04
Cluster2485; Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	7	0	0	0	0	4	0	1	13	0.04
Cluster3209; Actinobac Actinol Solirubrobacterales	1	2	1	0	0	1	1	0	0	1	5	1	13	0.04
Cluster4605; Proteobac Alphap Rhod Acetobacteraceae	0	2	1	0	0	1	0	0	0	4	4	1	13	0.04
Cluster4671; Proteobac Alphaproteobacteria	1	0	0	0	1	2	4	2	2	0	1	0	13	0.04
Cluster5013; Acidobact Acidobacteria_Gp3 Gp3	0	3	0	0	0	3	1	1	1	0	2	2	13	0.04
Cluster7181; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	7	6	0	0	0	13	0.04
Cluster8481; Verrucom Opitut; Opitu Opituta Opitutus	4	0	1	0	0	1	0	0	0	5	2	0	13	0.04
Cluster8883; Proteobac Alphap Rhodospirillales	1	4	0	0	0	0	2	3	0	0	0	3	13	0.04
Cluster11417 Acidobact Acidobacteria_Gp1 Edaphobacter	1	0	1	2	2	2	1	1	0	2	1	0	13	0.04
Cluster11840;size=57	2	1	1	3	0	2	1	1	0	0	1	1	13	0.04
Cluster14832 Acidobact Acidobacteria_Gp1 Gp1	0	2	0	4	0	0	1	2	0	0	1	3	13	0.04
Cluster17238 Proteobac Deltaproteobacteria	0	0	2	3	2	2	0	1	0	1	1	1	13	0.04
Cluster18753 Acidobact Acidobacteria_Gp2 Gp2	0	2	1	0	1	1	1	0	3	0	1	3	13	0.04
Cluster19216 Acidobact Acidobacteria_Gp2 Gp2	0	8	0	0	3	0	0	1	0	0	0	1	13	0.04
Cluster20393 Proteobac Gamm Xantl Xanthor Rhodanobacte	6	1	0	0	1	1	4	0	0	0	0	0	13	0.04
Cluster24902 Proteobac Alphap Caulc Caulobacteraceae	3	0	1	0	2	1	1	1	0	2	2	0	13	0.04
Cluster24940 Actinobac Actinol Acidi Acidimii Aciditerrimona	0	2	1	0	0	3	1	0	4	1	0	1	13	0.04
Cluster191;si Proteobac Gamm Xantl Sinobac Steroidobacter	2	0	1	0	0	1	0	1	2	4	1	0	12	0.03
Cluster494;si Acidobact Acidobacteria_Gp1 Gp1	2	4	0	0	1	0	0	1	4	0	0	0	12	0.03
Cluster669;si Proteobac Alphap Rhod Acetobac Acidisphaera	1	0	1	0	2	0	0	0	1	4	3	0	12	0.03
Cluster690;si Proteobac Gammaproteobacteria	3	2	0	0	3	0	0	0	2	1	1	0	12	0.03
Cluster817;si Acidobact Acidobacteria_Gp2 Gp2	1	2	0	2	1	0	0	1	1	2	1	1	12	0.03
Cluster938;si Proteobacteria	6	0	0	0	5	0	0	0	1	0	0	0	12	0.03
Cluster998;si Acidobact Acidobacteria_Gp2 Gp2	2	3	1	3	1	0	0	2	0	0	0	0	12	0.03
Cluster1129;size=60	1	0	4	2	0	2	1	1	0	0	0	1	12	0.03
Cluster1217; Proteobac Alphaproteobacteria	0	1	0	1	3	1	1	1	2	2	0	0	12	0.03

Cluster18758; Acidobact Acidobacteria_Gp2 Gp2	1	1	1	3	2	2	0	1	0	0	1	0	12
Cluster22039; Proteobac Alphap Rhod Acetobac Acidisphaera	1	0	3	0	0	2	2	0	0	2	2	0	12
Cluster23040; Proteobac Gammaproteobacteria	0	0	2	0	0	0	1	1	2	0	0	6	12
Cluster27818; Bacteroid Sphing Sphir Chitinophagaceae	0	5	1	0	0	4	0	0	1	0	0	1	12
Cluster28173; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	1	2	4	4	0	0	0	12
Cluster31;size= Chlamydi: Chlamy Chlar Parachlamydiaceae	0	0	0	0	0	0	0	6	4	0	1	0	11
Cluster127;size= Acidobact Acidobacteria_Gp3 Gp3	0	0	1	2	1	0	0	0	0	6	1	0	11
Cluster137;size= Acidobact Acidobacteria_Gp2 Gp2	1	0	1	0	0	0	2	1	1	3	1	1	11
Cluster166;size= Acidobact Acidobacteria_Gp1	0	2	0	0	0	0	3	2	2	0	1	1	11
Cluster223;size=117	2	0	1	1	0	1	2	1	1	0	1	1	11
Cluster284;size=30	2	0	2	2	1	0	0	2	1	1	0	0	11
Cluster373;size= Firmicutes	0	4	0	0	0	0	1	0	2	0	2	2	11
Cluster601;size= Proteobac Gammaproteobacteria	1	0	0	0	1	3	2	1	0	0	0	3	11
Cluster659;size= Proteobac Deltap Myxococcales	2	0	0	0	5	1	2	0	0	1	0	0	11
Cluster786;size=52	2	2	1	2	1	1	0	0	0	0	0	2	11
Cluster846;size=77	0	0	2	4	0	0	0	0	0	4	1	0	11
Cluster877;size= Proteobac Deltap Myxococcales	1	1	3	1	0	0	0	1	2	0	0	2	11
Cluster923;size= Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	0	0	2	1	2	0	1	1	1	2	1	11
Cluster967;size= Proteobac Alphap Rhizobiales	0	1	1	0	1	0	2	2	2	0	0	2	11
Cluster994;size= Acidobact Acidobacteria_Gp1 Edaphobacter	5	0	0	0	1	1	1	0	0	3	0	0	11
Cluster1069;size= Proteobac Alphap Rhod Rhodospirillaceae	0	0	4	0	2	1	0	1	2	0	1	0	11
Cluster1487;size= Acidobact Acidobacteria_Gp2 Gp2	2	1	0	1	1	1	1	1	0	0	2	1	11
Cluster1550;size= Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	3	5	0	0	3	11
Cluster1902;size= Proteobac Gamm Xantl Xanthomonadaceae	1	0	0	0	1	4	2	2	1	0	0	0	11
Cluster1910;size= Proteobac Alphap Rhizc Xanthol Labrys	0	3	0	1	1	0	1	1	0	3	1	0	11
Cluster1954;size= Acidobact Acidobacteria_Gp2 Gp2	0	2	0	1	3	0	1	2	0	0	0	2	11
Cluster1987;size= Proteobac Alphap Rhod Acetobacteraceae	1	0	3	0	2	0	0	0	0	3	2	0	11
Cluster2001;size= Actinobac Actinol Actinomycetales	0	0	0	2	1	0	0	1	2	2	3	0	11
Cluster2080;size= Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	7	3	0	11

Cluster2188; Acidobact Acidobacteria_Gp2 Gp2	4	0	1	0	0	1	0	0	3	2	0	0	11
Cluster2225; Acidobact Acidobacteria_Gp3	0	3	0	1	0	3	1	0	1	0	0	2	11
Cluster2258; Acidobact Acidobacteria_Gp3 Gp3	1	2	0	0	0	1	3	0	2	0	2	0	11
Cluster2484; Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	1	1	0	0	0	0	6	2	0	11
Cluster2655; Acidobact Acidobacteria_Gp6 Gp6	1	1	0	1	1	1	1	1	0	0	1	3	11
Cluster2715; Proteobac Alphap Rhizobiales	1	5	0	0	0	3	0	0	2	0	0	0	11
Cluster2791; Acidobact Acidobacteria_Gp1	2	2	1	0	2	0	2	0	0	1	1	0	11
Cluster2889; Planctom Planct Planct Planctomycetaceae	0	0	1	2	0	0	4	1	0	0	2	1	11
Cluster2903; Actinobac Actinol Acidimicrobiales	0	4	0	1	0	1	0	0	2	0	1	2	11
Cluster3021;size=54	1	2	1	0	0	0	1	0	2	1	2	1	11
Cluster3129; Acidobact Acidobacteria_Gp2 Gp2	0	3	0	1	0	0	2	1	1	0	1	2	11
Cluster3403; Bacteroid Sphing Sphir Chitinophagaceae	0	0	2	1	0	2	2	1	1	2	0	0	11
Cluster4065;size=40	0	1	0	0	2	1	0	0	3	2	0	2	11
Cluster4224; Proteobac Alphap Rhodospirillales	4	2	1	1	0	0	0	1	0	0	1	1	11
Cluster7614; Acidobact Acidobacteria_Gp1 Edaphobacter	0	1	0	2	0	0	0	1	3	0	4	0	11
Cluster10025 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	2	0	0	0	3	4	0	0	1	11
Cluster10245 Actinobac Actinol Solirubrobacterales	2	1	3	0	0	1	1	0	0	1	2	0	11
Cluster13415 Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	2	3	0	0	1	0	1	2	0	0	0	2	11
Cluster13572 Proteobac Betapr Burkholderia	1	0	1	0	0	2	1	1	1	1	1	2	11
Cluster14058 Acidobact Acidobacteria_Gp1 Gp1	0	2	1	0	0	1	1	2	3	0	1	0	11
Cluster15595 Proteobac Betapr Burkholderiales	0	1	0	0	0	2	1	4	0	2	1	0	11
Cluster16065 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	1	1	1	0	1	2	2	1	1	11
Cluster16433 Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	4	0	2	0	1	0	0	3	1	0	11
Cluster17536;size=74	0	0	2	2	0	3	0	0	0	0	1	3	11
Cluster18132 Acidobact Acidobacteria_Gp2 Gp2	2	0	0	0	0	0	0	0	1	4	4	0	11
Cluster20335;size=63	2	1	0	1	0	1	3	0	0	0	1	2	11
Cluster22522 Proteobac Alphap Rhod Acetobz Acidisphaera	1	0	2	0	0	3	0	0	0	3	2	0	11
Cluster25468 Proteobac Alphap Caulc Caulobz Caulobacter	4	0	1	1	0	1	1	0	0	0	3	0	11
Cluster46;size Gemmatir Gemm Gemm Gemma Gemmatimonz	0	2	2	1	0	1	0	0	0	1	3	0	10

Cluster62;size=47	Proteobac	Betapr	Burkl	Burkhol	Burkholderia	4	1	0	0	1	1	0	2	0	1	0	0	10
Cluster141;size=47	Proteobac	Deltap	Myxc	Cystobacteraceae		1	0	2	2	0	1	1	1	1	0	0	1	10
Cluster316;size=47	Proteobac	Alphaproteobacteria				0	0	0	0	2	1	0	2	3	2	0	0	10
Cluster327;size=47	Acidobact	Acidobacteria_Gp3				1	1	1	0	1	1	0	0	0	4	1	0	10
Cluster514;size=47	Acidobact	Acidobacteria_Gp3	Gp3			1	0	1	3	0	0	0	1	4	0	0	0	10
Cluster552;size=47						0	1	0	0	0	1	1	1	2	0	0	4	10
Cluster633;size=47	Armatimonadetes		Armatimonade			0	1	2	0	0	1	2	1	1	0	1	1	10
Cluster641;size=47	Proteobac	Deltap	Myxc	Cystobacteraceae		2	1	1	0	1	1	1	0	2	0	0	1	10
Cluster670;size=47	Proteobac	Gammaproteobacteria				3	0	2	0	1	1	0	1	0	0	1	1	10
Cluster705;size=47	Acidobact	Acidobacteria_Gp1				3	0	1	0	1	0	0	0	1	4	0	0	10
Cluster918;size=47	Armatimonadetes	Chthor	Chtho	Chthono	Chthonomonadales	0	1	1	1	1	0	1	0	0	3	1	1	10
Cluster1007;size=47	Acidobact	Acidobacteria_Gp5	Gp5			1	2	2	1	0	0	0	1	0	3	0	0	10
Cluster1208;size=47	Acidobact	Acidobacteria_Gp1	Gp1			0	1	0	0	3	0	1	0	1	3	1	0	10
Cluster1218;size=47	Proteobac	Alphap	Rhodospirillales			1	3	0	1	1	1	0	0	0	0	1	2	10
Cluster1466;size=47	Acidobact	Acidobacteria_Gp1	Gp1			2	0	0	0	2	3	0	1	1	0	0	1	10
Cluster1477;size=47	Actinobac	Actinol	Solirubrobacterales	Conexib	Conexibacter	0	0	2	1	0	0	1	0	1	4	1	0	10
Cluster1547;size=47	Acidobact	Acidobacteria_Gp2	Gp2			1	1	2	0	0	3	1	0	0	0	0	2	10
Cluster1716;size=47	Bacteroid	Sphing	Sphir	Chitinophagaceae		1	1	1	0	1	2	0	0	1	1	1	1	10
Cluster1791;size=47	Actinobac	Actinol	Solirubrobacterales			0	1	1	0	1	0	1	1	1	1	1	2	10
Cluster1813;size=47	Bacteroid	Sphing	Sphir	Chitinophagaceae		0	1	0	0	1	1	1	1	0	2	3	0	10
Cluster1879;size=37						1	0	1	0	2	0	2	1	0	0	2	1	10
Cluster1896;size=37	Acidobact	Acidobacteria_Gp2	Gp2			0	1	1	3	1	0	1	2	1	0	0	0	10
Cluster2005;size=37	Acidobact	Acidobacteria_Gp3	Gp3			0	0	1	1	0	1	1	4	0	0	1	1	10
Cluster2062;size=37	Acidobact	Acidobacteria_Gp1				0	0	0	0	1	0	0	0	0	0	0	9	10
Cluster2090;size=37	Proteobac	Alphap	Rhizc	Methylocystaceae		0	0	1	2	1	0	1	1	0	3	1	0	10
Cluster2116;size=37	Acidobact	Acidobacteria_Gp2	Gp2			1	2	1	0	1	0	0	1	4	0	0	0	10
Cluster2172;size=37	Bacteroid	Sphing	Sphingobacteriales			2	0	0	0	3	1	0	0	0	2	0	2	10
Cluster2239;size=51						5	1	0	0	0	0	0	0	2	1	1	0	10
Cluster2249;size=51	TM7			TM7_genera_i		0	2	0	0	0	0	1	0	2	0	5	0	10

Cluster2615; Proteobac Alphap Rhodospirillales	0	1	1	2	3	0	1	0	1	0	0	1	10
Cluster2689; Acidobact Acidobacteria_Gp1	2	0	3	0	0	1	1	0	1	1	0	1	10
Cluster2912; Bacteroid Sphing Sphir Chitinophagaceae	1	0	3	1	3	0	0	0	0	2	0	0	10
Cluster2972; Verrucom Opitut; Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	1	9	0	0	10
Cluster3008; Proteobac Gamm Legio Coxiella Aquicella	1	2	1	0	2	0	3	1	0	0	0	0	10
Cluster3282;size=61	0	2	1	0	0	2	1	3	1	0	0	0	10
Cluster3388; Proteobac Alphap Rhizobiales	0	1	2	0	0	1	1	1	0	0	3	1	10
Cluster3837; Acidobact Acidobacteria_Gp3 Bryobacter	1	1	0	0	2	1	1	0	1	1	1	1	10
Cluster4569;size=35	3	3	0	0	1	2	0	0	0	0	1	0	10
Cluster4598; Acidobact Acidobacteria_Gp3 Gp3	4	0	0	0	5	1	0	0	0	0	0	0	10
Cluster4884; Proteobac Alphap Rhizc Methylocystaceae	1	1	1	0	1	1	2	1	1	1	0	0	10
Cluster5036; Proteobac Deltap Myxococcales	2	1	1	0	0	1	1	0	1	1	1	1	10
Cluster5159; Acidobact Acidobacteria_Gp1	0	1	2	1	3	0	1	0	0	2	0	0	10
Cluster6615; Acidobact Acidobacteria_Gp3 Gp3	1	0	0	1	3	0	0	0	1	1	3	0	10
Cluster7107; Acidobact Acidobacteria_Gp1	3	0	2	0	0	1	0	1	2	1	0	0	10
Cluster7304; Proteobac Alphap Rhodospirillales	0	3	0	0	0	0	1	0	3	0	2	1	10
Cluster7774; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	1	1	0	1	0	0	2	1	2	0	2	0	10
Cluster10675 Proteobac Alphap Caulc Caulobacteraceae	1	0	4	1	0	2	1	0	0	1	0	0	10
Cluster11632 Acidobact Acidobacteria_Gp3 Gp3	1	2	1	0	2	0	0	1	1	0	0	2	10
Cluster15735 Actinobac Actinol Acidimicrobiales	0	0	1	1	3	0	0	1	2	0	1	1	10
Cluster15789 Acidobact Acidobacteria_Gp2 Gp2	0	3	0	1	1	0	1	0	0	0	2	2	10
Cluster15991 Acidobact Acidobacteria_Gp1 Gp1	1	0	1	0	2	4	0	0	0	1	1	0	10
Cluster17034 Actinobac Actinol Acidi Acidimi Aciditerrimona	0	0	3	1	2	3	0	0	0	0	0	1	10
Cluster18192 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	1	0	0	0	0	6	3	0	10
Cluster19409 Acidobact Acidobacteria_Gp2 Gp2	0	3	1	1	0	1	2	2	0	0	0	0	10
Cluster22029 Proteobac Gammaproteobacteria	2	0	1	0	0	0	0	0	0	6	1	0	10
Cluster22327 Proteobac Gamm Xantf Sinobac Nevskia	2	0	0	0	1	3	0	1	0	0	0	3	10
Cluster22388 Proteobac Gamm Xantf Sinobacteraceae	0	1	0	0	1	0	3	0	1	0	1	3	10
Cluster22691 Actinobac Actinol Acidi Acidimi Aciditerrimona	1	0	0	1	1	2	0	0	0	0	2	3	10

Cluster22996; Actinobac Actinol Actinomycetales	2	0	1	0	1	0	2	0	2	0	1	1	10
Cluster23244; Actinobac Actinol Actin Mycoba Mycobacteriur	0	0	0	0	1	0	2	3	1	3	0	0	10
Cluster26135; Proteobac Alphap Caulc Cauloba Phenylbacter	2	0	0	0	3	1	2	0	1	0	1	0	10
Cluster28;size= Proteobac Betapr Burkl Oxalobacteraceae	1	0	0	0	0	0	2	2	0	3	1	0	9
Cluster40;size= Proteobac Gamm Xantl Xanthomonadaceae	1	0	0	0	1	3	0	0	2	2	0	0	9
Cluster221;size= Acidobact Acidobacteria_Gp2 Gp2	4	0	1	0	1	0	0	0	0	1	2	0	9
Cluster272;size=31	0	2	0	0	0	0	1	1	0	3	0	2	9
Cluster312;size= Proteobac Alphaproteobacteria	2	2	0	0	1	0	1	1	0	1	0	1	9
Cluster589;size= Proteobac Alphap Rhodospirillales	4	0	0	0	0	1	2	0	1	0	1	0	9
Cluster649;size= Proteobac Alphap Rhod Acetoba Acidocella	1	0	1	1	0	0	0	0	0	4	2	0	9
Cluster714;size= Acidobact Acidobacteria_Gp3 Gp3	0	1	0	1	0	0	0	2	0	1	1	3	9
Cluster875;size= Acidobact Acidobacteria_Gp1	2	0	1	0	1	0	0	1	2	0	1	1	9
Cluster934;size= Acidobact Acidobacteria_Gp5 Gp5	0	2	1	0	1	0	2	0	2	0	0	1	9
Cluster1021;size= Proteobac Alphap Rhodospirillales	0	2	0	0	0	1	1	3	0	0	0	2	9
Cluster1119;size= Proteobac Gamm Pseu Pseudo Pseudomonas	0	1	1	1	0	2	1	0	0	0	3	0	9
Cluster1191;size= Actinobac Actinobacteria	1	0	1	0	2	1	2	1	0	0	1	0	9
Cluster1266;size= Proteobac Alphap Rhizobiales	0	1	0	2	1	0	1	0	1	1	1	1	9
Cluster1631;size= Proteobac Alphap Caulc Cauloba Phenylbacter	3	0	0	0	1	2	0	0	0	1	2	0	9
Cluster1663;size= Acidobact Acidobacteria_Gp2 Gp2	0	0	2	3	1	0	0	2	0	0	1	0	9
Cluster1715;size= Bacteroid Sphing Sphir Chitinophagaceae	1	0	1	1	0	1	1	1	1	1	1	0	9
Cluster2281;size= Chloroflex Ktedor Ktedo Ktedon Ktedonobacter	0	0	0	0	6	0	0	0	1	1	1	0	9
Cluster2443;size= Acidobact Acidobacteria_Gp2 Gp2	3	0	0	2	2	0	0	1	0	0	1	0	9
Cluster2777;size= Acidobact Acidobacteria_Gp13 Gp13	1	1	0	0	1	1	1	1	1	2	0	0	9
Cluster2865;size= Bacteroidetes	0	1	0	0	1	0	2	0	1	4	0	0	9
Cluster2876;size= Proteobac Betapr Burkl Comamonadaceae	1	0	0	0	0	3	0	3	0	0	2	0	9
Cluster2935;size= Proteobac Alphap Rhizc Bradyrh Agromonas	1	0	2	0	0	0	0	1	1	2	2	0	9
Cluster3091;size= Bacteroid Sphing Sphir Chitinophagaceae	1	0	0	2	0	3	0	0	0	0	0	3	9
Cluster3136;size= Actinobac Actinol Acidi Acidimii Aciditerrimona	1	1	1	1	2	1	0	0	1	1	0	0	9
Cluster3350;size= Acidobact Acidobacteria_Gp13 Gp13	0	2	0	1	1	1	1	1	0	0	2	0	9

Cluster3501; Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	0	1	1	3	1	0	1	1	9
Cluster3726; Planctom Planct Planct Plancto Singulisphaera	0	1	2	0	3	0	0	2	0	0	1	0	9
Cluster3935; Proteobac Alphap Rhizc Beijerinckiaaceae	0	3	0	1	0	0	1	1	1	0	0	2	9
Cluster4383;size=40	1	1	0	1	1	0	1	2	1	0	1	0	9
Cluster4483; Acidobact Acidobacteria_Gp1	2	0	1	0	0	0	0	1	2	0	2	1	9
Cluster4917; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	1	4	3	0	0	9
Cluster5404; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	2	0	0	2	0	1	0	1	2	9
Cluster8344; Bacteroid Sphing Sphir Chitinophagaceae	1	0	0	0	0	0	1	1	0	4	2	0	9
Cluster8845; Acidobact Acidobacteria_Gp2 Gp2	0	1	0	3	0	1	0	3	0	0	1	0	9
Cluster10345 Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	0	1	1	0	0	1	2	0	2	2	9
Cluster11684 Acidobact Acidobacteria_Gp3 Gp3	0	0	1	0	0	0	0	2	1	1	3	1	9
Cluster12253 Proteobac Gamm Xantl Xanthor Frateuria	0	0	2	0	3	2	0	0	0	1	1	0	9
Cluster12976 Proteobac Gammaproteobacteria	0	2	4	0	0	1	1	0	0	0	0	1	9
Cluster14773 Proteobac Betapr Burkl Oxalobacteraceae	2	0	1	0	1	0	1	1	3	0	0	0	9
Cluster14809 Acidobact Acidobacteria_Gp2 Gp2	1	1	3	0	0	0	0	0	0	2	2	0	9
Cluster15171 Acidobact Acidobacteria_Gp3 Gp3	1	2	0	0	0	1	0	1	4	0	0	0	9
Cluster16108 Acidobact Acidobacteria_Gp1 Granulicella	0	0	1	0	2	1	0	0	1	4	0	0	9
Cluster16160 Acidobact Acidobacteria_Gp1	0	0	0	2	2	0	0	0	2	1	2	0	9
Cluster16270 Acidobact Acidobacteria_Gp2 Gp2	0	0	3	5	0	0	0	0	0	0	1	0	9
Cluster16282 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	3	0	3	2	9
Cluster17089 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	2	6	0	0	9
Cluster17249 Proteobac Alphap Caulc Caulob Phenyllobacter	0	2	2	0	0	0	0	1	2	1	1	0	9
Cluster18922 Acidobact Acidobacteria_Gp3 Gp3	0	1	0	1	1	0	0	1	1	2	1	1	9
Cluster22098 Proteobac Gammaproteobacteria	0	0	1	0	0	1	0	4	0	1	0	2	9
Cluster22141 Proteobac Alphap Rhod Acetob Acidisphaera	4	0	3	1	0	0	0	0	0	1	0	0	9
Cluster23397 Proteobac Gamm Xantl Sinobac Steroidobacter	1	2	1	0	0	3	0	0	1	1	0	0	9
Cluster25738 Bacteroid Sphing Sphir Chitino Flavitalea	1	1	0	0	0	4	2	0	1	0	0	0	9
Cluster29218 Bacteroid Sphing Sphir Sphingobacteriaceae	2	1	0	0	0	1	0	0	3	0	0	2	9
Cluster30;size=69	2	0	0	0	2	1	1	0	2	0	0	0	8

Cluster54;size=55; Proteobac Alphap Rhodospirillales	0	2	0	0	2	0	0	1	3	0	0	0	8
Cluster58;size=55; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	1	2	0	0	1	1	1	1	0	8
Cluster81;size=55; Proteobac Betapr Burkholderia	0	0	0	1	1	3	0	0	2	1	0	0	8
Cluster112;size=55	0	0	1	2	0	1	2	0	0	1	1	0	8
Cluster178;size=55; Proteobac Deltap Myxyc Polyangiaceae	1	0	1	1	0	1	1	1	0	1	1	0	8
Cluster302;size=62	3	1	1	0	1	1	0	0	0	1	0	0	8
Cluster387;size=62; Proteobac Alphap Rhodospirillales	2	0	1	0	0	1	0	0	1	2	1	0	8
Cluster507;size=51	0	0	0	0	0	1	0	1	5	0	0	1	8
Cluster631;size=51; Acidobact Acidobacteria_Gp1	0	0	2	1	1	1	0	2	1	0	0	0	8
Cluster710;size=51; Acidobact Acidobacteria_Gp2 Gp2	0	3	0	0	0	0	0	0	2	0	1	2	8
Cluster752;size=51; Acidobact Acidobacteria_Gp1 Gp1	0	3	0	0	0	0	2	2	0	0	0	1	8
Cluster777;size=51; Proteobac Alphap Rhod Acetobac Acidisphaera	0	0	0	1	2	2	1	0	0	2	0	0	8
Cluster1161;size=35	1	0	0	0	0	4	1	0	0	1	0	1	8
Cluster1263;size=35; Acidobacteria	2	0	0	0	1	0	0	1	1	1	2	0	8
Cluster1288;size=35; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	1	1	2	1	2	0	8
Cluster1300;size=35; Proteobac Alphap Rhodospirillales	0	0	0	1	1	4	0	0	1	0	0	1	8
Cluster1374;size=35; Acidobact Acidobacteria_Gp6 Gp6	0	2	0	0	2	0	1	1	0	1	0	1	8
Cluster1445;size=35; Acidobact Acidobacteria_Gp2 Gp2	1	2	0	0	1	0	1	0	0	0	1	2	8
Cluster1585;size=35; Acidobact Acidobacteria_Gp1 Granulicella	2	0	0	3	0	1	0	0	0	1	1	0	8
Cluster1610;size=35; Acidobact Acidobacteria_Gp2 Gp2	1	1	2	0	0	1	1	0	1	1	0	0	8
Cluster1687;size=35; Acidobact Acidobacteria_Gp3 Bryobacter	1	0	0	0	2	0	0	0	1	1	0	3	8
Cluster1698;size=35; Bacteroid Sphing Sphir Chitinophagaceae	1	2	1	0	0	1	1	0	0	0	1	1	8
Cluster1705;size=35; Bacteroid Sphing Sphir Chitinophagaceae	0	1	0	1	2	2	0	1	0	0	1	0	8
Cluster1846;size=35; Acidobact Acidobacteria_Gp3 Gp3	2	0	1	0	0	0	0	0	0	3	2	0	8
Cluster2108;size=35; Acidobact Acidobacteria_Gp2 Gp2	0	1	1	0	2	0	2	0	0	1	1	0	8
Cluster2149;size=35; Actinobac Actinol Acidimii Aciditerrimonas	1	1	2	1	1	1	0	0	0	0	1	0	8
Cluster2199;size=35; Proteobac Gamm Xant Sinobac Steroidobacter	0	2	2	1	0	0	0	0	0	3	0	0	8
Cluster2323;size=29	2	0	0	0	1	1	0	2	0	0	1	1	8
Cluster2346;size=29; Acidobact Acidobacteria_Gp1	0	1	0	1	0	0	1	1	2	1	1	0	8

Cluster2487; Acidobact Acidobacteria_Gp10 Gp10	1	2	1	2	1	0	0	0	1	0	0	0	8
Cluster2497; Bacteroid Sphing Sphir Chitinophagaceae	2	1	0	0	1	0	3	0	1	0	0	0	8
Cluster2668; Proteobac Alphap Rhizc Methylocystaceae	1	0	2	2	0	0	0	0	1	1	1	0	8
Cluster2775; Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	1	0	1	0	1	0	1	3	1	0	8
Cluster3053; Proteobac Betapr Burkl Oxalobacteraceae	1	0	0	0	1	2	0	1	2	0	1	0	8
Cluster3126; Proteobac Betapr Burkl Burkhol Burkholderia	3	0	0	1	1	1	0	0	0	2	0	0	8
Cluster3163; Bacteroidetes	1	1	1	0	0	0	0	1	0	0	4	0	8
Cluster3166; Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	0	1	0	0	0	4	1	1	8
Cluster3367; Acidobact Acidobacteria_Gp6 Gp6	1	1	0	0	1	0	1	0	2	1	0	1	8
Cluster3540; Verrucom Subdivision3 Subdivision3_ε	3	0	0	0	1	1	0	0	0	0	1	2	8
Cluster3729; Acidobacteria	0	2	0	0	1	1	2	1	0	0	1	0	8
Cluster4446; Proteobac Alphap Rhod Rhodospirillaceae	0	0	2	2	1	1	0	1	1	0	0	0	8
Cluster4466; Bacteroid Sphing Sphir Sphingo Mucilaginibact	1	1	1	0	0	0	0	0	1	4	0	0	8
Cluster4790; Proteobac Alphap Rhodospirillales	0	1	0	0	0	2	0	2	1	0	2	0	8
Cluster5123; Verrucom Opitut; Opitu Opituta Opitutus	0	2	0	0	0	0	1	0	1	3	0	1	8
Cluster5382; Proteobac Alphap Rhodospirillales	0	2	0	0	0	0	1	0	3	0	2	0	8
Cluster6402; Proteobac Alphap Rhizobiales	1	1	0	2	2	1	0	0	1	0	0	0	8
Cluster6435; Proteobac Alphap Rhodospirillales	1	0	0	0	0	1	2	2	1	0	0	1	8
Cluster6674; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	5	0	1	1	8
Cluster7085; Acidobact Acidobacteria_Gp1 Gp1	0	0	4	1	0	1	1	0	0	1	0	0	8
Cluster7150; Actinobac Actinol Actinomycetales	1	0	0	2	0	0	0	1	0	4	0	0	8
Cluster7224; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	3	3	0	0	0	0	2	0	0	8
Cluster7262; Proteobac Deltaproteobacteria	0	1	0	1	0	1	1	0	1	0	3	0	8
Cluster7912; Bacteroid Sphing Sphir Chitinophagaceae	3	0	1	1	0	0	0	0	1	1	1	0	8
Cluster8250;size=36	1	0	0	0	2	3	2	0	0	0	0	0	8
Cluster8563; Acidobact Acidobacteria_Gp10 Gp10	0	1	1	0	0	0	2	0	4	0	0	0	8
Cluster9738; Proteobac Alphap Caulc Cauloba Phenylobacter	0	1	1	0	0	1	2	0	2	0	0	1	8
Cluster9951; Proteobac Deltap Myxococcales	0	0	0	0	0	1	2	0	2	0	2	1	8
Cluster10084 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	2	1	3	1	0	8

Cluster11410	Acidobact	Acidobacteria_Gp1	Gp1	2	0	0	0	0	1	4	1	0	0	0	0	8
Cluster12447	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	1	1	2	2	2	0	8
Cluster12721	Acidobacteria			0	2	0	0	0	0	2	0	4	0	0	0	8
Cluster13406	Proteobac	Alphap	Rhizobiales	0	2	1	2	1	0	0	0	0	0	0	2	8
Cluster14176	Acidobact	Acidobacteria_Gp10	Gp10	0	1	0	0	0	0	0	1	5	0	0	1	8
Cluster14515	Acidobact	Acidobacteria_Gp1		2	1	0	1	4	0	0	0	0	0	0	0	8
Cluster14608	Proteobac	Alphaproteobacteria		0	0	0	1	2	1	0	0	0	1	3	0	8
Cluster14975	Proteobac	Alphap	Rhizc Bradyrh Bradyrhizobiur	1	1	2	0	0	0	0	0	0	2	2	0	8
Cluster15400	Acidobact	Acidobacteria_Gp1	Edaphobacter	3	1	0	1	1	0	0	0	0	1	1	0	8
Cluster15997	Acidobact	Acidobacteria_Gp1	Gp1	0	1	0	0	0	1	0	2	1	1	2	0	8
Cluster16249	Proteobac	Alphaproteobacteria		0	0	1	0	0	0	0	0	0	5	2	0	8
Cluster16817	Acidobact	Acidobacteria_Gp1		0	0	1	0	0	0	0	0	0	3	4	0	8
Cluster17168	size=78			0	0	1	2	0	1	0	0	4	0	0	0	8
Cluster17310	Acidobact	Acidobacteria_Gp1	Gp1	1	0	1	1	0	1	0	0	0	1	3	0	8
Cluster18130	Acidobact	Acidobacteria_Gp2	Gp2	0	4	0	0	0	0	0	0	1	0	0	3	8
Cluster18586	Proteobac	Alphap	Rhizc Methylocystaceae	0	0	1	1	2	2	1	0	1	0	0	0	8
Cluster18765	Acidobact	Acidobacteria_Gp3	Gp3	1	1	1	0	2	1	0	0	1	1	0	0	8
Cluster18863	Proteobac	Betapr	Burkl Oxalobz Collimonas	0	0	0	0	1	2	0	4	1	0	0	0	8
Cluster19135	Acidobact	Acidobacteria_Gp3	Gp3	0	0	1	0	0	1	2	0	0	2	2	0	8
Cluster20157	Acidobact	Acidobacteria_Gp3	Gp3	0	0	1	5	1	1	0	0	0	0	0	0	8
Cluster20224	Actinobac	Actinol	Solirt Conexib Conexibacter	0	1	1	0	2	0	2	1	1	0	0	0	8
Cluster22182	Acidobact	Acidobacteria_Gp1	Gp1	1	1	0	0	0	0	0	2	1	1	2	0	8
Cluster22297	Acidobact	Acidobacteria_Gp2	Gp2	1	0	3	0	0	1	1	0	1	1	0	0	8
Cluster22430	Proteobac	Gamm	Xantl Sinobac Steroidobacter	2	0	2	0	2	1	0	0	0	0	0	1	8
Cluster22891	Proteobac	Gamm	Xanthomonadales	0	0	0	0	1	1	0	1	0	0	5	0	8
Cluster23610	Proteobac	Alphap	Alphaproteok Rhizomicrobiu	1	1	0	0	1	0	1	2	0	0	0	2	8
Cluster24201	Proteobac	Alphap	Alphaproteok Rhizomicrobiu	2	0	0	0	2	2	1	1	0	0	0	0	8
Cluster24597	Chloroflex	Ktedor	Ktedonobacterales	0	0	0	1	0	0	4	1	0	0	2	0	8
Cluster27776	Bacteroid	Sphing	Sphir Chitinophagaceae	0	1	1	0	1	4	0	0	0	0	1	0	8

Cluster2517; Actinobac Actinobacteria	1	0	0	0	1	1	0	1	2	0	1	0	7
Cluster2646; Acidobact Acidobacteria_Gp1	0	3	0	0	0	0	0	0	0	0	1	3	7
Cluster2682; Acidobact Acidobacteria_Gp3 Gp3	1	1	0	0	1	1	0	0	1	0	2	0	7
Cluster2748; Proteobac Betapr Burkli Oxalobac Oxalicibacteriu	2	0	0	0	2	1	0	1	1	0	0	0	7
Cluster2796; Actinobac Actinol Acidimicrobiales	0	1	0	0	0	0	3	0	1	0	0	2	7
Cluster2846; Proteobac Alphap Alphaproteok Rhizomicrobiu	1	1	0	1	0	1	1	0	0	1	1	0	7
Cluster2915;size=11	0	0	0	0	0	1	0	0	0	1	1	4	7
Cluster2988; Proteobac Gamm Xantl Sinobac Steroidobacter	1	0	2	2	0	0	0	0	0	0	0	2	7
Cluster3109; Acidobact Acidobacteria_Gp2 Gp2	2	0	0	0	2	0	0	2	0	1	0	0	7
Cluster3110; Proteobacteria	1	0	0	1	0	1	0	0	0	3	1	0	7
Cluster3159; Verrucom Opitut; Opitu Opituta Opitutus	0	2	0	0	0	0	0	0	0	0	0	5	7
Cluster3241; Acidobacteria	0	0	0	0	0	1	3	0	0	0	3	0	7
Cluster3353; Verrucom Subdivision3 Subdivision3_ξ	1	1	1	1	1	0	0	0	1	1	0	0	7
Cluster3413; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	2	1	0	1	0	3	0	0	0	7
Cluster3460; Acidobact Acidobacteria_Gp1	0	0	1	1	0	1	1	0	0	1	2	0	7
Cluster3577; Acidobact Acidobacteria_Gp13 Gp13	0	2	0	0	1	0	0	0	1	0	2	1	7
Cluster3596; Acidobact Acidobacteria_Gp6 Gp6	0	0	0	1	2	0	2	0	0	0	1	1	7
Cluster3842; Acidobact Acidobacteria_Gp6 Gp6	0	0	0	1	3	1	0	1	0	0	1	0	7
Cluster4233;size=16	0	0	0	2	4	0	0	1	0	0	0	0	7
Cluster4744; Acidobact Acidobacteria_Gp1 Gp1	0	1	0	0	0	1	2	2	1	0	0	0	7
Cluster4980; Proteobac Alphap Rhodospirillales	0	1	1	0	0	1	1	1	2	0	0	0	7
Cluster5021; Acidobact Acidobacteria_Gp2 Gp2	0	2	0	0	0	0	0	1	2	0	1	1	7
Cluster5064;size=18	0	4	0	0	0	0	0	0	0	0	0	3	7
Cluster5689; Verrucom Opitutae	1	0	0	0	3	1	1	0	0	1	0	0	7
Cluster5866; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	3	2	0	0	0	1	7
Cluster6617; Acidobact Acidobacteria_Gp1 Edaphobacter	0	1	0	2	1	1	0	2	0	0	0	0	7
Cluster6637; Verrucom Subdivision3 Subdivision3_ξ	2	0	2	0	2	0	0	0	0	1	0	0	7
Cluster7378; Proteobac Alphap Rhodospirillales	0	0	0	2	1	2	0	1	0	0	0	1	7
Cluster7785; Proteobac Alphap Rhodospirillales	3	0	0	1	0	0	0	0	1	0	0	2	7

Cluster8211; Chlamydi; Chlamy; Chlar Parachlamydiaceae	0	0	0	0	1	0	1	0	2	0	1	2	7
Cluster8507; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	2	1	0	1	1	1	7
Cluster8717; Acidobact Acidobacteria_Gp3 Gp3	1	0	1	1	1	1	1	0	0	1	0	0	7
Cluster8755; Proteobac Deltap Myxc Polyangiaceae	0	0	1	0	1	0	1	0	1	2	1	0	7
Cluster8801; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	2	5	0	0	0	7
Cluster9106; Proteobac Alphap Rhizc Hyphon Rhodoplanes	2	1	2	0	0	0	0	0	1	1	0	0	7
Cluster9153; Proteobac Deltap Myxc Polyangiaceae	2	0	0	0	0	3	0	0	0	1	1	0	7
Cluster9707; Proteobac Alphap Rhizobiales	0	0	0	5	0	0	0	0	1	0	1	0	7
Cluster10820 Armatimc Armati Arma Armatin Armatimonas/	2	0	0	0	1	2	0	1	0	0	0	1	7
Cluster11070 Proteobac Gamm Xantl Sinobac Steroidobacter	1	2	0	0	0	0	0	0	1	0	0	3	7
Cluster11212 Acidobact Acidobacteria_Gp1 Gp1	0	1	0	1	0	1	1	2	0	0	0	1	7
Cluster11599 Bacteroid Sphing Sphir Chitino; Ferruginibacte	0	2	0	0	0	1	0	1	2	0	0	1	7
Cluster13373 Verrucom Opitut; Opitu Opituta Opitutus	1	1	0	0	1	1	0	0	1	1	0	1	7
Cluster13806 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	2	0	0	0	2	1	1	0	0	1	0	7
Cluster14458 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	1	0	0	2	1	1	0	2	0	0	7
Cluster14766 Acidobact Acidobacteria_Gp1	2	1	0	0	0	1	0	2	1	0	0	0	7
Cluster14846 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	2	1	0	1	0	0	1	1	0	7
Cluster14909 Actinobac Actinol Actin Mycoba Mycobacteriur	0	0	1	1	1	0	1	1	0	0	2	0	7
Cluster15098 Acidobact Acidobacteria_Gp1	3	0	0	0	0	0	1	0	0	2	1	0	7
Cluster15311 Acidobact Acidobacteria_Gp1 Gp1	1	0	0	4	0	1	0	0	1	0	0	0	7
Cluster15351 Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	1	0	1	0	0	2	1	1	7
Cluster16682 Proteobac Alphaproteobacteria	0	0	0	0	1	2	0	0	1	0	3	0	7
Cluster16861 Acidobact Acidobacteria_Gp1	0	0	0	0	0	3	0	0	3	0	1	0	7
Cluster17494 Acidobact Acidobacteria_Gp1	0	0	0	1	0	2	0	0	0	3	1	0	7
Cluster17607 Proteobac Betapr Burkl Burkhol Burkholderia	0	1	0	1	0	0	0	1	0	0	0	4	7
Cluster19153 Acidobact Acidobacteria_Gp3 Gp3	1	0	0	0	1	3	2	0	0	0	0	0	7
Cluster19897 Proteobac Gamm Xantl Sinobacteraceae	0	2	0	0	1	0	0	1	0	0	1	2	7
Cluster20495 Acidobact Acidobacteria_Gp1	1	0	0	1	0	0	1	2	1	0	1	0	7
Cluster20586 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	2	0	0	1	0	1	3	0	0	7

Cluster21013 Actinobac Actinol Solirubrobacterales	1	0	0	0	0	0	1	1	0	1	3	0	7
Cluster21289 Chloroflex Ktedor Ktedonobacterales	0	2	0	0	1	0	1	0	0	0	0	3	7
Cluster21850 Actinobac Actinol Solirubrobacterales Conexib Conexibacter	1	0	0	0	1	0	1	0	0	3	1	0	7
Cluster22541 Acidobact Acidobacteria_Gp6 Gp6	1	0	0	2	0	0	2	0	0	0	1	1	7
Cluster25162 Proteobac Alphap Caulc Caulobacteraceae	1	1	0	2	0	0	0	1	0	1	0	1	7
Cluster27044 Bacteroid Sphing Sphir Chitinophagaceae	1	0	2	0	0	0	0	1	0	1	2	0	7
Cluster28435 Actinobac Actinol Actinomycetales	0	0	0	1	2	0	0	0	1	0	3	0	7
Cluster14;size=42 Proteobac Alphap Rhodospirillales	2	2	1	0	0	0	0	0	0	0	0	1	6
Cluster16;size=42 Proteobac Alphap Rhizobiales	1	0	0	0	1	0	1	1	0	0	0	2	6
Cluster20;size=42 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	2	2	0	0	0	0	2	0	0	6
Cluster34;size=42	0	0	1	1	0	0	2	0	1	0	1	0	6
Cluster66;size=42 Proteobac Alphap Rhizobiales	0	2	0	0	0	0	0	0	0	1	0	3	6
Cluster126;size=42 Verrucom Subdivision3 Subdivision3_ε	0	0	0	1	0	2	0	1	0	0	1	1	6
Cluster158;size=42 Acidobact Acidobacteria_Gp1	3	0	0	0	0	2	0	0	0	1	0	0	6
Cluster180;size=42 Acidobact Acidobacteria_Gp2 Gp2	2	0	1	2	0	0	0	1	0	0	0	0	6
Cluster234;size=42 Acidobact Acidobacteria_Gp3 Gp3	1	0	0	0	0	2	0	0	0	1	2	0	6
Cluster247;size=42 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	2	0	0	0	1	0	0	2	6
Cluster258;size=42 Acidobact Acidobacteria_Gp3 Gp3	1	0	2	0	0	1	0	0	1	1	0	0	6
Cluster306;size=42 Proteobac Alphap Rhizobiales	1	0	0	0	2	0	0	0	0	0	2	1	6
Cluster317;size=42 Acidobacteria	1	2	0	0	1	0	0	1	0	0	1	0	6
Cluster384;size=42 Verrucom Spartobacteria Spartobacteria	0	1	1	1	1	0	0	0	0	1	1	0	6
Cluster402;size=42 Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	1	1	0	0	0	3	0	0	6
Cluster420;size=42 Proteobac Betapr Burkholderia Burkholderia	3	1	0	0	0	1	0	0	0	0	0	1	6
Cluster451;size=42 Acidobact Acidobacteria_Gp2 Gp2	2	0	0	2	1	1	0	0	0	0	0	0	6
Cluster526;size=42 Actinobac Actinol Actinomycetales	0	0	1	0	0	0	0	0	0	3	2	0	6
Cluster561;size=42 Acidobact Acidobacteria_Gp1 Gp1	2	0	0	0	2	1	0	1	0	0	0	0	6
Cluster618;size=42 Proteobac Gamm Xanthor Rhodanobacterales	1	1	0	0	1	2	1	0	0	0	0	0	6
Cluster724;size=42 Proteobac Gammaproteobacteria	0	1	1	0	0	0	0	0	0	2	1	1	6
Cluster833;size=30	0	0	0	0	2	0	0	0	1	0	0	3	6

Cluster836;si Proteobac Betapr Burkl Comamonadaceae	1	2	1	0	0	0	0	0	0	0	2	6
Cluster876;si Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	1	0	1	0	2	0	0	6
Cluster932;si Acidobact Acidobacteria_Gp2 Gp2	0	3	0	0	0	2	0	1	0	0	0	6
Cluster939;si Acidobact Acidobacteria_Gp1 Gp1	1	1	1	0	0	0	0	2	0	0	1	6
Cluster949;si Acidobact Acidobacteria_Gp1 Granulicella	2	0	1	0	1	0	0	0	0	2	0	6
Cluster1032; Acidobact Acidobacteria_Gp1	2	0	2	1	0	0	0	0	1	0	0	6
Cluster1113; Proteobac Alphap Rhizobiales	0	0	1	0	2	0	0	0	0	3	0	6
Cluster1131;size=13	0	0	2	0	0	1	0	0	0	0	1	6
Cluster1143;size=33	0	0	1	2	1	0	0	0	0	1	1	6
Cluster1160; Acidobact Acidobacteria_Gp1 Gp1	1	1	0	1	0	1	1	0	0	1	0	6
Cluster1245; Acidobact Acidobacteria_Gp1	2	0	0	0	1	0	0	0	0	2	1	6
Cluster1274; Bacteroid Sphing Sphir Chitinophagaceae	2	0	0	0	0	0	1	0	0	3	0	6
Cluster1283; Acidobact Acidobacteria_Gp1 Gp1	0	2	1	0	0	0	0	1	1	1	0	6
Cluster1381; Acidobacteria	0	1	0	0	2	0	0	2	0	1	0	6
Cluster1523; Acidobact Acidobacteria_Gp1	1	0	0	1	1	0	2	0	0	0	1	6
Cluster1530; Chloroflex Ktedor Ktedc Ktedonc Ktedonobacter	1	1	1	0	1	0	1	0	0	0	1	6
Cluster1531; Proteobac Betapr Burkl Burkhol Burkholderia	1	0	0	1	1	1	0	0	0	2	0	6
Cluster1552; Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	2	1	0	1	6
Cluster1581; Acidobact Acidobacteria_Gp1	0	0	2	1	0	0	1	0	1	0	1	6
Cluster1694; Bacteroid Sphing Sphir Chitinophagaceae	1	0	0	0	1	1	0	2	1	0	0	6
Cluster1730; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	2	3	1	6
Cluster1777; Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	2	0	2	0	0	6
Cluster1789; Actinobac Actinol Solirubrobacterales	2	1	0	1	0	0	0	1	0	0	0	6
Cluster1804; Chlamydi Chlamy Chlamydiales	0	0	0	0	0	0	2	2	0	1	0	6
Cluster1814; Acidobact Acidobacteria_Gp1	0	0	0	0	2	0	1	1	0	2	0	6
Cluster1816; Proteobac Alphap Rhizc Hyphon Rhodoplanes	0	0	0	1	1	2	0	1	0	0	1	6
Cluster1823; Proteobac Alphap Rhizobiales	0	0	0	1	0	0	0	0	0	1	3	6
Cluster1824; Armatimonadetes Armatimonade	1	0	1	0	1	1	0	1	0	0	0	6
Cluster1840; Proteobac Alphap Rhodospirillales	0	0	0	0	0	2	2	0	1	0	0	6

Cluster1867;size=12	0	0	1	1	0	0	1	0	0	3	0	0	6
Cluster1893; Proteobac Gamm Xantl Xanthomonadaceae	1	0	0	0	0	0	0	1	4	0	0	0	6
Cluster1988; Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	1	2	1	2	0	0	0	6
Cluster1993; Proteobac Alphap Rhizobiales	0	1	0	0	3	0	1	0	0	1	0	0	6
Cluster2252; Proteobac Gammaproteobacteria	1	0	0	1	0	0	0	0	1	1	0	2	6
Cluster2277; Acidobact Acidobacteria_Gp1	0	1	0	0	0	1	0	0	0	0	2	2	6
Cluster2371; Verrucom Subdivision3 Subdivision3_ε	1	0	1	0	0	0	0	0	0	2	1	1	6
Cluster2412; Acidobacteria	1	0	0	1	1	1	1	0	1	0	0	0	6
Cluster2414; Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	1	0	1	3	0	6
Cluster2508; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	1	1	0	0	1	2	0	0	6
Cluster2557; Actinobac Actinol Actin Catenul Catenulispora	0	0	0	1	1	2	0	0	0	0	0	2	6
Cluster2632; Actinobac Actinol Actinomycetales	0	0	0	1	1	1	1	0	0	0	2	0	6
Cluster2642; Proteobac Alphaproteobacteria	1	0	1	0	1	0	0	0	0	1	1	1	6
Cluster2839; Chlamydi Chlamy Chlamydiales	1	0	0	0	1	0	1	0	1	1	0	1	6
Cluster2841; Proteobac Alphap Rhod Acetobacteraceae	2	0	0	0	2	0	0	1	0	1	0	0	6
Cluster2914; Actinobac Actinol Actinomycetales	0	1	1	0	0	2	0	1	0	0	1	0	6
Cluster2927; Proteobac Alphap Rhodospirillales	0	0	0	1	0	1	1	0	1	0	2	0	6
Cluster3204; Proteobac Alphap Alphaproteob Rhizomicrobiu	0	0	1	1	1	0	0	0	0	2	0	1	6
Cluster3261; Actinobac Actinol Acidi Acidimii Aciditerrimon	0	1	0	1	0	2	0	0	1	0	0	1	6
Cluster3313; Bacteroid Sphing Sphir Sphingo Mucilaginibact	1	0	0	0	0	2	2	0	0	0	1	0	6
Cluster3741; Proteobac Deltap Myxc Polyangiaceae	0	0	0	0	1	2	0	0	0	1	1	1	6
Cluster3779;size=27	3	0	0	0	0	0	0	1	2	0	0	0	6
Cluster3946; Acidobact Acidobacteria_Gp7 Gp7	1	0	0	0	2	1	0	0	1	0	0	1	6
Cluster4015; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	5	0	0	0	1	0	0	0	6
Cluster4042; Acidobact Acidobacteria_Gp1	1	0	1	1	1	0	0	0	0	1	0	1	6
Cluster4088; Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	1	0	3	0	0	0	0	1	1	6
Cluster4095; Proteobac Alphap Rhodospirillales	0	1	0	0	1	0	0	2	0	1	1	0	6
Cluster4116; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	1	0	3	1	0	0	0	0	6
Cluster5203; Acidobact Acidobacteria_Gp1	0	0	0	0	0	1	0	1	3	0	1	0	6

Cluster12059 Acidobact Acidobacteria_Gp1	0	2	1	2	0	0	0	0	0	0	1	0	6
Cluster12497 Verrucom Opitut; Opitu Opituta Opitutus	0	1	0	0	0	0	1	0	1	3	0	0	6
Cluster12965 Actinobac Actinol Soliru Conexib Conexibacter	0	0	1	0	0	0	0	1	1	1	0	2	6
Cluster13283 Proteobac Alphap Rhizobiales	0	0	1	2	0	0	0	0	0	0	1	2	6
Cluster13642 Actinobac Actinobacteria	0	3	0	0	0	0	0	1	0	0	1	1	6
Cluster13740 Proteobac Deltaproteobacteria	1	0	0	0	1	0	1	0	1	0	2	0	6
Cluster13864 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	2	0	1	1	0	2	0	6
Cluster13882 Acidobact Acidobacteria_Gp1	2	0	0	0	0	0	0	0	4	0	0	0	6
Cluster14025 Acidobact Acidobacteria_Gp1 Gp1	0	0	2	0	1	1	0	0	0	0	2	0	6
Cluster14365 Acidobact Acidobacteria_Gp3 Gp3	0	0	1	1	0	1	0	0	0	2	1	0	6
Cluster14413 Proteobac Betapr Burkli Oxalobacteraceae	2	0	2	0	0	1	0	0	0	1	0	0	6
Cluster14584 Acidobact Acidobacteria_Gp1	0	0	1	1	0	1	0	0	0	3	0	0	6
Cluster14611 Chloroflex Ktedonobacteria	0	0	0	0	2	0	0	3	1	0	0	0	6
Cluster14618 Acidobact Acidobacteria_Gp1	1	0	0	0	0	2	1	1	1	0	0	0	6
Cluster15011 Acidobact Acidobacteria_Gp3 Gp3	0	1	0	1	0	1	0	2	1	0	0	0	6
Cluster15876 Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	1	0	1	0	0	3	6
Cluster16543 Acidobacteria	0	0	0	4	0	1	0	0	1	0	0	0	6
Cluster16554 Acidobact Acidobacteria_Gp2 Gp2	4	0	2	0	0	0	0	0	0	0	0	0	6
Cluster16741 Acidobact Acidobacteria_Gp1	0	0	1	3	0	0	0	0	1	1	0	0	6
Cluster16869 Proteobac Alphap Rhod Acetobacteraceae	0	1	0	1	0	0	0	1	0	2	1	0	6
Cluster16956 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	1	0	0	0	2	1	1	0	6
Cluster17246 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	2	3	0	0	0	0	1	0	6
Cluster17487 Acidobact Acidobacteria_Gp1 Gp1	0	1	0	0	2	0	0	3	0	0	0	0	6
Cluster17554 Proteobac Alphap Rhizobiales	0	0	1	0	0	0	0	1	0	4	0	0	6
Cluster17752 Acidobact Acidobacteria_Gp3 Gp3	0	0	1	1	0	0	0	1	0	1	2	0	6
Cluster17809 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	2	3	6
Cluster17812 Acidobact Acidobacteria_Gp2 Gp2	1	0	1	1	1	0	0	1	0	0	1	0	6
Cluster18115 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	4	0	0	2	0	0	0	0	6
Cluster18153 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	1	1	1	0	1	0	1	0	6

Cluster18537	Acidobact	Acidobacteria_Gp3	Gp3	0	1	1	0	0	1	0	0	1	0	0	2	6		
Cluster18582	Proteobac	Alphap	Alphaproteok	Rhizomicrobiu	0	0	0	1	0	1	0	1	1	2	0	0	6	
Cluster18611	Actinobac	Actinobacteria		3	0	0	0	2	0	1	0	0	0	0	0	6		
Cluster18948	Actinobac	Actinol	Acidi	Acidimii	Aciditerrimona	0	0	0	1	1	0	0	1	1	2	0	0	6
Cluster19477	Acidobact	Acidobacteria_Gp2	Gp2	0	2	0	0	1	0	3	0	0	0	0	0	0	6	
Cluster19520	Acidobact	Acidobacteria_Gp2	Gp2	0	4	0	1	1	0	0	0	0	0	0	0	0	6	
Cluster20220	Acidobacteria			2	0	0	2	2	0	0	0	0	0	0	0	0	6	
Cluster20244	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	2	1	0	0	0	0	0	3	6	
Cluster20370	Acidobacteria			3	0	0	0	1	0	2	0	0	0	0	0	0	6	
Cluster20571	Proteobac	Gamm	Xanthomonadales	1	1	1	3	0	0	0	0	0	0	0	0	0	6	
Cluster20836	Acidobact	Acidobacteria_Gp3	Gp3	2	2	0	0	0	0	2	0	0	0	0	0	0	6	
Cluster20914	Bacteroid	Sphing	Sphir	Sphingo	Mucilaginibact	1	0	0	0	1	0	2	1	0	1	0	0	6
Cluster21800	Proteobac	Alphap	Rhod	Acetobacteraceae	0	1	1	0	1	1	0	0	0	2	0	0	6	
Cluster21931	Acidobact	Acidobacteria_Gp1		1	1	0	1	1	1	0	1	0	0	0	0	0	6	
Cluster22240	Actinobac	Actinol	Actin	Catenul	Catenulispora	0	0	0	0	0	0	1	4	0	0	0	1	6
Cluster23733;size=39				1	0	0	0	0	2	0	1	2	0	0	0	0	6	
Cluster24905	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	2	0	0	1	0	1	0	2	0	0	6	
Cluster25269	Bacteroid	Sphing	Sphir	Chitinophagaceae	0	1	0	0	1	0	1	3	0	0	0	0	6	
Cluster25973	Actinobac	Actinol	Actinomycetales	0	0	1	2	0	0	1	1	0	0	1	0	0	6	
Cluster27174	Bacteroid	Sphing	Sphir	Chitinophagaceae	0	1	0	0	0	2	2	0	1	0	0	0	6	
Cluster27979	Proteobac	Gamm	Xanthomonadales	0	1	0	2	1	0	0	1	0	1	0	0	0	6	
Cluster28933	Bacteroid	Sphing	Sphir	Sphingo	Mucilaginibact	0	0	1	2	0	1	0	0	1	0	0	1	6
Cluster28939	Bacteroid	Sphing	Sphir	Sphingo	Mucilaginibact	0	0	0	0	2	2	0	1	1	0	0	0	6
Cluster0;size=46				1	0	2	0	0	1	0	0	1	0	0	0	0	5	
Cluster39;size=	Acidobact	Acidobacteria_Gp2	Gp2	1	3	1	0	0	0	0	0	0	0	0	0	0	5	
Cluster77;size=	TM7		TM7_genera_i	0	1	0	0	0	0	1	1	0	1	1	0	0	5	
Cluster94;size=	Proteobac	Alphap	Rhizobiales	0	3	0	0	0	0	0	0	2	0	0	0	0	5	
Cluster98;size=	Acidobact	Acidobacteria_Gp2	Gp2	0	1	1	1	0	1	0	1	0	0	0	0	0	5	
Cluster162;size=	Acidobact	Acidobacteria_Gp1		1	1	0	0	0	2	0	0	0	0	0	1	0	5	

Cluster164;si Acidobact Acidobacteria_Gp1	0	0	0	1	1	0	0	1	0	2	0	0	5
Cluster207;si Proteobac Alphap Rhodospirillales	0	0	1	0	1	1	0	0	1	0	1	0	5
Cluster246;si Verrucom Spartobacteria Spartobacteria	0	0	0	0	0	0	0	2	2	0	1	0	5
Cluster267;si Acidobact Acidobacteria_Gp3	0	3	0	0	0	0	0	0	0	1	0	1	5
Cluster309;size=23	0	1	0	0	1	1	1	0	0	1	0	0	5
Cluster368;si Chlamydi: Chlamy Chlar Parachlamydiaceae	1	0	0	1	0	0	0	0	0	3	0	0	5
Cluster392;si Proteobac Alphap Rhodospirillales	1	0	1	0	0	0	0	1	0	1	1	0	5
Cluster400;size=16	0	4	0	0	0	0	0	0	0	0	0	1	5
Cluster452;si Proteobac Betapr Burkl Burkhol Burkholderia	1	0	0	0	1	0	1	0	0	0	2	0	5
Cluster453;si Acidobact Acidobacteria_Gp5 Gp5	1	0	0	1	0	0	0	0	0	2	1	0	5
Cluster571;si Verrucom Opitutae	3	0	0	0	0	1	0	0	1	0	0	0	5
Cluster619;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	1	1	1	0	0	1	5
Cluster665;size=31	2	0	0	1	2	0	0	0	0	0	0	0	5
Cluster713;size=18	0	0	0	0	3	1	0	0	1	0	0	0	5
Cluster747;si Proteobac Alphap Rhizc Xanthol Pseudolabrys	0	0	1	1	0	3	0	0	0	0	0	0	5
Cluster764;si Chlamydi: Chlamy Chlamydiales	0	0	0	1	0	0	1	1	0	0	2	0	5
Cluster767;size=37	1	0	1	0	0	2	1	0	0	0	0	0	5
Cluster774;si Acidobact Acidobacteria_Gp1 Terriglobus	0	1	0	1	2	0	0	0	0	1	0	0	5
Cluster775;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	1	1	1	1	0	0	5
Cluster895;si Acidobact Acidobacteria_Gp1	1	0	0	0	1	1	0	0	1	0	1	0	5
Cluster941;si Acidobact Acidobacteria_Gp3 Gp3	1	0	0	1	0	0	0	1	0	0	2	0	5
Cluster961;si Proteobac Alphap Rhizobiales	0	0	2	1	0	0	0	0	0	0	1	1	5
Cluster1016; Bacteroid Sphing Sphir Chitinophagaceae	1	2	0	0	0	0	0	0	0	1	0	1	5
Cluster1063; Actinobac Actinol Acidimicrobiales	1	0	0	0	1	1	2	0	0	0	0	0	5
Cluster1094; Acidobacteria	0	3	0	0	0	0	1	0	1	0	0	0	5
Cluster1095; Proteobacteria	1	0	1	2	0	0	0	0	0	0	0	1	5
Cluster1097; Acidobact Acidobacteria_Gp1	1	2	0	0	0	1	0	0	1	0	0	0	5
Cluster1145; Bacteroid Sphing Sphir Chitinophagaceae	1	0	2	0	1	1	0	0	0	0	0	0	5
Cluster1147; Proteobac Betapr Burkholderiales	0	0	1	0	0	0	0	1	0	2	0	1	5

Cluster1156; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	1	1	2	0	0	0	5
Cluster1195; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	5	0	0	5
Cluster1287; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	1	1	0	1	1	5
Cluster1342; Bacteroid Sphing Sphir Chitinophagaceae	2	0	0	0	1	1	1	0	0	0	0	0	5
Cluster1353; Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	2	0	1	0	0	0	1	0	5
Cluster1429; Acidobact Acidobacteria_Gp3	1	0	0	0	1	1	0	0	1	1	0	0	5
Cluster1563; Proteobac Betapr Burkl Oxalobacteraceae	0	1	0	0	0	1	0	1	0	0	1	1	5
Cluster1564; Acidobact Acidobacteria_Gp1 Gp1	1	0	2	0	0	1	0	0	0	0	1	0	5
Cluster1570; Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	1	1	2	0	0	5
Cluster1674; size=13	0	2	0	0	0	0	0	0	0	2	0	1	5
Cluster1728; Acidobact Acidobacteria_Gp1 Gp1	0	0	2	0	0	1	0	0	0	1	1	0	5
Cluster1780; Acidobact Acidobacteria_Gp2 Gp2	1	1	0	0	0	1	1	0	1	0	0	0	5
Cluster1830; Verrucom Opitut; Opitu Opituta Opitutus	0	2	0	0	0	0	0	0	0	2	0	1	5
Cluster1907; Proteobac Alphap Alphaproteob Rhizomicrobiu	0	3	0	0	0	0	1	0	0	0	0	1	5
Cluster1934; Acidobact Acidobacteria_Gp1 Acidobacteriur	2	0	1	1	0	0	0	0	0	0	0	1	5
Cluster1946; Planctom Planct Planct Planctomyces	0	0	0	0	1	0	1	1	0	0	2	0	5
Cluster2053; size=40	0	2	0	0	0	0	1	1	0	0	1	0	5
Cluster2103; Acidobact Acidobacteria_Gp1 Gp1	0	1	1	0	0	0	1	0	1	1	0	0	5
Cluster2128; Actinobac Actinol Actinomycetales	0	0	0	0	0	1	0	2	2	0	0	0	5
Cluster2134; Actinobac Actinol Actin Pseudonocardiaceae	0	0	0	0	0	0	0	2	0	0	0	3	5
Cluster2237; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	2	0	0	0	2	1	0	0	5
Cluster2257; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	2	1	0	1	0	0	0	0	1	5
Cluster2388; Proteobac Alphap Caulc Caulobacteraceae	1	1	0	0	1	0	1	0	0	1	0	0	5
Cluster2658; Proteobac Alphaproteobacteria	1	0	0	0	0	1	0	3	0	0	0	0	5
Cluster2697; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	1	2	1	0	0	0	0	0	0	5
Cluster2768; Acidobact Acidobacteria_Gp1 Gp1	1	0	0	1	0	0	0	1	0	1	0	1	5
Cluster2810; Bacteroid Sphing Sphir Chitinophagaceae	0	0	2	1	1	0	0	0	0	1	0	0	5
Cluster3006; Acidobact Acidobacteria_Gp1	1	0	2	0	1	0	0	1	0	0	0	0	5
Cluster3016; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	1	0	1	0	1	0	0	1	5

Cluster3088; Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	1	2	1	0	0	0	0	5
Cluster3128; Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	1	0	0	1	0	1	1	0	0	1	5
Cluster3140; Proteobac Betapr Burkholderia	0	0	0	2	3	0	0	0	0	0	0	0	5
Cluster3180; Planctom Planct Planctomycetaceae	0	1	2	0	1	1	0	0	0	0	0	0	5
Cluster3407; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	1	0	1	1	0	0	1	0	5
Cluster3437; Acidobacteria	0	1	0	0	1	0	1	0	0	0	1	1	5
Cluster3472; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	1	0	0	1	0	0	1	0	1	5
Cluster3574; Acidobact Acidobacteria_Gp1	0	1	0	1	0	0	1	0	1	1	0	0	5
Cluster3690; size=14	0	0	0	2	1	1	1	0	0	0	0	0	5
Cluster3705; Bacteroid Sphing Sphir Chitinophagaceae	2	0	1	0	1	0	0	0	1	0	0	0	5
Cluster3746; Proteobac Alphap Rhod Acetob Acidisphaera	0	0	0	2	0	1	1	0	0	0	1	0	5
Cluster4014; Bacteroid Sphing Sphir Chitinophagaceae	1	0	1	0	1	1	0	1	0	0	0	0	5
Cluster4033; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	2	0	1	1	5
Cluster4289; Proteobac Alphap Rhod Rhodospirillaceae	0	1	0	0	1	0	0	1	0	1	0	1	5
Cluster4321; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	1	0	0	0	1	0	0	0	0	1	1	1	5
Cluster4327; Actinobac Actinol Actinomycetales	0	0	1	0	1	0	0	0	1	1	0	1	5
Cluster4404; Proteobac Deltap Myxc Polyangiaceae	0	1	0	0	0	1	1	0	0	1	1	0	5
Cluster4785; Proteobac Gamm Legio Coxiella Aquicella	0	0	3	1	0	0	0	0	0	0	1	0	5
Cluster4826; size=33	0	0	2	2	0	1	0	0	0	0	0	0	5
Cluster5681; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	1	0	0	0	2	0	0	2	0	5
Cluster5697; size=21	1	0	0	0	4	0	0	0	0	0	0	0	5
Cluster5704; Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	1	3	0	0	0	5
Cluster5828; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	1	0	2	2	0	0	0	5
Cluster6373; Acidobact Acidobacteria_Gp3 Gp3	1	0	1	0	1	1	0	0	0	0	1	0	5
Cluster6749; Verrucom Opitut; Opitut; Opituta Opitutus	2	0	0	0	0	2	0	0	1	0	0	0	5
Cluster6945; Proteobac Alphap Rhodospirillales	3	0	0	0	0	0	0	1	1	0	0	0	5
Cluster7029; Acidobact Acidobacteria_Gp5 Gp5	1	0	0	1	0	0	1	0	0	1	1	0	5
Cluster7173; Proteobac Alphap Rhodospirillales	0	1	0	1	0	0	0	0	0	3	0	0	5
Cluster7198; Proteobac Alphaproteobacteria	0	0	3	0	1	1	0	0	0	0	0	0	5

Cluster7320; Gemmatir Gemm Gemı Gemma Gemmatimonas	1	0	0	0	3	0	0	0	0	0	1	0	5
Cluster7464; Verrucom Spartobacteria Spartobacteria	1	1	0	0	0	0	1	1	0	0	0	1	5
Cluster7662; Acidobact Acidobacteria_Gp3 Gp3	2	0	0	0	1	0	0	0	0	2	0	0	5
Cluster7674; Firmicutes	0	2	0	0	0	0	1	0	0	0	0	2	5
Cluster7722; Verrucom Opitut; Opitu Opituta Opitutus	1	0	0	0	0	4	0	0	0	0	0	0	5
Cluster7803; Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	0	1	0	2	0	0	1	0	5
Cluster7895; Proteobac Deltap Myxococcales	0	1	1	0	0	1	0	1	0	0	0	1	5
Cluster8022;size=32	2	0	0	0	0	1	1	0	0	0	1	0	5
Cluster8023; Proteobac Alphap Rhodospirillales	1	0	0	0	0	1	0	0	0	1	2	0	5
Cluster8325;size=9	0	1	0	0	0	0	0	1	1	0	2	0	5
Cluster8522; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	3	0	0	0	1	1	5
Cluster8587; Verrucom Subdivision3 Subdivision3_ξ	2	1	0	0	1	0	0	0	1	0	0	0	5
Cluster8628; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	1	0	0	0	1	1	1	0	5
Cluster8784; Acidobact Acidobacteria_Gp2 Gp2	1	1	0	0	0	2	1	0	0	0	0	0	5
Cluster8944;size=31	0	0	0	1	0	0	2	2	0	0	0	0	5
Cluster9121; Proteobac Alphaproteobacteria	0	2	0	0	0	0	0	1	0	0	0	2	5
Cluster9217; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	1	2	2	0	0	0	5
Cluster9373; Proteobac Alphap Rhod Rhodospirillaceae	3	0	0	0	0	0	0	2	0	0	0	0	5
Cluster9906; Acidobact Acidobacteria_Gp1 Granulicella	0	0	1	1	0	1	0	1	1	0	0	0	5
Cluster10612 Proteobac Alphap Caulc Caulobac Caulobacter	0	0	2	0	0	0	0	0	0	1	2	0	5
Cluster10824 Proteobac Betapr Burkl Burkhol Burkholderia	0	1	0	1	0	0	0	0	0	1	1	1	5
Cluster11024 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	2	0	3	0	5
Cluster11521 Acidobact Acidobacteria_Gp5 Gp5	0	2	0	0	0	1	1	0	0	0	0	1	5
Cluster11672 Acidobact Acidobacteria_Gp1	0	1	2	0	0	0	1	0	0	0	1	0	5
Cluster12086 Proteobac Gamm Xantı Sinobac Steroidobacter	0	0	0	1	0	1	2	0	1	0	0	0	5
Cluster12219 Proteobac Alphap Alphaproteot Rhizomicrobiu	0	0	0	0	0	1	0	0	4	0	0	0	5
Cluster12222 Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	0	0	1	0	0	1	2	0	5
Cluster12836 Proteobac Deltaproteobacteria	0	0	2	1	0	0	1	0	1	0	0	0	5
Cluster12915 Acidobact Acidobacteria_Gp2 Gp2	0	0	3	1	0	0	0	0	0	0	1	0	5

Cluster21603;size=26	0	0	1	1	0	0	0	1	1	0	0	1	5
Cluster21671 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	1	0	1	3	0	5
Cluster21724 Acidobacteria	0	0	1	0	0	0	2	0	0	0	2	0	5
Cluster22037 Acidobact Acidobacteria_Gp3 Gp3	2	0	1	0	0	0	0	1	0	1	0	0	5
Cluster22107;size=17	0	0	0	1	0	0	3	0	1	0	0	0	5
Cluster22165 Proteobac Deltaproteobacteria	1	1	0	0	1	0	1	0	1	0	0	0	5
Cluster22443 Actinobac Actinol Actinomycetales	0	1	1	1	0	0	1	0	0	0	1	0	5
Cluster22792 Proteobac Alphap Caulc Caulobacteraceae	0	0	2	1	0	0	0	0	0	0	2	0	5
Cluster22974 Proteobac Gamm Xanthomonadales	0	0	2	0	0	0	1	0	0	1	1	0	5
Cluster23066 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	2	0	1	1	0	0	1	0	0	5
Cluster23438 Actinobac Actinol Actinomycetales	0	1	0	0	0	0	2	0	0	0	2	0	5
Cluster24477 Bacteroid Sphing Sphir Chitinophagaceae	1	0	0	0	2	0	0	1	0	0	1	0	5
Cluster24510 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	1	0	0	3	0	0	0	0	5
Cluster24514 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	1	1	1	1	0	0	5
Cluster24681 Proteobac Alphap Alphaproteob Rhizomicrobiu	2	1	1	1	0	0	0	0	0	0	0	0	5
Cluster24840 Acidobact Acidobacteria_Gp13 Gp13	0	2	0	0	0	0	1	1	0	0	0	1	5
Cluster25065 Actinobac Actinobacteria	0	2	0	0	1	0	1	0	1	0	0	0	5
Cluster25407 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	1	1	1	0	1	0	5
Cluster25736 Actinobac Actinol Acidi Acidimii Aciditerrimon	1	0	1	0	0	0	0	0	0	1	2	0	5
Cluster25779 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	1	1	0	1	0	2	0	0	5
Cluster26115 Proteobac Alphaproteobacteria	1	0	1	0	0	1	0	0	2	0	0	0	5
Cluster26926 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	2	0	1	0	1	5
Cluster26986 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	1	0	0	0	0	0	2	2	0	5
Cluster27080 Acidobacteria	0	0	0	0	0	0	0	1	3	0	1	0	5
Cluster27365 Actinobac Actinol Acidimicrobiales	0	1	0	0	1	0	0	0	0	2	0	1	5
Cluster27637 Bacteroid Sphing Sphir Chitinophagaceae	2	0	0	0	0	1	0	0	0	1	0	1	5
Cluster28121 Actinobac Actinol Acidi Acidimii Aciditerrimon	0	1	1	0	0	0	1	1	0	0	0	1	5
Cluster29289 Bacteroid Bacteroidetes_incert Ohtaekwangia	0	0	0	1	1	0	2	0	1	0	0	0	5
Cluster25;size Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	1	0	0	0	2	0	0	0	4

Cluster798;si Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	2	0	0	1	0	1	0	0	4
Cluster869;si Acidobact Acidobacteria_Gp2 Gp2	1	0	0	1	0	0	1	0	1	0	0	0	4
Cluster873;si Acidobact Acidobacteria_Gp15 Gp15	0	0	0	0	0	1	0	0	1	1	1	0	4
Cluster905;si Proteobacteria	1	0	0	0	0	0	0	2	1	0	0	0	4
Cluster914;si Proteobacteria	0	1	1	0	0	0	0	0	1	1	0	0	4
Cluster928;si Acidobact Acidobacteria_Gp1 Terriglobus	0	0	0	1	0	0	0	2	0	1	0	0	4
Cluster951;si Actinobac Actinol Actin Mycoba Mycobacteriur	0	0	1	1	0	0	0	0	0	0	2	0	4
Cluster990;si Proteobac Alphap Rhod Rhodospirillaceae	0	1	0	0	0	0	0	2	1	0	0	0	4
Cluster1040; Proteobac Alphap Sphir Sphingo Sphingomonas	2	0	0	0	0	1	0	0	0	0	1	0	4
Cluster1122; Actinobac Actinol Acidi Acidimi Aciditerrimon	0	1	0	1	1	1	0	0	0	0	0	0	4
Cluster1124; Proteobac Alphap Rhodospirillales	0	1	0	0	0	0	0	0	1	0	0	2	4
Cluster1125; Proteobac Alphap Caulc Cauloba Phenylobacter	0	0	0	0	0	0	0	1	1	0	2	0	4
Cluster1126;size=15	0	0	0	0	1	0	1	0	1	0	1	0	4
Cluster1132; Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	2	0	1	1	0	0	0	0	4
Cluster1265; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	3	0	0	4
Cluster1272; Proteobac Alphap Alphaproteok Rhizomicrobiu	2	0	0	0	0	0	0	0	1	0	1	0	4
Cluster1282; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	1	0	2	0	0	0	4
Cluster1292; Acidobact Acidobacteria_Gp6 Gp6	1	0	2	0	0	1	0	0	0	0	0	0	4
Cluster1297; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	2	1	0	4
Cluster1308; Proteobac Deltaproteobacteria	0	0	0	0	0	0	1	0	0	0	2	1	4
Cluster1332; Acidobact Acidobacteria_Gp1 Gp1	0	3	0	0	0	0	0	0	1	0	0	0	4
Cluster1354; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	2	0	1	0	0	1	0	0	4
Cluster1356; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	2	1	1	0	0	0	0	0	0	4
Cluster1364;size=42	1	0	0	1	0	0	0	1	0	0	1	0	4
Cluster1373;size=32	0	0	0	2	2	0	0	0	0	0	0	0	4
Cluster1401; Armatimc Armati Arma Armatin Armatimonas/	0	0	0	0	0	1	1	0	0	1	1	0	4
Cluster1415; Acidobact Acidobacteria_Gp1 Gp1	1	0	1	0	0	0	0	1	0	1	0	0	4
Cluster1418; Acidobact Acidobacteria_Gp6 Gp6	0	1	1	0	0	0	1	0	1	0	0	0	4
Cluster1519; Proteobac Gamm Xantl Sinobac Nevskia	0	0	0	1	0	1	0	0	0	2	0	0	4

Cluster1539; Proteobac Betapr Burkli Oxaloba Janthinobacter	0	0	0	1	0	0	0	0	0	2	1	0	4
Cluster1556; Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	0	1	1	0	0	0	1	0	4
Cluster1561; Acidobact Acidobacteria_Gp6 Gp6	0	0	1	1	0	1	0	0	1	0	0	0	4
Cluster1599; Bacteroid Sphing Sphir Chitino; Chitinophaga	0	0	0	0	0	1	0	2	1	0	0	0	4
Cluster1632; Actinobac Actinol Actin Streptomycetaceae	0	0	0	0	0	0	0	0	1	3	0	0	4
Cluster1665; Proteobac Alphap Rhod Acetob; Acidisphaera	3	0	0	0	0	1	0	0	0	0	0	0	4
Cluster1668; Proteobac Alphap Caulc Caulob; Phenyllobacter	0	1	1	0	0	0	0	0	0	2	0	0	4
Cluster1672; Actinobac Actinobacteria	0	0	0	0	0	1	0	0	1	1	1	0	4
Cluster1718; Proteobac Alphaproteobacteria	0	0	0	0	0	3	0	1	0	0	0	0	4
Cluster1766; Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	0	1	0	1	1	0	0	0	4
Cluster1774; Acidobact Acidobacteria_Gp13 Gp13	0	1	0	0	1	0	0	2	0	0	0	0	4
Cluster1782; Chloroflexi	3	0	0	0	0	1	0	0	0	0	0	0	4
Cluster1788; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	1	0	0	0	1	0	0	1	0	4
Cluster1838;size=18	0	0	2	0	0	0	1	1	0	0	0	0	4
Cluster1866; Actinobac Actinol Solirubrobacterales	0	0	2	0	0	0	1	0	0	1	0	0	4
Cluster1932; Proteobac Betaproteobacteria	0	2	0	0	0	0	0	0	0	1	0	1	4
Cluster1933; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	2	0	0	0	1	0	1	0	4
Cluster2009; Acidobact Acidobacteria_Gp3 Gp3	1	0	1	0	1	0	0	0	0	1	0	0	4
Cluster2079; Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	1	0	0	0	0	1	0	2	0	0	4
Cluster2094;size=23	0	0	0	0	1	1	0	1	1	0	0	0	4
Cluster2138; Chlamydi; Chlamy Chlamydiales	2	0	0	2	0	0	0	0	0	0	0	0	4
Cluster2180; Acidobact Acidobacteria_Gp1 Gp1	1	1	0	0	1	0	0	0	1	0	0	0	4
Cluster2246; Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	3	0	0	0	0	0	0	4
Cluster2262; Acidobact Acidobacteria_Gp10 Gp10	0	0	0	1	0	0	0	1	0	1	0	1	4
Cluster2267;size=5	1	0	1	0	0	1	0	0	0	0	1	0	4
Cluster2312; Proteobac Alphap Rhizc Xantho; Labrys	0	1	0	0	1	0	0	0	0	1	0	1	4
Cluster2317; Acidobact Acidobacteria_Gp3	0	2	0	1	0	0	1	0	0	0	0	0	4
Cluster2449; Proteobac Alphap Caulc Caulobacteraceae	0	0	1	1	0	0	0	0	0	2	0	0	4
Cluster2592; Acidobact Acidobacteria_Gp1	0	0	0	0	1	1	1	0	1	0	0	0	4

Cluster2612;size=20	0	1	0	0	1	1	0	0	0	0	1	4
Cluster2693; Proteobac Betapr Burkl Oxalobæ Collimonas	0	0	0	0	0	1	0	3	0	0	0	4
Cluster2739; Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	1	1	1	0	0	0	0	0	4
Cluster2954; Actinobac Actinol Actinomycetales	0	0	1	0	0	0	0	0	1	2	0	4
Cluster2967; Proteobac Betaproteobacteria	1	0	0	1	1	0	1	0	0	0	0	4
Cluster2978; Acidobact Acidobacteria_Gp1	0	0	0	4	0	0	0	0	0	0	0	4
Cluster3040; Proteobac Alphap Rhod Rhodospirillaceae	0	1	0	0	0	1	1	0	0	0	1	4
Cluster3135; Actinobac Actinol Actin Nocardia Nocardia	0	1	0	0	0	1	0	1	0	1	0	4
Cluster3160; Actinobac Actinol Actin Nocardioideae	0	0	0	0	0	3	1	0	0	0	0	4
Cluster3221; Proteobac Alphap Rhodospirillales	0	0	1	0	0	2	0	0	1	0	0	4
Cluster3272; Actinobac Actinol Acidimicrobiales	0	1	0	0	2	1	0	0	0	0	0	4
Cluster3327;size=34	0	0	0	0	0	0	0	1	1	0	1	4
Cluster3492; Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	2	0	0	1	1	0	0	0	4
Cluster3593; Chlamydiæ Chlamy Chlar Parachlamydiaceae	1	0	1	0	2	0	0	0	0	0	0	4
Cluster3594; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	1	0	0	1	4
Cluster3662;size=10	2	0	0	0	2	0	0	0	0	0	0	4
Cluster3699; Actinobac Actinol Actinomycetales	0	1	0	1	2	0	0	0	0	0	0	4
Cluster3768; Proteobac Deltap Myxococcales	1	0	0	0	0	3	0	0	0	0	0	4
Cluster3834; Armatimc Armati Arma Armatin Armatimonas/	1	0	0	0	0	0	1	0	2	0	0	4
Cluster3877;size=40	0	0	0	0	0	1	0	0	2	0	1	4
Cluster3957; Bacteroid Sphing Sphir Chitino Ferruginibacte	0	3	0	0	0	0	0	0	0	0	1	4
Cluster4123; Actinobac Actinol Actin Pseudonocardiaceae	0	0	0	0	1	2	0	0	0	0	1	4
Cluster4223; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	1	0	0	0	1	1	0	4
Cluster4334; Proteobac Deltap Bdelel Bdelelvi Vampirovibrio	0	2	0	0	0	0	0	0	1	0	1	4
Cluster4370; Actinobac Actinol Acidimicrobiales	0	0	1	0	0	1	1	0	0	0	1	4
Cluster4432; Planctom Planct Planc Plancto Singulisphaera	0	0	0	1	0	0	1	0	0	0	1	4
Cluster4673;size=19	0	2	0	0	0	0	0	0	0	2	0	4
Cluster4680;size=15	1	0	0	0	0	0	0	3	0	0	0	4
Cluster4725; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	3	1	0	0	0	0	0	4

Cluster4803;size=22	0	0	0	1	1	0	0	0	1	0	1	0	4
Cluster4936;size=35	0	1	0	0	0	1	1	1	0	0	0	0	4
Cluster4946; Plancton Planct Planct Planctoi Singulisphaera	0	2	0	0	0	1	1	0	0	0	0	0	4
Cluster5006; Proteobac Alpha Rhodospirillales	0	0	1	0	1	1	0	0	0	1	0	0	4
Cluster5202; Proteobac Alpha Rhodospirillales	0	1	0	0	2	0	0	0	0	0	0	1	4
Cluster5244; Proteobac Alpha Rhizc Bradyrh Bradyrhizobiur	0	3	0	0	0	0	0	0	0	0	0	1	4
Cluster5248; Proteobac Alpha Rhizobiales	0	0	0	1	0	0	1	0	0	2	0	0	4
Cluster5305; Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	3	0	4
Cluster5412; Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	1	0	0	0	2	1	0	4
Cluster5429; Proteobac Alpha Rhod Acetobacteraceae	0	0	1	1	0	0	0	0	0	2	0	0	4
Cluster5430; Bacteroid Sphing Sphir Chitinophagaceae	2	0	0	0	1	0	0	1	0	0	0	0	4
Cluster5470; Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	1	0	1	0	0	1	4
Cluster5683; Proteobac Deltaproteobacteria	0	1	1	2	0	0	0	0	0	0	0	0	4
Cluster5692; Proteobac Alpha Caulc Cauloba Phenyllobacter	0	0	1	0	0	0	0	0	0	0	0	3	4
Cluster5710;size=17	0	1	0	0	0	0	1	0	1	0	0	1	4
Cluster5808; Elusimicrc Elusim Elusir Elusimic Elusimicrobiun	0	0	0	0	0	0	1	0	0	1	1	1	4
Cluster5812; Acidobact Acidobacteria_Gp2 Gp2	0	0	2	0	0	0	1	0	0	0	1	0	4
Cluster5898;size=35	0	0	1	1	0	0	0	0	0	1	0	1	4
Cluster5945; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	1	0	0	0	1	2	0	4
Cluster6009; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	2	0	0	1	0	0	0	1	0	4
Cluster6141;size=18	0	0	1	0	0	0	0	0	1	0	1	1	4
Cluster6234; Acidobact Acidobacteria_Gp3 Gp3	0	2	0	0	0	0	0	0	1	0	1	0	4
Cluster6260; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	1	1	0	0	1	0	4
Cluster6317;size=14	1	0	1	0	0	1	0	0	0	0	0	1	4
Cluster6440; Verrucom Subdivision3 Subdivision3_ξ	0	1	1	0	0	0	0	0	0	0	2	0	4
Cluster6476; Proteobac Gamm Xantl Sinobac Steroidobacter	1	1	0	0	0	0	0	0	0	0	0	2	4
Cluster6480; Proteobac Deltap Myxococcales	0	0	0	0	0	1	0	3	0	0	0	0	4
Cluster6509; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	1	1	1	0	0	0	1	4
Cluster6591; Firmicute: Bacilli Bacill Bacillac Bacillus	0	0	0	0	0	0	1	1	2	0	0	0	4

Cluster6710; Proteobac Alphap Rhizobiales	1	0	0	0	1	1	0	0	0	1	0	0	4
Cluster7030; Acidobact Acidobacteria_Gp3 Gp3	0	1	1	2	0	0	0	0	0	0	0	0	4
Cluster7076; Acidobact Acidobacteria_Gp3 Gp3	0	2	0	0	0	1	0	0	0	1	0	0	4
Cluster7116; Bacteroid Sphing Sphingobacteriales	1	1	0	0	0	0	0	2	0	0	0	0	4
Cluster7129; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	3	0	0	0	0	0	0	0	4
Cluster7432;size=12	0	1	0	0	0	1	0	0	0	2	0	0	4
Cluster7434; Proteobac Alphap Rhod Acetobac Acidisphaera	2	0	1	1	0	0	0	0	0	0	0	0	4
Cluster7633; Acidobact Acidobacteria_Gp3 Gp3	1	0	0	1	0	0	1	0	1	0	0	0	4
Cluster7854; Proteobac Betapr Burkholderiales	1	0	1	0	0	0	0	1	0	0	1	0	4
Cluster7860; Verrucomicrobia	1	0	2	0	0	0	0	0	0	0	0	1	4
Cluster7937; Proteobac Alphap Rhodospirillales	0	0	0	0	2	0	0	0	0	0	0	2	4
Cluster7970;size=7	1	0	0	0	0	1	0	0	1	0	1	0	4
Cluster8215;size=23	0	0	1	0	0	0	1	0	0	0	1	1	4
Cluster8233; Proteobac Betapr Burkl Burkhol Burkholderia	4	0	0	0	0	0	0	0	0	0	0	0	4
Cluster8237; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	0	2	1	0	0	0	0	4
Cluster8334; Proteobac Gamm Xantf Sinobac Steroidobacter	0	0	1	3	0	0	0	0	0	0	0	0	4
Cluster8394; Proteobac Alphap Rhodospirillales	1	0	0	0	0	0	0	0	0	0	2	1	4
Cluster8562; Proteobac Alphap Rhodospirillales	0	2	0	0	0	0	0	0	0	1	0	1	4
Cluster8812;size=44	1	0	1	0	0	0	0	1	0	0	1	0	4
Cluster9100; Verrucom Spartobacteria Spartobacteria	0	1	0	0	0	0	1	2	0	0	0	0	4
Cluster9405; Gemmatir Gemm Geml Gemma Gemmatimonac	0	2	0	0	0	0	0	0	0	0	0	2	4
Cluster9418; Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	1	1	0	0	1	0	4
Cluster9529; Proteobac Betapr Burkl Burkhol Burkholderia	0	1	0	1	0	1	0	0	0	0	0	1	4
Cluster9566; Acidobact Acidobacteria_Gp2 Gp2	0	1	1	1	0	0	0	1	0	0	0	0	4
Cluster9614; Proteobac Alphap Rhod Acetobac Acidisphaera	2	0	0	0	1	1	0	0	0	0	0	0	4
Cluster9660; Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	0	1	0	1	0	1	0	0	4
Cluster9729; Actinobac Actinobacteria	1	0	0	0	2	0	0	0	1	0	0	0	4
Cluster10012 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	2	1	0	0	1	4
Cluster10075 TM7 TM7_genera_i	0	0	1	0	0	0	0	0	1	1	1	0	4

Cluster16093 Firmicutes	0	0	2	0	0	0	0	0	0	1	1	0	4
Cluster16284 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	2	0	0	0	1	0	0	1	0	4
Cluster16381 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	1	2	0	0	0	4
Cluster16407 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	2	1	0	0	4
Cluster16534 Acidobact Acidobacteria_Gp1	0	0	0	0	0	1	0	0	0	2	1	0	4
Cluster16591 Gemmatir Gemm Gemm Gemma Gemmatimonas	0	0	0	0	0	0	0	1	1	1	1	0	4
Cluster16805 Proteobac Deltaproteobacteria	0	0	1	2	0	0	0	0	0	0	0	1	4
Cluster16846 Acidobact Acidobacteria_Gp1	0	0	2	1	0	1	0	0	0	0	0	0	4
Cluster16860 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	2	1	0	4
Cluster17047 Chloroflex Ktedon Ktedon Ktedonobacter	0	0	0	0	1	0	0	2	0	0	1	0	4
Cluster17154 Actinobac Actinol Actin Strepto Kitasatospora	0	0	1	0	0	0	0	0	1	0	1	1	4
Cluster17165 Acidobact Acidobacteria_Gp2 Gp2	0	0	2	0	0	0	1	0	0	0	1	0	4
Cluster17186 Acidobact Acidobacteria_Gp1 Gp1	0	0	2	1	0	0	0	0	0	0	1	0	4
Cluster17188 Verrucom Opirit Opirit Opirit Opirit	0	0	0	0	0	1	0	0	0	3	0	0	4
Cluster17384 Acidobact Acidobacteria_Gp1	1	1	0	1	0	0	0	0	0	1	0	0	4
Cluster17936 Acidobact Acidobacteria_Gp3	0	1	0	0	0	0	0	1	0	0	1	1	4
Cluster18083 Proteobac Alphap Rhodospirillales	1	0	0	0	0	0	0	0	0	0	3	0	4
Cluster18181 Proteobac Betapr Rhod Rhodocyclaceae	3	0	0	0	1	0	0	0	0	0	0	0	4
Cluster18344 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	2	0	0	0	0	0	0	1	0	4
Cluster18486 Acidobact Acidobacteria_Gp2 Gp2	1	2	0	0	0	0	0	0	1	0	0	0	4
Cluster18510 Bacteroid Sphing Sphir Chitinophagaceae	1	0	0	0	0	2	0	0	0	1	0	0	4
Cluster18516 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	1	0	0	2	0	4
Cluster18520 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	1	2	1	0	4
Cluster18713 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	3	0	0	0	0	0	0	0	0	4
Cluster18773 Acidobact Acidobacteria_Gp2 Gp2	2	1	0	0	1	0	0	0	0	0	0	0	4
Cluster18814 Acidobact Acidobacteria_Gp2 Gp2	0	0	2	0	0	0	1	0	1	0	0	0	4
Cluster19021 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	1	0	1	0	0	1	4
Cluster19172 Proteobac Alphap Alphaproteob Rhizomicrobiu	1	0	0	0	0	0	0	1	0	0	1	1	4
Cluster19233 Acidobact Acidobacteria_Gp3 Gp3	0	1	0	1	0	0	0	1	1	0	0	0	4

Cluster19706 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	2	0	0	0	0	1	4
Cluster19786 Proteobac Betapr Burkli Burkhol Pandoraea	0	0	0	0	0	0	2	0	0	1	1	0	4
Cluster20172 Acidobact Acidobacteria_Gp1	0	0	0	2	1	1	0	0	0	0	0	0	4
Cluster20395 Proteobac Betapr Burkli Burkhol Burkholderia	0	0	2	2	0	0	0	0	0	0	0	0	4
Cluster20425 Acidobact Acidobacteria_Gp3 Gp3	0	0	1	1	1	0	0	0	0	1	0	0	4
Cluster20634 Proteobac Gammaproteobacteria	0	0	1	1	1	0	0	0	0	0	0	1	4
Cluster21344;size=15	0	0	1	1	0	0	0	1	0	0	1	0	4
Cluster21466 Proteobac Alphap Rhodospirillales	0	0	1	3	0	0	0	0	0	0	0	0	4
Cluster21725 Acidobact Acidobacteria_Gp1	0	0	1	0	2	0	1	0	0	0	0	0	4
Cluster21783 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	2	2	0	4
Cluster21853 Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	1	1	0	1	0	4
Cluster21983 Proteobac Alphap Rhodospirillales	0	0	0	1	0	0	3	0	0	0	0	0	4
Cluster22104 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	2	0	1	0	0	4
Cluster22180 Bacteroid Sphing Sphir Chitinophagaceae	1	0	0	2	0	0	0	0	0	0	1	0	4
Cluster22271 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	1	1	1	4
Cluster22321 Chlamydia Chlamy Chlar Parachlamydiaceae	0	2	0	0	1	0	0	1	0	0	0	0	4
Cluster23857 Proteobac Alphap Caulc Caulobac Phenyllobacter	0	0	1	0	1	1	0	0	0	1	0	0	4
Cluster23878 Proteobac Gammaproteobacteria	0	0	0	0	3	1	0	0	0	0	0	0	4
Cluster24368 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	1	0	0	1	0	0	1	0	4
Cluster24594 Actinobac Actinol Actinomycetales	0	0	0	2	1	0	0	0	0	1	0	0	4
Cluster24675 Actinobac Actinol Actin Thermo Actinomadura	0	1	0	0	0	0	0	0	0	1	0	2	4
Cluster24778 Actinobac Actinol Actinomycetales	0	0	1	0	0	0	2	1	0	0	0	0	4
Cluster24807 Actinobac Actinol Actinomycetales	0	0	0	1	0	0	2	0	0	0	1	0	4
Cluster24870;size=10	0	0	0	1	0	0	0	2	0	0	1	0	4
Cluster25182 Proteobac Alphap Alphaproteobact Rhizomicrobiu	0	0	1	0	0	0	2	0	1	0	0	0	4
Cluster25742 Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	1	1	1	0	0	0	0	4
Cluster25757 Proteobac Gammaproteobacteria	0	0	0	0	1	1	0	1	0	1	0	0	4
Cluster26809 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	0	0	0	0	0	0	0	3	4
Cluster27201 Bacteroid Sphing Sphir Chitino Sediminibacteri	0	0	0	1	0	1	0	0	0	1	0	1	4

Cluster550;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	1	0	0	1	0	0	0	3
Cluster582;si Proteobac Betaproteobacteria	0	0	0	0	0	0	0	1	1	1	0	0	3
Cluster591;si Proteobac Alphap Rhodospirillales	2	0	0	0	0	0	0	0	0	0	1	0	3
Cluster598;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	1	0	1	0	0	0	3
Cluster650;si Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	0	0	1	1	0	3
Cluster661;si Proteobac Alphap Rhod Acetobacteraceae	0	0	1	1	0	0	0	0	0	0	1	0	3
Cluster664;size=28	1	1	0	0	0	0	0	0	0	1	0	0	3
Cluster766;size=12	0	0	1	1	0	0	1	0	0	0	0	0	3
Cluster769;si Actinobac Actinol Solirubrobacterales	0	0	0	0	0	0	0	0	0	1	2	0	3
Cluster792;si Chloroflex Ktedor Ktedonobacterales	1	0	0	0	0	0	0	2	0	0	0	0	3
Cluster799;si Acidobact Acidobacteria_Gp1 Gp1	0	1	0	0	0	1	0	0	1	0	0	0	3
Cluster804;si Nitrospira Nitrosq Nitro Nitrospi Nitrospira	0	1	0	0	0	0	0	0	0	0	0	2	3
Cluster852;si Proteobacteria	0	1	0	0	0	2	0	0	0	0	0	0	3
Cluster860;si Actinobac Actinol Actin Actinosj Actinospica	1	1	0	0	0	1	0	0	0	0	0	0	3
Cluster864;si Verrucom Spartobacteria Spartobacteria	0	0	0	0	0	0	0	1	0	0	1	1	3
Cluster887;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	3	0	0	3
Cluster907;si Gemmatir Gemm Gemj Gemma Gemmatimonas	0	0	0	0	0	0	0	2	0	1	0	0	3
Cluster912;si Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	1	0	1	1	0	0	0	0	0	0	3
Cluster924;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	3	0	0	3
Cluster943;si Actinobac Actinol Solirl Conexib Conexibacter	0	0	0	0	0	0	2	1	0	0	0	0	3
Cluster954;si Acidobact Acidobacteria_Gp3 Gp3	0	2	0	0	0	0	0	0	1	0	0	0	3
Cluster958;si Acidobact Acidobacteria_Gp1	0	0	1	1	1	0	0	0	0	0	0	0	3
Cluster995;si Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	1	0	1	0	0	3
Cluster1002;size=15	0	0	1	2	0	0	0	0	0	0	0	0	3
Cluster1030; Proteobac Alphaproteobacteria	1	0	0	1	0	0	0	0	0	0	1	0	3
Cluster1071; Proteobac Deltap Myxc Cystobacteraceae	0	0	1	1	0	1	0	0	0	0	0	0	3
Cluster1074; Verrucom Opitutae	2	0	0	0	0	1	0	0	0	0	0	0	3
Cluster1081; Proteobac Betapr Rhod Rhodocyclaceae	0	1	0	0	0	0	2	0	0	0	0	0	3
Cluster1090; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	1	0	0	1	0	0	0	3

Cluster1092; Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	2	0	0	3
Cluster1120; Acidobact Acidobacteria_Gp6 Gp6	1	0	0	0	1	0	1	0	0	0	0	0	3
Cluster1144; Acidobact Acidobacteria_Gp2 Gp2	0	1	1	0	0	0	0	0	0	0	0	1	3
Cluster1165; Acidobact Acidobacteria_Gp2 Gp2	0	2	0	0	0	0	0	0	0	0	0	1	3
Cluster1182; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	2	0	0	3
Cluster1198; Armatimc Armati Arma Armatin Armatimonas/	0	0	0	0	0	0	1	0	0	0	1	1	3
Cluster1207; Verrucom Opitut; Opitu Opituta Opitutus	0	1	0	0	0	1	0	0	0	1	0	0	3
Cluster1216; Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	0	1	0	0	0	0	0	2	0	0	3
Cluster1252; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	1	0	0	0	1	3
Cluster1275; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	1	1	0	0	0	0	0	3
Cluster1279; Actinobac Actinol Actinomycetales	1	0	0	0	0	0	0	0	0	1	0	1	3
Cluster1310; Gemmatir Gemm Gemı Gemma Gemmatimonad	0	0	0	0	0	0	2	1	0	0	0	0	3
Cluster1331; TM7 TM7_genera_i	0	0	0	0	2	0	0	1	0	0	0	0	3
Cluster1333; Actinobac Actinol Acidimicrobiales	0	1	0	0	0	0	0	0	1	0	0	1	3
Cluster1344; Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	0	1	0	1	0	0	0	0	3
Cluster1379;size=21	0	0	0	1	0	0	1	0	0	0	0	1	3
Cluster1388; Acidobact Acidobacteria_Gp1	0	1	1	0	0	0	0	1	0	0	0	0	3
Cluster1404; Proteobac Alphap Rhodospirillales	0	0	0	1	1	0	0	0	0	0	0	1	3
Cluster1449; Armatimonadetes Armatimonade	1	0	0	0	0	1	0	0	0	0	0	1	3
Cluster1452; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	1	0	0	0	0	0	0	0	1	3
Cluster1454; Proteobac Deltap Myxococcales	0	0	0	0	0	1	0	1	1	0	0	0	3
Cluster1491; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	1	0	2	3
Cluster1516; Proteobac Deltap Myxc Cystobacteraceae	0	0	0	0	0	0	1	1	0	0	0	1	3
Cluster1528; Chlamydi; Chlamy Chlamydiales	0	0	0	0	1	1	1	0	0	0	0	0	3
Cluster1555; Acidobact Acidobacteria_Gp1	0	0	1	0	1	0	0	0	0	0	0	1	3
Cluster1559;size=22	1	0	0	0	0	0	1	0	0	0	1	0	3
Cluster1601; Proteobac Alphaproteobacteria	0	0	0	0	0	0	1	1	0	0	0	1	3
Cluster1609; Acidobact Acidobacteria_Gp1 Gp1	0	2	0	0	0	0	0	0	0	0	0	1	3
Cluster1626; Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	1	2	0	0	0	0	0	3

Cluster1647; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	2	0	0	0	1	0	0	0	0	3
Cluster1695; Proteobac Betapr Burkli Burkhol Burkholderia	0	0	0	1	0	0	1	1	0	0	0	0	3
Cluster1717; Proteobac Alpha; Alphaproteok Rhizomicrobiu	0	1	0	0	0	0	1	0	0	0	0	1	3
Cluster1739; Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	1	0	0	0	1	0	0	1	0	0	3
Cluster1743; Proteobac Alpha; Rhodospirillales	0	0	0	0	0	0	0	0	1	1	1	0	3
Cluster1757;size=10	2	0	0	1	0	0	0	0	0	0	0	0	3
Cluster1768; Proteobacteria	0	0	0	0	0	1	1	0	1	0	0	0	3
Cluster1801;size=15	0	0	0	0	1	0	0	0	1	1	0	0	3
Cluster1820; Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	0	0	0	0	0	0	0	2	3
Cluster1860; Acidobact Acidobacteria_Gp2 Gp2	0	1	1	0	0	0	1	0	0	0	0	0	3
Cluster1912; Proteobac Gammaproteobacteria	0	0	0	0	1	0	0	0	0	0	1	1	3
Cluster1921; Acidobact Acidobacteria_Gp6 Gp6	0	2	0	0	0	0	0	1	0	0	0	0	3
Cluster1926;size=12	0	1	0	0	0	0	0	1	1	0	0	0	3
Cluster1956; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	1	0	1	3
Cluster1967; Bacteroid Sphing Sphir Chitinophagaceae	2	0	1	0	0	0	0	0	0	0	0	0	3
Cluster2013; Proteobac Gammaproteobacteria	0	0	0	0	0	2	0	0	0	1	0	0	3
Cluster2039; Proteobac Gamm Xantl Sinobac Steroidobacter	1	0	0	1	0	0	0	0	0	0	1	0	3
Cluster2043; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	1	0	0	0	0	1	3
Cluster2044; Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	1	1	0	3
Cluster2063; Proteobac Deltaproteobacteria	1	0	0	1	0	0	0	0	0	1	0	0	3
Cluster2073; Proteobac Alpha; Alphaproteok Rhizomicrobiu	0	0	0	1	0	0	1	0	0	0	1	0	3
Cluster2085; Proteobac Alpha; Rhodospirillales	0	0	0	1	0	0	0	0	0	2	0	0	3
Cluster2086; Verrucom Opitut; Opitu; Opituta Opitutus	0	2	0	0	0	0	0	0	1	0	0	0	3
Cluster2098; Acidobact Acidobacteria_Gp2 Gp2	1	1	1	0	0	0	0	0	0	0	0	0	3
Cluster2117; Proteobac Deltap Myxococcales	1	0	0	0	1	0	0	0	0	0	1	0	3
Cluster2135; Planctomycetes	0	0	0	0	0	1	0	1	0	0	1	0	3
Cluster2143; Proteobac Gamm Enter Enterobacteriaceae	0	0	0	0	0	2	1	0	0	0	0	0	3
Cluster2189; Proteobac Betapr Burkli Burkhol Burkholderia	2	0	0	0	0	0	1	0	0	0	0	0	3
Cluster2244;size=21	0	0	0	0	0	0	0	0	1	0	0	2	3

Cluster2291; Proteobac Alphap Caulc Caulobacteraceae	0	1	0	2	0	0	0	0	0	0	0	0	3
Cluster2324; Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	0	0	1	0	1	0	1	0	0	0	3
Cluster2329;size=14	2	0	0	0	0	0	0	0	0	0	0	1	3
Cluster2364; Acidobact Acidobacteria_Gp1	0	0	2	1	0	0	0	0	0	0	0	0	3
Cluster2420; Proteobac Deltap Myxococcales	0	1	0	0	2	0	0	0	0	0	0	0	3
Cluster2430; Actinobac Actinol Actinomycetales	0	0	0	0	0	1	0	0	1	0	1	0	3
Cluster2451; Elusimicrc Elusim Elusir Elusimic Elusimicrobiun	2	1	0	0	0	0	0	0	0	0	0	0	3
Cluster2474; Proteobac Betapr Burkl Burkhol Burkholderia	0	1	1	0	0	0	0	0	0	0	0	1	3
Cluster2503;size=9	0	0	0	0	0	0	0	1	0	1	0	1	3
Cluster2573; Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	2	0	1	0	0	0	0	0	3
Cluster2609; Acidobact Acidobacteria_Gp3	0	0	0	0	1	0	1	0	0	0	0	1	3
Cluster2676; Acidobact Acidobacteria_Gp1 Gp1	0	2	0	0	0	0	0	0	1	0	0	0	3
Cluster2704; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	2	0	0	0	1	3
Cluster2717; Chloroflex Ktedor Ktedonobacterales	0	2	0	0	0	0	1	0	0	0	0	0	3
Cluster2781; Chloroflex Ktedor Ktedc Thermo Thermosporot	0	0	1	0	1	1	0	0	0	0	0	0	3
Cluster2798; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	2	0	0	0	1	0	0	0	0	3
Cluster2823;size=22	1	0	0	1	0	0	0	0	0	0	0	1	3
Cluster2864; Actinobac Actinol Actin Streptomycetaceae	1	1	0	0	0	0	0	0	0	1	0	0	3
Cluster2923; Armatimonadetes Armatimonade	0	0	1	0	0	0	0	0	0	2	0	0	3
Cluster2925; Planctom Planctc Planc Plancto Singulisphaera	0	0	0	0	1	0	1	1	0	0	0	0	3
Cluster2931; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	0	0	0	0	2	0	0	0	0	1	0	3
Cluster2933; Proteobac Gamm Xantl Sinobac Steroidobacter	1	0	0	0	0	0	1	0	0	1	0	0	3
Cluster2957; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	1	0	0	1	0	0	3
Cluster3036; Acidobact Acidobacteria_Gp3 Gp3	2	0	0	0	0	1	0	0	0	0	0	0	3
Cluster3063; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	1	0	0	0	1	0	0	0	3
Cluster3076;size=11	0	0	0	0	0	0	0	0	0	1	0	2	3
Cluster3141;size=25	0	0	0	0	0	0	0	1	0	1	0	1	3
Cluster3191; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	1	2	0	3
Cluster3217; Proteobac Alphaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	2	3

Cluster3325; Acidobact Acidobacteria_Gp3	0	0	1	1	0	0	0	0	0	0	0	1	3
Cluster3352; Proteobac Alphap Rhizobiales	0	1	0	0	0	0	0	1	0	1	0	0	3
Cluster3363; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	2	0	1	0	0	0	0	3
Cluster3378; Acidobact Acidobacteria_Gp2 Gp2	0	0	2	0	0	1	0	0	0	0	0	0	3
Cluster3400; Proteobac Alphap Rhodospirillales	0	0	0	0	0	1	1	0	0	0	0	1	3
Cluster3404;size=15	0	0	0	0	0	1	0	1	0	0	0	1	3
Cluster3421; Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	1	1	0	1	0	0	0	3
Cluster3427; Verrucom Subdivision3 Subdivision3_ξ	2	0	0	0	1	0	0	0	0	0	0	0	3
Cluster3448; Planctom Planct Planct Plancto Singulisphaera	0	0	1	0	0	1	0	0	0	0	0	1	3
Cluster3449;size=14	0	0	1	1	0	0	0	0	0	0	1	0	3
Cluster3459; Proteobac Gamm Legio Coxiella Aquicella	0	2	0	0	0	0	0	0	0	0	0	1	3
Cluster3474; Actinobac Actinol Acidimicrobiales	0	0	0	0	0	1	0	1	0	0	0	1	3
Cluster3525;size=19	0	0	0	0	0	0	0	1	2	0	0	0	3
Cluster3589; Actinobac Actinol Acidimicrobiales	0	0	0	0	1	0	1	1	0	0	0	0	3
Cluster3638;size=20	0	0	0	0	0	2	0	0	0	0	0	1	3
Cluster3652; Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	0	0	0	0	0	1	1	0	0	1	3
Cluster3675; Planctom Phycis; Phyci Phycispl Phycisphaera	0	0	0	0	1	1	0	1	0	0	0	0	3
Cluster3906; Acidobact Acidobacteria_Gp1 Granulicella	0	0	0	1	1	1	0	0	0	0	0	0	3
Cluster3918; Proteobac Deltap Bdell Bdellovi Vampirovibrio	0	0	0	0	0	1	0	0	2	0	0	0	3
Cluster3920;size=4	1	1	0	1	0	0	0	0	0	0	0	0	3
Cluster3934; Verrucom Opitut; Opitu Opituta Opitutus	0	0	0	0	0	1	0	0	0	2	0	0	3
Cluster3938; Chlorobi Ignavi; Ignav Ignavib; Ignavibacteriu	0	0	0	0	0	1	1	0	0	0	1	0	3
Cluster4022;size=11	0	1	0	1	0	0	0	0	0	0	0	1	3
Cluster4156; Proteobac Alphap Rhodospirillales	0	1	0	0	0	1	1	0	0	0	0	0	3
Cluster4318; Planctomycetes	0	0	0	0	0	0	1	1	1	0	0	0	3
Cluster4458;size=14	0	0	0	1	0	0	0	0	1	0	0	1	3
Cluster4472; Proteobacteria	0	0	0	0	0	0	1	1	1	0	0	0	3
Cluster4484; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	2	0	0	0	0	3
Cluster4509; Proteobac Alphap Rhodospirillales	0	0	0	1	0	0	1	0	0	0	1	0	3

Cluster4549; Bacteroid Sphing Sphir Chitinophagaceae	0	1	0	0	0	0	0	1	0	0	0	1	3
Cluster4713; Verrucom Opitut; Opitu Opituta Opitutus	0	1	0	0	0	0	0	0	0	0	0	2	3
Cluster4758; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	2	0	0	0	0	0	1	0	0	3
Cluster4760; Verrucom Subdivision3 Subdivision3_ξ	0	0	1	0	1	0	0	0	0	1	0	0	3
Cluster4767; Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	1	0	0	0	1	0	3
Cluster4773; Proteobac Alphaproteobacteria	0	0	0	0	1	1	0	0	0	1	0	0	3
Cluster4814; Proteobac Alphap Rhod Rhodos Dongia	0	0	0	0	0	0	0	0	0	2	1	0	3
Cluster4848; Acidobact Acidobacteria_Gp2 Gp2	1	1	0	0	0	0	0	1	0	0	0	0	3
Cluster4872; Verrucom Subdivision3 Subdivision3_ξ	0	1	0	0	1	0	0	0	1	0	0	0	3
Cluster4952; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	2	0	0	3
Cluster5130; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	0	0	0	1	0	0	1	1	0	0	0	3
Cluster5168; Proteobac Alphap Rhodospirillales	0	0	1	0	1	0	1	0	0	0	0	0	3
Cluster5204; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	1	0	1	0	0	0	1	3
Cluster5331; Actinobac Actinol Acidi Acidimi Aciditerrimona	1	1	1	0	0	0	0	0	0	0	0	0	3
Cluster5379; Actinobac Actinobacteria	0	0	0	0	1	0	1	0	0	0	0	1	3
Cluster5439; Proteobac Gammaproteobacteria	0	0	0	0	1	0	1	0	1	0	0	0	3
Cluster5459; Proteobac Betapr Rhod Rhodocyclaceae	0	0	1	0	0	0	0	0	1	0	1	0	3
Cluster5471; Proteobac Alphap Rhodospirillales	1	0	0	1	0	0	0	0	1	0	0	0	3
Cluster5563; Proteobac Alphap Rhizobiales	0	1	0	1	0	0	0	0	0	0	0	1	3
Cluster5589; Planctomycetes	0	0	0	1	0	0	0	0	1	1	0	0	3
Cluster5602; Proteobac Alphap Rhizc Rhizobi; Bauldia	0	0	0	1	0	0	0	1	0	0	1	0	3
Cluster5651; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	1	0	0	1	0	0	3
Cluster5712; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	1	1	0	0	0	0	0	0	0	1	0	0	3
Cluster5747;size=11	1	0	0	0	0	1	0	1	0	0	0	0	3
Cluster5798; Proteobac Alphap Rhizc Hyphon Rhodoplanes	0	0	1	0	0	0	2	0	0	0	0	0	3
Cluster5806; Acidobact Acidobacteria_Gp3 Gp3	0	0	2	0	0	0	1	0	0	0	0	0	3
Cluster5825; Proteobac Alphap Rhizobiales	1	0	0	1	0	0	1	0	0	0	0	0	3
Cluster5849;size=9	0	0	0	0	0	0	0	0	0	3	0	0	3
Cluster5886; Verrucom Opitut; Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	0	3	0	0	3

Cluster5902; Actinobac Actinol Acidi Acidimii Aciditerrimona	0	2	0	0	0	0	0	0	0	0	0	1	3
Cluster5933;size=14	0	3	0	0	0	0	0	0	0	0	0	0	3
Cluster5934;size=3	1	0	0	2	0	0	0	0	0	0	0	0	3
Cluster5998; Proteobac Deltap Myxc Cystobacteraceae	0	1	0	0	0	1	0	0	0	0	1	0	3
Cluster6028; Acidobact Acidobacteria_Gp1	0	0	1	0	1	0	0	0	0	1	0	0	3
Cluster6290; Proteobac Alphap Rhodospirillales	0	0	0	0	0	1	0	1	0	0	1	0	3
Cluster6299; Proteobac Betapr Rhod Rhodocyclaceae	0	0	1	1	0	0	0	0	1	0	0	0	3
Cluster6369; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	2	0	0	0	0	0	0	0	0	3
Cluster6441; Acidobact Acidobacteria_Gp3	0	1	0	0	0	0	1	0	1	0	0	0	3
Cluster6687; Proteobac Deltaproteobacteria	0	2	0	0	1	0	0	0	0	0	0	0	3
Cluster6701; Verrucom Subdivision3 Subdivision3_ξ	0	0	1	0	0	1	0	0	0	0	1	0	3
Cluster6718;size=6	1	0	0	0	0	2	0	0	0	0	0	0	3
Cluster6801; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	1	1	0	1	3
Cluster6919; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	1	0	0	0	1	3
Cluster6993; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	1	0	0	1	0	0	0	1	3
Cluster7266; Acidobact Acidobacteria_Gp1	0	0	0	0	1	1	0	0	0	0	1	0	3
Cluster7313; Proteobac Deltaproteobacteria	1	0	0	0	0	0	1	0	0	0	1	0	3
Cluster7458; Proteobac Deltap Myxococcales	0	0	0	0	0	3	0	0	0	0	0	0	3
Cluster7468; Chlamydi Chlamy Chlar Parachlamydiaceae	0	0	2	1	0	0	0	0	0	0	0	0	3
Cluster7552; Verrucom Subdivision3 Subdivision3_ξ	0	0	2	1	0	0	0	0	0	0	0	0	3
Cluster7603; Acidobact Acidobacteria_Gp1 Gp1	0	1	1	0	0	0	0	0	1	0	0	0	3
Cluster7638; Proteobac Betapr Burkl Burkhol Burkholderia	0	0	3	0	0	0	0	0	0	0	0	0	3
Cluster7645; Proteobac Deltap Bdelel Bdelelovi Bdelelovibrio	0	1	1	0	0	0	0	0	0	1	0	0	3
Cluster7793; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	1	0	1	0	0	1	0	0	3
Cluster7802; Proteobac Betapr Burkl Oxalobacteraceae	0	0	0	0	0	1	0	1	0	1	0	0	3
Cluster8067; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	2	0	0	1	0	0	3
Cluster8136; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	2	0	0	3
Cluster8186; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	2	0	1	0	0	0	0	0	0	0	3
Cluster8272; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	0	2	0	0	0	0	0	3

Cluster8296;size=4	1	0	0	0	0	1	0	0	0	0	1	3
Cluster8328; Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	0	0	0	1	1	0	0	0	1	3
Cluster8419; Proteobac Alphap Rhodospirillales	1	0	0	1	0	0	1	0	0	0	0	3
Cluster8468; Proteobac Deltaproteobacteria	0	0	0	0	0	1	0	0	1	0	1	3
Cluster8473; Proteobac Alphaproteobacteria	0	0	0	0	1	0	0	0	0	0	2	3
Cluster8480; Proteobac Alphap Rhodospirillales	0	1	0	1	0	0	0	0	0	0	1	3
Cluster8553; Acidobact Acidobacteria_Gp1	1	0	0	0	2	0	0	0	0	0	0	3
Cluster8637; Proteobac Deltap Myxc Cystobacteraceae	0	0	0	0	0	0	1	0	0	1	1	3
Cluster8650; Acidobacteria	0	0	2	1	0	0	0	0	0	0	0	3
Cluster8662; Proteobac Alphap Rhodospirillales	0	0	0	0	2	0	0	0	1	0	0	3
Cluster8721; Verrucom Opitut; Opitu Opituta Opitutus	0	0	0	0	0	1	0	0	0	2	0	3
Cluster8732;size=3	0	0	0	0	1	0	1	0	0	0	1	3
Cluster8827; Proteobac Alphap Rhodospirillales	0	0	0	0	1	0	1	0	0	0	0	3
Cluster8834; Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	1	0	1	3
Cluster8922; Acidobact Acidobacteria_Gp2 Gp2	0	2	0	0	0	0	0	1	0	0	0	3
Cluster8997; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	1	0	0	0	1	0	0	0	3
Cluster9031; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	1	0	0	0	0	3
Cluster9068;size=13	0	1	0	0	0	0	0	0	1	0	0	3
Cluster9119; Proteobac Alphaproteobacteria	0	0	0	0	0	0	1	2	0	0	0	3
Cluster9139; Proteobac Betapr Burkholderiales	0	0	0	1	0	0	1	1	0	0	0	3
Cluster9164; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	1	0	1	0	0	0	1	0	0	0	3
Cluster9235;size=38	0	1	0	0	0	0	0	0	0	1	1	3
Cluster9328;size=5	1	0	0	0	0	0	0	1	0	0	1	3
Cluster9329; Actinobac Actinol Actin Mycoba Mycobacteriur	0	0	2	1	0	0	0	0	0	0	0	3
Cluster9351; Proteobac Deltap Myxococcales	0	2	0	0	0	0	0	0	0	0	1	3
Cluster9482; Acidobact Acidobacteria_Gp3 Gp3	1	0	1	0	0	0	1	0	0	0	0	3
Cluster9536; Acidobact Acidobacteria_Gp1	0	0	2	1	0	0	0	0	0	0	0	3
Cluster9627; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	3	0	0	0	0	3
Cluster9634; Acidobacteria	0	0	0	1	1	0	0	0	0	0	1	3

Cluster9643; Proteobac Betaproteobacteria	1	1	0	0	0	0	0	0	0	0	0	1	3
Cluster9675; Bacteroid Sphing Sphir Chitinophagaceae	1	0	0	0	0	0	0	2	0	0	0	0	3
Cluster9689; Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	2	0	0	0	3
Cluster9749; Bacteroid Sphing Sphir Sphingo Mucilagibact	0	0	1	0	1	0	0	0	0	1	0	0	3
Cluster9784; Actinobac Actinol Actin Propion Propionibacter	1	0	0	0	0	0	0	1	0	0	0	1	3
Cluster9895;size=5	0	0	2	0	0	0	1	0	0	0	0	0	3
Cluster10237 Acidobact Acidobacteria_Gp1	0	0	2	1	0	0	0	0	0	0	0	0	3
Cluster10437 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	1	0	0	1	0	3
Cluster10566 Acidobact Acidobacteria_Gp3	0	0	0	1	1	0	0	0	0	0	0	1	3
Cluster10579 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	0	1	1	0	0	0	0	3
Cluster10601 Acidobacteria	1	0	0	0	0	2	0	0	0	0	0	0	3
Cluster10773;size=4	0	0	0	0	0	1	2	0	0	0	0	0	3
Cluster10809 Acidobact Acidobacteria_Gp3	0	0	0	1	0	0	0	1	0	0	1	0	3
Cluster10847 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	1	0	0	1	0	0	3
Cluster10848 Proteobac Deltap Myxococcales	0	0	1	0	0	0	1	0	0	0	0	1	3
Cluster10960 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	1	1	0	0	1	0	0	0	3
Cluster11133 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	0	0	0	0	0	2	0	0	3
Cluster11268 Proteobac Deltaproteobacteria	0	1	0	0	0	1	1	0	0	0	0	0	3
Cluster11295 Gemmatir Gemm Gemı Gemma Gemmatimonad	0	0	0	0	2	0	0	0	0	1	0	0	3
Cluster11467 Proteobac Alphap Rhizobiales	0	1	0	0	0	0	0	0	1	0	1	0	3
Cluster11654 Proteobac Deltap Myxococcales	0	0	0	0	0	0	0	1	2	0	0	0	3
Cluster11670 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	2	1	0	0	0	0	3
Cluster11682 Acidobact Acidobacteria_Gp10 Gp10	0	0	0	1	0	0	0	0	1	0	1	0	3
Cluster11805;size=14	0	1	0	0	0	0	2	0	0	0	0	0	3
Cluster11848;size=10	0	1	0	0	0	0	0	0	0	0	2	0	3
Cluster11905 Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	1	0	0	0	1	1	0	0	0	0	3
Cluster11941 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	1	0	1	0	0	0	3
Cluster11958 Acidobact Acidobacteria_Gp1 Granulicella	0	0	0	0	0	0	0	0	0	1	1	1	3
Cluster12057 Armatimonadetes Armatimonade	0	0	0	0	1	0	0	0	1	1	0	0	3

Cluster12149	Acidobact	Acidobacteria_Gp1	0	1	1	0	0	0	0	1	0	0	0	3	
Cluster12182	Acidobact	Acidobacteria_Gp1 Gp1	0	0	1	0	0	1	0	0	0	1	0	3	
Cluster12206	Acidobact	Acidobacteria_Gp3 Gp3	0	0	0	0	0	2	0	0	1	0	0	3	
Cluster12487	Gemmatir	Gemm Gemı Gemma Gemmatimonas	0	0	0	0	0	1	0	0	1	0	1	0	3
Cluster12499	Proteobac	Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	1	0	0	2	0	0	3
Cluster12607	Acidobact	Acidobacteria_Gp1 Gp1	0	0	2	0	1	0	0	0	0	0	0	0	3
Cluster12640	Acidobacteria		0	0	0	2	0	0	0	0	0	0	1	0	3
Cluster12676	Acidobact	Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	2	3
Cluster12902	Actinobac	Actinol Acidimicrobiales	0	0	0	0	1	0	0	0	0	1	0	1	3
Cluster13040	Acidobact	Acidobacteria_Gp3 Bryobacter	0	0	1	1	0	0	1	0	0	0	0	0	3
Cluster13117	Proteobac	Gamm Xantl Sinobac Steroidobacter	0	0	1	2	0	0	0	0	0	0	0	0	3
Cluster13182	;size=3		0	0	2	0	0	0	0	0	0	0	1	0	3
Cluster13424	Acidobact	Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	1	0	0	0	0	1	3
Cluster13686	Proteobac	Gamm Xantl Sinobac Nevskia	0	0	1	0	1	0	0	0	0	0	0	1	3
Cluster13747	Actinobac	Actinol Solirt Conexib Conexibacter	0	0	0	0	0	0	0	0	0	1	2	0	3
Cluster13851	Acidobact	Acidobacteria_Gp2 Gp2	0	0	1	0	1	0	0	0	0	0	1	0	3
Cluster13876	Proteobac	Deltap Myxococcales	0	0	0	0	0	2	0	0	0	0	0	1	3
Cluster13950	Acidobacteria		0	0	1	0	0	0	1	0	0	0	1	0	3
Cluster14172	;size=9		0	0	0	0	0	0	0	0	0	3	0	0	3
Cluster14198	Acidobact	Acidobacteria_Gp2 Gp2	0	0	1	1	0	0	0	0	0	0	1	0	3
Cluster14212	Acidobact	Acidobacteria_Gp1 Gp1	2	0	1	0	0	0	0	0	0	0	0	0	3
Cluster14411	Acidobact	Acidobacteria_Gp3 Gp3	0	1	0	0	0	1	1	0	0	0	0	0	3
Cluster14424	Acidobact	Acidobacteria_Gp1	1	0	0	0	2	0	0	0	0	0	0	0	3
Cluster14514	Acidobact	Acidobacteria_Gp1	0	0	1	1	0	1	0	0	0	0	0	0	3
Cluster14524	Acidobact	Acidobacteria_Gp2 Gp2	0	1	0	1	1	0	0	0	0	0	0	0	3
Cluster14554	;size=15		0	0	0	1	2	0	0	0	0	0	0	0	3
Cluster14580	Acidobact	Acidobacteria_Gp1 Gp1	0	1	0	1	0	0	0	0	0	0	1	0	3
Cluster14595	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	2	1	0	0	0	3
Cluster14628	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	1	0	0	1	3

Cluster14654	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	1	0	1	0	3
Cluster14755	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	2	1	0	0	0	0	0	0	3
Cluster14772	Actinobac	Actinob	Actinomycetales	0	0	0	0	0	0	0	2	1	0	0	0	3
Cluster14848	Acidobact	Acidobacteria_Gp1	Gp1	0	1	0	0	0	0	0	2	0	0	0	0	3
Cluster14900	Acidobacteria			0	0	1	0	1	0	0	0	0	0	0	1	3
Cluster14911	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	1	2	0	0	0	0	3
Cluster14927	Proteobac	Alphap	Rhizobiales	0	0	0	0	0	0	2	0	0	0	0	1	3
Cluster15004	Chloroflex	Ktedor	Ktedo	0	0	0	0	0	0	0	2	0	0	1	0	3
Cluster15030	Proteobac	Deltap	Bdell	0	0	0	0	0	0	0	0	0	3	0	0	3
Cluster15139	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	3	0	0	0	3
Cluster15178	Acidobact	Acidobacteria_Gp2	Gp2	0	0	1	1	0	0	0	1	0	0	0	0	3
Cluster15197	;size=15			0	0	0	0	1	0	0	0	1	0	0	1	3
Cluster15208	Acidobact	Acidobacteria_Gp1	Gp1	1	0	0	0	0	1	0	0	0	0	0	1	3
Cluster15210	Acidobact	Acidobacteria_Gp1		0	0	0	1	0	0	0	0	0	0	0	2	3
Cluster15299	Acidobact	Acidobacteria_Gp1		0	2	0	0	0	0	0	1	0	0	0	0	3
Cluster15544	Firmicute:	Bacilli	Bacill	0	3	0	0	0	0	0	0	0	0	0	0	3
Cluster15575	Proteobac	Alphap	Rhizc	0	1	0	0	0	1	1	0	0	0	0	0	3
Cluster15721	Acidobact	Acidobacteria_Gp1	Granulicella	0	0	0	2	1	0	0	0	0	0	0	0	3
Cluster15791	;size=10			0	1	0	0	0	0	1	1	0	0	0	0	3
Cluster15861	Acidobact	Acidobacteria_Gp5	Gp5	0	0	0	0	2	0	0	0	0	1	0	0	3
Cluster15984	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	1	0	0	0	2	0	0	0	3
Cluster16030	Gemmatir	Gemm	Gem	0	0	0	1	0	0	0	0	0	1	1	0	3
Cluster16133	Proteobac	Betapr	Burkl	0	0	2	0	1	0	0	0	0	0	0	0	3
Cluster16247	Acidobact	Acidobacteria_Gp1		0	0	1	2	0	0	0	0	0	0	0	0	3
Cluster16321	Acidobact	Acidobacteria_Gp1	Granulicella	0	0	2	0	0	0	0	0	0	1	0	0	3
Cluster16416	Acidobact	Acidobacteria_Gp1		0	0	1	1	0	0	0	0	0	0	1	0	3
Cluster16571	Proteobacteria			2	0	0	0	1	0	0	0	0	0	0	0	3
Cluster16671	Proteobac	Alphaproteobacteria		0	0	2	1	0	0	0	0	0	0	0	0	3
Cluster16901	Chlamydi:	Chlamy	Chlar	0	0	0	1	0	0	1	0	0	0	1	0	3

Cluster17000;size=7	1	0	0	0	0	0	0	1	0	0	1	0	3
Cluster17023;size=7	1	0	0	0	0	0	0	1	0	0	1	0	3
Cluster17088 Proteobac Alphap Rhizobiales	1	0	0	2	0	0	0	0	0	0	0	0	3
Cluster17138 Acidobact Acidobacteria_Gp1	0	0	0	1	0	1	0	0	0	0	0	1	3
Cluster17175 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	0	0	2	0	0	3
Cluster17471 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	3	0	0	3
Cluster17492 Acidobact Acidobacteria_Gp1	0	1	0	0	0	0	1	0	0	0	1	0	3
Cluster17516 Proteobac Deltap Bdell Bdellovi Vampirovibrio	0	1	0	0	0	0	0	0	1	0	0	1	3
Cluster17680 Actinobac Actinol Solirl Conexib Conexibacter	0	0	0	0	1	0	1	0	0	0	0	1	3
Cluster17721 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	1	0	0	0	0	0	0	1	0	3
Cluster17731;size=5	0	0	0	0	0	1	0	2	0	0	0	0	3
Cluster17817 Proteobac Gammaproteobacteria	0	0	0	1	1	0	0	1	0	0	0	0	3
Cluster18041 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	2	1	0	3
Cluster18047;size=13	0	0	1	0	1	0	0	0	0	1	0	0	3
Cluster18099 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	1	0	1	0	0	1	3
Cluster18118 OP11 OP11_genera_	1	1	0	0	0	0	1	0	0	0	0	0	3
Cluster18122 Verrucom Opitut: Opitu Opituta Opitutus	0	0	1	0	0	1	0	0	0	0	1	0	3
Cluster18208 Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	1	1	0	0	0	0	0	0	1	0	3
Cluster18247 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	1	0	0	1	0	3
Cluster18383 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	1	0	0	0	0	0	0	1	0	3
Cluster18445 Actinobac Actinol Solirl Conexib Conexibacter	0	1	0	0	0	0	0	0	0	0	2	0	3
Cluster18482 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	1	1	0	3
Cluster18535 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	2	0	0	0	1	0	0	0	3
Cluster18565 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	2	0	0	0	0	0	0	0	3
Cluster18583 Acidobact Acidobacteria_Gp1	0	0	1	1	1	0	0	0	0	0	0	0	3
Cluster18628 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	2	0	0	0	0	3
Cluster18667 Proteobac Gammaproteobacteria	1	0	0	0	0	0	1	0	0	0	0	1	3
Cluster18757 Proteobac Alphap Rhizobiales	0	1	0	0	0	0	0	0	0	0	1	1	3
Cluster18769 Acidobact Acidobacteria_Gp1 Granulicella	0	0	0	0	1	1	0	0	0	0	0	1	3

Cluster1878C Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	1	1	0	0	0	0	0	3
Cluster1882C Acidobacteria	0	0	0	1	0	0	1	0	1	0	0	0	3
Cluster1884E Acidobact Acidobacteria_Gp3	0	1	0	0	0	0	0	0	0	1	0	1	3
Cluster18854 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	2	0	0	0	1	0	0	3
Cluster19002 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	2	1	0	3
Cluster19095 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	2	0	0	0	0	0	0	0	1	3
Cluster1912E Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	2	0	0	3
Cluster19146;size=10	1	0	0	1	0	0	1	0	0	0	0	0	3
Cluster1926C Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	1	0	0	0	1	3
Cluster1928C Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	2	0	3
Cluster19384 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	0	0	0	1	1	0	1	0	3
Cluster19495 Proteobac Alphap Caulc Caulobæ Phenylobacter	1	0	0	0	1	0	0	0	0	1	0	0	3
Cluster1956E Acidobacteria	0	1	0	0	0	1	1	0	0	0	0	0	3
Cluster1975C Proteobac Alphap Rhod Acetobacteraceae	0	0	2	0	0	0	0	0	0	1	0	0	3
Cluster1976E Acidobact Acidobacteria_Gp3	1	0	0	1	0	1	0	0	0	0	0	0	3
Cluster19831 Acidobact Acidobacteria_Gp1	0	0	0	2	0	0	0	0	0	0	0	1	3
Cluster1985E Actinobac Actinol Actinomycetales	0	0	0	0	2	1	0	0	0	0	0	0	3
Cluster19925 Acidobact Acidobacteria_Gp3 Gp3	0	0	1	1	1	0	0	0	0	0	0	0	3
Cluster19977 Proteobac Gamm Legio Legione Legionella	1	0	0	1	0	0	1	0	0	0	0	0	3
Cluster20054 Acidobact Acidobacteria_Gp3 Gp3	2	0	1	0	0	0	0	0	0	0	0	0	3
Cluster2011E Proteobac Alphap Rhod Acetobæ Acidisphaera	0	0	1	1	1	0	0	0	0	0	0	0	3
Cluster20177 Actinobac Actinol Acidi Acidimii Aciditerrimonæ	0	0	1	0	0	1	1	0	0	0	0	0	3
Cluster20361 Proteobac Gammaproteobacteria	0	1	0	0	0	2	0	0	0	0	0	0	3
Cluster2036E Proteobac Alphap Rhod Acetobæ Acidisphaera	1	0	1	1	0	0	0	0	0	0	0	0	3
Cluster20374 Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	1	1	0	0	0	0	0	1	0	0	3
Cluster20382 Proteobac Betapr Burkl Oxalobacteraceae	0	0	0	0	1	1	1	0	0	0	0	0	3
Cluster2044C Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	2	1	0	0	0	0	0	0	3
Cluster20445 Acidobact Acidobacteria_Gp1	0	0	2	1	0	0	0	0	0	0	0	0	3
Cluster20493 Acidobact Acidobacteria_Gp3 Gp3	2	0	0	0	0	0	1	0	0	0	0	0	3

Cluster20538 Proteobac Alphaproteobacteria Rhizomicrobiu	0	0	0	1	1	0	1	0	0	0	0	3
Cluster20580 Proteobac Betaproteobacteria	1	0	0	1	1	0	0	0	0	0	0	3
Cluster20644 Acidobact Acidobacteria_Gp6 Gp6	0	0	0	1	1	0	0	0	0	1	0	3
Cluster20723 Proteobac Gammaproteobacteria Sinobac Steroidobacter	1	0	0	0	1	1	0	0	0	0	0	3
Cluster20820 Proteobac Alphaproteobacteria	0	2	0	0	1	0	0	0	0	0	0	3
Cluster20821 Actinobac Actinobacteria Acidimicrobiales	0	0	0	0	0	0	2	0	0	0	1	3
Cluster20827 Acidobact Acidobacteria_Gp3 Gp3	0	0	1	0	1	0	0	0	0	1	0	3
Cluster20835 Acidobact Acidobacteria_Gp1	0	0	0	1	0	1	0	1	0	0	0	3
Cluster20839 Verrucom Omituta Omituta Omituta	1	1	0	0	0	0	1	0	0	0	0	3
Cluster21044 Proteobac Alphaproteobacteria Caulobacteraceae	1	0	0	1	0	0	0	0	1	0	0	3
Cluster21073 Actinobac Actinobacteria	1	0	0	0	2	0	0	0	0	0	0	3
Cluster21087;size=13	0	0	0	0	0	0	3	0	0	0	0	3
Cluster21265 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	1	0	0	1	0	3
Cluster21423 Chlamydia Chlamydia Parachlamydiaceae	1	0	0	0	0	1	1	0	0	0	0	3
Cluster21629 Actinobac Actinobacteria Acidimicrobiales	0	2	0	0	0	0	0	0	1	0	0	3
Cluster21751 Proteobac Gammaproteobacteria	0	0	1	1	1	0	0	0	0	0	0	3
Cluster21762 Proteobac Alphaproteobacteria Xanthomonadaceae Pseudolabrys	1	0	1	1	0	0	0	0	0	0	0	3
Cluster21766 Verrucom Omituta Omituta Omituta	0	0	0	1	0	0	0	0	2	0	0	3
Cluster21830 Actinobac Actinobacteria Actinomycetales	0	0	0	0	0	0	0	0	2	1	0	3
Cluster21831 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	0	0	2	0	3
Cluster22053 Acidobact Acidobacteria_Gp6 Gp6	0	0	0	0	0	1	0	1	0	1	0	3
Cluster22091 Proteobac Alphaproteobacteria	0	0	1	2	0	0	0	0	0	0	0	3
Cluster22317 Acidobact Acidobacteria_Gp1	0	1	0	0	0	0	0	1	1	0	0	3
Cluster22335;size=13	0	2	0	0	0	0	0	0	0	0	1	3
Cluster22351;size=4	0	0	1	0	0	0	1	0	0	0	1	3
Cluster22386 Proteobac Gammaproteobacteria Sinobac Steroidobacter	1	0	1	1	0	0	0	0	0	0	0	3
Cluster22644 Actinobac Actinobacteria Solirubacter Conexibacter	1	0	1	0	0	0	1	0	0	0	0	3
Cluster22654 Proteobac Gammaproteobacteria	2	0	0	0	0	0	0	0	0	1	0	3
Cluster22656 Proteobac Alphaproteobacteria Rhodospirillaceae	1	0	0	0	2	0	0	0	0	0	0	3

Cluster22725	Proteobac	Alphap	Rhod	Acetobacteraceae	0	0	0	1	2	0	0	0	0	0	0	0	0	3
Cluster22793	Proteobac	Alphap	Rhod	Acetobacteraceae	0	0	0	0	1	0	0	0	0	2	0	0	0	3
Cluster22928	Acidobact	Acidobacteria	Gp13	Gp13	1	0	0	0	0	1	0	0	1	0	0	0	0	3
Cluster22979	Actinobac	Actinol	Actinomycetales		0	0	2	0	0	0	0	0	0	0	1	0	0	3
Cluster22985	Proteobac	Alphaproteobacteria			0	0	1	0	0	2	0	0	0	0	0	0	0	3
Cluster23215	Proteobac	Alphap	Caulc	Caulobacteraceae	0	0	0	0	0	0	0	0	1	0	2	0	0	3
Cluster23308	Acidobact	Acidobacteria	Gp3	Gp3	0	0	0	0	1	2	0	0	0	0	0	0	0	3
Cluster23380	Bacteroid	Sphing	Sphir	Sphingo Mucilaginibact	1	0	0	0	1	0	0	0	0	1	0	0	0	3
Cluster23426	Proteobac	Gamm	Pseu	Pseudo	Pseudomonas	0	0	0	0	0	3	0	0	0	0	0	0	3
Cluster23428	Proteobac	Gamm	Xant	Sinobac Nevskia	0	0	0	0	0	1	2	0	0	0	0	0	0	3
Cluster23968	Actinobac	Actinol	Solirubrobacterales		0	0	0	0	0	0	0	1	1	1	0	0	0	3
Cluster24089	Actinobac	Actinol	Actin	Mycoba Mycobacteriur	0	0	0	0	2	0	0	0	0	0	1	0	0	3
Cluster24097	Bacteroid	Sphing	Sphir	Sphingo Mucilaginibact	0	0	0	0	0	0	0	3	0	0	0	0	0	3
Cluster24178	Proteobac	Gamm	aproteobacteria		0	0	0	0	1	0	0	0	0	2	0	0	0	3
Cluster24215	Acidobact	Acidobacteria	Gp1		0	0	0	0	2	0	0	0	0	1	0	0	0	3
Cluster24406	Bacteroid	Sphing	Sphir	Sphingo Mucilaginibact	2	0	0	0	0	0	0	1	0	0	0	0	0	3
Cluster24573	Proteobac	Alphap	Rhizobiales		0	0	1	0	2	0	0	0	0	0	0	0	0	3
Cluster24599	Proteobac	Gamm	Pseu	Pseudo	Pseudomonas	0	0	1	0	0	0	0	1	0	0	1	0	3
Cluster24678	size=5				1	0	0	0	0	0	1	1	0	0	0	0	0	3
Cluster24754	Proteobac	Alphap	Rhizobiales		0	0	1	1	1	0	0	0	0	0	0	0	0	3
Cluster24817	Proteobac	Gamm	Pseu	Pseudo	Pseudomonas	0	0	1	0	1	0	1	0	0	0	0	0	3
Cluster25023	Actinobac	Actinobacteria			0	0	2	0	0	0	0	0	0	1	0	0	0	3
Cluster25050	Bacteroid	Sphing	Sphir	Chitinophagaceae	0	0	1	0	0	0	1	0	0	1	0	0	0	3
Cluster25053	Actinobac	Actinol	Acidi	Acidimii Aciditerrimona	0	0	0	1	0	0	1	0	0	1	0	0	0	3
Cluster25118	Actinobac	Actinol	Actinomycetales		0	0	0	0	0	1	1	1	0	0	0	0	0	3
Cluster25229	Acidobact	Acidobacteria	Gp3	Gp3	0	0	1	0	1	0	0	1	0	0	0	0	0	3
Cluster25326	Proteobac	Alphaproteobacteria			1	0	1	0	1	0	0	0	0	0	0	0	0	3
Cluster25399	Bacteroid	Sphing	Sphir	Sphingobacteriaceae	0	0	2	0	0	0	0	0	0	0	1	0	0	3
Cluster25420	Proteobac	Gamm	Enter	Enterobacteriaceae	1	0	0	1	0	0	0	1	0	0	0	0	0	3

Cluster25471 Actinobac Actinol Acidimicrobiales	0	0	1	0	0	0	0	1	0	0	1	0	3
Cluster25694 Actinobac Actinol Actin Catenul Catenulispora	0	0	0	0	0	0	0	1	0	0	1	1	3
Cluster25729 Actinobac Actinol Actinomycetales	1	0	0	0	0	0	0	0	1	0	1	0	3
Cluster26235 Proteobac Alphaproteobacteria	0	0	1	1	0	0	0	0	0	0	1	0	3
Cluster26334 Proteobac Deltap Bdell Bdellovi Bdellovibrio	1	0	0	1	0	0	0	0	0	1	0	0	3
Cluster26710 Bacteroid Sphing Sphir Chitino Sediminibacteri	1	0	1	0	0	0	0	0	0	0	1	0	3
Cluster26744 Bacteroid Sphing Sphir Chitino Ferruginibacte	2	0	0	0	0	0	1	0	0	0	0	0	3
Cluster26846;size=16	0	0	1	0	0	0	0	1	0	0	1	0	3
Cluster26913 Acidobacteria	0	1	0	0	0	0	1	0	0	0	0	1	3
Cluster26945 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	0	0	1	0	1	3
Cluster27243 Bacteroid Sphing Sphir Chitinophagaceae	0	0	3	0	0	0	0	0	0	0	0	0	3
Cluster27396 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	1	0	1	0	1	0	0	0	0	3
Cluster27402;size=5	0	0	0	0	0	0	1	0	0	0	2	0	3
Cluster27431 Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	2	0	0	0	1	0	0	0	0	0	3
Cluster27747 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	1	0	1	0	1	0	0	0	0	3
Cluster27879 Bacteroid Sphing Sphingobacteriales	0	0	0	0	0	0	1	0	0	2	0	0	3
Cluster28109;size=10	0	0	0	0	1	0	0	1	0	0	0	1	3
Cluster28265 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	1	0	1	0	1	0	0	0	0	3
Cluster28266 Actinobac Actinol Actinomycetales	0	0	1	0	0	0	0	0	0	2	0	0	3
Cluster28826 Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	0	0	2	1	0	0	0	0	0	0	3
Cluster29032 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	1	0	0	0	0	0	0	1	0	0	1	3
Cluster29183 Actinobac Actinobacteria	0	0	0	1	1	0	0	1	0	0	0	0	3
Cluster29219 Bacteroidetes	0	0	1	0	0	0	0	2	0	0	0	0	3
Cluster29259 Actinobac Actinol Actinomycetales	0	1	0	0	0	0	1	1	0	0	0	0	3
Cluster29290 Bacteroid Sphing Sphir Sphingo Mucilaginibact	1	0	1	0	0	0	0	0	1	0	0	0	3
Cluster29324 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	1	0	1	0	1	0	0	0	0	0	0	3
Cluster29499 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	0	0	0	0	1	1	1	3
Cluster17;size Acidobact Acidobacteria_Gp10 Gp10	0	0	0	0	0	0	0	1	0	0	0	1	2
Cluster22;size Acidobact Acidobacteria_Gp1	0	1	0	0	0	0	0	1	0	0	0	0	2

Cluster418;si Acidobact Acidobacteria_Gp3	0	0	0	0	0	1	0	0	0	1	0	0	2
Cluster450;si Acidobact Acidobacteria_Gp3	0	1	0	0	0	0	0	0	1	0	0	0	2
Cluster457;si Verrucom Opitut; Opitu Opituta Opitutus	1	0	0	0	0	0	0	0	0	1	0	0	2
Cluster489;si Acidobact Acidobacteria_Gp1	0	1	1	0	0	0	0	0	0	0	0	0	2
Cluster528;si Acidobact Acidobacteria_Gp1 Gp1	0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster529;si Proteobac Betaproteobacteria	0	2	0	0	0	0	0	0	0	0	0	0	2
Cluster546;si Acidobact Acidobacteria_Gp1 Gp1	0	1	0	0	1	0	0	0	0	0	0	0	2
Cluster557;si Proteobac Deltap Myxc Cystoba Anaeromyxoba	1	0	1	0	0	0	0	0	0	0	0	0	2
Cluster559;si Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	1	0	0	0	0	0	0	0	2
Cluster572;si Acidobact Acidobacteria_Gp10 Gp10	0	0	0	1	0	0	0	0	1	0	0	0	2
Cluster578;si Acidobact Acidobacteria_Gp2 Gp2	1	0	0	1	0	0	0	0	0	0	0	0	2
Cluster594;si Proteobac Alphap Alphaproteob Rhizomicrobiu	0	0	0	1	0	0	1	0	0	0	0	0	2
Cluster595;si Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster602;si Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	1	0	0	0	2
Cluster603;si Acidobact Acidobacteria_Gp1	1	0	0	1	0	0	0	0	0	0	0	0	2
Cluster604;size=2	1	0	0	0	0	1	0	0	0	0	0	0	2
Cluster626;si Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster634;si Proteobac Deltaproteobacteria	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster654;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	2	0	2
Cluster671;size=7	0	0	0	0	1	0	0	0	0	1	0	0	2
Cluster672;si Proteobac Alphap Rhizobiales	0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster673;si Acidobact Acidobacteria_Gp1 Gp1	1	0	0	1	0	0	0	0	0	0	0	0	2
Cluster686;si Proteobac Gamm Legio Coxiella Aquicella	0	0	1	0	0	0	0	0	1	0	0	0	2
Cluster687;si Acidobact Acidobacteria_Gp3	1	0	0	0	0	0	0	0	0	0	1	0	2
Cluster692;si Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	1	2
Cluster715;si Proteobac Alphap Rhod Acetobacteraceae	0	0	0	1	0	0	0	0	0	0	1	0	2
Cluster732;si Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	1	0	0	0	2
Cluster733;si Acidobact Acidobacteria_Gp1 Terriglobus	0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster738;size=21	0	0	0	0	0	0	2	0	0	0	0	0	2

Cluster1578; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	1	0	0	0	0	0	0	2
Cluster1579; size=9	0	1	0	0	0	0	0	0	0	0	1	0	2
Cluster1591; Acidobact Acidobacteria_Gp3	0	0	1	0	0	0	0	0	0	0	1	0	2
Cluster1597; size=11	0	0	0	0	1	0	0	1	0	0	0	0	2
Cluster1603; Proteobac Alphap Rhizc Beijerinckiaceae	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster1604; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	1	0	2
Cluster1616; Proteobac Alphap Rhizobiales	1	0	0	0	0	1	0	0	0	0	0	0	2
Cluster1637; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster1641; Bacteroid Sphing Sphir Chitinophagaceae	1	0	0	0	0	0	0	0	0	0	1	0	2
Cluster1643; size=7	1	0	1	0	0	0	0	0	0	0	0	0	2
Cluster1645; Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	1	0	0	0	1	0	0	2
Cluster1658; Acidobact Acidobacteria_Gp1 Granulicella	0	0	1	0	0	0	0	0	0	0	1	0	2
Cluster1661; Verrucom Subdivision3 Subdivision3_ε	0	0	0	1	0	0	1	0	0	0	0	0	2
Cluster1667; Actinobac Actinol Actinomycetales	0	0	0	0	1	1	0	0	0	0	0	0	2
Cluster1678; Verrucom Opitut; Opitit Opituta Opitutus	0	1	0	0	0	0	0	0	0	0	0	1	2
Cluster1703; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	0	1	2
Cluster1710; Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	1	2
Cluster1711; Proteobac Alphap Rhizc Rhizobi; Bauldia	0	0	0	0	1	0	0	1	0	0	0	0	2
Cluster1731; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	1	2
Cluster1733; Acidobact Acidobacteria_Gp3	0	0	0	0	1	0	0	0	0	0	0	1	2
Cluster1762; Proteobac Gammaproteobacteria	0	0	0	0	0	1	0	0	0	1	0	0	2
Cluster1764; Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	1	0	0	0	0	0	0	0	1	0	2
Cluster1778; Proteobac Gammaproteobacteria	0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster1806; Proteobac Alphap Rhod Acetobacteraceae	0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster1817; size=4	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster1827; Proteobac Deltap Bdeff Bdeff Bdeff Bdeff	0	1	0	1	0	0	0	0	0	0	0	0	2
Cluster1835; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster1836; Proteobac Alphap Caulc Caulobacteraceae	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster1849; Proteobac Gamm Xantl Sinobac Steroidobacter	0	1	0	0	0	0	0	0	0	1	0	0	2

Cluster2303; Acidobacteria	1	0	0	0	0	0	0	1	0	0	0	0	2
Cluster2310; Actinobac Actinol Actinomycetales	0	1	0	0	0	1	0	0	0	0	0	0	2
Cluster2318; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	2	0	0	2
Cluster2343; Acidobacteria	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster2354; size=5	0	1	0	0	0	0	1	0	0	0	0	0	2
Cluster2358; Bacteroid Sphing Sphir Sphingo Mucilaginibact	1	0	0	0	0	0	0	0	1	0	0	0	2
Cluster2406; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	1	0	0	0	0	0	0	2
Cluster2407; Acidobact Acidobacteria_Gp1 Gp1	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster2417; Planctom Planct Planct Plancto Zavarzinella	0	1	0	0	0	0	1	0	0	0	0	0	2
Cluster2423; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	1	0	0	0	2
Cluster2434; Proteobac Alphap Rhodospirillales	0	0	1	0	0	0	0	0	0	0	1	0	2
Cluster2447; Proteobac Alphap Rhod Acetobacteraceae	0	1	0	0	0	0	0	0	0	0	0	1	2
Cluster2466; Acidobact Acidobacteria_Gp2 Gp2	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster2469; Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	1	0	0	0	0	0	1	2
Cluster2472; Proteobac Betapr Rhod Rhodocyclaceae	0	0	1	0	0	1	0	0	0	0	0	0	2
Cluster2498; Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	1	0	0	0	0	0	2
Cluster2533; size=8	0	0	0	1	0	0	0	0	1	0	0	0	2
Cluster2537; Bacteroid Sphing Sphir Chitino Ferruginibacte	0	0	1	0	0	0	0	0	0	1	0	0	2
Cluster2543; Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	1	0	0	1	0	0	2
Cluster2594; size=11	0	0	0	0	0	0	0	0	1	0	0	1	2
Cluster2611; Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	0	0	0	0	0	2	0	0	2
Cluster2623; size=9	1	0	0	0	0	0	0	1	0	0	0	0	2
Cluster2627; Acidobacteria	0	2	0	0	0	0	0	0	0	0	0	0	2
Cluster2651; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	0	0	0	0	0	0	1	0	2
Cluster2673; Proteobac Deltap Myxc Kofleria Kofleria	0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster2678; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster2707; Planctom Planct Planct Plancto Singulisphaera	1	0	0	0	0	0	0	0	1	0	0	0	2
Cluster2724; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	1	0	2
Cluster2743; size=17	0	0	0	0	0	1	1	0	0	0	0	0	2

Cluster2751; Acidobact Acidobacteria_Gp1 Edaphobacter	1	0	0	0	0	0	0	0	0	0	0	1	0	2
Cluster2764; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Cluster2766; size=17	0	1	0	0	0	0	0	0	0	0	0	1	0	2
Cluster2783; Proteobac Betapr Burkl Burkhol Burkholderia	0	0	1	0	0	0	1	0	0	0	0	0	0	2
Cluster2794; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster2801; Verrucomicrobia	1	0	0	0	0	1	0	0	0	0	0	0	0	2
Cluster2837; Proteobac Betapr Burkl Burkholderiales_incert	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster2842; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Cluster2862; Proteobac Alphap Rhizobiales	0	0	1	0	1	0	0	0	0	0	0	0	0	2
Cluster2868; Proteobac Gamm Xantl Sinobac Steroidobacter	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Cluster2870; Acidobact Acidobacteria_Gp1 Gp1	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster2883; Proteobac Alphap Alphaproteok Rhizomicrobiu	1	0	0	0	0	0	0	1	0	0	0	0	0	2
Cluster2890; Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	1	0	0	0	1	0	0	2
Cluster2891; Verrucom Subdivision3 Subdivision3_ξ	0	0	1	0	0	0	0	0	0	1	0	0	0	2
Cluster2916; size=8	1	0	1	0	0	0	0	0	0	0	0	0	0	2
Cluster2917; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	1	0	0	0	0	1	0	0	2
Cluster2929; Acidobact Acidobacteria_Gp3	0	0	0	0	1	0	1	0	0	0	0	0	0	2
Cluster2932; Actinobac Actinol Actinomycetales	0	0	0	0	0	1	1	0	0	0	0	0	0	2
Cluster2999; Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	0	0	0	0	0	0	1	0	0	2
Cluster3044; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	1	1	0	0	0	0	0	0	0	0	0	2
Cluster3105; Proteobac Gamm Legio Coxiella Coxiella	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster3121; Chlamydi; Chlamy Chlamydiales	0	0	0	0	0	0	2	0	0	0	0	0	0	2
Cluster3134; Proteobac Alphap Rhizc Xanthol Pseudolabrys	0	0	0	0	1	0	1	0	0	0	0	0	0	2
Cluster3145; Gemmatir Gemm Geml Gemma Gemmatimonas	0	1	0	0	0	0	0	0	0	0	0	1	0	2
Cluster3153; Proteobac Gammaproteobacteria	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster3156; Actinobac Actinol Actin Thermomonosporacea	0	0	1	0	1	0	0	0	0	0	0	0	0	2
Cluster3181; Proteobac Alphap Caulc Cauloba Phenyllobacter	0	0	0	1	0	0	0	0	1	0	0	0	0	2
Cluster3183; Acidobacteria	0	1	0	0	0	0	0	1	0	0	0	0	0	2
Cluster3184; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	1	0	2

Cluster3188; Proteobac Alphap Rhodospirillales	0	1	0	0	0	0	0	0	0	0	0	1	2
Cluster3215; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	1	0	0	0	0	2
Cluster3220; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	2	2
Cluster3244; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	1	0	0	0	0	0	2
Cluster3260; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster3271;size=8	0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster3292; Proteobac Alphap Rhizobiales	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster3312; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	1	0	0	0	0	0	0	1	2
Cluster3314; Planctom Planct Planc Plancto Singulisphaera	0	0	0	0	0	0	0	2	0	0	0	0	2
Cluster3330; Planctom Planct Planc Plancto Singulisphaera	0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster3344; Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster3348; Planctom Planct Planc Plancto Singulisphaera	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster3375; Verrucom Opitutae	1	0	0	0	1	0	0	0	0	0	0	0	2
Cluster3382; Bacteroid Sphing Sphir Chitinophagaceae	0	1	0	0	1	0	0	0	0	0	0	0	2
Cluster3394; Proteobac Alphap Caulc Caulobæ Caulobacter	0	0	1	0	0	0	0	0	0	1	0	0	2
Cluster3401;size=2	0	0	0	0	0	1	0	0	0	0	1	0	2
Cluster3409; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	1	0	0	1	2
Cluster3414; Verrucom Spartobacteria Spartobacteria	0	0	0	0	0	0	1	0	1	0	0	0	2
Cluster3442; Planctomycetes	0	1	1	0	0	0	0	0	0	0	0	0	2
Cluster3444; Proteobac Betapr Burkl Burkhol Burkholderia	0	1	0	0	0	0	0	1	0	0	0	0	2
Cluster3461;size=14	0	0	0	0	0	1	0	1	0	0	0	0	2
Cluster3511; Acidobacteria	0	0	0	0	0	0	0	0	1	0	0	1	2
Cluster3531; Acidobact Acidobacteria_Gp2 Gp2	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster3590; Actinobac Actino Acidimicrobiales	0	0	0	0	1	0	0	0	0	1	0	0	2
Cluster3592; Proteobac Deltap Bdelel Bdelel Vampirovibrio	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster3620; Proteobac Alphap Rhizc Beijerin Chelatococcus	0	0	0	1	0	0	0	0	1	0	0	0	2
Cluster3655;size=5	0	0	0	1	0	0	1	0	0	0	0	0	2
Cluster3661; Proteobac Gammaproteobacteria	0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster3666; Proteobac Alphap Caulc Caulobacteraceae	0	0	1	0	0	0	0	0	0	0	1	0	2

Cluster6436; Acidobact Acidobacteria_Gp6 Gp6	0	0	0	0	0	0	0	1	0	0	1	0	2
Cluster6513; Proteobac Deltaproteobacteria	0	1	0	0	0	0	0	0	1	0	0	0	2
Cluster6528; size=10	0	0	0	0	0	0	0	1	0	0	1	0	2
Cluster6547; Proteobac Alphap Rhod Rhodospirillaceae	0	0	0	1	1	0	0	0	0	0	0	0	2
Cluster6563; size=5	1	1	0	0	0	0	0	0	0	0	0	0	2
Cluster6609; Acidobact Acidobacteria_Gp1 Terriglobus	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster6636; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	1	0	0	0	0	0	0	0	2
Cluster6667; Elusimicrc Elusim Elusir Elusimic Elusimicrobiun	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster6670; size=6	0	0	0	0	0	0	0	2	0	0	0	0	2
Cluster6717; Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	0	2	0	0	0	0	2
Cluster6776; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	1	2
Cluster6778; Verrucom Subdivision3 Subdivision3_ξ	0	1	0	0	0	0	1	0	0	0	0	0	2
Cluster6780; Proteobac Alphap Rhodospirillales	0	0	0	1	1	0	0	0	0	0	0	0	2
Cluster6785; Actinobac Actinol Actinomycetales	0	0	0	0	0	1	0	0	0	0	1	0	2
Cluster6786; Proteobac Deltap Bdelel Bdelelovi Bdelelovibrio	0	0	0	0	0	1	1	0	0	0	0	0	2
Cluster6805; Acidobact Acidobacteria_Gp3 Bryobacter	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster6837; Proteobac Gamm Xantl Sinobac Steroidobacter	1	0	1	0	0	0	0	0	0	0	0	0	2
Cluster6842; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	2	0	2
Cluster6858; Proteobac Alphaproteobacteria	0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster6908; Proteobac Deltap Bdelel Bdelelovi Bdelelovibrio	1	0	0	0	0	1	0	0	0	0	0	0	2
Cluster6922; Proteobac Alphap Rhizobiales	0	0	0	0	1	1	0	0	0	0	0	0	2
Cluster6923; Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	1	0	0	0	0	0	2
Cluster6959; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster6979; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	1	0	0	0	2
Cluster6998; Proteobac Alphap Rhodospirillales	1	0	0	0	0	0	0	0	0	0	0	1	2
Cluster7003; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	1	0	2
Cluster7048; Proteobac Alphap Rhod Rhodospirillaceae	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster7059; Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	0	0	1	0	0	0	0	0	2
Cluster7065; size=12	0	0	0	0	0	1	1	0	0	0	0	0	2

Cluster10149	Actinobac	Actinol	Actinomycetales	0	0	0	1	1	0	0	0	0	0	2
Cluster10155	Verrucom	Opitut	Opituta	0	0	0	2	0	0	0	0	0	0	2
Cluster10184	Actinobac	Actinol	Solirubrobacterales	0	1	0	0	0	0	0	0	1	0	2
Cluster10193	Proteobac	Alphap	Caulc	0	0	0	1	0	0	1	0	0	0	2
Cluster10194	Acidobact	Acidobacteria_Gp1	Gp1	2	0	0	0	0	0	0	0	0	0	2
Cluster10195	Proteobac	Alphaproteobacteria		0	0	0	1	0	0	1	0	0	0	2
Cluster10220	Proteobac	Alphap	Rhizobiales	0	0	1	0	0	0	0	0	0	1	2
Cluster10246	Proteobac	Alphap	Rhizc	0	1	0	0	0	0	0	1	0	0	2
Cluster10288	Proteobac	Alphap	Rhodospirillales	1	0	0	0	0	0	0	0	0	1	2
Cluster10327	Acidobact	Acidobacteria_Gp3		0	0	0	0	0	0	1	1	0	0	2
Cluster10353	size=3			0	0	0	0	0	0	1	0	0	1	2
Cluster10376	Proteobac	Deltaproteobacteria		0	0	1	0	0	0	1	0	0	0	2
Cluster10378	Acidobact	Acidobacteria_Gp1	Acidobacteriur	0	0	0	0	0	0	1	0	0	1	2
Cluster10382	Proteobac	Deltaproteobacteria		1	0	0	0	0	0	0	1	0	0	2
Cluster10465	Proteobac	Alphap	Rhizobiales	0	0	0	0	0	0	1	0	0	0	2
Cluster10480	Acidobact	Acidobacteria_Gp3		0	0	0	1	0	0	0	1	0	0	2
Cluster10505	Acidobact	Acidobacteria_Gp1		1	0	0	0	0	0	0	0	1	0	2
Cluster10593	size=4			0	0	1	0	1	0	0	0	0	0	2
Cluster10596	Proteobac	Alphap	Rhizc	0	0	0	0	0	0	1	1	0	0	2
Cluster10621	Proteobac	Alphap	Rhizobiales	0	0	0	0	0	0	0	0	0	0	2
Cluster10646	Proteobac	Alphap	Rhizobiales	0	0	0	0	1	0	0	0	0	1	2
Cluster10652	Acidobacteria			1	0	0	0	0	0	0	1	0	0	2
Cluster10653	size=3			0	0	0	1	0	0	0	0	0	1	2
Cluster10695	size=9			0	0	1	0	0	0	0	1	0	0	2
Cluster10703	size=11			0	0	0	0	0	0	1	1	0	0	2
Cluster10731	Acidobact	Acidobacteria_Gp1		0	0	1	0	0	0	0	0	0	1	2
Cluster10749	Bacteroidetes			0	0	0	2	0	0	0	0	0	0	2
Cluster10758	Acidobacteria			1	0	1	0	0	0	0	0	0	0	2
Cluster10793	Armatimonadetes		Armatimonade	0	0	1	1	0	0	0	0	0	0	2

Cluster10936 Proteobac Alphap Rhizobiales	0	0	0	1	0	0	1	0	0	0	0	0	2
Cluster11018 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	1	0	0	0	0	0	2
Cluster11030;size=11	0	1	0	0	0	1	0	0	0	0	0	0	2
Cluster11032 Proteobac Alphap Caulc Cauloba Phenylbacter	0	0	0	0	1	0	1	0	0	0	0	0	2
Cluster11088 Proteobac Deltap Myxc Cystobacteraceae	0	0	0	1	0	0	0	0	1	0	0	0	2
Cluster11113 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	1	2
Cluster11114 Proteobacteria	1	0	0	0	0	0	0	0	0	0	0	1	2
Cluster11127 Proteobacteria	1	0	0	0	0	0	1	0	0	0	0	0	2
Cluster11242 Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	0	0	0	0	1	0	0	1	0	0	2
Cluster11272 Proteobac Alphap Rhizc Phyllob: Aminobacter	0	0	0	0	0	1	0	1	0	0	0	0	2
Cluster11288 Proteobac Deltap Myxococcales	0	0	0	0	0	1	0	1	0	0	0	0	2
Cluster11318 Proteobac Betapr Burkholderiales	0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster11334 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	1	0	0	0	0	2
Cluster11356 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	1	0	0	2
Cluster11364 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	1	0	0	0	0	2
Cluster11406 Proteobacteria	0	0	0	0	0	0	0	0	1	1	0	0	2
Cluster11420 Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	1	0	1	0	0	0	0	2
Cluster11465 Proteobac Alphap Ricke Ricketts Rickettsia	1	0	0	0	1	0	0	0	0	0	0	0	2
Cluster11483 Proteobac Deltap Myxc Polyangiaceae	0	0	0	0	1	0	0	0	0	0	0	1	2
Cluster11493 Proteobac Alphaproteobacteria	0	0	0	0	0	1	0	0	0	0	1	0	2
Cluster11496 Gemmatir Gemm Geml Gemma Gemmatimonæ	0	0	0	0	0	0	0	1	0	0	1	0	2
Cluster11548;size=7	0	0	0	0	0	0	1	0	0	0	0	1	2
Cluster11570;size=6	0	0	0	0	0	1	1	0	0	0	0	0	2
Cluster11591 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	1	0	0	0	0	2
Cluster11602 Bacteroid Sphing Sphir Chitinophagaceae	1	0	1	0	0	0	0	0	0	0	0	0	2
Cluster11609 Proteobac Deltap Myxc Cystoba Anaeromyxobæ	0	0	0	0	0	0	0	0	1	1	0	0	2
Cluster11634 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	1	0	0	0	2
Cluster11656 Actinobac Actinol Actinomycetales	0	1	0	0	0	0	1	0	0	0	0	0	2
Cluster11658;size=4	0	0	0	0	0	0	0	2	0	0	0	0	2

Cluster13322;size=13	1	0	0	0	0	0	0	0	0	0	1	0	2
Cluster13371 Verrucom Opirituae	0	0	0	0	0	0	1	0	0	0	0	1	2
Cluster13374 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	1	2
Cluster13378 Acidobact Acidobacteria_Gp15 Gp15	1	0	0	0	1	0	0	0	0	0	0	0	2
Cluster13428 Actinobac Actinol Acidi Acidimii Aciditerrimonaz	0	0	0	0	1	0	0	0	0	0	1	0	2
Cluster13506;size=3	0	1	0	0	0	0	0	0	0	0	0	1	2
Cluster13507 Acidobact Acidobacteria_Gp1 Granulicella	0	0	0	1	0	0	0	0	0	1	0	0	2
Cluster13566 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	1	0	0	0	0	0	0	0	2
Cluster13579 Proteobac Deltap Bdell Bdellovi Bdellovibrio	0	1	0	0	1	0	0	0	0	0	0	0	2
Cluster13609 Acidobacteria	0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster13613 Bacteroid Sphing Sphir Chitinophagaceae	1	0	0	0	1	0	0	0	0	0	0	0	2
Cluster13654 Proteobac Deltap Myxococcales	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster13658 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	1	1	2
Cluster13708 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	1	0	0	0	0	0	1	0	0	2
Cluster13714;size=3	0	0	0	0	1	0	1	0	0	0	0	0	2
Cluster13720 Acidobact Acidobacteria_Gp3 Gp3	0	1	1	0	0	0	0	0	0	0	0	0	2
Cluster13805;size=13	0	0	0	0	0	0	0	0	0	0	1	1	2
Cluster13824 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	1	0	0	0	0	0	2
Cluster13845 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	2	2
Cluster13871 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	1	0	0	0	0	0	0	2
Cluster13910 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	0	0	0	0	0	0	0	1	2
Cluster13914 Proteobac Alphaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	1	2
Cluster13921 Proteobac Deltap Myxococcales	0	0	0	0	0	0	1	0	0	0	1	0	2
Cluster13996;size=8	0	0	1	0	0	0	1	0	0	0	0	0	2
Cluster14054 Proteobac Deltap Myxococcales	1	0	0	0	0	0	0	0	1	0	0	0	2
Cluster14070 Firmicute: Bacilli Bacill Paeniba Paenibacillus	0	0	0	0	0	1	0	0	1	0	0	0	2
Cluster14107 Acidobact Acidobacteria_Gp1 Granulicella	1	0	0	1	0	0	0	0	0	0	0	0	2
Cluster14163 Acidobact Acidobacteria_Gp1	0	0	0	0	0	1	0	0	1	0	0	0	2
Cluster14208 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	1	0	0	0	2

Cluster14866	Proteobac	Gammaproteobacteria	0	0	1	0	0	0	1	0	0	0	0	2	
Cluster14922	Acidobact	Acidobacteria_Gp2	Gp2	1	0	0	0	0	0	0	0	1	0	2	
Cluster14998	Chlamydi	Chlamy	Chlar	Parachl	Parachlamydia	0	1	0	0	0	0	0	1	0	2
Cluster15020	Proteobac	Alphap	Alphaproteot	Rhizomicrobiu		0	0	0	0	0	0	1	0	2	
Cluster15048	Acidobact	Acidobacteria_Gp1	Edaphobacter			0	1	0	0	1	0	0	0	2	
Cluster15122	Proteobac	Betaproteobacteria				0	0	0	0	0	0	1	0	2	
Cluster15144	Chlamydi	Chlamy	Chlar	Parachlamydiaceae		0	1	0	1	0	0	0	0	2	
Cluster15147	Acidobact	Acidobacteria_Gp2	Gp2			0	0	0	0	0	0	0	1	2	
Cluster15167	Proteobac	Deltap	Myxococcales			0	1	0	0	0	0	0	0	2	
Cluster15177	Acidobact	Acidobacteria_Gp2	Gp2			0	0	0	0	0	0	1	0	2	
Cluster15251	Acidobact	Acidobacteria_Gp1	Gp1			2	0	0	0	0	0	0	0	2	
Cluster15305	Proteobacteria					2	0	0	0	0	0	0	0	2	
Cluster15319	Proteobac	Deltap	Myxococcales			0	0	1	0	0	0	1	0	2	
Cluster15342	Acidobact	Acidobacteria_Gp1				2	0	0	0	0	0	0	0	2	
Cluster15359	Proteobac	Gamm	Xanti	Sinobacteraceae		2	0	0	0	0	0	0	0	2	
Cluster15363	Acidobact	Acidobacteria_Gp1				0	0	0	0	0	0	1	0	2	
Cluster15364	Acidobact	Acidobacteria_Gp1	Gp1			0	0	0	0	0	0	1	1	2	
Cluster15373	Acidobact	Acidobacteria_Gp2	Gp2			0	0	0	0	0	0	1	0	2	
Cluster15384	Acidobact	Acidobacteria_Gp1				0	1	0	0	0	0	1	0	2	
Cluster15411	Actinobac	Actinol	Actinomycetales			2	0	0	0	0	0	0	0	2	
Cluster15446	TM7		TM7_genera_i			0	0	0	1	0	0	0	0	2	
Cluster15448	Acidobact	Acidobacteria_Gp6	Gp6			0	0	0	0	0	0	1	0	2	
Cluster15455	Acidobact	Acidobacteria_Gp1				0	0	2	0	0	0	0	0	2	
Cluster15461	Proteobac	Alphap	Rhizobiales			0	0	0	0	1	0	0	0	2	
Cluster15491	Actinobac	Actinol	Solirubrobacterales			0	0	0	1	0	0	0	0	2	
Cluster15494	Acidobact	Acidobacteria_Gp1				0	0	0	0	1	0	1	0	2	
Cluster15506	Proteobac	Deltaproteobacteria				1	1	0	0	0	0	0	0	2	
Cluster15560	Acidobact	Acidobacteria_Gp3	Gp3			0	0	0	0	0	0	2	0	2	
Cluster15567	Acidobact	Acidobacteria_Gp1	Gp1			0	0	0	0	1	0	0	0	2	

Cluster15581	Actinobac	Actinol	Soliru	Solirubr	Solirubrobacte	0	1	0	0	0	0	0	1	0	0	0	0	2
Cluster15600	Chlamydi	Chlamy	Chlar	Parachlamydiaceae		0	0	0	0	0	0	2	0	0	0	0	0	2
Cluster15614	Acidobact	Acidobacteria_Gp1	Gp1			0	0	0	0	0	0	1	0	1	0	0	0	2
Cluster15635	Acidobact	Acidobacteria_Gp1	Gp1			0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster15687	Proteobac	Alphaproteobacteria				0	0	0	0	0	0	1	1	0	0	0	0	2
Cluster15690	Acidobact	Acidobacteria_Gp1				0	0	0	1	0	0	0	0	0	1	0	0	2
Cluster15740	Proteobac	Alphap	Rhod	Acetobacteraceae		0	0	0	1	0	0	0	1	0	0	0	0	2
Cluster15751	Proteobac	Gamm	Legio	Coxiella	Aquicella	0	0	1	0	0	0	1	0	0	0	0	0	2
Cluster15772	Acidobact	Acidobacteria_Gp2	Gp2			0	0	0	0	0	0	0	1	0	0	1	0	2
Cluster15774	Acidobact	Acidobacteria_Gp10	Gp10			0	1	0	1	0	0	0	0	0	0	0	0	2
Cluster15802	;size=4					0	0	1	0	0	0	0	1	0	0	0	0	2
Cluster15833	Actinobac	Actinol	Actinomycetales			0	0	0	0	0	0	0	0	0	0	1	1	2
Cluster15846	Armatimc	Chthor	Chth	Chthon	Chthonomona	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster15847	Acidobact	Acidobacteria_Gp1				0	0	1	0	0	0	0	0	0	0	0	1	2
Cluster15848	Acidobact	Acidobacteria_Gp3	Gp3			0	0	0	1	0	0	0	0	0	0	0	1	2
Cluster15880	Acidobact	Acidobacteria_Gp3				0	1	1	0	0	0	0	0	0	0	0	0	2
Cluster15885	Acidobact	Acidobacteria_Gp2	Gp2			0	1	0	0	0	0	0	0	1	0	0	0	2
Cluster15888	;size=7					0	0	0	1	0	0	0	1	0	0	0	0	2
Cluster15957	;size=2					0	0	0	0	0	0	1	1	0	0	0	0	2
Cluster15962	Acidobact	Acidobacteria_Gp2	Gp2			0	0	0	0	0	0	1	0	0	0	1	0	2
Cluster15985	Proteobac	Alphaproteobacteria				0	1	0	0	0	1	0	0	0	0	0	0	2
Cluster16050	Proteobac	Alphap	Rhizc	Bradyrhizobiaceae		0	0	1	0	0	0	0	0	1	0	0	0	2
Cluster16121	Acidobact	Acidobacteria_Gp3	Bryobacter			0	0	0	0	0	1	0	0	1	0	0	0	2
Cluster16136	Proteobac	Alphap	Caulc	Caulob	Phenylobacter	0	0	0	0	0	0	1	0	0	0	1	0	2
Cluster16145	Actinobac	Actinol	Soliru	Conexib	Conexibacter	0	0	0	1	1	0	0	0	0	0	0	0	2
Cluster16146	Proteobac	Alphap	Rhodospirillales			0	0	0	0	0	0	0	0	0	0	0	2	2
Cluster16147	Bacteroid	Sphing	Sphir	Chitinophagaceae		0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster16149	Acidobact	Acidobacteria_Gp1				0	0	0	1	1	0	0	0	0	0	0	0	2
Cluster16184	Acidobact	Acidobacteria_Gp1				0	0	1	0	0	0	0	0	0	0	1	0	2

Cluster16207	Proteobac	Alphaproteobacteria	0	0	0	0	0	0	0	0	1	1	0	2
Cluster16212	Acidobact	Acidobacteria_Gp1	0	0	1	0	0	1	0	0	0	0	0	2
Cluster16216	Proteobac	Gamm Legio Coxiella Coxiella	0	1	0	0	0	0	0	1	0	0	0	2
Cluster16274	Acidobact	Acidobacteria_Gp1 Gp1	0	0	1	1	0	0	0	0	0	0	0	2
Cluster16291	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	1	0	0	1	0	0	2
Cluster16308	Acidobact	Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	1	0	2
Cluster16313	Proteobac	Gammaproteobacteria	0	0	0	0	2	0	0	0	0	0	0	2
Cluster16322	Proteobac	Alphap Alphaproteok Rhizomicrobiu	0	0	1	0	0	0	0	1	0	0	0	2
Cluster16457	Acidobacteria		0	0	0	0	0	0	0	1	0	1	0	2
Cluster16470	Proteobac	Gammaproteobacteria	0	0	0	0	2	0	0	0	0	0	0	2
Cluster16507	Acidobact	Acidobacteria_Gp3	0	0	0	0	0	2	0	0	0	0	0	2
Cluster16655	Proteobac	Betapr Burkholderia Burkholderia	0	0	1	0	1	0	0	0	0	0	0	2
Cluster16725	Verrucom	Opitut; Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	1	0	1	2
Cluster16735	Proteobac	Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	2	0	2
Cluster16764	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	1	0	0	2
Cluster16823	Acidobact	Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	1	2
Cluster16829	Acidobact	Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	2	0	0	2
Cluster16851	Acidobact	Acidobacteria_Gp3 Gp3	0	0	0	0	1	0	0	0	1	0	0	2
Cluster16960	;size=10		0	0	0	1	0	0	1	0	0	0	0	2
Cluster16966	Proteobac	Alphap Rhizobiales	0	0	0	0	0	0	1	1	0	0	0	2
Cluster17012	TM7	TM7_genera_i	0	0	0	0	1	0	0	0	1	0	0	2
Cluster17172	Acidobact	Acidobacteria_Gp5 Gp5	0	0	0	1	0	0	0	0	1	0	0	2
Cluster17217	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	1	0	0	2
Cluster17225	Proteobac	Deltaproteobacteria	0	0	0	0	0	2	0	0	0	0	0	2
Cluster17235	Actinobac	Actinol Actin Actinos Actinospica	0	0	0	1	0	0	0	0	0	0	1	2
Cluster17288	Proteobacteria		0	0	0	0	0	0	2	0	0	0	0	2
Cluster17315	Acidobact	Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	1	0	0	0	2
Cluster17336	Bacteroid	Sphing Sphir Chitinophagaceae	0	0	0	0	2	0	0	0	0	0	0	2
Cluster17338	Verrucom	Subdivision3 Subdivision3_ξ	0	0	0	1	1	0	0	0	0	0	0	2

Cluster17401	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	0	0	0	0	1	0	2
Cluster17449	Proteobacteria			0	1	0	0	0	0	0	0	0	1	0	0	2
Cluster17452	Actinobac	Actinol	Solirubrobacterales	0	0	0	0	0	0	0	0	0	0	1	1	2
Cluster17460	Proteobac	Betapr	Burkl Burkhol Burkholderia	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster17469	Acidobact	Acidobacteria_Gp1	Gp1	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster17649	Proteobac	Alphaproteobacteria		0	0	1	0	0	0	0	0	0	0	1	0	2
Cluster17671	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	0	0	1	1	0	0	2
Cluster17736	Proteobac	Alphap	Rhizc Bradyrhizobiaceae	1	0	0	0	0	0	0	0	0	0	0	1	2
Cluster17739	Acidobact	Acidobacteria_Gp3	Gp3	1	0	0	0	0	0	0	0	1	0	0	0	2
Cluster17743	Acidobact	Acidobacteria_Gp3		0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster17759	Acidobacteria			0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster17804	TM7		TM7_genera_i	0	0	0	0	0	0	0	0	1	0	1	0	2
Cluster17816	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	1	0	0	0	0	2
Cluster17825	;size=4			1	0	0	0	0	0	0	0	0	0	1	0	2
Cluster17826	Verrucom	Opitut: Opitu	Opituta Opitutus	1	0	0	0	1	0	0	0	0	0	0	0	2
Cluster17834	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	0	0	2	0	2
Cluster17837	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	1	1	0	0	0	0	2
Cluster17849	Proteobac	Gamm	Xantl Sinobac Steroidobacter	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster17856	Proteobac	Betaproteobacteria		0	0	0	0	0	0	0	2	0	0	0	0	2
Cluster17871	Proteobac	Alphap	Caulc Caulobacteraceae	0	0	1	0	0	0	0	1	0	0	0	0	2
Cluster17878	;size=12			0	0	0	1	0	0	0	1	0	0	0	0	2
Cluster17885	Verrucom	Opitut: Opitu	Opituta Opitutus	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster17889	Actinobac	Actinol	Actinomycetales	0	0	0	1	0	0	0	0	0	0	1	0	2
Cluster17943	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	0	1	0	1	0	0	2
Cluster17949	Acidobact	Acidobacteria_Gp3		0	0	0	0	0	0	0	0	0	0	2	0	2
Cluster17982	Verrucom	Opitut: Opitu	Opituta Opitutus	0	0	0	0	0	0	0	0	0	1	0	1	2
Cluster18012	Verrucom	Opitut: Opitu	Opituta Opitutus	0	0	0	0	0	1	0	0	1	0	0	0	2
Cluster18015	Actinobac	Actinol	Solirt Conexib Conexibacter	0	0	0	0	0	0	0	0	0	2	0	0	2
Cluster18095	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	1	0	2

Cluster18105	Proteobac	Betapr	Burkl	Burkholderiaceae	0	1	0	0	0	0	0	1	0	0	0	0	2
Cluster18154	Acidobact		Acidobacteria_Gp1		0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster18177	Acidobact		Acidobacteria_Gp2	Gp2	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster18178	Acidobact		Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	1	0	1	0	2
Cluster18207	Acidobact		Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	0	0	0	0	1	0	2
Cluster18215	Acidobact		Acidobacteria_Gp3	Gp3	0	0	1	0	0	0	0	1	0	0	0	0	2
Cluster18254	Acidobact		Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	1	1	0	0	0	0	2
Cluster18256	Acidobact		Acidobacteria_Gp2	Gp2	0	0	1	0	0	0	1	0	0	0	0	0	2
Cluster18273	Proteobac	Alphap	Rhod	Acetobacteraceae	0	0	0	0	0	0	0	0	0	0	0	2	2
Cluster18283	Acidobact		Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster18285	Acidobact		Acidobacteria_Gp2	Gp2	0	0	0	2	0	0	0	0	0	0	0	0	2
Cluster18286	Acidobact		Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster18289	size=2				0	1	0	0	0	0	0	0	0	0	1	0	2
Cluster18290	Acidobact		Acidobacteria_Gp3	Gp3	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster18299	Proteobac	Alphap	Rhizobiales		0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster18308	Acidobact		Acidobacteria_Gp1		0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster18309	Acidobact		Acidobacteria_Gp3	Gp3	0	1	0	1	0	0	0	0	0	0	0	0	2
Cluster18396	Acidobact		Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	1	0	0	0	2
Cluster18405	Acidobact		Acidobacteria_Gp2	Gp2	1	0	0	0	0	0	0	0	0	0	1	0	2
Cluster18422	Acidobact		Acidobacteria_Gp2	Gp2	0	0	1	0	0	0	0	0	0	1	0	0	2
Cluster18428	Acidobact		Acidobacteria_Gp3	Gp3	0	0	1	0	0	0	0	1	0	0	0	0	2
Cluster18439	TM7			TM7_genera_i	0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster18484	Acidobact		Acidobacteria_Gp2	Gp2	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster18485	Proteobac	Betapr	Burkl	Burkholderia	1	0	0	0	0	0	0	0	0	0	0	1	2
Cluster18496	Acidobact		Acidobacteria_Gp1		0	0	0	0	1	0	1	0	0	0	0	0	2
Cluster18515	Acidobact		Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	1	2
Cluster18527	Acidobact		Acidobacteria_Gp1		0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster18549	Proteobac	Alphap	Alphaproteot	Rhizomicrobiu	0	0	0	1	0	1	0	0	0	0	0	0	2
Cluster18570	Acidobact		Acidobacteria_Gp2	Gp2	1	0	0	0	0	0	0	1	0	0	0	0	2

Cluster18576 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	1	0	2
Cluster18617 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	0	0	0	0	0	0	0	1	2
Cluster18632 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster18665 Proteobacteria	0	0	0	1	0	0	0	0	1	0	0	0	2
Cluster18675 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	1	0	0	2
Cluster18695 Proteobac Alphap Rhizobiales	0	0	0	1	0	0	0	0	0	0	1	0	2
Cluster18717 Acidobact Acidobacteria_Gp3	0	2	0	0	0	0	0	0	0	0	0	0	2
Cluster18719 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	1	0	0	0	0	2
Cluster18738 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	1	2
Cluster18739;size=3	0	0	0	1	0	0	0	0	0	0	0	1	2
Cluster18775 Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	1	2
Cluster18782 Proteobac Gammaproteobacteria	0	0	0	0	1	0	0	0	1	0	0	0	2
Cluster18840 Chlamydi: Chlamy Chlar Parachlamydiaceae	0	1	0	0	0	0	0	0	0	0	0	1	2
Cluster18890 Proteobac Gamm Xantl Xanthomonadaceae	0	1	1	0	0	0	0	0	0	0	0	0	2
Cluster18912 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	2	0	0	2
Cluster18924 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	1	0	0	2
Cluster18934;size=2	0	0	0	0	0	0	0	0	0	2	0	0	2
Cluster18935 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	1	2
Cluster18963 Proteobac Betapr Burkli Comamonadaceae	0	0	0	0	0	0	0	2	0	0	0	0	2
Cluster18971;size=5	0	0	0	0	0	0	1	0	0	1	0	0	2
Cluster19008 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	1	0	2
Cluster19030 Proteobac Betapr Burkli Burkhol Burkholderia	1	0	0	0	0	0	1	0	0	0	0	0	2
Cluster19037 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	1	0	0	0	2
Cluster19050 Proteobac Betaproteobacteria	0	0	0	0	0	1	0	1	0	0	0	0	2
Cluster19065 Proteobac Alphap Rhizobiales	0	1	0	0	0	0	0	0	0	0	1	0	2
Cluster19109 Acidobacteria	0	0	1	0	0	0	0	1	0	0	0	0	2
Cluster19114 Actinobac Actinol Solirl Conexib Conexibacter	0	0	1	0	0	0	0	0	0	1	0	0	2
Cluster19159 Planctomycetes	0	0	0	0	0	0	1	0	0	0	1	0	2
Cluster19164 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	1	0	0	2

Cluster19185 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	1	0	0	0	0	2
Cluster19188 Proteobac Alphaproteobacteria	1	0	0	0	0	0	0	1	0	0	0	0	2
Cluster19201 Acidobact Acidobacteria_Gp3	0	0	1	0	0	0	0	0	0	0	0	1	2
Cluster19230 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	1	0	0	0	0	0	2
Cluster19235 Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	0	1	0	0	0	1	2
Cluster19244 Verrucom Opitut: Opitu Opituta Opitutus	1	0	1	0	0	0	0	0	0	0	0	0	2
Cluster19254 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	2	0	0	0	0	2
Cluster19262 Proteobac Alpha Rhizomicrobiu	0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster19264 Proteobac Betaproteobacteria	1	0	0	0	1	0	0	0	0	0	0	0	2
Cluster19269 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	2	0	0	0	0	0	0	0	0	2
Cluster19306 Proteobac Gammaproteobacteria	0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster19307 Acidobact Acidobacteria_Gp2 Gp2	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster19347 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	0	2	0	2
Cluster19427;size=5	0	0	0	0	0	0	2	0	0	0	0	0	2
Cluster19432 Actinobac Actinol Solirubrobacterales	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster19447 Chloroflex Ktedor Ktedonobacterales	0	1	0	0	0	0	1	0	0	0	0	0	2
Cluster19448 Proteobacteria	0	0	0	0	0	0	2	0	0	0	0	0	2
Cluster19460 Proteobac Gamm Xanti Sinobac Steroidobacter	0	0	0	1	0	1	0	0	0	0	0	0	2
Cluster19467 Proteobac Alpha Rhizobiales	0	0	1	0	0	1	0	0	0	0	0	0	2
Cluster19478 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster19512 Proteobac Alpha Rhizc Beijerinckiaceae	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster19516 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	1	0	0	0	2
Cluster19522 Proteobac Alphaproteobacteria	1	0	0	0	1	0	0	0	0	0	0	0	2
Cluster19543 Acidobact Acidobacteria_Gp1	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster19558 Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	1	1	0	0	0	0	2
Cluster19567 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster19595 Proteobac Gammaproteobacteria	0	0	0	0	1	1	0	0	0	0	0	0	2
Cluster19675 Acidobact Acidobacteria_Gp2 Gp2	1	0	1	0	0	0	0	0	0	0	0	0	2
Cluster19691 Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	1	0	0	0	0	0	2

Cluster19692	Acidobact	Acidobacteria_Gp2	Gp2	0	0	2	0	0	0	0	0	0	0	2
Cluster19694	Proteobac	Alphaproteobacteria		0	0	0	0	1	1	0	0	0	0	2
Cluster19700	Acidobact	Acidobacteria_Gp2	Gp2	0	0	1	0	0	0	1	0	0	0	2
Cluster19736	Acidobact	Acidobacteria_Gp3	Bryobacter	0	0	0	0	0	0	2	0	0	0	2
Cluster19765	Proteobac	Betaproteobacteria		0	0	0	0	1	0	1	0	0	0	2
Cluster19795	Acidobacteria			0	0	1	1	0	0	0	0	0	0	2
Cluster19798	Acidobact	Acidobacteria_Gp1	Granulicella	0	0	1	1	0	0	0	0	0	0	2
Cluster19832	Acidobact	Acidobacteria_Gp2	Gp2	1	0	0	0	0	0	0	0	0	1	2
Cluster19851	Proteobac	Gammaproteobacteria		0	0	0	0	2	0	0	0	0	0	2
Cluster19864	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	1	1	0	0	0	0	0	2
Cluster19905	size=3			0	0	0	0	0	0	2	0	0	0	2
Cluster19916	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	2	0	0	0	0	0	2
Cluster19976	Acidobact	Acidobacteria_Gp3		0	0	1	0	1	0	0	0	0	0	2
Cluster19994	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	1	0	0	0	2
Cluster19999	size=3			2	0	0	0	0	0	0	0	0	0	2
Cluster20001	Proteobac	Alphap Rhizc	Bradyrh Bradyrhizobiur	0	0	0	1	1	0	0	0	0	0	2
Cluster20072	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	1	1	0	0	0	2
Cluster20080	Acidobact	Acidobacteria_Gp2	Gp2	0	0	1	1	0	0	0	0	0	0	2
Cluster20082	Acidobact	Acidobacteria_Gp3		1	0	0	1	0	0	0	0	0	0	2
Cluster20130	Acidobact	Acidobacteria_Gp3	Gp3	0	0	1	0	0	0	1	0	0	0	2
Cluster20252	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	2	0	0	0	0	0	0	2
Cluster20299	Verrucom	Opitut: Opitu	Opituta Opitutus	0	0	0	0	0	2	0	0	0	0	2
Cluster20318	Proteobac	Gammaproteobacteria		0	1	0	0	0	1	0	0	0	0	2
Cluster20357	Proteobac	Gamm Legio	Coxiella Aquicella	0	0	0	2	0	0	0	0	0	0	2
Cluster20360	Proteobac	Betapr Burk	Burkhol Burkholderia	0	0	1	1	0	0	0	0	0	0	2
Cluster20366	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	1	0	1	0	0	0	2
Cluster20397	Proteobac	Alphap Rhod	Acetobacteraceae	0	0	0	0	0	1	0	0	1	0	2
Cluster20457	Acidobact	Acidobacteria_Gp2	Gp2	1	0	1	0	0	0	0	0	0	0	2
Cluster20485	Proteobacteria			0	1	0	0	1	0	0	0	0	0	2

Cluster20492	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	1	0	0	0	1	0	0	0	0	2
Cluster20511	Actinobac	Actinobacteriales		0	0	0	0	0	1	1	0	0	0	0	0	2
Cluster20665	Acidobact	Acidobacteria_Gp2	Gp2	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster20676	Acidobact	Acidobacteria_Gp1		0	0	0	0	0	0	1	0	0	1	0	0	2
Cluster20711	Proteobac	Gamma	Proteobacteria	0	0	0	1	0	0	0	0	0	0	1	0	2
Cluster20730	Bacteroid	Sphing	Chitinophagaceae	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster20755	Proteobac	Gamma	Xanthomonadales	0	0	0	1	0	0	1	0	0	0	0	0	2
Cluster20756	Acidobact	Acidobacteria_Gp2	Gp2	1	0	0	0	0	0	1	0	0	0	0	0	2
Cluster20802	Proteobac	Gamma	Xanthomonadales	0	0	0	0	1	0	0	0	0	0	1	0	2
Cluster20877	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	1	0	0	0	0	0	2
Cluster20936	Proteobac	Gamma	Proteobacteria	0	1	0	0	1	0	0	0	0	0	0	0	2
Cluster20967	;size=2			1	0	0	0	0	0	1	0	0	0	0	0	2
Cluster20979	Proteobac	Delta	Myxococcales	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster20998	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	2	0	0	0	0	0	0	0	0	2
Cluster21027	Verrucom	Opirit	Opirit	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster21030	Acidobact	Acidobacteria_Gp2	Gp2	1	0	0	0	0	0	1	0	0	0	0	0	2
Cluster21042	Acidobact	Acidobacteria_Gp2	Gp2	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster21217	Proteobac	Alpha	Rhizobiales	0	0	0	0	0	0	2	0	0	0	0	0	2
Cluster21356	Proteobac	Alpha	Caulobacteriales	0	0	0	0	0	0	0	1	0	1	0	0	2
Cluster21430	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	1	0	0	0	0	1	2
Cluster21531	;size=2			0	0	1	1	0	0	0	0	0	0	0	0	2
Cluster21667	Acidobact	Acidobacteria_Gp3	Gp3	1	0	0	0	0	0	0	0	0	0	1	0	2
Cluster21684	;size=2			0	0	0	0	0	0	0	0	0	0	2	0	2
Cluster21738	Proteobacteria			0	0	0	0	0	0	0	0	0	0	0	2	2
Cluster21758	Acidobact	Acidobacteria_Gp2	Gp2	0	0	1	0	0	0	0	1	0	0	0	0	2
Cluster21761	Acidobact	Acidobacteria_Gp3	Gp3	1	0	0	0	0	1	0	0	0	0	0	0	2
Cluster21778	;size=5			0	0	0	0	0	0	0	0	1	0	1	0	2
Cluster21779	;size=2			0	0	0	1	0	0	0	0	0	0	0	1	2
Cluster21789	Acidobact	Acidobacteria_Gp2	Gp2	1	0	0	0	0	0	1	0	0	0	0	0	2

Cluster21811	Proteobac	Gamm	Xanti	Sinobac	Steroidobacter	1	0	0	1	0	0	0	0	0	0	0	0	0	2
Cluster21848	Acidobact	Acidobacteria	_Gp1			0	1	0	0	0	0	1	0	0	0	0	0	0	2
Cluster21876	Actinobac	Actinol	Acidi	Acidimii	Aciditerrimona	0	0	1	0	0	0	1	0	0	0	0	0	0	2
Cluster21882	Proteobac	Alphaproteobacteria				0	0	0	1	0	0	1	0	0	0	0	0	0	2
Cluster21934	Actinobac	Actinol	Acidi	Acidimii	Aciditerrimona	0	0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster21954	Proteobacteria					0	0	1	1	0	0	0	0	0	0	0	0	0	2
Cluster21956	Proteobac	Gammaproteobacteria				0	0	1	1	0	0	0	0	0	0	0	0	0	2
Cluster21990	Acidobact	Acidobacteria	_Gp1			0	1	0	1	0	0	0	0	0	0	0	0	0	2
Cluster22060	Acidobact	Acidobacteria	_Gp1	Granulicella		0	0	0	0	1	0	0	0	0	1	0	0	0	2
Cluster22069	Acidobact	Acidobacteria	_Gp1			1	0	0	0	0	0	0	0	1	0	0	0	0	2
Cluster22097	Proteobacteria					0	0	0	0	0	0	0	1	0	0	0	0	1	2
Cluster22106	Acidobact	Acidobacteria	_Gp2	Gp2		0	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster22126	Proteobac	Gammaproteobacteria				0	0	1	0	0	0	0	0	1	0	0	0	0	2
Cluster22132	Acidobacteria					0	0	1	0	0	0	0	0	0	0	0	0	1	2
Cluster22160	Acidobact	Acidobacteria	_Gp1	Gp1		0	0	0	1	0	0	0	0	0	1	0	0	0	2
Cluster22215	Proteobac	Alphap	Caulc	Caulobacteraceae		0	0	1	0	0	0	0	0	0	1	0	0	0	2
Cluster22224	Actinobac	Actinol	Solirubrobacterales			0	0	0	0	0	1	0	0	1	0	0	0	0	2
Cluster22265	Acidobact	Acidobacteria	_Gp3	Gp3		0	0	1	1	0	0	0	0	0	0	0	0	0	2
Cluster22268	Acidobact	Acidobacteria	_Gp2	Gp2		0	0	0	0	0	0	0	0	0	0	0	0	2	2
Cluster22313;size=5						0	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster22337	Acidobacteria					0	0	0	0	0	0	0	1	0	0	0	0	1	2
Cluster22385	Proteobac	Alphaproteobacteria				0	0	1	0	0	1	0	0	0	0	0	0	0	2
Cluster22389	Proteobac	Alphap	Alphaproteok	Rhizomicrobiu		0	0	0	0	0	0	0	0	0	0	0	1	1	2
Cluster22397	Acidobact	Acidobacteria	_Gp1			0	0	2	0	0	0	0	0	0	0	0	0	0	2
Cluster22406	Acidobact	Acidobacteria	_Gp1			0	0	0	0	0	0	0	0	0	0	0	1	1	2
Cluster22419	Acidobact	Acidobacteria	_Gp3	Gp3		0	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster22448	Proteobac	Alphaproteobacteria				0	0	1	0	0	0	1	0	0	0	0	0	0	2
Cluster22463	Acidobact	Acidobacteria	_Gp1			0	0	0	0	1	0	0	0	0	1	0	0	0	2
Cluster22474	Acidobact	Acidobacteria	_Gp1	Gp1		0	0	0	0	1	0	1	0	0	0	0	0	0	2

Cluster24189	Actinobac	Actinol	Actinomycetales	0	0	0	0	0	0	1	0	0	1	0	2			
Cluster24198	Actinobac	Actinol	Solir	Conexib	Conexibacter	0	0	0	0	0	0	0	0	2	0	0	2	
Cluster24269	Proteobac	Gammaproteobacteria				0	0	0	0	0	0	1	1	0	0	0	2	
Cluster24293	Actinobac	Actinol	Actinomycetales			0	0	0	0	1	0	0	1	0	0	0	2	
Cluster24372	Acidobact	Acidobacteria_Gp2	Gp2			0	0	0	0	1	0	0	1	0	0	0	2	
Cluster24425	Actinobac	Actinobacteria				0	0	0	0	1	0	0	1	0	0	0	2	
Cluster24449	Acidobact	Acidobacteria_Gp2	Gp2			0	0	0	0	0	0	1	1	0	0	0	2	
Cluster24463	Proteobac	Gamm	Meth	Methylc	Methylobacter	0	0	0	0	0	1	0	0	0	0	1	0	2
Cluster24478	Actinobac	Actinol	Actinomycetales			0	0	1	0	0	0	1	0	0	0	0	2	
Cluster24565	Proteobac	Alphap	Alphaproteob	Rhizomicrobiu		0	0	0	0	1	0	0	1	0	0	0	2	
Cluster24572	Acidobact	Acidobacteria_Gp1	Gp1			0	0	0	0	0	0	0	1	0	0	0	2	
Cluster24598	Actinobac	Actinol	Actin	Microbacteriaceae		0	1	0	0	0	0	0	0	0	0	0	2	
Cluster24605	Bacteroid	Sphing	Sphir	Chitinophagaceae		0	0	1	0	0	0	0	1	0	0	0	2	
Cluster24664	Proteobac	Gammaproteobacteria				0	1	0	0	0	0	0	0	0	0	1	2	
Cluster24707	Proteobac	Alphaproteobacteria				0	0	0	0	0	0	0	0	0	1	1	2	
Cluster24763	Actinobac	Actinol	Acidimicrobiales			0	1	0	0	0	0	0	0	0	0	1	2	
Cluster24780	Acidobact	Acidobacteria_Gp1	Edaphobacter			0	0	0	2	0	0	0	0	0	0	0	2	
Cluster24854	Proteobac	Gamm	Legio	Coxiella	Aquicella	0	1	0	0	0	0	1	0	0	0	0	2	
Cluster24872	Acidobact	Acidobacteria_Gp1	Edaphobacter			0	0	0	0	0	0	0	0	1	0	1	2	
Cluster24882	Acidobact	Acidobacteria_Gp2	Gp2			0	0	0	1	0	0	1	0	0	0	0	2	
Cluster24962	Proteobac	Alphap	Rhizobiales			0	0	0	2	0	0	0	0	0	0	0	2	
Cluster24987	Actinobac	Actinol	Actinomycetales			0	0	0	0	0	1	0	1	0	0	0	2	
Cluster25008	Proteobacteria					0	0	0	1	0	0	0	0	0	0	0	2	
Cluster25015	Bacteroid	Sphing	Sphir	Chitinophagaceae		0	1	0	0	0	0	0	0	0	1	0	2	
Cluster25019;size=7						1	0	0	0	0	0	0	1	0	0	0	2	
Cluster25054	Acidobact	Acidobacteria_Gp2	Gp2			1	0	0	1	0	0	0	0	0	0	0	2	
Cluster25085;size=4						0	0	1	0	1	0	0	0	0	0	0	2	
Cluster25092	Bacteroid	Sphing	Sphir	Chitino	Sediminibacter	0	0	0	0	1	1	0	0	0	0	0	2	
Cluster25094;size=8						0	0	0	1	1	0	0	0	0	0	0	2	

Cluster26464 Proteobac Alphap Rhizc Xantho Labrys	2	0	0	0	0	0	0	0	0	0	0	0	2
Cluster26593 Proteobac Alphap Caulc Caulobæ Caulobacter	0	0	0	0	2	0	0	0	0	0	0	0	2
Cluster26599 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster26643 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	1	0	2
Cluster26669 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	2	0	0	0	0	0	0	0	0	2
Cluster26672;size=3	0	0	0	0	0	0	1	0	0	0	1	0	2
Cluster26699 Actinobac Actinol Actinomycetales	1	0	0	0	0	0	0	0	0	0	0	1	2
Cluster26719 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	0	0	1	1	0	2
Cluster26735 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	1	0	0	1	0	0	0	0	0	2
Cluster26767 Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	0	0	0	0	0	0	1	0	2
Cluster26770;size=7	1	0	0	0	0	0	0	1	0	0	0	0	2
Cluster26802 Proteobac Alphaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	1	2
Cluster26820 Proteobac Alphap Caulc Caulobæ Phenyllobacter	1	1	0	0	0	0	0	0	0	0	0	0	2
Cluster26870 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	1	1	0	0	0	0	0	0	0	2
Cluster26896 Actinobac Actinobacteria	0	0	1	0	0	0	0	0	0	0	1	0	2
Cluster26932 Acidobact Acidobacteria_Gp10 Gp10	0	0	0	1	0	0	1	0	0	0	0	0	2
Cluster26953 Actinobac Actinol Acidimicrobiales	0	0	0	0	0	0	2	0	0	0	0	0	2
Cluster26954;size=5	0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster26958 Bacteroid Sphing Sphir Chitino Sediminibacteri	0	0	1	0	0	0	0	1	0	0	0	0	2
Cluster27075 Acidobact Acidobacteria_Gp13 Gp13	0	0	0	0	0	0	0	1	1	0	0	0	2
Cluster27085;size=3	1	0	0	1	0	0	0	0	0	0	0	0	2
Cluster27111 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	2	0	0	2
Cluster27128 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster27206 Actinobac Actinol Acidimicrobiales	1	0	0	1	0	0	0	0	0	0	0	0	2
Cluster27264 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	1	1	0	0	0	0	0	2
Cluster27384 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	1	0	1	0	2
Cluster27546 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	2	0	0	0	0	0	2
Cluster27597 Acidobact Acidobacteria_Gp7 Gp7	0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster27784 Bacteroid Sphing Sphir Chitinophagaceae	1	0	0	0	0	1	0	0	0	0	0	0	2

Cluster18;size=14	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	1
Cluster41;size=14	Proteobac	Alphap Rhodospirillales	1	0	0	0	0	0	0	0	0	0	0	1
Cluster45;size=14	Proteobac	Alphap Rhizobiales	0	0	0	1	0	0	0	0	0	0	0	1
Cluster49;size=14	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	1
Cluster63;size=14			0	1	0	0	0	0	0	0	0	0	0	1
Cluster70;size=14	Acidobact	Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	1
Cluster73;size=14	Armatimc	Armati Arma Armatin Armatimonas/	0	0	1	0	0	0	0	0	0	0	0	1
Cluster74;size=14	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	1	0	0	0	0	0	1
Cluster80;size=14	Proteobac	Deltap Myxococcales	0	1	0	0	0	0	0	0	0	0	0	1
Cluster89;size=14	Acidobact	Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	0	0	0	1
Cluster101;size=16			0	0	0	0	0	0	0	0	0	0	1	1
Cluster104;size=16	Proteobac	Betapr Burkli Burkholderia	1	0	0	0	0	0	0	0	0	0	0	1
Cluster106;size=16	Proteobac	Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	1	0	0	0	1
Cluster111;size=16	Acidobact	Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	1
Cluster113;size=16	Verrucom	Spartobacteria Spartobacteria	0	0	0	0	0	0	0	0	0	1	0	1
Cluster114;size=16	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	1	0	0	0	0	0	1
Cluster125;size=16	Acidobact	Acidobacteria_Gp3 Gp3	0	1	0	0	0	0	0	0	0	0	0	1
Cluster149;size=16	Chloroflex	Ktedor Ktedonobacterales	0	0	0	0	0	0	0	1	0	0	0	1
Cluster150;size=16	Acidobact	Acidobacteria_Gp1 Granulicella	0	0	1	0	0	0	0	0	0	0	0	1
Cluster151;size=16	TM7	TM7_genera_i	0	1	0	0	0	0	0	0	0	0	0	1
Cluster167;size=16	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	1
Cluster169;size=16	Proteobac	Deltap Myxococcales	0	0	0	0	0	0	0	0	1	0	0	1
Cluster182;size=16	Proteobac	Alphap Rhodospirillales	0	0	0	0	0	0	0	0	1	0	0	1
Cluster185;size=16	Acidobact	Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	1
Cluster186;size=16	Proteobac	Alphap Rhizc Beijerinckiaceae	0	0	0	0	0	1	0	0	0	0	0	1
Cluster188;size=16	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	1
Cluster189;size=16	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	1
Cluster194;size=16	Acidobact	Acidobacteria_Gp6 Gp6	0	0	0	1	0	0	0	0	0	0	0	1
Cluster204;size=16	Chloroflex	Ktedor Ktedonobacterales	0	0	0	0	0	0	0	0	1	0	0	1

Cluster586;si Verrucom Opitut: Opitu Opituta Opitutus	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster588;si Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster590;si Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster592;si Acidobact Acidobacteria_Gp3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster597;si Proteobac Gammaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster600;si Bacteroid Sphing Sphir Chitinoꝝ Ferruginibacte	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster605;si Firmicute: Clostridia	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster610;si Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster612;si Proteobac Alphap Rhizobiales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster614;si Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster635;si Verrucom Opitut: Opitu Opituta Opitutus	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster639;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster642;si Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster644;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster645;si Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster648;si Proteobac Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster660;si Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster666;si Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster667;si Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster668;si Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster675;si Proteobac Gammaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster677;si Bacteroid Sphing Sphir Sphingobacteriaceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster679;si Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster680;si Proteobac Alphap Rhizobiales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster684;si Acidobact Acidobacteria_Gp1 Acidobacteriur	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster688;si Gemmatir Gemm Gemı Gemma Gemmatimonaz	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster691;si Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster693;si Proteobac Gamm Xantı Sinobac Steroidobacter	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster697;si Proteobac Alphaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster701;size=1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster703;si Proteobac Deltap Myxococcales	0	0	0	0	0	0	0	0	0	0	0	0	1
Cluster707;si Proteobac Alphap Rhod Acetobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster708;size=6	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster709;si Actinobac Actinol Actin Nocardiaceae	0	0	0	0	0	0	0	0	0	0	0	0	1
Cluster734;si Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster739;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster745;si Acidobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster748;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster756;si Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster768;si Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster770;si Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster778;si Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster783;si Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster784;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster787;si Acidobact Acidobacteria_Gp1 Granulicella	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster789;size=8	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster793;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster800;size=2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster803;si Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster808;si Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster811;size=2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster814;si Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster820;si Proteobac Alphap Caulc Caulobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster821;si Proteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster822;si Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster823;si Acidobact Acidobacteria_Gp7 Gp7	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster830;si Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster831;si Proteobac Deltap Myxc Polyangiaceae	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster957;si Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster968;si Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster972;si Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster973;si Proteobac Deltaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster977;si Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster986;si Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster987;si Acidobact Acidobacteria_Gp1 Granulicella	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster993;si Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1008; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1014; Proteobac Deltaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster1023; Proteobac Alphap Rhodospirillales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1024; Proteobac Alphap Rhod Acetob; Acidocella	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster1026;size=4	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1043; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1044; Proteobac Alphap Rhizc Bradyrh Agromonas	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1049; Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1054; Proteobac Alphap Rhizobiales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1055; Bacteroid Sphing Sphir Sphingo Mucilaginibact	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1056; Chlamydi; Chlamy; Chlamydiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1060; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1061; Proteobac Alphap Rhodospirillales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1064; Verrucom Opiritae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1067; Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1088; Bacteroid Flavob. Flavo Flavobacteriaceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1089;size=2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1099; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1101; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster1106; Proteobac Deltap Myxococcales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1111; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster1112; Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster1114; Proteobac Deltap Myxococcales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1118; Armatimonadetes Armatimonade	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster1123; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1141; Armatimc Armati Arma Armatin Armatimonas/	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1153; Proteobac Alphaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1154; Proteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1162; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1163; Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1166;size=8	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster1167; Proteobac Alphap Sphir Sphingo Novosphingob	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster1168; Proteobac Deltaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster1169;size=3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1176; Proteobac Betaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1177; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster1184; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1185; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1186; Proteobac Gammaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1187; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1192; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster1196; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1200; Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1202; Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1203; Acidobact Acidobacteria_Gp6 Gp6	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster1204; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1205;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1211; Proteobac Alphap Rhizc Beijerinckiaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1213; Acidobact Acidobacteria_Gp3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1215; Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster1220; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1221; Verrucom Subdivision3 Subdivision3_ε	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1228; Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster1231; Proteobac Gammaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1233; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster1243; Chlorobi Ignavik Ignav Ignavibacteriu	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1250; Verrucom Opitut; Opitu Opituta Opitutus	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster1251; Proteobac Gamm Legio Legione Legionella	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1255; Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1260; Actinobac Actinol Actin Nocardiaceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1262; size=7	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster1276; size=2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster1284; Proteobac Alphap Rhod Acetobacteraceae	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1291; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1306; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1309; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1312; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster1318; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1322; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1323; Gemmatir Gemm Gemı Gemma Gemmatimona	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1339; Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster1341; Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1346; Proteobac Betapr Burkholderiales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1347; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1348; Acidobact Acidobacteria_Gp3 Gp3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1349; Proteobac Deltaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1360; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1362; Actinobac Actinol Actinomycetales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1367; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster1368; Chlamydi; Chlamy; Chlamydiales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1370; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster1375; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1376;size=3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1378;size=12	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1380; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster1383; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster1389; Proteobac Betapr Burkholderiales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1390; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1397; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1399;size=13	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1400; Proteobac Alphap Rhizobiales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster1402; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1407; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1410; Proteobac Gamm Xantl Xanthomonadaceae	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1412; Proteobac Alphaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1413;size=1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1414; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster1416; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1417; Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1424; Proteobac Deltaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1427; Armatimc Armati Arma Armatin Armatimonas/	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster1430; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1433; Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1434; Proteobac Gamm Pseu Pseud Pseudomonas	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster1436; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1441; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1448; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1450; Proteobac Alphap Rhizc Rhizobiaceae	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster1688; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1689; Proteobac Gammaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster1691; Acidobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster1696; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1699; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1700; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1708; Acidobact Acidobacteria_Gp13 Gp13	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1712; Proteobac Gammaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1713; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1719; Actinobac Actinobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1720; Actinobac Actinol Actinomycetales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster1722; size=1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1729; Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster1742; Proteobac Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster1746; Acidobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1747; Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster1748; Proteobac Alphap Rhizc Hyphon Rhodoplanes	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1749; Proteobac Alphap Caulc Caulobac Phenyllobacter	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1750; Proteobac Betapr Burkl Burkholderiaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1755; OD1 OD1_genera_i	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster1758; Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1760; Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1765; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1769; Actinobac Actinol Acidimicrobiales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster1770; Proteobac Deltaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1772; Proteobac Gammaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1775; size=3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster1776; size=4	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1779; Proteobac Alphap Rhod Acetobac Acidisphaera	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster1781;size=5	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1785;size=3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1786; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1792; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1797; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1798; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1808; Proteobac Gammaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1809; Chlamydi Chlamy Chlar Parachlamydiaceae	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster1812; Proteobac Gamm Legio Coxiella Coxiella	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1822; Proteobac Betaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster1825; Proteobac Alphap Rhizobiales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1831; Acidobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1837; Proteobac Alphap Rhizc Xanthol Labrys	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster1839;size=1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster1843; Firmicute: Bacilli Bacill Bacillac Bacillus	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1845;size=4	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster1859; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1861; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1863;size=13	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster1875; Chlamydi: Chlamy Chlar Parachlamydiaceae	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster1877; Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster1878; Proteobac Deltaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster1882;size=2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1885;size=5	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1887; Acidobact Acidobacteria_Gp10 Gp10	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster1892; Proteobac Alphap Alphaproteot Rhizomicrobiu	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1894; Planctom Planct Planc Planctomycetaceae	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster1897; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster1899; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1

Cluster2193; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster2196; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster2204; Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster2205; Planctom Planct Planct Planctol Singulisphaera	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster2216; size=8	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster2219; Planctom Planct Planct Planctomycetaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster2223; Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster2226; size=6	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster2231; size=10	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster2238; Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster2240; Gemmatir Gemm Gem Gemma Gemmatimona	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster2242; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster2256; Chloroflex Ktedon Ktedon Ktedon Ktedonobacter	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster2261; Acidobact Acidobacteria_Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster2263; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster2273; Proteobac Alphap Rhodospirillales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster2292; Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster2296; Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster2298; Proteobac Gamm Legio Coxiella Aquicella	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster2301; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster2302; Proteobac Deltaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster2307; Proteobac Alphap Caulc Cauloba Brevundimona	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster2309; Proteobac Alphap Rhodospirillales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster2311; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster2314; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster2321; Proteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster2328; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster2335; Proteobac Deltap Myxc Polyangiaceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster2349; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster2586; Acidobact Acidobacteria_Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster2593; size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster2598; Proteobac Gammaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster2600; Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster2606; size=12	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster2608; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster2626; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster2629; Actinobac Actinol Actin Thermomonosporacea	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster2634; Chlamydi; Chlamy Chlamydiales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster2636; Verrucom Subdivision3 Subdivision3_ξ	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster2641; Proteobac Betaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster2644; size=4	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster2653; Proteobac Alphap Caulc Caulobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster2657; Actinobac Actinol Actin Mycoba Mycobacteriur	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster2661; size=3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster2662; Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster2663; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster2667; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster2671; size=2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster2672; Bacteroid Sphing Sphir Chitinophagaceae	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster2679; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster2683; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster2686; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster2690; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster2701; Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster2708; size=1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster2722; Proteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster2725; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster2727; Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster3155; Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster3157; Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster3158; Acidobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster3167; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster3168; Firmicute: Bacilli Bacill Pasteuri Pasteuria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster3169; size=2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3170; Proteobac Alphap Rhizc Rhizobi: Rhizobium	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster3192; size=1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster3196; size=6	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster3197; Bacteroid Sphing Sphir Sphingo Nubsella	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster3200; Acidobact Acidobacteria_Gp3 Gp3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster3207; size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster3211; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster3213; size=2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster3216; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster3218; Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3233; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3236; Proteobac Alphap Rhizobiales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3240; Proteobac Betapr Burkholderiales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3242; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster3247; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3252; Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3254; Actinobac Actinol Acidi Acidimi Aciditerrimona	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster3265; Proteobac Deltap Myxc Cystobacteraceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster3266; Acidobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster3276; Acidobact Acidobacteria_Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3284; Proteobac Alphap Rhod Rhodospirillaceae	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster3285; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3287; size=3	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster3288; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3289; Proteobac Alphap Rhod Rhodospirillaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3295; Verrucom Opitutae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3300; Proteobac Alphap Rhizc Xantho Pseudolabrys	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster3301; Proteobac Alphap Rhodospirillales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3302; Bacteroid Sphing Sphir Chitino Flavitalea	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster3303; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster3309; Firmicute Bacilli Bacill Alicyclo Alicyclobacillus	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3319; Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3320; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster3321; size=3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster3322; Armatimonadetes Armatimonade	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3326; Acidobact Acidobacteria_Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3334; Verrucom Opitut; Opitu Opituta Opitutus	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster3335; Verrucom Opitut; Opitu Opituta Opitutus	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster3346; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3347; Acidobact Acidobacteria_Gp3 Gp3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster3355; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster3356; size=1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3361; Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3364; size=3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3365; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster3373; Proteobac Alphap Rhod Rhodos Dongia	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster3383; Actinobac Actino Actinomycetales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster3384; size=8	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3386; Acidobact Acidobacteria_Gp13 Gp13	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3387; size=1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster3392; Proteobac Alphap Alphaproteot Rhizomicrobiu	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster3411; Planctom Planct Planc Plancto Singulisphaera	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster3566; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3572; Proteobac Betapr Burkli Burkhol Burkholderia	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster3584; Chloroflex Ktedor Ktedo Ktedon Ktedonobacter	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3587; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster3602; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster3606; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3611; Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster3627; Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster3633; Planctomycetes	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster3636; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster3651; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3653; Proteobac Alphap Rhod Acetobz Stella	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster3657; Actinobac Actinol Solirt Conexib Conexibacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster3658; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3660; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster3667; Verrucom Opitutae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster3669; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster3677;size=3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3678;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3688; Proteobac Deltap Myxococcales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3692; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster3696;size=1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster3697;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster3698; Verrucom Opitut; Opitu Opituta Opitutus	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster3700; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster3702; Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3707; Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3710; Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster3714; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster3732; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster3733; size=3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3739; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster3740; size=2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3750; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3752; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3764; size=2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3770; Proteobac Alphap Rhod Rhodospirillaceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3780; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3783; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3799; Armatimc Armati Arma Armatin Armatimonas/	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster3800; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3802; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3806; size=9	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3807; Acidobact Acidobacteria_Gp3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster3821; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster3822; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3827; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster3830; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster3835; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3838; size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster3859; Proteobac Alphap Rhodospirillales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster3866; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster3870; Planctom Planct Planc Planctomycetaceae	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster3878; Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster3882; size=3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster3884; size=1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster3886; Actinobac Actinol Solirt Conexib Conexibacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster3887; size=3	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster4006; Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4011; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4013; Acidobact Acidobacteria_Gp1 Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4021; Proteobac Alpha; Rhizobiales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4028; Proteobac Alpha; Rhodospirillales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4036; Proteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4048; Armatimonadetes Armatimonade	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4052;size=8	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4054;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4071; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4074;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4080; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4087; Bacteroid Sphing Sphir Chitino; Flavitalea	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4092; Proteobac Alpha; Caul; Cauloba; Phenyllobacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4094; Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4100; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4101; Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4104; Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4106; Chlamydi; Chlamy; Chlamydiales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster4107; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4111; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4114; Acidobact Acidobacteria_Gp1 Terriglobus	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4122; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4124; Planctomycetes	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4125; Proteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4126; Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4128; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4129; Verrucom Opitutae	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster4131; Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster4236;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4248; Proteobac Betaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4250; Armatimc Armati Arma Armatin Armatimonas/	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4251; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4254; Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4255; Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4259; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4265; Proteobac Alphap Rhodospirillales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4269; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4276; Acidobact Acidobacteria_Gp3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4281; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4284; Proteobac Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4285;size=6	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4287; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4290; Proteobac Alphap Rhizobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4295; Acidobact Acidobacteria_Gp1 Granulicella	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4297; Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4300; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4303; Acidobact Acidobacteria_Gp10 Gp10	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster4310; Verrucom Subdivision3 Subdivision3_ξ	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4311; Actinobac Actinol Acidi Acidimi Aciditerrimona	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4312; Acidobact Acidobacteria_Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4315; Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4324; Planctomycetes	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4325; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4332; Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4333; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4335; Acidobact Acidobacteria_Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4348;size=4	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster4355; Planctomycetes	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4360; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4380;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4381; Proteobac Deltaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4382; Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4385; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4398;size=4	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4400; Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4415; Planctom Planct Planc Planctomycetaceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4433; Acidobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4444; Verrucom Spartobacteria Spartobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4448; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4457; Proteobac Alphap Rhodospirillales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4461; Proteobac Alphaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4470; Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4485; Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster4490; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4492; Proteobac Betapr Burkl Burkhol Burkholderia	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster4493;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4512; Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4518; Proteobac Alphap Rhodospirillales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4530; Armatimc Armati Arma Armatin Armatimonas/	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4533;size=11	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4543; Planctomycetes	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4552; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4557; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4559; Proteobac Deltap Myxococcales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4563;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4573; Acidobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster4576;size=6	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4579;size=1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4584;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4585; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4586; Proteobac Betapr Burkholderiaceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4596; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4611; Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4618; Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4622; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4633; Proteobac Alphap Rhizobiales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4636;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4645; Proteobac Alphap Rhizc Xantho Labrys	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster4652; Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4662; Elusimicrc Elusim Elusir Elusimic Elusimicrobiun	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4665; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster4667; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4669;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4674;size=3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4677; Proteobac Deltaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4682;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4684; Proteobac Deltap Myxococcales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster4687;size=6	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4690; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4691;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4700; Proteobac Betapr Burkholderiales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster4709; Proteobac Deltap Myxc Polyangiaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster4714; Acidobact Acidobacteria_Gp1 Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4715; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4722; Acidobact Acidobacteria_Gp10 Gp10	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster4862; Planctom Planct Planct Planctomycetaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4874; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4875;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4879; Proteobac Alphap Rhizc Bradyrh Agromonas	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster4880; Planctomycetes	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4887; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4889; Verrucom Spartobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4907; Acidobact Acidobacteria_Gp3 Gp3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4910; Proteobac Deltaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4913; Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4926; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4930; Proteobac Alphap Rhizobiales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4943;size=1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4944; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4957; Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4962;size=7	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster4963; Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster4964; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster4966; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4967; Proteobac Alphap Caulc Caulobæ Caulobacter	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster4977; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster4978; Planctomycetes	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster4983; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster4986; Proteobac Gamm Legio Coxiella Aquicella	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster4989; Actinobac Actino Solirubrobacterales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster4994; Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster4995; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5002; Proteobac Alphap Rhizobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster5005; Actinobac Actino Actinomycetales	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster5278;size=1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster5280;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5297; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5299; Proteobac Deltap Myxc Cystobacteraceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5302;size=15	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5308; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5316; Actinobac Actinol Actin Mycoba Mycobacteriur	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5321; Actinobac Actinol Actinomycetales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster5326;size=2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5328; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster5338; Planctom Planct Planct Plancto Singulisphaera	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5347; Proteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5352; Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5355; Proteobac Gamm Xanthomonadales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster5364; Proteobac Deltaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster5368; Proteobac Alphaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster5369; Proteobac Alphap Rhodospirillales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster5372;size=2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5373; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster5377; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster5378;size=5	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster5381; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5384; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster5388; Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster5392; Acidobact Acidobacteria_Gp10 Gp10	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster5398; Proteobac Alphap Rhizc Hyphon Rhodoplanes	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster5400;size=4	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster5411; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster5413; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster5414;size=3	0	0	0	0	0	0	0	0	0	0	0	1	1	
Cluster5416; Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5420; Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster5432;size=1	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5434; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5435;size=7	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5438; Planctom Planct Planct Planctomycetaceae	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5444; Acidobacteria	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster5447;size=4	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5452; Acidobact Acidobacteria_Gp6 Gp6	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster5453; Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster5462; Proteobac Deltaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5476; Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster5484; Proteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5488;size=2	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster5490;size=3	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5492; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster5495; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5500; Proteobac Alpha Rhodospirillales	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5502; Proteobac Deltap Myxococcales	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster5504; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster5512; Proteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5528; Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5531; Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5542; Proteobac Gamm Xantl Sinobac Steroidobacter	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5544; Proteobac Deltap Myxococcales	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5547; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster5551;size=4	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5571; Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster5580; Acidobact Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster5583; Verrucom Subdivision3	Subdivision3_ε	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster5584; Armatimonadetes	Armatimonade	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster5590; Acidobact Acidobacteria_Gp2	Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5591; Proteobacteria		0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster5595; Proteobac Alphaproteobacteria		0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5598; Proteobac Alphap Rhizobiales		1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5608; Acidobact Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster5627; Firmicute: Bacilli	Bacilli Staphylo	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster5629; Acidobacteria		0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster5635; Proteobac Alphap Rhizc Beijerinckiaceae		0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5640; Verrucom Opitut: Opitu	Opituta Opitutus	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5645; Proteobacteria		1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5646; Acidobact Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster5649; Acidobact Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster5653; Proteobac Alphap Caulc Caulob	Phenylobacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5654; Proteobac Alphaproteobacteria		0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster5655; size=6		0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5659; Proteobac Gamm Xantl	Sinobac Steroidobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster5665; Actinobac Actinol	Actinomycetales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster5668; Acidobact Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster5678; Proteobac Alphap Rhodospirillales		0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster5685; Proteobac Alphap Rhizc Bradyrh	Bradyrhizobiur	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster5688; size=1		0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5691; Planctomycetes		0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster5693; Proteobac Alphap Rhodospirillales		1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5696; Acidobact Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5699; Planctom Planct	Planct Singulisphaera	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5707; Acidobact Acidobacteria_Gp1	Terriglobus	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster5717; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster5721; Verrucom Opitut; Opitu Opituta Opitutus	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster5722; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster5724; size=2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5725; Proteobac Alphap Rhizc Bradyrh Agromonas	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster5726; Planctom Planct; Planc Plancto Planctomyces	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5728; size=3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster5734; Actinobac Actinobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5737; Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5739; Proteobac Betapr Burkl Oxalobacteraceae	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5740; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5741; size=2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5744; size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster5750; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5756; Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster5759; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster5763; Actinobac Actino Actinomycetales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster5768; TM7 TM7_genera_i	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5773; size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster5774; Acidobact Acidobacteria_Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster5778; Acidobact Acidobacteria_Gp1 Terriglobus	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster5779; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster5790; size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster5793; Proteobac Alphap Rhod Rhodospirillaceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster5813; Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster5816; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster5837; Acidobact Acidobacteria_Gp1 Terriglobus	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster5839; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster5840; Actinobac Actino Acidi Acidimii Aciditerrimona	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster6122; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster6123;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster6124;size=1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster6128; Acidobact Acidobacteria_Gp1 Terriglobus	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster6131; Actinobac Actinol Actinomycetales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster6132; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6140;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster6144; Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6157; Elusimicrc Elusim Elusir Elusimic Elusimicrobiun	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster6166; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6176;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6184;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster6191; Proteobac Alphaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster6199;size=6	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6201; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster6204; Proteobac Alphap Rhodospirillales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster6206; Proteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster6211; Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster6212; Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster6225; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6229; Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster6239; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster6243;size=2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster6252; Proteobac Alphap Rhodospirillales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster6255; Acidobact Acidobacteria_Gp3	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster6274;size=2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster6280; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster6281; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster6282;size=14	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster6458; Actinobac Actinol Actin Pseudonocardiaecae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6462;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster6470;size=2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster6473;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6474; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster6482; Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster6487; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster6492; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster6494; Verrucom Opitut: Opitu Opituta Opitutus	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster6495; Verrucom Spartobacteria Spartobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6504; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster6506; Proteobac Deltap Myxococcales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster6507; Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster6512; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster6518;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster6529; Proteobac Deltap Myxococcales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6537; Armatimonadetes Armatimonade	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6543; Proteobac Deltap Bdell Bdellovi Vampirovibrio	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster6544; Gemmatir Gemm Geml Gemma Gemmatimonad	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster6551; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6555; Verrucom Opitut: Opitu Opituta Opitutus	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster6565;size=2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster6570; Proteobac Deltap Myxococcales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster6576; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6579; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6586; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster6599; Verrucom Subdivision3 Subdivision3_ξ	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster6600; Firmicute: Negati Selen Veillonellaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster6623;size=4	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster6768; Proteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6769; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster6771; Actinobac Actinol Soliric Conexib Conexibacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6772; Proteobac Alphap Rhod Acetobac Acidisphaera	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster6775; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster6787; Proteobac Alphap Rhodospirillales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster6796; Actinobac Actinol Acidi Acidimii Aciditerrimonas	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6797; Proteobac Alphap Rhizc Xantho Labrys	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster6800; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6809; Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster6810; Proteobac Alphap Alphaproteob Rhizomicrobiu	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster6813; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6818; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster6823; Proteobac Alphaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster6824; Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster6825; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster6834; Acidobact Acidobacteria_Gp10 Gp10	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster6835; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6839; Proteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster6843; Acidobact Acidobacteria_Gp10 Gp10	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster6844;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster6856; Actinobac Actinol Acidi Acidimii Aciditerrimonas	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster6863;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6864; Firmicute Bacilli Bacill Bacillac Falsibacillus	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6870; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6879; Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6889;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster6891; Proteobac Betapr Rhod Rhodocyclaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster6892;size=3	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster7014; Proteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7015; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster7016; Proteobac Deltap Bdell Bdellovi Vampirovibrio	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster7018; Proteobac Alphap Caulc Caulobæ Phenylobacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7028; Gemmatir Gemm Gemı Gemma Gemmatimonæ	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7032; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster7034; Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7036; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7039; Proteobac Alphap Rhizc Xanthol Labrys	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster7040; Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster7043; Actinobac Actinobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7046; Proteobac Betapr Burkl Burkholderiaceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster7050; Actinobac Actinol Actinomycetales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster7069; Armatimc Armati Arma Armatin Armatimonas/	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7083; Proteobac Alphap Rhizc Beijerinckiaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster7084; Chloroflex Ktedonobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7088; Proteobac Gamm Xantl Xanthor Pseudoxanthor	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7089; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7105; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7110; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster7111; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7123; Chlamydi; Chlamy Chlar Parachlamydiaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7124; Verrucomicrobia	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7134; Chlamydi; Chlamy Chlamydiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7138; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7139; Proteobac Alphap Rhizc Bradyrh Agromonas	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7140; Actinobac Actinol Solirı Solirubr Solirubrobacte	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7143; Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7144; Armatimc Chthor Chthı Chthonı Chthonomona:	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster7147; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster7149; size=16	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster7151; Proteobac Alphap Rhodospirillales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7155; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7157; Acidobact Acidobacteria_Gp3 Gp3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7158; Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster7160; Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7162; Proteobac Alphap Rhodospirillales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7164; Armatimc Chthor Chtho Chthono Chthonomona	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7169; size=1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7176; Proteobac Gamm Legio Coxiella Aquicella	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7185; Proteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster7186; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7197; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster7202; Proteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7216; Proteobac Alphaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7218; Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7244; Proteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster7249; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7252; Verrucom Opitutae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7254; Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7255; size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7265; Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster7274; Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7280; Proteobac Alphap Rhizobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7290; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7298; Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7319; size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7327; size=6	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster7482; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7486; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster7501; Bacteroid Sphing Sphir Chitino; Sediminibacteri	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7508; Proteobac Alphap Rhodospirillales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster7512; Proteobac Alphap Rhod Rhodospirillaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7516; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7518; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster7538; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7544; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7547; Actinobac Actinol Actin Catenul Catenulispora	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7548; Actinobac Actinol Acidimicrobiales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7559; Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster7561; Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster7571; Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster7573;size=3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7576; Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster7578; Proteobac Alphap Rhizobiales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster7579; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7581; Planctomycetes	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7586; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7601;size=1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster7604; Proteobac Alphap Rhodospirillales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster7607; Acidobact Acidobacteria_Gp7 Gp7	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7611; Proteobac Alphap Rhodospirillales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7617; Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7621; Actinobac Actinol Actin Sporichi Sporichthya	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7639; Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7642; Chlamydi; Chlamy Chlar Parachl; Parachlamydia	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7647; Acidobact Acidobacteria_Gp10 Gp10	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster7648; Proteobac Gamm Xantho Xanthor Frateuria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7649; Proteobac Alphaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster7651; Proteobac Alpha Rhizc Bradyrh Agromonas	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7655; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7680; Proteobac Alpha Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7682; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7683; Proteobac Alpha Rhizobiales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7686; Verrucom Subdivision3 Subdivision3_ξ	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7693;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7700; Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7706;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7708; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7712; Proteobac Alpha Rhizobiales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7717; Armatimonadetes Armatimonade	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7729;size=1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster7730; Proteobac Alpha Rhodospirillales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7731; Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster7737; Proteobac Alpha Rhizc Xantho Pseudolabrys	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster7738; Proteobac Alpha Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7739; Proteobac Alpha Rhizobiales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster7740; Actinobac Actinobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7744; Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster7746; Proteobac Alpha Rhodospirillales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster7749; Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7751; Proteobac Alpha Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster7761; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster7764;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster7775; Proteobac Alphaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7777; Proteobac Alpha Rhodospirillales	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster7947; Armatimc Chthor Chtho Chthoni Chthonomona	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster7949; Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster7952; Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster7956;size=2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7960; Proteobac Deltap Myxococcales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster7961; Proteobac Betapr Burk Oxalobz Janthinobacter	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster7962; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster7979; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7982; Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7983; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7986; Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7987; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7988; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster7990; Proteobac Deltap Myxc Cystobacteraceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7991; Verrucom Subdivision3 Subdivision3_ξ	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7992; Verrucom Opitut; Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster7994; Proteobac Betapr Burkholderiales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster7995; Proteobac Deltap Myxococcales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster8018; Acidobact Acidobacteria_Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8026; Proteobac Deltap Bdeff Bdellovi Vampirovibrio	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster8031; Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster8038; Actinobac Actinol Actin Actinosj Actinospica	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster8040; Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8045; Proteobac Betapr Burk Burkholderia	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8049; Planctomycetes	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8051;size=8	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster8058; Actinobac Actinol Actin Actinosj Actinospica	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8060; Verrucom Spartobacteria Spartobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster8062; Planctom Planct Planct Planctoi Planctomyces	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster8070; Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8103; Armatimc Armati Arma Armatin Armatimonas/	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster8105;size=2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster8110; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8111; Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster8114;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster8116; Proteobac Alphap Rhodospirillales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8118; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8128; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster8138; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster8139;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8140; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster8141; Acidobact Acidobacteria_Gp5 Gp5	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster8142; Verrucom Opitut; Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster8158; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster8159; Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8163; Proteobac Alphap Rhodospirillales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8164; Proteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8166; Proteobac Alphaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster8169; Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8172;size=1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster8173; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8175; Verrucom Spartobacteria Spartobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8181;size=4	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster8190; Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8193; Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster8196; Acidobact Acidobacteria_Gp1 Granulicella	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8197; Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8199; Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster8762; Verrucom Spartobacteria	Spartobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster8769; Actinobac	Actinobac	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster8779; Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	0	0	0	1	0	1
Cluster8789; Proteobac	Alphap	Rhizc	Xanthol	Pseudolabrys	0	0	0	0	1	0	0	0	0	1
Cluster8791; Proteobac	Alphaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8800; Proteobac	Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster8802; Proteobac	Alphap	Rhodospirillales	0	0	0	0	0	0	0	0	0	1	0	1
Cluster8805; Proteobac	Alphap	Rhod	Rhodospirillaceae	0	0	0	0	1	0	0	0	0	0	1
Cluster8806; Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	0	0	1	0	0	1
Cluster8807; Proteobac	Alphap	Rhizobiales	0	0	0	0	0	0	0	0	1	0	0	1
Cluster8814; Proteobac	Gamm	Xanthomonadales	0	0	0	0	0	0	0	0	1	0	0	1
Cluster8823; Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	1	0	0	0	0	0	0	1
Cluster8826; Acidobact	Acidobacteria_Gp3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8830; Chlamydi	Chlam	Chlar	Parachl	Neochlamydia	0	0	0	0	1	0	0	0	0	1
Cluster8832; size=1		0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster8835; Verrucom	Subdivision3	Subdivision3_ξ	1	0	0	0	0	0	0	0	0	0	0	1
Cluster8839; Proteobac	Alphaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster8846; Verrucom	Opitut	Opitut	Opituta	Opitutus	0	0	0	0	0	1	0	0	0	1
Cluster8866; Acidobact	Acidobacteria_Gp3	Gp3	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8872; Acidobact	Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster8878; Proteobac	Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster8879; Acidobacteria	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster8885; Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	1	0	0	0	0	0	1
Cluster8891; Proteobac	Deltaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8892; Acidobact	Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster8895; Acidobact	Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster8909; Acidobact	Acidobacteria_Gp1	Granulicella	0	0	1	0	0	0	0	0	0	0	0	1
Cluster8914; Proteobac	Gamm	Xantl	Xanthomonadaceae	0	0	0	0	0	0	0	0	0	1	1
Cluster8918; Acidobact	Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster8926; Proteobac Alphap Rhizc Methylocystaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster8927; Verrucom Subdivision3 Subdivision3_ε	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster8933;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster8936; Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster8948; Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster8965; Acidobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster8976; Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster8977; Proteobac Alphap Rhodospirillales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster8992;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster9001; Proteobac Deltaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster9005; Verrucom Spartobacteria Spartobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster9006; Planctom Planct Planct Singulisphaera	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster9012; Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster9020; Acidobact Acidobacteria_Gp5 Gp5	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster9026; Acidobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster9028;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster9040; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster9042; Proteobac Betaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster9043; Verrucom Spartobacteria Spartobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster9047; Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster9056; Actinobac Actinol Solirt Conexib Conexibacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster9057;size=5	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster9058; Proteobac Alphap Rhod Rhodospirillaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster9060; Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster9061; Acidobact Acidobacteria_Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster9067; Verrucom Spartobacteria Spartobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster9069; Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster9072; Nitrospira Nitrosꝑ Nitro Nitrospi Nitrospira	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster9073;size=3	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster10159 Proteobac Alphap Rhizc Methylc Methylosinus	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster10160 Proteobac Deltaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster10161 Firmicute: Clostrii Clost Peptococcaceae1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster10163 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster10166 Actinobac Actinol Soliru Solirubr Solirubrobacte	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster10167;size=7	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster10180 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster10181 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster10182 Actinobac Actinol Actinomycetales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster10186 Acidobact Acidobacteria_Gp10 Gp10	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster10196 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster10198 Acidobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster10201;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster10211 Firmicute: Bacilli Bacill Bacillac Bacillus	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster10218 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster10221 Proteobac Alphap Rhizc Hyphomicrobiaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster10235;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster10236 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster10238 Proteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster10242 Actinobac Actinol Actin Microbacteriaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster10254 Acidobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster10260 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster10268 Acidobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster10269 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster10273 TM7 TM7_genera_i	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster10276 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster10289 Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster10290 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster10292 Proteobac Alphaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster10417	Proteobac	Gammaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	1			
Cluster10419	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	1	0	0	0	0	0	0	1			
Cluster10425	Acidobact	Acidobacteria_Gp1		0	0	1	0	0	0	0	0	0	0	1			
Cluster10430	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	0	0	0	0	1			
Cluster10433	Firmicute:	Bacilli	Bacill	Bacillac	Bacillus	0	0	0	0	0	0	0	1	0	1		
Cluster10441	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	1			
Cluster10444	Actinobac	Actinol	Actinomycetales	0	0	0	0	0	0	0	0	0	1	0	1		
Cluster10447	Acidobact	Acidobacteria_Gp5	Gp5	0	0	0	0	1	0	0	0	0	0	1			
Cluster10451	Firmicute:	Bacilli	Bacill	Planococcaceae	0	0	0	1	0	0	0	0	0	0	1		
Cluster10460	Proteobacteria		0	0	0	0	0	0	0	1	0	0	0	0	1		
Cluster10474	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	1	0	0	0	0	0	0	0	1		
Cluster10475	Proteobac	Alphaproteobacteria		0	0	0	0	0	0	0	0	0	1	0	1		
Cluster10482	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	1		
Cluster10488	Proteobac	Betapr	Burkl	Burkhol	Burkholderia	0	0	0	0	0	0	1	0	0	0	1	
Cluster10489	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	0	0	0	1	0	1		
Cluster10495	Proteobac	Gammaproteobacteria		0	0	0	1	0	0	0	0	0	0	0	1		
Cluster10502	Acidobact	Acidobacteria_Gp10	Gp10	0	0	0	0	0	0	0	1	0	0	0	1		
Cluster10503	Planctom	Planct	Planct	Plancto	Planctomyces	0	0	0	0	0	0	1	0	0	0	1	
Cluster10511	Acidobact	Acidobacteria_Gp1	Edaphobacter	0	0	0	0	0	0	0	0	0	1	0	0	1	
Cluster10514	Proteobac	Alphaproteobacteria		0	0	0	0	0	0	1	0	0	0	0	0	1	
Cluster10537	Proteobacteria		0	0	0	0	0	0	0	1	0	0	0	0	0	1	
Cluster10544	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1	
Cluster10554	Proteobac	Alphap	Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1	
Cluster10557	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1	
Cluster10559;size=4			0	0	0	0	1	0	0	0	0	0	0	0	0	1	
Cluster10560	Acidobacteria		0	0	0	0	0	0	1	0	0	0	0	0	0	1	
Cluster10565	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1	
Cluster10582	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1	
Cluster10589	Proteobac	Alphap	Rhizc	Hypomicrobiaceae	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster11351	Proteobacteria	0	1	0	0	0	0	0	0	0	0	0	1
Cluster11358	Actinobac Actinol Solirub Solirubr Solirubrobacte	0	0	0	0	1	0	0	0	0	0	0	1
Cluster11359	Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11374	;size=2	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11381	Acidobact Acidobacteria_Gp5 Gp5	0	0	0	0	0	0	0	1	0	0	0	1
Cluster11387	Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11388	Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	1	1
Cluster11394	Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	0	1
Cluster11396	Proteobac Alphaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	1
Cluster11397	Acidobact Acidobacteria_Gp13 Gp13	1	0	0	0	0	0	0	0	0	0	0	1
Cluster11398	Bacteroidetes	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11401	Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	1
Cluster11403	Proteobacteria	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11412	Proteobac Betapr Burkholderiales	0	0	0	0	0	0	1	0	0	0	0	1
Cluster11419	Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	1
Cluster11423	Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	1	0	0	0	0	0	0	0	0	1
Cluster11424	Proteobac Gammaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	1
Cluster11425	Bacteroid SpHING Sphir SpHINGo Mucilaginibact	0	0	0	0	0	0	1	0	0	0	0	1
Cluster11426	Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	1
Cluster11452	;size=2	0	0	0	0	0	0	0	0	0	0	1	1
Cluster11461	;size=6	0	0	0	0	0	0	1	0	0	0	0	1
Cluster11470	Proteobac Alphap Caulc Cauloba Phenyllobacter	0	0	0	0	0	0	1	0	0	0	0	1
Cluster11475	Proteobac Betapr Neiss Neisseriaceae	0	0	0	0	0	0	1	0	0	0	0	1
Cluster11476	Proteobac Betaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	1
Cluster11477	Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	1	0	0	0	1
Cluster11495	Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11498	Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	1
Cluster11499	;size=1	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11509	Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	1

Cluster11512;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11515 Chlamydi: Chlamy Chlamydiales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster11519 Proteobac Alphaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11523 Actinobac Actinoi Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11535 Proteobac Alpha: Rhodospirillales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster11545 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11550 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster11552 Proteobac Alpha: Rhizobiales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster11558 Proteobac Gammaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11568 Acidobact Acidobacteria_Gp5 Gp5	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11577 Proteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11578 Verrucom Spartobacteria Spartobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11579;size=10	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster11581 Planctom: Planct: Planct: Planctoi Planctomyces	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11587 Acidobact Acidobacteria_Gp13 Gp13	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11590 Verrucom Opitutae	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster11600 Acidobact Acidobacteria_Gp10 Gp10	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster11604 Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster11621 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster11631 Proteobac Alpha: Rhodospirillales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster11641 Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster11651;size=2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster11657 Acidobact Acidobacteria_Gp7 Gp7	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster11659 Proteobac Alphaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster11664 Proteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11665 Proteobac Alpha: Rhizobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster11671 OP11 OP11_genera_	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster11673 Armatimonadetes Armatimonade	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11675 Chloroflex: Ktedor Ktedonobacteriales	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster11677	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	1
Cluster11701	Acidobact	Acidobacteria_Gp1 Edaphobacter	0	0	0	0	0	0	0	1	0	0	1
Cluster11703	Verrucom	Opitutu; Opitu; Opituta Opitutus	0	0	0	0	1	0	0	0	0	0	1
Cluster11704	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	1
Cluster11714	Planctom	Planct; Planc; Planctomycetaceae	0	0	0	0	0	1	0	0	0	0	1
Cluster11721	Proteobac	Betapr Burk; Burkholderiaceae	1	0	0	0	0	0	0	0	0	0	1
Cluster11728	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	1
Cluster11729	Proteobacteria		0	0	0	0	0	0	0	1	0	0	1
Cluster11732	Proteobac	Gammaproteobacteria	0	0	0	0	0	1	0	0	0	0	1
Cluster11738	Acidobacteria		0	0	0	0	1	0	0	0	0	0	1
Cluster11740	Acidobact	Acidobacteria_Gp6 Gp6	0	0	0	0	0	1	0	0	0	0	1
Cluster11746	Proteobac	Betaproteobacteria	0	0	0	0	0	1	0	0	0	0	1
Cluster11749	Verrucom	Spartobacteria Spartobacteria	0	0	0	0	0	0	1	0	0	0	1
Cluster11750	Proteobacteria		0	0	0	0	1	0	0	0	0	0	1
Cluster11755	Proteobac	Alphap Rhodospirillales	0	0	0	0	0	0	1	0	0	0	1
Cluster11758;size=1			0	0	0	0	0	0	1	0	0	0	1
Cluster11759	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	1
Cluster11763;size=1			0	0	0	0	0	0	0	0	1	0	1
Cluster11767	Acidobact	Acidobacteria_Gp3	0	0	0	0	0	0	1	0	0	0	1
Cluster11778	Proteobac	Alphap Rhodospirillales	0	0	0	0	0	0	1	0	0	0	1
Cluster11780	Proteobac	Alphap Caul; Cauloba; Caulobacter	0	0	0	0	0	0	0	0	1	0	1
Cluster11781	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	1
Cluster11787	Proteobac	Alphap Rhodospirillales	0	0	0	0	0	0	0	0	1	0	1
Cluster11788	Proteobac	Alphap Alphaproteob; Rhizomicrobiu	0	0	1	0	0	0	0	0	0	0	1
Cluster11802	Acidobact	Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	1
Cluster11804	Acidobact	Acidobacteria_Gp3	0	0	0	0	1	0	0	0	0	0	1
Cluster11811	Proteobac	Betaproteobacteria	0	0	0	0	0	0	0	0	1	0	1
Cluster11816	Acidobacteria		0	0	0	0	0	0	1	0	0	0	1
Cluster11817	Acidobact	Acidobacteria_Gp1 Gp1	0	0	0	0	1	0	0	0	0	0	1

Cluster11821Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster11824;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11826Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11827Proteobac Alphap Rhizobiales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11831Acidobact Acidobacteria_Gp6 Gp6	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster11832Proteobac Deltap Bde11 Bde11 Bde11	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster11850Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster11855Proteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11860Armatimc Armati Arma Armatin Armatimonas/	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster11863Actinobac Actinol Solirubrobacterales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster11865Proteobac Alphap Rhodospirillales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster11869;size=3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster11872Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11882Proteobac Alphap Rhizobiales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11894Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster11897Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11904Proteobac Alphap Rhod Rhodos Dongia	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11913Actinobac Actinobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster11918Proteobac Alphap Caulc Caulobz Phenylobacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster11919;size=3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11920Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11927Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster11933Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster11934Proteobac Betapr Burkholderiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster11939;size=3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster11940Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster11942Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster11944Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster11947;size=1	0	0	0	0	0	0	0	0	0	1	0	0	1

Cluster12802	Acidobact	Acidobacteria_Gp1	Granulicella	0	0	1	0	0	0	0	0	0	0	0	1
Cluster12804	Acidobact	Acidobacteria_Gp1	Gp1	0	1	0	0	0	0	0	0	0	0	0	1
Cluster12810	Acidobact	Acidobacteria_Gp1	Acidobacteriur	1	0	0	0	0	0	0	0	0	0	0	1
Cluster12820	Proteobacteria			0	0	0	0	0	0	0	0	0	1	0	1
Cluster12822	Acidobact	Acidobacteria_Gp1	Edaphobacter	1	0	0	0	0	0	0	0	0	0	0	1
Cluster12824	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	0	0	0	1	0	1
Cluster12825	size=1			0	0	1	0	0	0	0	0	0	0	0	1
Cluster12831	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	1
Cluster12835	size=2			0	0	0	1	0	0	0	0	0	0	0	1
Cluster12848	Proteobac	Deltap	Myxococcales	0	0	1	0	0	0	0	0	0	0	0	1
Cluster12849	size=1			0	0	0	0	0	0	0	0	0	0	1	1
Cluster12857	Proteobac	Betapr	Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	0	0	1	0	1
Cluster12860	Proteobac	Betapr	Burkl Oxalobacteraceae	0	0	0	0	0	0	0	0	0	1	0	1
Cluster12864	Proteobac	Alphap	Rhizc Xanthol Labrys	0	0	0	0	0	0	1	0	0	0	0	1
Cluster12873	Acidobact	Acidobacteria_Gp1	Gp1	0	1	0	0	0	0	0	0	0	0	0	1
Cluster12897	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	1	0	0	0	1
Cluster12901	Acidobact	Acidobacteria_Gp1		0	0	0	0	0	0	0	0	0	0	1	1
Cluster12903	Acidobact	Acidobacteria_Gp1		0	0	1	0	0	0	0	0	0	0	0	1
Cluster12904	Actinobac	Actinol	Solirubrobacterales	0	0	0	0	0	0	0	0	0	1	0	1
Cluster12913	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	0	0	0	0	1	1
Cluster12916	Acidobact	Acidobacteria_Gp3	Gp3	0	0	1	0	0	0	0	0	0	0	0	1
Cluster12922	Proteobacteria			0	0	1	0	0	0	0	0	0	0	0	1
Cluster12923	Acidobact	Acidobacteria_Gp1		0	0	1	0	0	0	0	0	0	0	0	1
Cluster12925	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	0	0	1	1
Cluster12926	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	1	0	0	0	0	1
Cluster12928	Acidobact	Acidobacteria_Gp3	Bryobacter	0	1	0	0	0	0	0	0	0	0	0	1
Cluster12932	Verrucom	Subdivision3	Subdivision3_ξ	0	0	0	0	0	0	0	0	0	1	0	1
Cluster12933	Proteobac	Alphap	Rhizc Rhizobi; Bauldia	0	0	0	0	0	0	0	0	0	0	1	1
Cluster12935	Proteobac	Alphap	Rhizobiales	0	0	0	0	0	0	0	0	0	1	0	1

Cluster14007 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster14011;size=5	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14013 Chloroflex Ktedon Ktedonobacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14016 Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster14017 Gemmatir Gemm Geml Gemma Gemmatimonas	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14019 Acidobact Acidobacteria_Gp3 Gp3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14022 Proteobac Betapr Burkholderiaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14023 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14031 TM7 TM7_genera_i	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14038 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14039 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14042 Chlamydia Chlamy Chlar Parachl Parachlamydia	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14043 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14046 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14048 Nitrospira Nitrosq Nitro Nitrospi Nitrospira	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14050 Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster14051 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster14055;size=3	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster14057 Proteobac Betaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14063 Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster14064 Proteobac Deltap Myxococcales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14074 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14075 Proteobac Betapr Burkholderiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14076 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14079 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14080 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster14086;size=3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14088 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14089 Acidobact Acidobacteria_Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster14093 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14097;size=1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster14106 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14110 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14120 Planctom Planct Planc Planctomycetaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14123 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14125;size=11	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster14131 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster14133 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14134 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14140 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14141 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14142;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14144 Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster14156 Verrucom Subdivision3 Subdivision3_ξ	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14159 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14166 Acidobact Acidobacteria_Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster14178 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14181 Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster14186 Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14187 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster14190;size=4	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14206 Proteobac Gammaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14225 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster14235 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14239 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14241;size=8	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14249 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14252 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster14583;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14600 Proteobac Betapr Burk Oxalobacteraceae	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster14605 Acidobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14613 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14614 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster14615 Bacteroid Sphing Sphir Chitino Sediminibacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14620 Proteobac Alpha Rhizomicrobiu	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster14623 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14631 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14632 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14651 Proteobac Deltaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14660 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14662 Chloroflex Ktedon Ktedon Ktedonobacter	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster14670 Acidobact Acidobacteria_Gp1 Acidobacteriu	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14672 Proteobac Alpha Rhod Acetobacteraceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14676 Verrucom Spartobacteria Spartobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14677 Actinobac Actin Solir Conexib Conexibacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster14687 Proteobac Alpha Rhiz Beijerinckiaaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14689;size=3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster14692 Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster14693 Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster14694 Proteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14707;size=5	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14714;size=3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14719 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14721 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14725 Proteobac Alpha Rhod Acetob Acidocella	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster14727 Proteobac Alpha Rhizobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster14737 Proteobac Alpha Rhiz Xantho Labrys	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster14926;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14933 Proteobac Deltap Bdeli Bdellovi Bdellovibrio	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14935 Acidobact Acidobacteria_Gp7 Gp7	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster14939 Acidobact Acidobacteria_Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster14943 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14946;size=4	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14948 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14953 Actinobac Actinobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster14971 Proteobac Betapr Burkl Oxalobacteraceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster14978;size=3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster14989 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster15000 Acidobact Acidobacteria_Gp3 Gp3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster15001;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15008 Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15019;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15023 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15039 Gemmatir Gemm Geml Gemma Gemmatimonas	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15040 Proteobac Alphap Rhod Rhodospirillaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15041 Actinobac Actinol Acidi Acidimii Aciditerrimonas	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15047 Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15051 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster15052 Planctom Planct Planc Plancto Zavarzinella	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15053 Proteobac Betaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15062;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15063 Proteobac Gamm Xanti Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster15068;size=2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster15070 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster15076 Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15077;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster15078 Proteobac Gamm Legio Coxiella Coxiella	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15080 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15083 Acidobact Acidobacteria_Gp10 Gp10	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15096 Proteobac Alphaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15097 Nitrospira Nitrospir Nitro Nitrospira Nitrospira	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15108 Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15140 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15142;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15143 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15149;size=7	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15161 Actinobac Actinol Acidimicrobiales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15170 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster15173 Proteobac Deltaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15182 Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15185 Verrucom Opirit: Opirit Opirituta Opiritutus	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster15187 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15188 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15193 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15195 Proteobac Alphap Rhod Acetob: Acidisphaera	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster15199;size=2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15201 Verrucom Opirit: Opirit Opirituta Opiritutus	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15204;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15207 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster15215 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster15216 Proteobac Alphap Sphir Sphingomonadaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15219 Proteobac Gamm Xantl Sinobac Nevskia	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster15230 Proteobac Deltap Bdell Bdellovi Bdellovibrio	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15237 Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15239 Armatimc Chthor Chth: Chthon: Chthonomona:	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster15240 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster15246;size=1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15248 Bacteroid Sphing Sphir Chitinoꝝ Flavihumibacte	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15250 Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15252 Proteobac Alphap Rhizobiales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15256;size=2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15261 Acidobact Acidobacteria_Gp10 Gp10	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15263 Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15265 Proteobac Alphap Rhod Acetobacteraceae	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15267 Proteobac Alphap Rhizobiales	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15268 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15270 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15275 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster15278 Proteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15280 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15283 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15285;size=4	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster15286 Armatimonadetes Armatimonade	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15290 Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15296;size=1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15298 Verrucom Opitut: Opiti Opituta Opitutus	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15300 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15301 Proteobac Betaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15302 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15306 Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15309 Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15314 Acidobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15320 Proteobac Betapr Burkl Burkhol Burkholderia	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15323 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster15425	Armatimonadetes	Armatimonade	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15429	Acidobact	Acidobacteria_Gp5	Gp5	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15434	Proteobac	Alphaproteobacteria		0	0	0	0	0	0	1	0	0	0	0	1
Cluster15436	Acidobact	Acidobacteria_Gp2	Gp2	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15453	Proteobac	Gamm Xanti	Xanthomonadaceae	0	0	0	0	1	0	0	0	0	0	0	1
Cluster15467	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15474	Proteobac	Deltap	Myxococcales	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15477	Acidobact	Acidobacteria_Gp1		0	0	0	0	0	1	0	0	0	0	0	1
Cluster15478	Actinobac	Actinol	Actinomycetales	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15482	Proteobac	Alphaproteobacteria		0	0	0	0	0	1	0	0	0	0	0	1
Cluster15484	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15485	;size=1			0	0	0	0	0	0	0	0	0	0	1	1
Cluster15497	Proteobac	Deltaproteobacteria		0	0	0	1	0	0	0	0	0	0	0	1
Cluster15500	Chlamydi	Chlamy	Chlar Parachlamydiaceae	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15504	Acidobact	Acidobacteria_Gp1		0	0	0	0	0	0	1	0	0	0	0	1
Cluster15513	;size=1			0	0	0	0	0	0	1	0	0	0	0	1
Cluster15514	Proteobacteria			0	1	0	0	0	0	0	0	0	0	0	1
Cluster15516	Proteobac	Gamm Pseu	Pseudor Rugamonas	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15518	;size=3			0	0	0	0	0	0	1	0	0	0	0	1
Cluster15519	;size=2			0	0	1	0	0	0	0	0	0	0	0	1
Cluster15520	Proteobac	Gamm Xanti	Sinobac Steroidobacter	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15521	Acidobact	Acidobacteria_Gp1		1	0	0	0	0	0	0	0	0	0	0	1
Cluster15523	Proteobac	Gammaproteobacteria		1	0	0	0	0	0	0	0	0	0	0	1
Cluster15525	;size=1			0	0	0	0	0	0	1	0	0	0	0	1
Cluster15527	;size=1			1	0	0	0	0	0	0	0	0	0	0	1
Cluster15532	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15533	Chlamydi	Chlamy	Chlamydiales	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15541	Acidobact	Acidobacteria_Gp3	Bryobacter	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15547	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	1	0	0	0	0	0	1

Cluster15552 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15557 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15562 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15563 Proteobac Alphap Sphir Sphingomonadaceae	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15564;size=1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster15568 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster15571;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15574;size=2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15583 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15589 Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15594 Proteobac Alphap Rhizobiales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15597;size=3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster15602 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15604 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster15605 Bacteroid Sphing Sphir Chitinophagaceae	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15623 Acidobact Acidobacteria_Gp1 Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15630 Actinobac Actino1 Soliru Solirubr Solirubrobacte	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15636;size=2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15641 Proteobac Betapr Burkl Oxalobacteraceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15642;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15644;size=2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15647;size=2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15657;size=4	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster15662;size=4	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15666 Firmicute: Bacilli Bacill Paeniba Paenibacillus	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15669 Proteobac Gamm Legio Legione Legionella	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15675 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15682 Proteobac Alphap Rhizc Xanthol Pseudolabrys	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15693;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster15694	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	1	0	0	0	0	1	
Cluster15696	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	0	0	1	1	
Cluster15697	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	1	0	0	0	0	1	
Cluster15705	Verrucom	Opitut: Opitu	Opituta	Opitutus	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15707	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15708	;size=6			0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15709	Acidobact	Acidobacteria_Gp1		0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster15711	Proteobac	Betaproteobacteria		0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15713	Acidobact	Acidobacteria_Gp1	Granulicella	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster15714	Proteobac	Alphap Rhod	Acetob: Acidisphaera	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15715	Bacteroid	Sphing Sphir	Chitinophagaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15723	;size=1			0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15726	Proteobac	Alphap Rhizobiales		0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15731	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15741	;size=1			0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15743	Bacteroid	Sphing Sphir	Chitinophagaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15749	Proteobac	Betapr	Burkl Burkholderiaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15758	Proteobac	Alphaproteobacteria		0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15761	Verrucom	Opitutae		0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15764	Bacteroid	Sphing Sphir	Chitinophagaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15768	Gemmatir	Gemm Gem	Gemma Gemmatimon	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15787	Proteobac	Deltap	Myxococcales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster15790	Proteobac	Alphap Rhizobiales		0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15803	Proteobacteria			0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster15810	Acidobact	Acidobacteria_Gp2	Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster15816	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15823	;size=1			0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15837	Acidobact	Acidobacteria_Gp1	Granulicella	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15851	;size=2			0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster15855 Chlamydia Chlamy Chlar Parachlamydiaceae	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15856 Proteobac Alphap Rhodospirillales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15859 Proteobac Betaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15862 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15871 Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15892;size=2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster15900 Armatimonadetes Armatimonade	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster15907 Proteobac Alphap Sphir Sphingomonadaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15908 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15910 Proteobac Deltaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15927;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15928;size=9	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster15934;size=3	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15939 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster15943 Proteobac Alphap Rhizc Bradyrh Bradyrhizobiur	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster15945 Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15953 Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster15960 Actinobac Actinol Actin Nocardia Rhodococcus	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster15967 Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster15972;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster15976 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster15996 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster16000 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster16003 Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster16006;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster16013 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16017;size=3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16018 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster16020 Proteobac Gammaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster16301	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16305	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	1	0	0	1
Cluster16307	Proteobac	Alphap	Rhod Rhodospirillaceae	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16309	Bacteroid	Sphing Sphir	Chitinophagaceae	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16310	Proteobac	Betaproteobacteria		0	0	0	1	0	0	0	0	0	0	0	1
Cluster16326	;size=3			0	0	0	1	0	0	0	0	0	0	0	1
Cluster16327	;size=3			0	0	0	0	0	0	0	0	0	1	0	1
Cluster16332	;size=6			0	0	1	0	0	0	0	0	0	0	0	1
Cluster16353	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16354	Proteobac	Deltaproteobacteria		0	0	0	0	0	0	0	0	0	1	0	1
Cluster16368	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	1	0	0	0	0	0	0	1
Cluster16370	Proteobac	Alphap	Rhizobiales	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16372	Actinobac	Actinol	Solirt Conexib Conexibacter	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16376	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16379	Actinobac	Actinol	Actinomycetales	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16387	Proteobac	Betaproteobacteria		0	0	0	0	1	0	0	0	0	0	0	1
Cluster16389	Proteobac	Alphaproteobacteria		0	0	1	0	0	0	0	0	0	0	0	1
Cluster16394	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16400	;size=2			0	0	1	0	0	0	0	0	0	0	0	1
Cluster16404	Proteobac	Alphap	Caulc Caulobæ Phenylobacter	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16413	Verrucom	Opiritae		0	0	0	1	0	0	0	0	0	0	0	1
Cluster16414	Actinobac	Actinol	Acidimicrobiales	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16422	Actinobac	Actinol	Solirt Conexib Conexibacter	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16424	;size=2			0	0	0	0	0	0	0	0	0	1	0	1
Cluster16430	Actinobac	Actinol	Solirubrobacterales	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16432	Bacteroid	Sphing Sphir	Chitinophagaceae	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16434	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	0	0	0	0	0	1
Cluster16438	Acidobact	Acidobacteria_Gp1		0	0	0	1	0	0	0	0	0	0	0	1
Cluster16439	Verrucom	Subdivision3	Subdivision3_ξ	0	0	0	0	0	0	0	0	1	0	0	1

Cluster16584 Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster16590 Acidobact Acidobacteria_Gp6 Gp6	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16595 Acidobact Acidobacteria_Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16596;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16601 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16603 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster16610;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16614 Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16627 Acidobact Acidobacteria_Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster16628 Proteobac Alphap Rhod Acetob: Acidisphaera	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16637 Proteobac Alphap Rhizc Methylocystaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16642 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster16647 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16650 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster16652 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16654 Actinobac Actinol Actin Mycoba Mycobacteriur	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16660 Proteobac Alphap Rhizobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster16661 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16666 Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16669 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster16672 Proteobac Deltap Myxc Polyangiaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16678;size=2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16686 Proteobac Alphap Rhodospirillales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16687 Proteobac Alphap Rhizobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster16688 Proteobac Betapr Burkl Oxalobacteraceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster16692 Actinobac Actinol Actin Pseudonocardiaaceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16696 Proteobac Alphap Rhizc Rhizobi: Vasilyevaea	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster16698 Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster16703 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster16707 Proteobac Deltap Myxc Polyangiaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16713;size=2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16715 Proteobac Deltap Myxc Polyangiaceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16720;size=1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster16727;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16733 Verrucom Spartobacteria Spartobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16734 Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16744 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16749 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16751 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster16757 Chlamydi: Chlamy Chlar Parachl: Parachlamydia	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster16758 Proteobac Deltap Myxococcales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16762 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16767 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16769 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster16770 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster16772 Proteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster16773 Proteobac Betapr Burkl Oxalobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16775 Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16781;size=2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16788 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16789;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16793 Proteobac Betaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster16797 Acidobact Acidobacteria_Gp13 Gp13	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16809 Proteobac Deltap Myxococcales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster16810 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16814 Proteobac Gamm Xanthomonadales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster16821 Acidobact Acidobacteria_Gp1 Granulicella	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16827 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster16831	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16832	Gemmatir	Gemm Gemm Gemma Gemmatimonas	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16835	Acidobact	Acidobacteria_Gp10 Gp10	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16838	Acidobact	Acidobacteria_Gp1 Edaphobacter	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16855	Proteobac	Betapr Rhod Rhodocyclaceae	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16859	Proteobac	Gammaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16866	Proteobac	Alphap Rhod Acetobac Acidisphaera	0	0	0	0	0	0	0	1	0	0	0	1
Cluster16874	Acidobact	Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	0	0	0	1
Cluster16876	Acidobact	Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	1	0	0	1
Cluster16878	Proteobac	Alphaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	1
Cluster16880	Proteobac	Gammaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	1
Cluster16881	;size=1		0	0	0	0	1	0	0	0	0	0	0	1
Cluster16884	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	1
Cluster16889	Acidobact	Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16895	Proteobac	Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16897	Acidobact	Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16902	Acidobacteria		0	0	0	0	0	0	0	0	0	1	0	1
Cluster16917	Proteobac	Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	1
Cluster16918	Proteobac	Deltaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	1
Cluster16923	Acidobact	Acidobacteria_Gp1	0	1	0	0	0	0	0	0	0	0	0	1
Cluster16926	Chloroflex	Ktedor Ktedonobacterales	0	0	0	0	0	1	0	0	0	0	0	1
Cluster16927	Proteobac	Betapr Burkl Burkhol Burkholderia	0	0	0	0	1	0	0	0	0	0	0	1
Cluster16928	Acidobact	Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	0	0	0	0	1
Cluster16942	Proteobac	Alphap Alphaproteob Rhizomicrobiu	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16951	Bacteroid	Sphing Sphir Chitino Flavitalea	0	0	0	1	0	0	0	0	0	0	0	1
Cluster16958	Proteobac	Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16959	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	1
Cluster16967	;size=1		0	0	0	1	0	0	0	0	0	0	0	1
Cluster16969	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	1

Cluster17625 Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster17643 Actinobac Actinol Actinomycetales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster17660 Acidobact Acidobacteria_Gp10 Gp10	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17664;size=2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster17668 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster17672;size=1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster17679 Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster17683 Acidobact Acidobacteria_Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster17685 Proteobac Deltap Myxc Polyangiaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster17693 Acidobact Acidobacteria_Gp1 Granulicella	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster17699 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster17702 Proteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster17705 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster17709 Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster17714 Armatimonadetes Armatimonade	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster17715 Acidobact Acidobacteria_Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster17717 Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster17718 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17719 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster17725 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17747 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster17754 Actinobac Actinol Soliru Conexib Conexibacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster17755 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17757 Chloroflex Ktedor Ktedo Thermo Thermosporot	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster17761;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17786 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17795 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster17796 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster17797 Actinobac Actinol Actin Nocardia Nocardia	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster17801 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17805 Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17811 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster17814 Acidobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17829 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17831 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17832 Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17833 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17835 Proteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17840 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17841 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster17842 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17847;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17850 Proteobac Alphap Rhizc Beijerinckiaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster17852 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster17868 Acidobact Acidobacteria_Gp3 Gp3	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster17873 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster17874 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17876 Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17877 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster17883 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17886 Proteobac Gamm Legio Legione Legionella	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster17892 Proteobac Alphap Alphaproteo Rhizomicrobiu	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17893 Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster17901 Proteobac Alphap Rhod Rhodos Dongia	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17903 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster17912;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17913 Actinobac Actinol Solirt Solirubr Solirubrobacte	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17917 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster17919 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17923 Verrucom Opitut; Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster17927 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster17942 Actinobac Actinol Soliru Solirubr Solirubrobacte	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster17945 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster17952 Proteobac Alphaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster17954 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster17962 Proteobac Betaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster17965 Acidobact Acidobacteria_Gp3 Gp3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster17967;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster17968 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster17971 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster17976 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster17984 Proteobac Deltap Bdell Bdellovi Bdellovibrio	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster17987 Bacteroid Sphing Sphingobacteriales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster17995 Proteobac Alphap Rhizobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster17998 Armatimc Armati Arma Armatin Armatimonas/	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18004 Actinobac Actinol Acidi Acidimi Aciditerrimon	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18016 Proteobac Gamm Xanti Xanthor Stenotrophom	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18018 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18024;size=2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18029 Proteobac Alphap Rhizc Hyphon Rhodoplanes	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18035 Proteobac Betapr Burkholderiales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18036 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18039 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18044 Chloroflex Ktedor Ktedc Ktedonc Ktedonobacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18053 Proteobac Gamm Xanti Sinobacteraceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18057;size=5	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18059 TM7 TM7_genera_i	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster18060 Proteobac Deltaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster18063 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18069 Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18073 Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster18082 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18085 Proteobac Alphap Rhizc Methylc Methylosinus	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18097 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18121 Cyanobac Chloroplast Chlorop Streptophyta	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18125;size=4	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster18126 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18128 Actinobac Actinol Actin Actinos Actinospica	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster18137 OD1 OD1_genera_i	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18138 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18139;size=3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18145 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18152 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18161 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18167 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18171 Proteobac Betapr Burkl Burkhof Ralstonia	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18182 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18183 Verrucom Opitut: Opitit Opituta Opitutus	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18190 TM7 TM7_genera_i	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster18191 Acidobact Acidobacteria_Gp3	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster18206 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18209 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18212 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18217 Proteobac Alphap Caulc Caulobacteraceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster18219 Proteobac Alphaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster18235 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster18236	TM7	TM7_genera_i	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18240	Proteobac	Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18242	Acidobact	Acidobacteria_Gp1 Edaphobacter	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster18248	Chlamydi	Chlamy Chlar Parachlamydiaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster18252	Proteobac	Alphap Rhizc Methylc Methylocystis	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18257	;size=1		0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18258	Proteobac	Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18262	Proteobac	Deltap Myxc Polyangiaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18268	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18270	Acidobact	Acidobacteria_Gp1 Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster18274	Actinobac	Actinol Actinomycetales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster18284	Proteobac	Alphap Rhod Rhodospirillaceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18292	Proteobac	Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18297	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster18298	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18300	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18307	Proteobac	Deltap Myxc Polyangiaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18317	Proteobac	Alphaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster18319	Actinobac	Actinobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18322	Proteobac	Alphap Rhod Acetobz Acidisphaera	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18325	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18328	Acidobact	Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18329	TM7	TM7_genera_i	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster18330	Actinobac	Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster18338	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18348	Proteobac	Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18353	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18356	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18357	Proteobac	Alphap Rhizobiales	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster18359	Armatimc Chthor Chtho Chthono Chthonomona	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18361	Proteobac Betapr Burkl Burkhol Paucimonas	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18362	Proteobac Alphap Rhod Acetobz Acidisphaera	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster18364	Proteobac Alphap Rhodospirillales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18369	Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18371	Proteobac Gammaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18373	Proteobac Alphap Rhod Rhodos Telmatospirillu	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18382	Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18385	Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18387	Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18388	Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18389	Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18395	Bacteroidetes	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18397	Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18399	Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18400	Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18406	Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster18408	Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18411	Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18420	Proteobac Betapr Rhod Rhodocyclaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster18427	Proteobac Gamm Xantl Sinobac Steroidobacter	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster18430	Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18432	Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18438	Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster18448	Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18451	Proteobac Alphap Alphaproteot Rhizomicrobiu	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18458	Bacteroid Sphing Sphir Cytophz Adhaeribacter	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster18463	Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18474	Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster18478 Acidobact Acidobacteria_Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18483 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18495 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18498 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18499 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18502;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18503 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18507 Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster18518 Verrucom Subdivision3 Subdivision3_ε	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster18519 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18521 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18525 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18528 Proteobac Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18541 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18543 Acidobact Acidobacteria_Gp13 Gp13	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18545;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18548 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18552 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster18556 Chlamydi: Chlamy Chlar Parachlamydiaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster18560 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18562 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18571 Proteobac Deltap Bdell Bdellovi Bdellovibrio	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18574 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18575 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18578 Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster18581 Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18590 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18592 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18594 Proteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster18609 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18612;size=1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18620;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18630 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18634 Proteobac Alphap Rhizc Bradyrh Bosea	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18653 Actinobac Actinol Solirub Solirubr Solirubrobacte	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster18655 Acidobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18669 Actinobac Actinol Actin Actinos Actinospica	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18676 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster18691 Acidobact Acidobacteria_Gp3 Gp3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster18704 Proteobac Deltap Myxococcales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18705;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster18707 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster18710 Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18716 Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18726 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18736 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18743 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18759;size=4	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18777 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18778;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18783 Proteobac Alphaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster18784 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster18790 Proteobac Gamm Legio Coxiella Aquicella	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18791 Armatimc Armati Arma Armatin Armatimonas/	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18805 Acidobact Acidobacteria_Gp3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster18815;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18817;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18823;size=1	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster18826	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	0	0	0	1	1
Cluster18831	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	1	0	0
Cluster18843			size=2	0	0	0	0	0	0	0	0	0	0	1
Cluster18851	Acidobact	Acidobacteria_Gp3		0	0	0	0	0	0	0	1	0	0	0
Cluster18856			size=3	0	0	0	0	0	0	0	0	0	0	1
Cluster18864	Proteobac	Gamm	Legio	Coxiella	Aquicella									
Cluster18865	Verrucom	Opitut	Opitut	Opituta	Opitutus									
Cluster18869	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	0	1	0
Cluster18871	Proteobac	Deltap	Bdell	Bdellovi	Bdellovibrio									
Cluster18876	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	0	1	0	0	0
Cluster18877	Acidobact	Acidobacteria_Gp1		0	0	0	0	0	0	0	1	0	0	0
Cluster18881	Proteobac	Betapr	Burkholderiales											
Cluster18883	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	0	0	1
Cluster18891	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	1	0	0	0	0	0
Cluster18893			size=12	0	0	0	0	0	1	0	0	0	0	0
Cluster18894	Gemmatir	Gemm	Gem	Gemma	Gemmatimonas									
Cluster18898	Chloroflex	Ktedor	Ktedo	Ktedon	Ktedonobacter									
Cluster18899			size=1	0	0	0	0	0	0	0	1	0	0	0
Cluster18901	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	0	1	0
Cluster18904	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	0	0	1	0	0
Cluster18905	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	1	0	0
Cluster18910	Acidobact	Acidobacteria_Gp5	Gp5	0	0	0	0	0	0	0	0	1	0	0
Cluster18911	Actinobac	Actinol	Actinomycetales											
Cluster18915			size=5	0	0	0	0	0	0	0	1	0	0	0
Cluster18918	Proteobac	Alphap	Rhod	Acetob	Acidisphaera									
Cluster18920	Proteobac	Alphap	Rhodospirillales											
Cluster18921	Acidobact	Acidobacteria_Gp3		0	0	0	0	1	0	0	0	0	0	0
Cluster18923	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	0	0	0	0	0	1	0
Cluster18927	Acidobact	Acidobacteria_Gp1		0	0	0	0	0	0	0	0	1	0	0

Cluster18932	Verrucom Subdivision3	Subdivision3_ξ	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18933	Proteobac	Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18937	Firmicute:	Bacilli Bacill Alicyclobacillaceae	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18939	Proteobac	Alphap Rhizobiales	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18944	Armatimonadetes	Armatimonade	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18947	Proteobacteria		0	0	0	0	0	0	0	1	0	0	0	1
Cluster18951	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	1
Cluster18953	Proteobac	Alphaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	1
Cluster18967;	size=3		0	0	0	0	0	1	0	0	0	0	0	1
Cluster18975	Proteobac	Betapr Rhod Rhodocyclaceae	0	0	0	0	1	0	0	0	0	0	0	1
Cluster18976	Bacteroid	Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	0	0	0	1	1
Cluster18984	Bacteroid	Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18986	Proteobac	Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	0	1	0	0	1
Cluster18989	Proteobac	Gamm Pseu Pseudomonadaceae	0	0	0	0	0	0	0	1	0	0	0	1
Cluster18994	Acidobact	Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	1
Cluster18998	Proteobac	Alphaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	1
Cluster18999;	size=3		0	0	0	0	0	0	1	0	0	0	0	1
Cluster19003	Acidobact	Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	1
Cluster19010	TM7	TM7_genera_i	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19011	Gemmatir	Gemm Gemı Gemma Gemmatimonad	0	0	0	0	0	0	0	0	0	1	0	1
Cluster19012	Acidobacteria		0	0	0	0	0	0	0	0	0	1	0	1
Cluster19014;	size=2		0	0	0	0	0	0	0	0	0	0	1	1
Cluster19017;	size=7		0	0	0	0	0	0	1	0	0	0	0	1
Cluster19019	Proteobac	Deltaproteobacteria	0	0	0	0	0	0	0	0	1	0	0	1
Cluster19028	Actinobac	Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	1	1
Cluster19032;	size=1		0	0	0	0	0	0	1	0	0	0	0	1
Cluster19038	Acidobact	Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	0	0	0	1
Cluster19039	Proteobac	Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	1
Cluster19043	Proteobac	Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	1	0	1

Cluster19052 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster19054 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster19072 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster19084 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster19088 Armatimc Chthor Chth Chthon Chthonomona	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster19089 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster19099 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19101;size=7	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19102 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster19103 Verrucom Opitut Opituta Opitutus	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster19110 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster19117 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster19129 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster19139 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19145 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19150 Proteobac Gamm Xant Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster19151 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster19152 Proteobac Alphap Caulc Caulob Caulobacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster19155 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster19156 Proteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster19166 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster19168 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster19169;size=1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster19170 Proteobac Gammaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19173 Proteobac Gamm Xant Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster19176 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19177 Proteobac Gammaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster19179 Proteobac Gamm Xant Sinobac Steroidobacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster19190 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster19378 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster19382 Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19383;size=4	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster19386 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19387 Proteobac Gammaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19389 Planctom Planct Planct Planctomycetaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19394 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19399;size=2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19408 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster19410 Proteobac Alphap Rhizobiales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19411 Proteobac Alphap Rhizc Bradyrh Agromonas	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19412 Actinobac Actinol Solir Solirubr Solirubrobacte	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19419 Proteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19422 Proteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19425 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster19426 Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster19431;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster19434 Proteobac Betaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster19442;size=3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster19452 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster19455 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19458 Proteobac Alphap Rhod Acetobz Acidisphaera	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19482 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster19483 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster19491 OD1 OD1_genera_i	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19494 Acidobact Acidobacteria_Gp3 Gp3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19507 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19517 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19519 Proteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster19911	Proteobac	Gammaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	1
Cluster19922	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	1
Cluster19928	Proteobac	Alphap	Rhod	Acetobacteraceae	0	0	1	0	0	0	0	0	0	1
Cluster19930	Proteobac	Alphap	Rhizc	Xanthol	Pseudolabrys	0	0	0	0	1	0	0	0	1
Cluster19936	Acidobact	Acidobacteria_Gp3	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19937	Proteobac	Alphap	Rhizobiales	0	0	0	1	0	0	0	0	0	0	1
Cluster19938	Acidobact	Acidobacteria_Gp1	Gp1	0	0	1	0	0	0	0	0	0	0	1
Cluster19942	size=1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19954	Proteobac	Alphap	Rhod	Acetobacteraceae	0	0	0	1	0	0	0	0	0	1
Cluster19956	Proteobac	Betaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	1
Cluster19971	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	0	0	0	0	1
Cluster19974	Bacteroid	Sphing	Sphir	Sphingo	Pedobacter	0	0	1	0	0	0	0	0	1
Cluster19978	size=1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster19979	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	0	1	1
Cluster19995	Proteobac	Deltap	Myxc	Polyangiaceae	0	0	1	0	0	0	0	0	0	1
Cluster19996	Proteobac	Gamm	Xantl	Xanthor	Frateuria	0	0	0	0	0	1	0	0	1
Cluster20009	Proteobac	Betapr	Burkl	Burkhol	Burkholderia	0	0	1	0	0	0	0	0	1
Cluster20012	Proteobac	Alphap	Rhizc	Methylocystaceae	0	0	0	0	0	1	0	0	0	1
Cluster20015	Proteobac	Alphap	Rhizc	Bradyrhizobiaceae	0	0	1	0	0	0	0	0	0	1
Cluster20018	Proteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster20019	size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20020	size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster20021	Proteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster20028	Chlamydi	Chlamy	Chlar	Parachlamydiaceae	0	0	1	0	0	0	0	0	0	1
Cluster20030	Acidobact	Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20036	Proteobac	Alphap	Rhod	Acetob	Acidisphaera	0	0	0	0	1	0	0	0	1
Cluster20039	Acidobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster20041	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	1	0	0	0	0	1
Cluster20049	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	1

Cluster20785 Proteobac Deltap Myxococcales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster20787 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster20788 Proteobac Alphaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster20789 Proteobac Alphaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20791;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster20793 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster20796 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster20799 Acidobact Acidobacteria_Gp3 Gp3	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster20804 Proteobac Deltaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster20806 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster20811 Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster20816;size=3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster20819 Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20825 Acidobact Acidobacteria_Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster20834 Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20841 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20843 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20852 Proteobac Alphap Rhizobiales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster20861 Actinobac Actinol Solirubrobacterales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster20863 Acidobact Acidobacteria_Gp10 Gp10	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster20868 Proteobac Alphap Rhod Acetob: Acidisphaera	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20878 Proteobac Gammaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20889;size=3	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster20892 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20895 Proteobac Betaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster20898 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20903 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster20904 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster20907 Actinobac Actinol Acidimicrobiales	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster21070	Acidobact	Acidobacteria_Gp2	Gp2	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21071	Proteobac	Betapr	Burkl Oxalobacteraceae	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21074	Proteobac	Gammaproteobacteria		1	0	0	0	0	0	0	0	0	0	0	1
Cluster21080	Proteobac	Deltap	Myxc Polyangiaceae	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21082	Proteobac	Alphap	Rhodospirillales	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21084	TM7		TM7_genera_i	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21086	Actinobac	Actinol	Actinomycetales	0	0	0	0	0	1	0	0	0	0	0	1
Cluster21090	Acidobact	Acidobacteria_Gp3		0	0	0	0	1	0	0	0	0	0	0	1
Cluster21094	Firmicute	Bacilli	Bacill Paeniba Paenibacillus	0	0	0	0	0	0	0	1	0	0	0	1
Cluster21098	Nitrospira	Nitros	Nitro Nitrospi Nitrospira	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21101	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21102	Actinobac	Actinol	Actin Actinos Actinospica	0	0	0	0	0	0	1	0	0	0	0	1
Cluster21104	Proteobacteria			0	1	0	0	0	0	0	0	0	0	0	1
Cluster21109	TM7		TM7_genera_i	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21117	Proteobacteria			0	0	1	0	0	0	0	0	0	0	0	1
Cluster21126	Acidobact	Acidobacteria_Gp3		0	0	0	1	0	0	0	0	0	0	0	1
Cluster21139	Actinobac	Actinol	Actinomycetales	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21150	Proteobac	Deltaproteobacteria		0	1	0	0	0	0	0	0	0	0	0	1
Cluster21153	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21155	;size=1			0	1	0	0	0	0	0	0	0	0	0	1
Cluster21156	;size=3			1	0	0	0	0	0	0	0	0	0	0	1
Cluster21157	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21158	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21160	Proteobac	Alphap	Rhodospirillales	0	0	0	0	0	0	1	0	0	0	0	1
Cluster21165	Acidobact	Acidobacteria_Gp1	Granulicella	0	0	0	1	0	0	0	0	0	0	0	1
Cluster21167	Proteobacteria			0	1	0	0	0	0	0	0	0	0	0	1
Cluster21172	Proteobac	Gamm	Xantl Sinobac Steroidobacter	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21181	Chlamydi	Chlamy	Chlar Parachl: Neochlamydia	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21182	Actinobac	Actinol	Solir Solirubr Solirubrobacte	0	0	0	0	0	0	1	0	0	0	0	1

Cluster21187	Actinobac	Actinol	Soliru	Solirubr	Solirubrobacte	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21192	Acidobact	Acidobacteria_Gp1	Edaphobacter			0	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21193	Proteobac	Alphap	Rhod	Acetobacteraceae		0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21204	Actinobac	Actinol	Acidimicrobiales			0	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21210	Proteobac	Alphap	Alphaproteok	Rhizomicrobiu		0	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21215	Acidobact	Acidobacteria_Gp2	Gp2			0	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster21225	Proteobac	Alphap	Rhod	Acetobz	Acidisphaera	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21234	Verrucom	Subdivision3	Subdivision3_ξ			0	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21243	Actinobac	Actinol	Solirubrobacterales			0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21253	Proteobac	Gammaproteobacteria				0	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster21254	Proteobac	Gammaproteobacteria				0	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster21255	Proteobac	Gammaproteobacteria				0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21266	Acidobact	Acidobacteria_Gp2	Gp2			0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21270	Acidobact	Acidobacteria_Gp3	Gp3			0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21272	Acidobact	Acidobacteria_Gp2	Gp2			0	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21275	Proteobac	Gamm	Xantf	Sinobac	Steroidobacter	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21279;size=1						0	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster21282	Proteobac	Alphap	Rhizobiales			0	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21285	Acidobact	Acidobacteria_Gp3	Gp3			0	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster21291	Proteobac	Gamm	Xantf	Xanthor	Frateuria	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21313	Proteobac	Betapr	Burkholderiales			0	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21318	Proteobac	Alphap	Rhod	Acetobacteraceae		0	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21322;size=1						0	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21328	Proteobac	Alphap	Rhizc	Hyphomicrobiaceae		0	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21336	Proteobac	Alphap	Rhod	Acetobacteraceae		1	0	0	0	0	0	0	0	0	0	0	0	0	1
Cluster21345	Acidobact	Acidobacteria_Gp10	Gp10			0	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21350	Acidobact	Acidobacteria_Gp1	Edaphobacter			0	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21361	Proteobac	Alphap	Alphaproteok	Rhizomicrobiu		0	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21365	Verrucom	Subdivision3	Subdivision3_ξ			0	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster21367	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	1	0	0	1
Cluster21369	Proteobac	Gammaproteobacteria		0	0	0	0	0	0	0	0	0	1	0	1
Cluster21374	Proteobac	Alphaproteobacteria		0	0	0	0	1	0	0	0	0	0	0	1
Cluster21388	Acidobact	Acidobacteria_Gp1		0	0	0	0	1	0	0	0	0	0	0	1
Cluster21391	Chlamydi	Chlamy	Chlar Parachl: Parachlamydia	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21394	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	1	0	0	0	0	1
Cluster21399	Proteobac	Alphap	Rhizc Beijerinckiaaceae	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21408	Acidobacteria			0	0	0	0	0	0	0	0	0	0	1	1
Cluster21410	Acidobact	Acidobacteria_Gp2	Gp2	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21415	Verrucom	Spartobacteria	Spartobacteria	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21418	Chlamydi	Chlamy	Chlamydiales	0	0	0	0	0	0	0	0	1	0	0	1
Cluster21421	Proteobac	Alphap	Rhod Acetobacteraceae	0	0	0	1	0	0	0	0	0	0	0	1
Cluster21432	Elusimicrc	Elusim	Elusimic Elusimicrobiun	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21441	Actinobac	Actinol	Solir: Conexib Conexibacter	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21444	Proteobac	Alphap	Alphaproteok Rhizomicrobiu	0	0	0	1	0	0	0	0	0	0	0	1
Cluster21450	Acidobact	Acidobacteria_Gp2	Gp2	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21456	Bacteroid	Sphing	Sphir Chitino: Sediminibacter	0	0	0	0	0	0	1	0	0	0	0	1
Cluster21459	Proteobac	Alphap	Sphir Sphingo Novosphingob	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21461	Acidobact	Acidobacteria_Gp6	Gp6	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21479	Proteobac	Betapr	Burkholderiales	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21484	Proteobac	Alphap	Caulc Caulob: Caulobacter	1	0	0	0	0	0	0	0	0	0	0	1
Cluster21486	Acidobact	Acidobacteria_Gp1		0	0	0	0	0	0	1	0	0	0	0	1
Cluster21494	Proteobac	Alphap	Alphaproteok Rhizomicrobiu	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21497	Chlamydi	Chlamy	Chlar Parachl: Parachlamydia	0	0	0	0	0	1	0	0	0	0	0	1
Cluster21498	Proteobac	Deltap	Myxococcales	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21500	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	0	1
Cluster21502	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21505	Acidobact	Acidobacteria_Gp1	Edaphobacter	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21511	Proteobac	Betapr	Burkl Oxalob: Undibacterium	0	0	0	0	1	0	0	0	0	0	0	1

Cluster21908 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster21914 Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster21920 Acidobact Acidobacteria_Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21926;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21929 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster21937;size=3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21938 Actinobac Actinol Solirubrobacterales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster21940 Actinobac Actinol Acidimicrobiales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21944 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21952 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster21957 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21960 Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21961 Proteobac Gamm Legio Coxiella Aquicella	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21964;size=3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster21967 Acidobact Acidobacteria_Gp1 Granulicella	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster21972 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster21974 Actinobac Actinol Solir Conexib Conexibacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster21978;size=3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster21979 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster21980 Bacteroid Bacteroidetes_incert Ohtaekwangia	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster21981 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster21992 Acidobact Acidobacteria_Gp1 Granulicella	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster21997 Proteobac Alphap Rhod Rhodospirillaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster22000 Chlamydi: Chlamy Chlar Parachlamydiaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22020 Chloroflex Ktedon Ktedon Ktedonobacter	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22030 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22041 Actinobac Actinol Solir Conexib Conexibacter	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22047 Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22055 Proteobac Alphap Caulc Cauloba Phenylbacter	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster22058 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22059 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster22075 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster22083;size=3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster22084 Chlamydi: Chlamy Chlar Parachlamydiaceae	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster22086 Proteobac Betapr Burk Oxalobz Massilia	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22087 Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22109;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22110 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22111 Chlamydi: Chlamy Chlamydiales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22113 Proteobac Alphap Alphaproteot Rhizomicrobiu	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22125 Acidobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster22127 Proteobac Gammaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22133 Acidobact Holopf Holoj Holoph: Geothrix	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster22140 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster22144 Proteobac Betapr Burk Burkholderiaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22147 Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22151 Proteobac Gammaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22158;size=5	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22159 Proteobac Gamm Legio Coxiellaceae	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster22161 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster22181 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster22184;size=7	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22188 Acidobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22191 Acidobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22204 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22205 Proteobac Alphap Caulc Caulobz Phenylobacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22206 Proteobac Alphap Caulc Caulobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22213 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster22216;size=4	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster22221 Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22222 Proteobac Betaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22225 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22237 Acidobact Acidobacteria_Gp1 Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster22241 Proteobac Betapr Burkl Burkholderiaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22242 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22245 Nitrospira Nitrosq Nitro Nitrospi Nitrospira	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster22246;size=7	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster22252 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22261 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22270 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22272 Proteobac Betapr Burkl Burkhol Paucimonas	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster22273 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22278 Proteobac Alphap Rhodospirillales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster22279;size=2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22281 Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22282 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22286 Acidobact Acidobacteria_Gp1 Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22287 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster22296 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster22301;size=1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22304;size=3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22305 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster22309 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster22312 Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22315 Actinobac Actinol Acidi Acidimii Aciditerrimona	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster22318 Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster22322 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster22790	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	1	0	0	0	1
Cluster22795	Proteobac	Alphap Rhod	Rhodospirillaceae	0	0	1	0	0	0	0	0	0	0	1
Cluster22805	Acidobact	Acidobacteria_Gp6	Gp6	0	0	1	0	0	0	0	0	0	0	1
Cluster22817	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	1	0	1
Cluster22820	Proteobac	Alphap Rhod	Acetobacteraceae	0	0	1	0	0	0	0	0	0	0	1
Cluster22823	Acidobact	Acidobacteria_Gp1		0	0	1	0	0	0	0	0	0	0	1
Cluster22824	Proteobac	Betapr	Burkholderiales	0	0	1	0	0	0	0	0	0	0	1
Cluster22830	Proteobac	Alphap Caulc	Caulobacteraceae	0	0	0	0	0	0	0	0	1	0	1
Cluster22835	Proteobac	Gamm Xantf	Sinobacteraceae	0	0	0	0	0	0	0	0	1	0	1
Cluster22836	Proteobac	Alphap Rhod	Acetobacteraceae	0	0	1	0	0	0	0	0	0	0	1
Cluster22838	Proteobac	Alphap Caulc	Caulobacteraceae	0	0	0	0	0	0	0	0	0	1	1
Cluster22839	Chlamydi	Chlamy	Chlamydiales	0	0	1	0	0	0	0	0	0	0	1
Cluster22841	;size=1			0	0	1	0	0	0	0	0	0	0	1
Cluster22850	Proteobac	Alphaproteobacteria		0	0	1	0	0	0	0	0	0	0	1
Cluster22852	Proteobac	Alphap Rhod	Acetobacteraceae	0	0	1	0	0	0	0	0	0	0	1
Cluster22857	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	0	1	1
Cluster22858	Actinobac	Actinobacteria		0	0	0	0	0	0	0	0	0	1	1
Cluster22879	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	0	0	0	1	1
Cluster22887	Acidobact	Acidobacteria_Gp3		0	0	0	1	0	0	0	0	0	0	1
Cluster22893	Acidobact	Acidobacteria_Gp1		0	0	0	0	0	0	0	0	0	1	1
Cluster22894	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	1
Cluster22896	Proteobac	Alphap Rhizobiales		0	0	0	0	0	0	0	0	1	0	1
Cluster22901	Bacteroidetes			0	0	0	0	0	0	0	0	0	1	1
Cluster22903	Proteobac	Betaproteobacteria		0	0	0	1	0	0	0	0	0	0	1
Cluster22913	Acidobact	Acidobacteria_Gp1		0	0	0	0	0	0	1	0	0	0	1
Cluster22914	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	1	0	0	0	1
Cluster22915	Chlamydi	Chlamy	Chlamydiales	0	0	0	0	0	0	0	1	0	0	1
Cluster22916	Acidobact	Acidobacteria_Gp1	Gp1	0	0	1	0	0	0	0	0	0	0	1
Cluster22921	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	1

Cluster23208 Chlamydi: Chlamy Chlar Parachlamydia	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster23217 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster23225 Actinobac Actinobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster23228 Actinobac Actinol Solirul Conexib Conexibacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster23232 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster23233 Proteobac Gammaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster23240 Proteobac Alphap Rhizoc Methylc Methylocystis	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster23258 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23261 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster23264 Actinobac Actinol Acidimicrobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster23266 Proteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23279 Acidobact Acidobacteria_Gp3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster23287 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster23289 Proteobac Gammaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster23290;size=2	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster23293 Chlamydi: Chlamy Chlar Parachlamydiaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23304 Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23314;size=4	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23317 Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23319 Chlamydi: Chlamy Chlar Parachlamydiaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23325 Proteobac Gammaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23330;size=19	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23332 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23334 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23337 Actinobac Actinol Actin Actinosj Actinospica	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23338 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23339 Planctom Planct Planct Plancto Zavarzinella	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23340 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23353 Chlamydi: Chlamy Chlar Parachlamydiaceae	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster23356	Proteobac	Gammaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23365	Acidobact	Acidobacteria_Gp3	Gp3	0	0	0	0	1	0	0	0	0	0	1
Cluster23367	Proteobac	Alphap	Caulc	Cauloba	Caulobacter	0	0	0	1	0	0	0	0	1
Cluster23371	Proteobac	Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	1
Cluster23375	Planctom	Planct	Planc	Plancto	Planctomyces	0	0	0	0	0	1	0	0	1
Cluster23388	Chlamydi	Chlamy	Chlar	Parachl	Parachlamydia	0	0	0	0	0	1	0	0	1
Cluster23390	Verrucom	Opitut	Opitu	Opituta	Opitutus	1	0	0	0	0	0	0	0	1
Cluster23393	Actinobac	Actinol	Solirt	Conexib	Conexibacter	0	0	0	1	0	0	0	0	1
Cluster23395	Acidobact	Acidobacteria_Gp6	Gp6	0	0	0	0	0	0	1	0	0	0	1
Cluster23398	Acidobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23400	Proteobac	Alphap	Caulc	Caulobacteraceae	0	0	0	0	0	1	0	0	0	1
Cluster23402	Acidobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23403	Bacteroid	Sphing	Sphir	Chitinophagaceae	0	0	0	0	0	0	1	0	0	1
Cluster23404	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	1	0	0	1
Cluster23407	Proteobac	Betapr	Burkl	Burkhol	Burkholderia	0	0	0	0	0	1	0	0	1
Cluster23411	Chlamydi	Chlamy	Chlar	Parachlamydiaceae	0	0	0	0	0	0	1	0	0	1
Cluster23416	Chlamydi	Chlamy	Chlar	Parachl	Parachlamydia	0	0	0	0	0	0	1	0	1
Cluster23422	Chlamydi	Chlamy	Chlar	Parachl	Neochlamydia	0	0	0	0	0	0	1	0	1
Cluster23433	Chloroflex	Ktedor	Ktedonobacterales	0	0	0	0	0	1	0	0	0	0	1
Cluster23436	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	1	0	0	0	0	0	0	1
Cluster23446	Proteobac	Deltap	Myxococcales	0	0	0	0	0	0	0	0	1	0	1
Cluster23453	Acidobact	Acidobacteria_Gp1	Gp1	0	0	0	0	0	0	1	0	0	0	1
Cluster23457	Acidobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23458	Actinobac	Actinol	Solirt	Conexib	Conexibacter	0	0	0	0	0	1	0	0	1
Cluster23464;size=1	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster23468	Acidobact	Acidobacteria_Gp2	Gp2	0	0	0	0	0	0	0	0	1	0	1
Cluster23471	Proteobac	Alphap	Rhizc	Methylocystaceae	0	0	0	0	0	0	0	1	0	1
Cluster23480	Actinobac	Actinol	Actinomycetales	0	0	0	0	0	1	0	0	0	0	1
Cluster23481	Proteobac	Alphap	Rhizobiales	0	0	0	0	0	1	0	0	0	0	1

Cluster23482;size=2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23483 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23493 Proteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23494 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23498 Chlamydi: Chlamy Chlamydiales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster23499 Proteobac Gammaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23506;size=1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23512 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23513 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23520;size=3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23537 Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23543 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23545 Proteobac Deltaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23548 Acidobact Acidobacteria_Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23550 Proteobac Alphap Sphingomonadales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23556 Proteobac Alphap Caulc Cauloba: Phenylobacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23559 Proteobac Betaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23563 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23565 Chlamydi: Chlamy Chlamydiales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23568 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23569 Chlamydi: Chlamy Chlamydiales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23573 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23575 Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23576 Chlamydi: Chlamy Chlar Parachlamydiaceae	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23578 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23579 Armatimc Chthor Chtho Chthono: Chthonomona:	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23582 Gemmatir Gemm Gemı Gemma Gemmatimona:	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23587 Acidobact Acidobacteria_Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23594 Proteobac Alphap Rhizc Bradyrh Nitrobacter	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster23598;size=3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23603 Proteobac Gammaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23608 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23615;size=2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23619 Proteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23627 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23629 Proteobac Alphap Rhodospirillales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23630 Proteobac Gamm Pseu Pseudo Rhizobacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23631 Proteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23643 Chlamydi Chlam Chlar Parachlamydiaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23645 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23665 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23682 Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23683 Actinobac Actinobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23693 Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23700 Proteobac Gamm Pseu Pseudo Pseudomonas	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23706 Acidobact Acidobacteria_Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23714 Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23719 Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23728 Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23739;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23760 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23766 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23768 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23783 Proteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23785 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23786 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23790;size=4	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster23791 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster23812 Verrucom Subdivision3 Subdivision3_ξ	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23822 Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23826 Proteobac Gammaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23829 Proteobac Alphaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23843 Proteobac Alphaρ Rhodospirillales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23862 Proteobac Gamm Xantl Sinobac Nevskia	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23869 Proteobac Alphaρ Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23871 Chlamydi: Chlamy Chlar Parachlamydiaceae	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster23872;size=5	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23874;size=3	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23883 Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster23901 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23902 Proteobac Alphaρ Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster23904 Chlamydi: Chlamy Chlar Parachl: Parachlamydia	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23905;size=2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster23923 Proteobac Gammaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23930 Actinobac Actinobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23933 Proteobac Alphaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23934;size=1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23935 Acidobact Acidobacteria_Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23942 Bacteroid Sphing Sphir Sphingo Pedobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23943 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster23954;size=15	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster23956 Proteobac Alphaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23966 Actinobac Actinol Actin Actinosj Actinospica	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster23970 Proteobac Gammaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster23977 Actinobac Actinol Solirubrobacterales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster23979 Actinobac Actinol Actin Mycoba Mycobacteriur	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster23980 Proteobac Gamm Xantl Xanthomonadaceae	0	0	0	0	0	1	0	0	0	0	0	0	1

Cluster2398€ Bacteroid Sphing Sphir Sphingobacteriaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24001 Proteobac Gamm Xantl Sinobac Steroidobacter	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster24012 Chlamydi: Chlamy Chlar Parachlamydiaceae	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster24014 Proteobac Deltap Myxococcales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster2402€ Proteobac Gammaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster2403C Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster2403€ Proteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster2404€ Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24048;size=1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster2404€ Proteobac Gammaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster2405€ TM7 TM7_genera_i	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster2406€ Chlamydi: Chlamy Chlamydiales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster24071 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24073 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster2407€ Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster2408C Proteobac Betapr Burkl Burkholderiaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24084 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster2408€ Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster2409C Armatimc Chthor Chth Chthon Chthonomona:	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24101 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster2410€ Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster24108;size=1	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster24121 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster2412€ Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster2413€ Proteobac Gammaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24142 Proteobac Gammaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24144 Proteobac Gamm Xantl Sinobacteraceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster2414€ Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster24148;size=3	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster24151;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24153 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24155 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster24158 Proteobac Alphap Rhizc Brucella Crabtreeella	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24163 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24165 Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24167 Proteobac Alphaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24168 Proteobac Gamm Pseu Pseudo Rhizobacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster24170 Acidobact Holop Holo Holophagaceae	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster24173 Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster24174 Chlamydi Chlamy Chlar Parachlamydiaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24179 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24182 Proteobac Deltap Myxococcales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24184 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24185 Acidobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24188 Proteobac Alphaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24191;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24196 Proteobac Deltap Myxococcales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24202 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster24208 Proteobac Deltaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster24209 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24219 Proteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24220;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24226 Proteobac Alphap Sphir Sphingo Novosphingob	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24230 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24239 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24241 Acidobact Holop Holo Holophagaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24244 Proteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24245;size=3	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster24248 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24254 Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster24256 Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster24258 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24262;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24264 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24265 Proteobac Alphap Caulc Caulobz Phenylobacter	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24268 Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24274 Chlamydi: Chlamy Chlar Parachl: Parachlamydia	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24275 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24277 Actinobac Actinobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24278 Actinobac Actinol Soliru Conexib Conexibacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24280;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24282 Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24288 Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24298 Proteobac Gammaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24299 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24306 Actinobac Actinol Solirubrobacterales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24308;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24310;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24311 Proteobac Alphap Sphir Sphingo Sphingomonas	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24316 Actinobac Actinol Actin Actinosj Actinospica	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster24320 Acidobact Acidobacteria_Gp1 Acidobacteriur	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster24324 Proteobac Betapr Burkl Comamonadaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24326 Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24338;size=1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24339 Actinobac Actinol Actinomycetales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24346;size=1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24349 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster24354 Proteobac Betapr Burkl Oxaloba Duganella	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster24358 Acidobact Acidobacteria_Gp10 Gp10	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24366 Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24371 Chlamydi: Chlamy Chlar Parachl: Parachlamydia	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24373 Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24376 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24378 Proteobac Gammaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24381 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster24383 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24384;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24386 Proteobac Gamm Xantl Sinobacteraceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24389 Proteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24391 Proteobac Alphaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24393 Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster24395 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24398 Bacteroid Sphing Sphir Chitino Lacibacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24408 Verrucom Spartobacteria Spartobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24410 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24413 Chlamydi: Chlamy Chlar Parachlamydiaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24423 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster24447 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24459 Actinobac Actino Actinomycetales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24475 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24476;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24488 Acidobact Acidobacteria_Gp1 Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster24491 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24496 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster24498 Proteobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster24500 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster24502 Proteobac Alphap Rhodospirillales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24508 Acidobact Acidobacteria_Gp1	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24511 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24517 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24521 Chlamydi: Chlamy Chlar Parachl: Parachlamydia	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster24528 Proteobac Alphap Alphaproteob Rhizomicrobiu	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster24529 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24531 Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24541 Proteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster24542 Acidobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24543 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster24552 Acidobact Acidobacteria_Gp6 Gp6	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24577 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster24578 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster24581 Actinobac Actinol Actin Mycoba Mycobacteriur	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster24583 Chloroflex Ktedor Ktedo Ktedon Ktedonobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24585 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24587 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24589 Acidobact Acidobacteria_Gp1 Gp1	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster24600 Proteobac Alphap Rhod Rhodospirillaceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24601 Acidobact Acidobacteria_Gp3	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster24607 Chloroflex Ktedor Ktedonobacterales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster24616 Chloroflex Ktedor Ktedonobacterales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster24617 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24627 Actinobac Actinol Actin Mycoba Mycobacteriur	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster24628 Acidobact Acidobacteria_Gp6 Gp6	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster24632 Actinobac Actinol Solir: Conexib Conexibacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster24636 Proteobac Gamm Pseu: Pseudo: Rugamonas	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster24639 Firmicute: Bacilli Bacillales	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster24793 Acidobact Acidobacteria_Gp4 Gp4	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster24795;size=5	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster24820 Proteobac Alphap Rhizomicrobiu	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster24821 Acidobact Acidobacteria_Gp13 Gp13	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24830 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24831 Proteobac Gamm Xantl Sinobacteraceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster24834 Proteobac Alphaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster24837 Actinobac Actinol Actinomycetales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster24839 Proteobac Alphaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24843 Chloroflex Ktedon Ktedonobacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster24851 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster24853 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24856 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24861 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster24865 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24866 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster24868 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24876 Bacteroid Sphing Sphir Chitino Terrimonas	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster24880 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster24895 Proteobac Gamm Xantl Sinobacteraceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24896 Bacteroid Bacteroidetes_incert Ohtaekwangia	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster24898 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster24899;size=1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster24903 Actinobac Actinol Actinomycetales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster24908 Proteobac Alphap Rhizobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster24931 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster24934 Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster24942 Proteobac Betaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster24943 Proteobac Deltap Myxc Polyangiaceae	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster25124 Proteobac Betaproteobacteria	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster25125 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster25127 Proteobac Gamm Legio Coxiella Coxiella	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster25140 Verrucom Opitut: Opitu Opituta Opitutus	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25147 Bacteroid Sphing Sphir Chitinoꝝ Flavitalea	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster25149 Proteobac Gamm Legio Coxiella Aquicella	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster25152 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster25155 Firmicute: Bacilli Bacill Alicyclo Alicyclobacillus	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster25161 Proteobac Gammaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster25175 Acidobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25179 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25185 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25188 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25192;size=3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster25202 Proteobac Alphaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster25204 Proteobac Alphaꝝ Rhizobiales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25205 Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster25216 Proteobac Alphaꝝ Caulc Caulobaꝝ Phenylobacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25219 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25231 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster25233 Proteobac Gammaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster25237 Proteobac Gamm Xantl Xanthomonadaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25241 Acidobact Acidobacteria_Gp1 Gp1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25249 Proteobac Gamm Xantl Sinobacteraceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25251 Bacteroid Sphing Sphir Sphingo Sphingobacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25270 Proteobac Alphaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster25272 Bacteroid Sphing Sphir Sphingo Mucilaginibact	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster25275 Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster25282 Proteobac Alphaꝝ Alphaproteoꝝ Rhizomicrobiu	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster25286 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25288 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25289 Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster25290;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster25296 Proteobac Alphap Caulc Cauloba Caulobacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster25297 Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25299 Proteobac Alphap Rhod Acetobz Acidisphaera	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster25300 Bacteroid Sphing Sphir Sphingo Pedobacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25312 Proteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25317 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25318 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster25325 Proteobac Alphap Alphaproteob Rhizomicrobiu	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25330 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25333 Chloroflex Ktedor Ktedc Ktedonc Ktedonobacter	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25350 Acidobact Acidobacteria_Gp13 Gp13	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster25351 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25360 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster25362 Bacteroid Sphing Sphir Sphingo Solitalea	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster25364 Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster25380 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25394 Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster25396 Acidobact Acidobacteria_Gp17 Gp17	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster25397 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster25410 Bacteroid Sphing Sphir Sphingo Pedobacter	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster25411 Acidobact Acidobacteria_Gp2 Gp2	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster25412 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster25417 Bacteroid Bacteroidetes_incert Ohtaekwangia	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster25423;size=1	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster25425 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster25910 Proteobac Gamm Legio Coxiella Aquicella	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster25913 Acidobact Acidobacteria_Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster25914 Acidobact Acidobacteria_Gp5 Gp5	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster25920 Acidobact Acidobacteria_Gp2 Gp2	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster25921 Acidobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster25936 Proteobac Alphap Caulc Caulobæ Phenyllobacter	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster25942 Actinobac Actinol Actinomycetales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster25960 Gemmatir Gemm Gemı Gemma Gemmatimonæ	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster25964 Proteobac Alphap Caulc Caulobæ Asticcacaulis	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster25967 Proteobac Gamm Legio Coxiella Aquicella	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster25970 Proteobac Alphap Rhod Acetobacteraceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster25972 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster25979 Proteobac Deltaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster25983 Bacteroid Sphing Sphir Chitinoꞑ Ferruginibacte	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster25987 Proteobac Betaproteobacteria	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster25988 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster25991;size=7	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster26000 Bacteroid Sphing Sphir Chitinoꞑ Sediminibacteri	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster26001 Chloroflex Ktedor Ktedonobacterales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster26010 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster26015 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster26016 Proteobac Alphaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster26018 Proteobac Gammaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster26019 Proteobac Alphap Rhizobiales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster26023 Proteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster26027 Proteobac Gamm Pseuı Pseudoı Pseudomonas	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster26029 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster26030 Proteobac Alphap Rhizobiales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster26031;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster26876 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster26877;size=2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster26879 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster26882 Bacteroid Sphing Sphir Chitino; Segetibacter	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster26884 Proteobac Alphap Caulc Caulobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster26887 Proteobac Betapr Burkholderiales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster26888 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster26901 Bacteroid Sphing Sphir Sphingo Mucilaginicact	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster26902 Acidobact Acidobacteria_Gp1 Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster26909 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster26917 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster26921 Actinobac Actinol Actin Actinos; Actinospica	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster26930 Actinobac Actinobacteria	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster26943 Proteobac Alphap Ricke Ricketts Orientia	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster26944 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster26949 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster26955 Proteobac Alphap Alphaproteob; Rhizomicrobiu	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster26959 Acidobact Acidobacteria_Gp6 Gp6	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster26964 Proteobac Alphap Caulc Caulob; Phenylobacter	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster26967 Proteobac Deltap Myxococcales	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster26970 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster26974 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster26975 Proteobac Alphaproteobacteria	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster26983 Actinobac Actinobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster26992 Bacteroid Sphing Sphir Chitino; Terrimonas	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster26998 Proteobac Gammaproteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster27004 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster27016 Acidobact Acidobacteria_Gp13 Gp13	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster27020 Proteobac Betapr Burkl Oxalobacteraceae	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster27329	Bacteroid	Sphing	Sphir	Sphingo	Mucilag	inibact	0	0	0	0	0	0	0	0	0	1	0	1	
Cluster27331	Bacteroid	Sphing	Sphir	Chitinophagaceae			0	0	0	0	0	1	0	0	0	0	0	1	
Cluster27340	Acidobact	Acidobacteria_Gp2	Gp2				0	0	1	0	0	0	0	0	0	0	0	1	
Cluster27341	Proteobac	Alphaproteobacteria					0	0	0	0	1	0	0	0	0	0	0	1	
Cluster27344	Bacteroid	Sphing	Sphir	Chitino	Ferruginibacte		0	0	0	0	0	0	0	0	0	0	1	1	
Cluster27346	Nitrospira	Nitros	Nitro	Nitrospi	Nitrospira		0	0	0	0	0	0	1	0	0	0	0	1	
Cluster27349	Verrucom	Spartobacteria	Spartobacteria				0	0	0	1	0	0	0	0	0	0	0	1	
Cluster27353	Proteobac	Gamm	Xantl	Sinobac	Steroidobacter		0	0	0	0	0	0	1	0	0	0	0	1	
Cluster27356	TM7			TM7_genera_i			0	0	0	0	0	0	0	1	0	0	0	1	
Cluster27358	Acidobact	Acidobacteria_Gp1	Gp1				0	0	0	0	0	0	1	0	0	0	0	1	
Cluster27361;size=1							0	0	0	0	0	0	0	0	1	0	0	1	
Cluster27375;size=1							0	0	1	0	0	0	0	0	0	0	0	1	
Cluster27376	Proteobac	Gamm	Pseudomonadales				0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster27383	Acidobact	Acidobacteria_Gp2	Gp2				0	0	0	0	0	0	1	0	0	0	0	1	
Cluster27387	Acidobact	Acidobacteria_Gp2	Gp2				0	0	0	0	0	0	0	0	0	0	1	1	
Cluster27388;size=3							0	0	0	0	0	0	0	0	0	1	0	1	
Cluster27395	Acidobact	Acidobacteria_Gp3	Gp3				0	0	0	0	0	0	0	0	0	0	1	1	
Cluster27406;size=1							0	0	1	0	0	0	0	0	0	0	0	1	
Cluster27407;size=2							0	0	0	0	0	0	1	0	0	0	0	1	
Cluster27408;size=1							0	0	0	0	0	0	0	1	0	0	0	1	
Cluster27410	Proteobac	Gammaproteobacteria					0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster27411	Proteobac	Alphaproteobacteria					0	0	1	0	0	0	0	0	0	0	0	1	
Cluster27420	Bacteroid	Sphing	Sphir	Chitinophagaceae			0	0	0	0	0	0	1	0	0	0	0	1	
Cluster27422;size=1							0	0	1	0	0	0	0	0	0	0	0	1	
Cluster27439	Actinobac	Actinol	Actin	Actinos	Actinospica		0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster27441	Proteobac	Alphap	Caulc	Caulob	Phenylobacter		0	0	1	0	0	0	0	0	0	0	0	1	
Cluster27442	Acidobact	Acidobacteria_Gp1					0	0	0	0	0	0	1	0	0	0	0	1	
Cluster27444	Actinobac	Actinol	Actinomycetales				0	0	0	0	0	0	0	0	0	0	1	1	
Cluster27445	Acidobact	Acidobacteria_Gp13	Gp13				0	0	0	0	0	0	0	0	1	0	0	1	

Cluster27448 Bacteroid Sphing Sphir Chitinoꝝ Segetibacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster27451 Acidobact Acidobacteria_Gp13 Gp13	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster27457 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster27472 Acidobact Acidobacteria_Gp7 Gp7	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster27474 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster27475 Verrucom Spartobacteria Spartobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster27494 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster27497 Acidobact Acidobacteria_Gp13 Gp13	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster27499 Acidobact Acidobacteria_Gp1	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster27508;size=3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster27510;size=3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster27515 Proteobac Alphap Rhod Acetobac Acidisphaera	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster27520;size=1	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster27529 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster27545 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster27550 Proteobac Gamm Xantf Sinobac Steroidobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster27551 Proteobac Gamm Xantf Sinobac Steroidobacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster27552 Verrucom Opituta Opituta Opituta Opitutus	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster27580 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster27581 Chloroflex Ktedon Ktedon Ktedon Ktedonobacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster27585 Bacteroid Sphing Sphir Chitinoꝝ Ferruginibacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster27592 Firmicutes	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster27600 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster27603 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster27605 Actinobac Actinol Solirf Conexib Conexibacter	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster27606 Proteobac Alphap Alphaproteob Rhizomicrobiu	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster27618 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster27621 Chloroflex Ktedon Ktedon Ktedon Ktedonobacter	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster27623 Acidobact Acidobacteria_Gp3 Bryobacter	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster28108 Proteobac Alphaproteobacteria	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster28118 Bacteroid Sphing Sphir Cytophagaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28119 Actinobac Actinol Acidimicrobiales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster28124 Proteobac Alphap Alphaproteobact Rhizomicrobiu	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster28132 Actinobac Actinol Actin Catenul Catenulispora	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster28143 Actinobac Actinol Acidimicrobiales	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28147 Proteobac Alphap Rhizc Bradyrh Agromonas	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster28149;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster28162 Bacteroidetes	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28163 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster28178 Actinobac Actinol Actin Mycoba Mycobacteriur	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28186;size=4	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28190 Acidobact Acidobacteria_Gp3 Gp3	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28193 Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28196 Proteobac Alphaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28204 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster28206;size=1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28207 Proteobac Gammaproteobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster28208 Proteobac Alphaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28210;size=2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster28212 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster28232;size=4	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster28233 Proteobac Gamm Legio Coxiella Coxiella	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28237 Proteobac Alphaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster28238 Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster28248 Proteobac Betaproteobacteria	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster28250 Proteobacteria	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28270 Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28275;size=4	0	0	0	0	0	0	0	0	1	0	0	0	1

Cluster28569 Acidobact Acidobacteria_Gp3	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28571;size=1	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster28574;size=1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28589 Proteobac Alphap Alphaproteot Rhizomicrobiu	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster28590 Acidobact Acidobacteria_Gp6 Gp6	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28596 Acidobacteria	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster28598 Actinobac Actinol Acidimicrobiales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28601 Proteobac Betapr Burkholderiales	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster28605 Actinobac Actinol Acidi Acidimii Aciditerrimona	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster28617 Proteobac Betapr Burkl Comamonadaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28620 Proteobac Deltap Myxc Cystobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28621 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster28636 Bacteroidetes	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster28641 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28642 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster28649 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28653 Acidobact Acidobacteria_Gp6 Gp6	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster28672 Proteobac Alphap Rhizc Xantho Pseudolabrys	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28673 Actinobac Actinol Acidimicrobiales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster28679 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster28683 Acidobact Acidobacteria_Gp1 Edaphobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster28688 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster28699 Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster28700 Proteobac Gamm Xantl Xantho Rhodanobacte	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster28701 Chloroflex Ktedo Ktedo Ktedon Ktedonobacter	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster28704 Proteobac Gamm Xantl Sinobacteraceae	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster28712 Proteobac Betaproteobacteria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster28713 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster28715 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster29495 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster29501 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster29505 Actinobac Actinobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster29508 Bacteroid Sphing Sphir Chitinophagaceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster29510 Acidobact Acidobacteria_Gp2 Gp2	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster29526 Acidobact Acidobacteria_Gp3	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster29527 Proteobac Alphap Rhod Acetobac Acidisphaera	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster29530 Actinobac Actinobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster29533 Acidobacteria	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster29540 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster29542 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster29543 Bacteroid Sphing Sphir Sphingo Mucilaginibact	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster29544 Proteobac Gamm Xantl Sinobac Steroidobacter	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster29545 Acidobact Acidobacteria_Gp1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster29547 Proteobac Alphap Rhod Acetobacteraceae	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster29558 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster29564 Chlorobi	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster29575 Bacteroid Sphing Sphir Chitinophagaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster29576 Verrucom Subdivision3 Subdivision3_ξ	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster29581 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster29585 Acidobact Acidobacteria_Gp1	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster29590 Proteobac Deltap Myxc Kofleria Kofleria	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster29593 Proteobac Betapr Burkl Burkholderiales_incert	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster29604 Proteobac Alphap Alphaproteok Rhizomicrobiu	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster29614 Verrucom Opitut:Opit: Opituta Opitutus	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster29615 Proteobac Alphap Rhizc Bradyrhizobiaceae	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster29618 Acidobact Acidobacteria_Gp3 Gp3	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster29621 Proteobac Betapr Burkl Burkhol Burkholderia	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster29625 Planctom: Planct: Planc Planctomycetaceae	0	0	0	0	0	0	0	0	0	0	1	0	1

Cluster30127 Actinobac Actinol Actinomycetales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster30135 Verrucom Subdivision3 Subdivision3_ε	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster30137 Firmicute: Clostrii Clost Lachnos ClostridiumXIV	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster30139 Actinobac Actinol Actinomycetales	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster30142 Proteobac Gammaproteobacteria	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster30144 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster30145 Proteobac Alphap Sphir Sphingomonadaceae	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster30147;size=4	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster30149 Proteobac Alphap Rhizobiales	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster30155 Actinobac Actinol Acidi Acidimi Aciditerrimona	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster30163 Proteobac Alphap Caulc Caulobacteraceae	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster30170 Acidobact Acidobacteria_Gp1	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster30172 Acidobacteria	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster30178 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster30179 Planctom Planct Planc Plancto Zavarzinella	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster30191 Actinobac Actinol Actinomycetales	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster30192 Acidobact Acidobacteria_Gp1	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster30193;size=1	1	0	0	0	0	0	0	0	0	0	0	0	1
Cluster30199 Acidobact Acidobacteria_Gp2 Gp2	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster30205 Proteobac Alphap Rhizobiales	0	0	0	0	0	0	0	1	0	0	0	0	1

B/ Archaeal OTU

OTU	order	class	family	genus	H1R	E3BS	E4R	E4BS	H1BS	H2R	H2BS	H4R	H4BS	E2R	E2BS	E3R	sum
Otu01	Thaumarchaeo	unclassified	unclassified	unclassified	364	391	509	457	357	446	395	433	408	122	500	352	4734
Otu05	Thaumarchaeo	unclassified	unclassified	unclassified	196	296	306	254	186	211	173	266	239	61	217	251	2656
Otu03	Thaumarchaeo	unclassified	unclassified	unclassified	133	74	43	47	105	144	143	110	143	17	78	76	1113
Otu06	Thaumarchaeo	unclassified	unclassified	unclassified	35	46	7	20	45	11	27	24	46	2	20	49	332
Otu07	Thaumarchaeo	Nitrosopumil	Nitrosopumil	unclassified	70	9	31	13	66	30	30	16	15	17	27	7	331
Otu09	Euryarchaeo	Thermoplasn	Thermoplasn	Terrestrial_M	50	20	6	15	21	30	57	18	47	12	10	28	314
Otu08	Thaumarchaeo	Nitrosopumil	Nitrosopumil	unclassified	12	9	3	5	24	32	50	5	10	9	38	61	258
Otu04	Thaumarchaeo	unclassified	unclassified	unclassified	6	12	12	15	7	5	12	43	5	4	22	35	178
Otu02	Thaumarchaeo	unclassified	unclassified	unclassified	12	61	6	4	42	1	0	4	2	0	3	28	163
Otu21	Thaumarchaeo	unclassified	unclassified	unclassified	1	0	1	46	4	0	17	4	0	0	0	0	73
Otu11	Thaumarchaeo	unclassified	unclassified	unclassified	4	5	0	2	10	9	10	0	6	0	9	12	67
Otu12	Thaumarchaeo	unclassified	unclassified	unclassified	3	1	1	41	2	1	2	0	0	0	1	1	53
Otu25	Thaumarchaeo	unclassified	unclassified	unclassified	16	0	1	1	7	5	2	1	2	0	0	2	37
Otu19	Crenarchaeo	Thermoprote	Desulfurococ	unclassified	3	1	0	0	20	0	0	1	2	0	0	8	35
Otu26	Euryarchaeo	Methanomic	Methanosarc	Methanosarc	7	0	0	1	1	1	0	1	0	13	0	0	24
Otu18	Thaumarchaeo	Nitrosopumil	Nitrosopumil	unclassified	1	1	0	1	3	0	2	1	1	0	0	4	14
Otu22	Thaumarchaeo	unclassified	unclassified	unclassified	1	0	1	6	1	0	1	1	0	1	0	0	12
Otu16	Crenarchaeo	Thermoprote	Desulfurococ	unclassified	0	1	0	0	6	0	0	0	0	0	0	2	9
Otu20	Thaumarchaeo	unclassified	unclassified	unclassified	2	0	1	2	1	0	0	0	0	0	0	0	6
Otu44	Crenarchaeo	Thermoprote	unclassified	unclassified	0	0	0	0	3	0	0	0	1	0	0	1	5
Otu39	Thaumarchaeo	Nitrosopumil	Nitrosopumil	unclassified	1	0	0	0	0	1	0	0	0	1	1	0	4
Otu10	Thaumarchaeo	unclassified	unclassified	unclassified	1	1	0	0	0	0	1	1	0	0	0	0	4
Otu15	Thaumarchaeo	unclassified	unclassified	unclassified	0	1	2	0	0	0	0	1	0	0	0	0	4
Otu45	Crenarchaeo	Thermoprote	unclassified	unclassified	0	0	0	0	3	0	0	0	0	0	0	0	3
Otu57	Euryarchaeo	Thermoplasn	Thermoplasn	unclassified	0	0	0	0	1	0	0	0	0	0	1	1	3
Otu69	Thaumarchaeo	Nitrosopumil	Nitrosopumil	unclassified	0	0	0	0	0	0	2	0	0	0	0	1	3

Otu56	Thaumarchaeota	unclassified	unclassified	unclassified	0	0	0	0	1	0	2	0	0	0	0	3	
Otu60	Thaumarchaeota	unclassified	unclassified	unclassified	0	0	0	0	0	1	0	0	0	0	1	1	3
Otu73	Thaumarchaeota	unclassified	unclassified	unclassified	0	0	0	0	0	0	0	0	2	0	0	1	3
Otu40	Crenarchaeota	Thermoprotea	Desulfurococ	unclassified	1	0	0	0	1	0	0	0	0	0	0	0	2
Otu81	Euryarchaeota	Thermoplasma	Thermoplasma	unclassified	0	0	0	0	0	0	0	0	0	0	0	2	2
Otu29	Euryarchaeota	unclassified	unclassified	unclassified	2	0	0	0	0	0	0	0	0	0	0	0	2
Otu65	Euryarchaeota	unclassified	unclassified	unclassified	0	0	0	0	0	0	1	1	0	0	0	0	2
Otu33	Thaumarchaeota	unclassified	unclassified	unclassified	1	0	0	0	0	0	0	0	0	0	1	0	2
Otu43	Thaumarchaeota	unclassified	unclassified	unclassified	0	0	0	0	2	0	0	0	0	0	0	0	2
Otu48	Thaumarchaeota	unclassified	unclassified	unclassified	0	0	0	0	2	0	0	0	0	0	0	0	2
Otu62	Thaumarchaeota	unclassified	unclassified	unclassified	0	0	0	0	0	1	0	0	0	0	0	1	2
Otu64	Thaumarchaeota	unclassified	unclassified	unclassified	0	0	0	0	0	1	0	0	0	0	1	0	2
Otu84	Thaumarchaeota	unclassified	unclassified	unclassified	0	0	0	0	0	0	0	0	0	0	0	2	2
Otu34	Crenarchaeota	Thermoprotea	Desulfurococ	unclassified	1	0	0	0	0	0	0	0	0	0	0	0	1
Otu49	Crenarchaeota	Thermoprotea	unclassified	unclassified	0	0	0	0	1	0	0	0	0	0	0	0	1
Otu86	Crenarchaeota	Thermoprotea	Desulfurococ	unclassified	0	0	0	0	0	0	0	0	0	0	0	1	1
Otu88	Crenarchaeota	Thermoprotea	Desulfurococ	unclassified	0	0	0	0	0	0	0	0	0	0	0	1	1
Otu50	Euryarchaeota	Methanomic	Methanosarc	Methanosarc	0	0	0	0	1	0	0	0	0	0	0	0	1
Otu52	Euryarchaeota	Methanomic	Methanosarc	Methanosarc	0	0	0	0	1	0	0	0	0	0	0	0	1
Otu14	Euryarchaeota	Thermoplasma	Thermoplasma	unclassified	0	1	0	0	0	0	0	0	0	0	0	0	1
Otu17	Euryarchaeota	Thermoplasma	Thermoplasma	Terrestrial_M	0	1	0	0	0	0	0	0	0	0	0	0	1
Otu31	Euryarchaeota	Thermoplasma	Thermoplasma	unclassified	1	0	0	0	0	0	0	0	0	0	0	0	1
Otu41	Euryarchaeota	Thermoplasma	Thermoplasma	Terrestrial_M	1	0	0	0	0	0	0	0	0	0	0	0	1
Otu24	Euryarchaeota	unclassified	unclassified	unclassified	0	0	1	0	0	0	0	0	0	0	0	0	1
Otu30	Euryarchaeota	unclassified	unclassified	unclassified	1	0	0	0	0	0	0	0	0	0	0	0	1
Otu35	Euryarchaeota	unclassified	unclassified	unclassified	1	0	0	0	0	0	0	0	0	0	0	0	1
Otu77	Euryarchaeota	unclassified	unclassified	unclassified	0	0	0	0	0	0	0	0	0	1	0	0	1
Otu78	Euryarchaeota	unclassified	unclassified	unclassified	0	0	0	0	0	0	0	0	0	1	0	0	1
Otu79	Euryarchaeota	unclassified	unclassified	unclassified	0	0	0	0	0	0	0	0	0	0	1	0	1

C/ Fungal OTUs based on 18S rRNA sequences and associated statistics

OTUId	phylum	class	order	family	genus	specie	H1R	E3BS	E4R	E4BS	H1BS	H2R	H2BS	H4R	H4BS	E2R	E2BS	E3R	sum
Cluster129	Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita bruni	3	14	29	8	26	9	7	10	20	19	18	10	173
Cluster776	Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe aff. a	0	33	9	3	3	8	16	2	1	5	22	39	141
Cluster289	Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita bruni	2	6	13	15	14	4	10	4	15	10	9	13	115
Cluster148	Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe muta	1	18	6	5	3	12	14	0	2	5	12	36	114
Cluster673	Basidiomycota	Agaricomycetes	Boletales	Scleroderma	Scleroderma	Scleroderma	20	1	0	0	12	39	11	14	11	0	1	1	110
Cluster136	Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Athelia	Athelia arach	2	6	28	54	1	0	1	4	0	1	9	1	107
Cluster66	Basidiomycota	Agaricomycetes	Boletales	Scleroderma	Scleroderma	Scleroderma	77	2	0	0	3	5	2	4	4	0	0	0	97
Cluster716	Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Xerocomella	Xerocomella	1	7	11	5	7	4	1	4	1	21	20	5	87
Cluster711	Basidiomycota	Agaricomycetes	Boletales	Scleroderma	Scleroderma	Scleroderma	0	0	0	0	14	38	14	8	8	0	2	0	84
Cluster408	Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula exalk	5	2	2	1	5	8	9	18	21	4	3	0	78
Cluster847	Basidiomycota	Agaricomycetes	Russulales	Lactariaceae	Lactarius	Lactarius dec	0	7	5	1	9	3	8	17	21	3	0	1	75
Cluster234	Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Xerocomella	Xerocomella	1	3	14	3	10	3	0	1	1	28	5	4	73
Cluster509	Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Panellus	Panellus styp	3	3	6	1	9	7	1	15	20	3	0	5	73
Cluster351	Basidiomycota	Agaricomycetes	Boletales	Scleroderma	Scleroderma	Scleroderma	19	1	0	0	2	20	8	8	1	0	2	0	61
Cluster424	Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe geor	0	1	0	1	4	24	21	1	3	0	2	1	58
Cluster508	Basidiomycota	Agaricomycetes	Hymenochaetales	Phellinaceae	Phellinus	Phellinus igni	0	8	22	17	1	1	1	1	0	1	2	1	55
Cluster525	Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe aff. a	0	12	0	8	0	4	4	1	1	2	13	9	54
Cluster59	Basidiomycota	Agaricomycetes	Agaricales	Amanitaceae	Amanita	Amanita bruni	30	1	1	7	3	1	1	1	1	4	2	1	53
Cluster450	Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	Russula exalk	1	1	1	1	4	3	2	19	12	5	1	1	51
Cluster653	Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	Dendrocollybia	Dendrocollybia	0	1	0	0	8	2	1	17	17	1	0	0	47
Cluster600	Ascomycota	Leotiomycetes	n	n	n	Leotiomycetes	0	1	7	2	4	3	2	0	2	16	5	4	46
Cluster619	Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe aff. a	0	15	4	1	1	4	10	1	1	2	2	5	46
Cluster268	n	n	Mortieriales	Mortierellaceae	Mortierella	Mortierella h	9	5	6	4	4	0	0	3	3	3	4	3	44
Cluster294	Basidiomycota	Agaricomycetes	Agaricales	Inocybaceae	Inocybe	Inocybe geor	0	2	1	0	0	13	15	1	2	1	2	6	43
Cluster522	Ascomycota	Leotiomycetes	Helotiales	Bulgariaceae	Bulgaria	Bulgaria sp. F	1	1	6	5	7	2	2	2	1	5	5	1	38

Cluster287	Basidiomycot	Agar	Thelep	Theleph	Thelephora	Thelephora s	0	6	4	13	6	1	0	0	0	5	3	0	38
Cluster721	Basidiomycot	Agar	Russul	Russula	Lactarius	Lactarius dec	0	0	1	2	0	1	2	6	7	8	6	4	37
Cluster826	n	n	Mortie	Mortier	Mortierella	Mortierella h	1	3	4	7	1	1	5	4	2	3	4	2	37
Cluster63	Basidiomycot	Agar	Agaric	n	Inocybe	Inocybe aff. a	1	6	0	2	0	4	2	1	1	1	3	13	34
Cluster533	Basidiomycot	Agar	Agaric	n	Inocybe	Inocybe geop	3	0	0	0	4	8	14	1	3	0	1	0	34
Cluster141	Basidiomycot	Trem	Tremel	Tremell	Asterotrem	Asterotremel	0	3	5	7	4	0	1	0	2	4	5	2	33
Cluster162	Basidiomycot	Agar	Trechis	'Trechis	Trechispora	Trechispora a	2	6	1	2	1	1	2	1	2	1	2	11	32
Cluster64	Basidiomycot	Agar	Boletal	Boletac	Xerocomell	Xerocomellu	1	2	4	0	4	1	1	0	1	10	6	1	31
Cluster114	Basidiomycot	Agar	Russul	Russula	Russula	Russula com	17	1	1	0	1	0	1	2	5	2	1	0	31
Cluster498	Basidiomycot	Agar	Boletal	n	Leucogyrop	Leucogyroph	0	2	2	2	4	0	0	1	1	6	10	3	31
Cluster503	Basidiomycot	Agar	Agaric	Cortinar	Cortinarius	Cortinarius ic	1	0	0	1	4	1	1	12	6	2	2	1	31
Cluster96	Basidiomycot	Agar	Jaapial	Jaapiace	Jaapia	Jaapia argilla	1	4	2	15	1	0	1	0	0	2	4	0	30
Cluster613	Basidiomycot	Agar	Agaric	n	Inocybe	Inocybe geop	0	0	0	0	0	7	15	4	3	0	1	0	30
Cluster170	Basidiomycot	Agar	Agaric	n	Inocybe	Inocybe aff. a	0	9	2	3	0	2	3	2	0	1	1	6	29
Cluster339	Basidiomycot	Agar	Boletal	Sclerod	Scleroderm	Scleroderma	13	0	0	0	3	6	3	2	1	0	1	0	29
Cluster353	Basidiomycot	Agar	Agaric	Amanita	Amanita	Amanita brui	1	2	4	4	1	1	3	1	2	3	5	2	29
Cluster130	Ascomycota	Doth	n	n	Cenococcur	Cenococcum	3	1	3	0	1	0	0	0	2	14	2	2	28
Cluster227	Basidiomycot	Agar	Russul	Russula	Russula	Russula exalk	3	0	0	0	4	0	3	5	9	0	0	4	28
Cluster823	Basidiomycot	Agar	Agaric	Tricholo	Camarophy	Camarophylli	0	0	0	0	7	1	0	18	0	2	0	0	28
Cluster608	Chytridiomyc	Chyt	Chytric	Chytridi	Chytriomyc	Chytriomyces	3	2	6	5	2	1	1	1	0	3	3	0	27
Cluster474	Apicomplexa	Cocc	Eucocc	Eimeriid	n	Eimeriidae sp	0	5	1	0	0	3	2	1	3	0	0	11	26
Cluster634	Ascomycota	Doth	n	n	Cenococcur	Cenococcum	1	0	3	1	3	0	2	2	3	6	3	1	25
Cluster667	Basidiomycot	Agar	Agaric	n	Inocybe	Inocybe aff. a	0	3	1	0	2	1	4	1	0	0	4	9	25
Cluster486	Basidiomycot	Agar	Agaric	Amanita	Amanita	Amanita brui	1	2	3	2	6	0	3	1	2	3	0	0	23
Cluster624	Basidiomycot	Agar	Russul	Russula	Russula	Russula exalk	3	0	3	0	1	3	3	1	6	3	0	0	23
Cluster73	Basidiomycot	Agar	Russul	Russula	Lactarius	Lactarius lign	5	2	1	1	1	1	0	1	4	3	1	2	22
Cluster277	Basidiomycot	Trem	Filobas	n	Cryptococci	Cryptococcus	0	1	0	3	2	1	1	0	0	7	5	2	22
Cluster320	Basidiomycot	Agar	Agaric	n	Inocybe	Inocybe aff. a	0	6	1	3	0	1	0	0	0	1	1	9	22
Cluster733	Basidiomycot	Agar	Agaric	Hygroph	Hygrophoru	Hygrophorus	0	3	3	4	0	1	2	0	0	1	5	3	22

Cluster103	Basidiomycoti	Agar	Agaricæ	n	Inocybe	Inocybe geor	7	0	0	0	2	5	6	0	0	0	1	0	21
Cluster302	Basidiomycoti	Agar	Agaricæ	n	Inocybe	Inocybe aff. a	0	6	0	2	1	3	0	0	0	0	2	7	21
Cluster662	Basidiomycoti	Agar	Russulæ	Russula	Russula	Russula exalk	0	0	0	1	1	2	1	7	6	0	3	0	21
Cluster809	Basidiomycoti	Agar	Agaricæ	n	Inocybe	Inocybe geor	0	0	0	0	4	1	11	2	1	1	1	0	21
Cluster393	Ascomycota	Peziz	Pezizalæ	Discinac	Gyromitra	Gyromitra es	0	0	0	0	0	0	1	7	12	0	0	0	20
Cluster497	Basidiomycoti	Agar	Boletal	Sclerodæ	Scleroderm	Scleroderma	0	1	0	0	1	7	3	2	3	0	3	0	20
Cluster784	Basidiomycoti	Agar	Agaricæ	Tricholo	Pleurocybelæ	Pleurocybella	1	1	0	0	2	2	3	1	9	0	0	1	20
Cluster396	Glomeromyc	Glon	Glome	Glomeræ	Glomus	Glomus sp. c	0	3	0	3	0	4	3	1	0	0	5	1	20
Cluster880	n	n	Mortie	Mortieræ	Mortierella	Mortierella p	1	3	1	2	0	1	5	2	1	2	1	1	20
Cluster366	Ascomycota	n	n	n	n	ascomycete s	0	0	4	4	2	1	1	0	0	2	5	0	19
Cluster154	Basidiomycoti	Agar	Agaricæ	Amanitæ	Amanita	Amanita brui	2	3	3	2	2	0	0	2	1	2	0	2	19
Cluster554	Basidiomycoti	Agar	Agaricæ	Amanitæ	Amanita	Amanita brui	0	2	1	1	1	1	3	2	3	2	2	1	19
Cluster940	Basidiomycoti	Agar	Agaricæ	Tricholo	Dendrocolly	Dendrocollyk	2	0	0	0	3	1	0	2	10	1	0	0	19
Cluster75	Basidiomycoti	Agar	Agaricæ	Tricholo	Dendrocolly	Dendrocollyk	6	0	0	0	1	0	0	5	5	0	0	1	18
Cluster491	Basidiomycoti	Agar	Agaricæ	Amanitæ	Amanita	Amanita brui	0	1	1	2	3	1	1	2	1	3	1	2	18
Cluster649	Basidiomycoti	Agar	Boletal	Boletacæ	Xerocomellæ	Xerocomellus	0	1	0	2	0	1	0	0	0	5	9	0	18
Cluster195	n	n	Mortie	Mortieræ	Dissophora	Dissophora d	5	2	0	0	1	0	0	2	0	4	3	1	18
Cluster179	Basidiomycoti	Agar	Agaricæ	Tricholo	Sarcomyxa	Sarcomyxa se	0	1	4	0	0	0	1	4	1	0	2	4	17
Cluster382	Basidiomycoti	Agar	Agaricæ	n	Inocybe	Inocybe geor	0	2	0	3	3	2	1	1	0	0	3	2	17
Cluster647	Basidiomycoti	Agar	Athelia	Atheliac	Athelia	Athelia arach	0	0	5	5	0	0	2	1	0	0	4	0	17
Cluster969	n	n	Mortie	Mortieræ	Mortierella	Mortierella p	0	2	2	4	4	0	1	1	1	0	1	1	17
Cluster987	n	n	Mortie	Mortieræ	Dissophora	Dissophora d	2	0	4	1	3	2	3	0	0	0	2	0	17
Cluster194	Ascomycota	Sacc	Saccha	n	Candida	Candida sp. E	0	5	0	4	1	1	0	0	1	3	0	1	16
Cluster26	Basidiomycoti	Agar	Russulæ	Russula	Russula	Russula exalk	6	0	1	0	1	1	1	1	2	1	1	1	16
Cluster283	Basidiomycoti	Agar	Agaricæ	n	Inocybe	Inocybe aff. a	1	6	0	0	0	1	2	0	0	1	2	3	16
Cluster455	Basidiomycoti	Agar	Agaricæ	Amanitæ	Amanita	Amanita brui	0	1	2	0	10	1	1	0	1	0	0	0	16
Cluster551	Basidiomycoti	Agar	Jaapial	Jaapiacæ	Jaapia	Jaapia argilla	0	2	5	4	0	0	2	0	1	1	1	0	16
Cluster688	Basidiomycoti	Agar	Russulæ	Russula	Lactarius	Lactarius lign	0	0	1	1	2	1	2	5	4	0	0	0	16
Cluster321	Ascomycota	Doth	n	n	Cenococcur	Cenococcum	1	0	2	0	2	0	0	1	2	1	3	3	15

Cluster164	Basidiomycota	Agar	Boletales	Boletaceae	Xerocomellaceae	Xerocomellaceae	1	1	2	0	4	0	1	0	1	3	2	0	15
Cluster178	Ascomycota	Leotiales	Myxotriphales	Byssosporiaceae	Byssosporiaceae	Byssosporiaceae	2	0	1	1	0	0	0	2	0	6	1	1	14
Cluster602	Ascomycota	Leotiales	Helotiales	Helotiaceae	Hymenoscyphaceae	Hymenoscyphaceae	0	2	1	1	2	1	1	0	0	2	3	1	14
Cluster67	Basidiomycota	Agar	Boletales	Boletaceae	Xerocomellaceae	Xerocomellaceae	3	0	0	1	1	0	0	1	1	3	2	2	14
Cluster177	Basidiomycota	Agar	Agaricales	Inocybaceae	Inocybaceae	Inocybaceae	0	0	0	1	2	8	2	0	0	0	1	0	14
Cluster183	Basidiomycota	Agar	Russulales	Russulaceae	Russulaceae	Russulaceae	2	1	0	0	1	0	1	7	0	1	1	0	14
Cluster303	n	n	Mucorales	Umbelopsis	Umbelopsis	Umbelopsis	1	4	1	1	3	0	0	1	1	1	0	1	14
Cluster638	n	n	Mortieriales	Mortierellaceae	Mortierellaceae	Mortierellaceae	1	1	0	3	4	1	1	0	2	0	1	0	14
Cluster117	Apicomplexa	Coccolporea	Eimeriidae	Eimeriidae	Eimeriidae	Eimeriidae	1	4	2	0	0	1	2	0	2	0	0	1	13
Cluster186	Basidiomycota	Agar	Boletales	Scleroderma	Scleroderma	Scleroderma	2	0	0	0	1	1	2	5	1	0	1	0	13
Cluster190	Basidiomycota	Agar	Agaricales	Tricholomataceae	Laccaria	Laccaria	1	0	0	1	2	0	1	4	3	1	0	0	13
Cluster260	Basidiomycota	Agar	Russulales	Russulaceae	Lactarius	Lactarius	0	0	1	2	0	1	0	4	0	3	1	1	13
Cluster539	Basidiomycota	Agar	Boletales	Scleroderma	Scleroderma	Scleroderma	0	0	0	0	2	5	4	2	0	0	0	0	13
Cluster757	Basidiomycota	Agar	Agaricales	Inocybaceae	Inocybaceae	Inocybaceae	0	6	1	0	1	2	1	0	0	0	1	1	13
Cluster204	n	n	Mortieriales	Mortierellaceae	Mortierellaceae	Mortierellaceae	3	3	0	0	1	0	0	1	2	0	1	2	13
Cluster913	n	n	Mortieriales	Mortierellaceae	Mortierellaceae	Mortierellaceae	0	0	0	2	1	2	4	0	1	3	0	0	13
Cluster986	n	n	Mortieriales	Mortierellaceae	Mortierellaceae	Mortierellaceae	0	1	1	1	1	2	2	0	0	0	2	3	13
Cluster76	Ascomycota	Pezizales	Disciniales	Gyromitridae	Gyromitridae	Gyromitridae	5	0	0	0	2	0	1	1	2	0	0	1	12
Cluster65	Basidiomycota	Agar	Agaricales	Tricholomataceae	Pleurocybella	Pleurocybella	9	0	0	0	1	0	0	0	2	0	0	0	12
Cluster107	Basidiomycota	Agar	Agaricales	Inocybaceae	Inocybaceae	Inocybaceae	0	8	0	0	0	1	0	0	0	0	0	3	12
Cluster161	Basidiomycota	n	Leucosporiales	Leucosporiaceae	Leucosporiaceae	Leucosporiaceae	0	5	0	1	0	0	0	0	1	2	2	1	12
Cluster243	Basidiomycota	Agar	Sebacinales	Craterocollaceae	Craterocollaceae	Craterocollaceae	0	1	0	3	4	1	0	0	0	2	1	0	12
Cluster401	Basidiomycota	Tremellales	Tremellales	Asterotremellaceae	Asterotremellaceae	Asterotremellaceae	1	2	0	2	2	1	0	0	1	2	1	0	12
Cluster717	Basidiomycota	Agar	Agaricales	Inocybaceae	Inocybaceae	Inocybaceae	0	1	1	0	0	0	0	1	1	1	1	6	12
Cluster217	Chytridiomycota	Chytriales	Chytriales	Chytridiaceae	Chytridiaceae	Chytridiaceae	4	0	4	0	2	0	0	0	0	2	0	0	12
Cluster256	n	n	Mortieriales	Mortierellaceae	Mortierellaceae	Mortierellaceae	2	2	0	1	0	0	0	1	0	0	2	4	12
Cluster44	Basidiomycota	Agar	Agaricales	Inocybaceae	Inocybaceae	Inocybaceae	2	0	0	0	0	1	6	1	1	0	0	0	11
Cluster52	Basidiomycota	Agar	Russulales	Russulaceae	Russulaceae	Russulaceae	6	0	0	0	1	0	0	0	4	0	0	0	11
Cluster97	Basidiomycota	Agar	Agaricales	Amanitaceae	Amanitaceae	Amanitaceae	2	0	1	2	2	0	1	1	0	0	2	0	11

Cluster278	Basidiomycota Trem Filobas n	Cryptococci	Cryptococcus	0	2	0	1	2	0	0	0	0	2	3	1	11
Cluster352	Basidiomycota Agar Boletal	Scleroderma	Scleroderma	3	0	0	0	0	5	1	1	1	0	0	0	11
Cluster384	Basidiomycota Agar Agarica	Tricholoma	Camarophyllum	0	1	0	0	1	1	0	7	1	0	0	0	11
Cluster492	Basidiomycota Agar Agarica	Inocybe	Inocybe geophila	0	0	0	0	2	4	4	0	1	0	0	0	11
Cluster655	Basidiomycota Trem Tremella	Asterotremella	Asterotremella	0	0	0	1	1	1	1	1	0	3	2	1	11
Cluster781	Basidiomycota Agar Agarica	Inocybe	Inocybe aff. a	0	3	0	0	2	0	1	1	0	0	3	1	11
Cluster787	Basidiomycota Agar Agarica	Inocybe	Inocybe aff. a	0	1	0	3	0	0	2	0	0	0	4	1	11
Cluster842	Basidiomycota Agar Boletal	Boletaceae	Xerocomella	0	0	1	0	2	1	0	0	0	4	2	1	11
Cluster56	Ascomycota Leoti n	Ascodicium	Pseudophaciella	3	0	1	0	0	0	3	1	0	1	0	1	10
Cluster68	Ascomycota Leoti n	Myxotripha	Byssosascus	1	1	2	1	2	0	0	0	0	3	0	0	10
Cluster315	Ascomycota Sord Hypocr	Hypocrepium	Hypomyces	0	0	0	2	1	0	0	1	0	6	0	0	10
Cluster964	Ascomycota Arch Archae	Archaeorhizium	Archaeorhizium	0	1	6	3	0	0	0	0	0	0	0	0	10
Cluster16	Basidiomycota Agar Agarica	Amanita	Amanita bruniata	5	0	1	2	1	0	0	0	0	0	0	1	10
Cluster128	Basidiomycota Agar Agarica	Tricholoma	Dendrocollybia	4	0	0	0	1	0	0	2	3	0	0	0	10
Cluster150	Basidiomycota Agar Agarica	Tricholoma	Panellus	0	0	0	1	0	1	0	0	3	0	0	5	10
Cluster212	Basidiomycota Agar Agarica	Amanita	Amanita muscaria	0	1	0	1	1	0	0	0	0	7	0	0	10
Cluster265	Basidiomycota Agar Agarica	Inocybe	Inocybe geophila	0	0	0	1	0	4	4	1	0	0	0	0	10
Cluster314	Basidiomycota Trem Cystofi	Cystofilum	Mrakia	0	7	0	0	0	0	0	0	1	0	1	1	10
Cluster409	Basidiomycota Agar Russula	Russula	Lactarius	0	0	2	1	0	0	0	0	0	5	2	0	10
Cluster510	Basidiomycota Agar Agarica	Inocybe	Inocybe geophila	0	1	0	0	1	4	4	0	0	0	0	0	10
Cluster775	Basidiomycota Agar Agarica	Amanita	Amanita bruniata	3	2	1	0	1	0	0	1	1	0	0	1	10
Cluster840	Basidiomycota Agar Thelep	Thelephora	Thelephora	0	1	2	5	0	0	0	0	0	0	2	0	10
Cluster370	n n	Mortierella	Mortierella	1	1	0	2	4	0	0	0	0	0	1	1	10
Cluster400	Apicomplexa Cocc Eucocc	Eimeriidae	Eimeriidae	1	3	0	1	1	1	0	0	2	0	0	0	9
Cluster404	Ascomycota Sord Ophios	Ophiostoma	Grosmannia	0	2	1	0	0	0	0	0	0	1	4	1	9
Cluster635	Ascomycota Saccl Saccha n	Candida	Candida sp. E	0	2	1	0	1	0	0	0	0	3	2	0	9
Cluster751	Ascomycota Leoti n	Rhytisma	Rhytisma	0	0	0	0	0	0	0	0	0	0	6	3	9
Cluster90	Basidiomycota Agar Russula	Russula	Russula exalk	2	0	0	0	2	1	1	1	2	0	0	0	9
Cluster99	Basidiomycota Agar Agarica	Bolbitia	Bolbitius	4	0	0	0	0	0	1	1	1	1	1	0	9

Cluster331	Basidiomycota	Agar	Agaricæ	Hygroph	Humidicutis	Humidicutis	1	0	0	0	0	1	1	0	0	1	5	9
Cluster363	Basidiomycota	Agar	Agaricæ	n	Inocybe	Inocybe aff. a	0	1	0	0	2	1	1	0	0	1	3	9
Cluster388	Basidiomycota	Agar	Agaricæ	Bolbitia	Bolbitius	Bolbitius vite	0	0	0	0	0	1	3	4	0	1	0	9
Cluster440	Basidiomycota	Agar	Agaricæ	Tricholo	Camarophy	Camarophyll	0	0	0	1	2	0	0	4	2	0	0	9
Cluster502	Basidiomycota	Agar	Agaricæ	n	Inocybe	Inocybe aff. a	0	2	1	1	0	0	1	0	0	0	4	9
Cluster679	Basidiomycota	Agar	Agaricæ	Amanita	Amanita	Amanita brui	1	2	0	1	1	0	0	1	0	2	0	9
Cluster762	Basidiomycota	Agar	Boletal	Boletac	Xerocomelli	Xerocomellus	0	0	1	0	0	2	0	0	0	3	3	9
Cluster1013	n	n	Mortie	Mortier	Dissophora	Dissophora d	0	0	0	0	2	0	2	1	2	0	2	9
Cluster241	Ascomycota	Sord	Hypocr	Hypocre	Hypocrea	Hypocrea kor	2	0	0	0	0	3	0	0	1	1	0	8
Cluster819	Ascomycota	Sord	Hypocr	Cordyci	Isaria	Isaria javanic	0	0	1	1	2	0	0	0	0	3	1	8
Cluster19	Basidiomycota	Agar	Agaricæ	Amanita	Amanita	Amanita brui	2	0	0	0	3	1	1	0	0	1	0	8
Cluster70	Basidiomycota	Agar	Athelia	Atheliac	Athelia	Athelia arach	0	1	3	3	0	0	0	0	0	0	1	8
Cluster120	Basidiomycota	Agar	Agaricæ	Tricholo	Melanoleuc	Melanoleuca	0	0	0	2	0	0	0	0	0	1	0	8
Cluster296	Basidiomycota	Agar	Agaricæ	Tricholo	Collybia	Collybia tube	0	1	0	0	0	1	0	5	1	0	0	8
Cluster585	Basidiomycota	Agar	Boletal	Boletac	Boletus	Boletus eduli	0	1	2	0	0	0	1	0	0	3	0	8
Cluster637	Basidiomycota	Agar	Agaricæ	Tricholo	Dendrocolly	Dendrocollyk	0	0	0	0	1	0	1	3	2	0	0	8
Cluster651	Basidiomycota	Agar	Agaricæ	Tricholo	Dendrocolly	Dendrocollyk	0	0	0	0	0	0	0	8	0	0	0	8
Cluster390	n	n	Mortie	Mortier	Dissophora	Dissophora d	4	0	0	2	1	0	0	1	0	0	0	8
Cluster444	n	n	Mortie	Mortier	Mortierella	Mortierella h	1	1	0	1	0	1	3	0	0	1	0	8
Cluster246	Annelida	Poly	Phylloc	Syllidae	Typosyllis	Typosyllis bel	0	0	1	4	1	1	0	0	0	0	0	7
Cluster45	Ascomycota	Leoti	n	Myxotri	Byussoascus	Byussoascus st	2	0	1	1	0	0	0	0	2	0	0	7
Cluster527	Ascomycota	Sord	Hypocr	Ophiocc	Ophiocordy	Ophiocordyc	0	0	2	0	0	0	1	1	0	3	0	7
Cluster9	Basidiomycota	Agar	Agaricæ	Tricholo	Dendrocolly	Dendrocollyk	3	0	0	0	1	0	0	0	3	0	0	7
Cluster38	Basidiomycota	Agar	Athelia	Atheliac	Athelia	Athelia arach	0	1	0	4	0	0	0	0	0	0	1	7
Cluster71	Basidiomycota	Agar	Athelia	Atheliac	Amphinem	Amphinema	0	1	3	1	0	0	0	1	0	0	1	7
Cluster102	Basidiomycota	Agar	Boletal	Sclerod	Scleroderm	Scleroderma	4	0	0	0	0	0	1	0	1	0	0	7
Cluster106	Basidiomycota	Agar	Agaricæ	n	Inocybe	Inocybe aff. a	1	1	0	0	0	0	1	0	0	1	0	7
Cluster108	Basidiomycota	Agar	Agaricæ	Tricholo	Laccaria	Laccaria ame	3	0	0	0	1	1	0	1	1	0	0	7
Cluster132	Basidiomycota	Agar	Agaricæ	Amanita	Amanita	Amanita brui	1	0	3	0	2	0	0	0	0	0	0	7

Cluster206	Basidiomycot	Agar Russul:	Russula:	Lactarius	Lactarius lign	0	1	0	0	0	0	2	1	2	0	0	1	7
Cluster215	Basidiomycot	Agar Boletal	Sclerodē	Scleroderm	Scleroderma	4	0	0	0	0	3	0	0	0	0	0	0	7
Cluster248	Basidiomycot	Agar Boletal	Boletacē	Xerocomell	Xerocomellu:	0	0	2	0	1	0	0	0	0	3	0	1	7
Cluster313	Basidiomycot	Agar Polypo	Polypor:	Trichaptum	Trichaptum b	0	1	3	0	0	0	0	0	0	0	1	2	7
Cluster494	Basidiomycot	Agar Boletal	Sclerodē	Scleroderm	Scleroderma	0	0	0	0	1	4	0	2	0	0	0	0	7
Cluster595	Basidiomycot	Agar Agaricā	n	Inocybe	Inocybe geop	0	2	0	0	1	0	2	0	0	0	1	1	7
Cluster603	Basidiomycot	Agar Agaricā	n	Inocybe	Inocybe aff. a	0	1	1	0	0	1	2	0	0	0	1	1	7
Cluster620	Basidiomycot	Agar Agaricā	Lyophyll	Asterophor:	Asterophora	0	4	0	0	0	0	0	0	0	0	0	3	7
Cluster656	Basidiomycot	Agar Agaricā	Tricholo	Camarophy	Camarophylli	1	0	1	0	1	0	0	3	1	0	0	0	7
Cluster185	n	n	Mortie	Mortier:	Mortierella	2	1	0	0	0	0	1	2	0	0	1	0	7
Cluster207	Ascomycota	Leoti n	Myxotri:	Byussoascus	Byussoascus st	0	2	0	0	1	0	0	0	1	0	2	0	6
Cluster293	Ascomycota	Euro Eurotia	Trichocc	Penicillium	Penicillium h	0	1	1	0	1	1	0	0	0	2	0	0	6
Cluster299	Ascomycota	Leoti n	Myxotri:	Byussoascus	Byussoascus st	0	1	1	1	0	0	0	2	0	0	1	0	6
Cluster505	Ascomycota	Doth n	n	Cenococcur	Cenococcum	0	0	0	1	0	0	0	0	0	2	2	1	6
Cluster85	Basidiomycot	Agar Agaricā	n	Inocybe	Inocybe geop	2	1	0	0	1	2	0	0	0	0	0	0	6
Cluster133	Basidiomycot	Agar Boletal	Boletacē	Boletus	Boletus eduli	0	2	3	1	0	0	0	0	0	0	0	0	6
Cluster171	Basidiomycot	Agar Russul:	Russula:	Russula	Russula exalk	3	0	0	0	0	1	0	1	1	0	0	0	6
Cluster203	Basidiomycot	Agar Russul:	Russula:	Russula	Russula exalk	0	1	0	1	1	1	0	1	1	0	0	0	6
Cluster239	Basidiomycot	Agar Boletal	n	Leucogyrop	Leucogyroph	0	0	1	1	0	1	0	0	0	2	0	1	6
Cluster326	Basidiomycot	Agar Boletal	Boletacē	Xerocomell	Xerocomellu:	0	0	2	2	0	0	0	0	0	1	1	0	6
Cluster520	Basidiomycot	Agar Agaricā	Amanitā	Amanita	Amanita aff. f	0	0	1	0	2	0	0	1	0	1	0	1	6
Cluster562	Basidiomycot	Agar Agaricā	n	Inocybe	Inocybe geop	0	1	0	0	0	1	3	0	1	0	0	0	6
Cluster682	Basidiomycot	Agar Agaricā	Tricholo	Dendrocoll	Dendrocollyk	0	0	0	1	1	1	0	2	1	0	0	0	6
Cluster811	Basidiomycot	Agar Agaricā	Tricholo	Melanoleuc	Melanoleuca	0	0	0	0	0	1	0	0	0	1	1	3	6
Cluster812	Basidiomycot	Agar Sebaci	Sebacin:	Craterocollā	Craterocolla	0	1	0	0	0	1	0	0	0	2	1	1	6
Cluster879	Basidiomycot	Agar Russul:	Russula:	Russula	Russula exalk	0	0	0	0	0	0	1	4	1	0	0	0	6
Cluster1030	Basidiomycot	Agar Agaricā	n	Inocybe	Inocybe aff. a	0	0	0	0	0	1	1	0	0	1	1	2	6
Cluster274	Glomeromyc	Glon Diversi	Acaulos	Acaulospor:	Acaulospora	0	0	0	0	1	1	0	0	0	4	0	0	6
Cluster292	n	Chry Chrom	Chromu n	Spumella-like		0	0	1	3	0	1	0	0	0	1	0	0	6

Cluster454	n	n	Mortier	Mortier	Gamsiella	Gamsiella mu	1	1	0	0	0	2	1	0	1	0	0	0	6
Cluster36	Ascomycota	n	n	n	n	ascomycete s	1	0	0	2	0	0	0	1	0	1	0	0	5
Cluster54	Ascomycota	Doth	n	n	Cenococcur	Cenococcum	0	0	1	0	2	0	0	0	0	2	0	0	5
Cluster109	Ascomycota	Saccl	Saccha	n	Candida	Candida sp. E	0	1	0	0	1	0	0	0	0	1	2	0	5
Cluster173	Ascomycota	Doth	n	n	Cenococcur	Cenococcum	0	0	0	0	0	1	0	0	0	4	0	0	5
Cluster295	Ascomycota	Peziz	Pezizal	Pyroner	Scutellinia	Scutellinia sc	0	2	0	3	0	0	0	0	0	0	0	0	5
Cluster298	Ascomycota	Sord	Sordari	Chaetor	Chaetomiur	Chaetomium	0	0	0	0	2	0	0	0	0	2	1	0	5
Cluster358	Ascomycota	Arch	Archae	Archaeo	Archaeorhiz	Archaeorhizc	0	0	1	3	0	0	0	0	0	0	0	1	5
Cluster786	Ascomycota	Arch	Archae	Archaeo	Archaeorhiz	Archaeorhizc	0	0	4	1	0	0	0	0	0	0	0	0	5
Cluster22	Basidiomycot	Agar	Agaricæ	Amanitæ	Amanita	Amanita brui	4	0	0	0	0	0	1	0	0	0	0	0	5
Cluster30	Basidiomycot	Agar	Agaricæ	n	Inocybe	Inocybe aff. a	1	1	0	0	0	0	0	0	0	0	1	2	5
Cluster78	Basidiomycot	Agar	Sebacii	Sebacin	Sebacina	Sebacina ver	0	0	2	3	0	0	0	0	0	0	0	0	5
Cluster153	Basidiomycot	Agar	Agaricæ	Amanitæ	Amanita	Amanita aff. i	0	2	1	1	1	0	0	0	0	0	0	0	5
Cluster191	Basidiomycot	Agar	Cantha	Botryob	Botryobasic	Botryobasidi	0	1	1	0	0	0	0	0	0	2	1	0	5
Cluster360	Basidiomycot	Agar	Agaricæ	Tricholo	Melanoleuc	Melanoleuca	0	1	1	0	0	0	0	0	0	0	0	3	5
Cluster367	Basidiomycot	Agar	Agaricæ	Lyophyll	Asterophor	Asterophora	0	3	0	0	0	0	0	0	0	0	0	2	5
Cluster402	Basidiomycot	Agar	Boletal	Boletacæ	Xerocomelli	Xerocomellus	0	1	0	0	1	0	1	0	0	2	0	0	5
Cluster410	Basidiomycot	Agar	Boletal	Boletacæ	Xerocomelli	Xerocomellus	0	1	1	0	0	1	0	0	0	2	0	0	5
Cluster456	Basidiomycot	Agar	Agaricæ	Tricholo	Melanoleuc	Melanoleuca	0	1	0	1	0	0	0	0	0	0	0	3	5
Cluster478	Basidiomycot	Agar	Agaricæ	Tricholo	Dendrocolly	Dendrocollyk	0	0	0	0	0	0	0	2	3	0	0	0	5
Cluster496	Basidiomycot	Agar	Agaricæ	Lyophyll	Asterophor	Asterophora	0	3	0	0	0	0	0	0	0	0	0	2	5
Cluster511	Basidiomycot	Agar	Russul	Russula	Lactarius	Lactarius lign	0	0	0	0	0	0	0	2	1	2	0	0	5
Cluster559	Basidiomycot	Agar	Agaricæ	Amanitæ	Amanita	Amanita brui	0	0	0	2	0	0	1	0	1	0	0	1	5
Cluster561	Basidiomycot	Agar	Agaricæ	n	Inocybe	Inocybe aff. a	0	1	1	0	0	0	0	0	0	0	1	2	5
Cluster700	Basidiomycot	Agar	Boletal	Boletacæ	Xerocomelli	Xerocomellus	0	1	0	2	0	0	0	0	0	0	2	0	5
Cluster703	Basidiomycot	Agar	Boletal	Conioph	Coniophora	Coniophora p	0	0	1	2	0	0	0	0	0	0	1	1	5
Cluster865	Basidiomycot	Agar	Agaricæ	Tricholo	Laccaria	Laccaria ame	0	0	0	0	1	0	0	3	1	0	0	0	5
Cluster941	Basidiomycot	Agar	Agaricæ	Tricholo	Panellus	Panellus styp	0	0	0	1	0	0	0	2	2	0	0	0	5
Cluster140	n	n	Endogc	Endogoi	Endogone	Endogone pis	0	1	0	0	0	1	0	0	1	1	0	1	5

Cluster174	n	n	Mortie	Mortier	Mortierella	Mortierella	h	0	1	0	1	0	0	0	0	1	1	1	0	5
Cluster349	n	n	Mortie	Mortier	Mortierella	Mortierella	s	1	0	0	0	0	0	0	1	2	0	0	1	5
Cluster696	Apicomplexa	Cocc	Eucocc	Eimeriid	n	Eimeriidae	s	0	0	1	0	0	1	1	0	0	0	0	1	4
Cluster1019	Apicomplexa	Cocc	Eucocc	Eimeriid	n	Eimeriidae	s	0	1	0	0	0	0	2	0	0	0	0	1	4
Cluster113	Ascomycota	Leca	n	Briganti	Brigantiaea	Brigantiaea	c	0	0	0	0	0	0	0	0	1	2	1	4	
Cluster172	Ascomycota	Leoti	Helotia	n	Amylocarp	Amylocarpus		0	1	0	0	0	1	0	2	0	0	0	4	
Cluster181	Ascomycota	Euro	Chaeto	Herpotr	Capronia	Capronia	fun	0	0	0	0	0	0	0	0	2	1	1	4	
Cluster245	Ascomycota	Leoti	n	Myxotri	Pseudogym	Pseudogymn		0	0	2	0	0	0	0	0	0	1	1	4	
Cluster264	Ascomycota	Doth	n	n	Cenococcur	Cenococcum		1	0	1	0	0	0	1	1	0	0	0	4	
Cluster345	Ascomycota	Euro	Eurotia	Trichocc	Byssochlam	Byssochlamy		0	1	0	1	2	0	0	0	0	0	0	4	
Cluster898	Ascomycota	Leoti	n	Myxotri	Byussoascus	Byussoascus	st	0	0	0	0	1	0	0	0	1	2	0	4	
Cluster28	Basidiomycoti	Agar	Agarica	n	Inocybe	Inocybe	aff. a	0	2	0	0	0	1	1	0	0	0	0	4	
Cluster39	Basidiomycoti	Agar	Boletal	Sclerod	Scleroderm	Scleroderma		3	0	0	0	0	1	0	0	0	0	0	4	
Cluster48	Basidiomycoti	Agar	Boletal	Sclerod	Scleroderm	Scleroderma		3	0	0	0	0	1	0	0	0	0	0	4	
Cluster57	Basidiomycoti	Agar	Agarica	Tricholo	Laccaria	Laccaria	ame	3	0	0	0	0	0	0	1	0	0	0	4	
Cluster77	Basidiomycoti	Agar	Agarica	n	Inocybe	Inocybe	geop	1	0	0	0	0	2	1	0	0	0	0	4	
Cluster202	Basidiomycoti	Agar	Russula	Russula	Russula	Russula	exalk	1	0	1	0	0	1	0	0	1	0	0	4	
Cluster205	Basidiomycoti	n	Helicot	n	Helicobasid	Helicobasidiu		0	0	2	0	0	0	0	0	2	0	0	4	
Cluster209	Basidiomycoti	Agar	Agarica	Tricholo	Laccaria	Laccaria	ame	0	0	0	0	1	1	0	2	0	0	0	4	
Cluster216	Basidiomycoti	n	n	n	Marchandic	Marchandior		0	0	0	0	0	0	1	1	0	0	2	4	
Cluster412	Basidiomycoti	Agar	Agarica	n	Inocybe	Inocybe	aff. a	0	1	0	0	1	0	0	0	1	0	1	4	
Cluster484	Basidiomycoti	Agar	Athelia	Atheliac	Athelia	Athelia	arach	0	0	1	3	0	0	0	0	0	0	0	4	
Cluster604	Basidiomycoti	Agar	Polypo	Pterulac	Pterula	Pterula	echo	1	1	0	0	0	0	2	0	0	0	0	4	
Cluster628	Basidiomycoti	Agar	Agarica	n	Inocybe	Inocybe	geop	0	0	0	1	0	2	1	0	0	0	0	4	
Cluster764	Basidiomycoti	Agar	Boletal	Boletac	Chalciporus	Chalciporus	p	0	1	1	0	1	0	0	0	1	0	0	4	
Cluster857	Basidiomycoti	Agar	Jaapial	Jaapiace	Jaapia	Jaapia	argilla	0	2	1	0	0	0	0	0	0	1	0	4	
Cluster900	Basidiomycoti	Agar	Jaapial	Jaapiace	Jaapia	Jaapia	argilla	0	1	0	1	0	0	0	0	0	2	0	4	
Cluster924	Basidiomycoti	Agar	Boletal	Boletac	Xerocomelli	Xerocomellu		0	0	0	0	0	0	1	0	2	1	0	4	
Cluster927	Basidiomycoti	Agar	Boletal	Boletac	Xerocomelli	Xerocomellu		0	0	0	0	0	1	0	0	2	1	0	4	

Cluster961	Basidiomycot	Agar	Jaapial	Jaapiace	Jaapia	Jaapia	argilla	0	0	1	3	0	0	0	0	0	0	4
Cluster836	Cryptomycot	n	n	n	Rozella	Rozella	allom	0	0	0	0	0	1	3	0	0	0	4
Cluster144	n	n	Kickxel	Kickxell	Mycoemilia	Mycoemilia	s	0	0	0	0	2	1	0	1	0	0	4
Cluster262	n	n	n	Nucleari	Nuclearia	Nuclearia	the	0	0	0	3	0	1	0	0	0	0	4
Cluster420	n	Spirc	Sporad	Oxytrich	Protogastro	Protogastro	s	0	0	1	2	0	0	0	0	0	1	4
Cluster566	n	n	Mortie	Mortier	Mortierella	Mortierella	s	0	0	0	0	2	0	1	0	0	0	4
Cluster878	n	Spirc	Sporad	Oxytrich	Protogastro	Protogastro	s	0	0	2	1	0	0	1	0	0	0	4
Cluster197	Nematoda	Chro	Araeol	Rhabdoi	Rhabdolair	Rhabdolaimu		0	0	0	1	0	1	0	1	0	0	4
Cluster980	Apicomplexa	Cocc	Eucocc	Eimeriid	n	Eimeriidae	sp	0	0	0	1	1	1	0	0	0	0	3
Cluster127	Ascomycota	Leoti	n	Myxotri	Byussoascus	Byussoascus	s	2	0	0	0	0	0	0	0	0	0	3
Cluster145	Ascomycota	Sord	Glome	Plectos	Plectospha	Plectosphaer		2	0	0	0	0	0	0	1	0	0	3
Cluster229	Ascomycota	Sord	Ophios	Ophiost	Grosmanni	Grosmannia		0	0	0	0	0	0	1	0	1	1	3
Cluster270	Ascomycota	Sord	Hypocr	Hypocre	Hypocrea	Hypocrea	lac	1	0	0	0	2	0	0	0	0	0	3
Cluster305	Ascomycota	Doth	n	n	Cenococcur	Cenococcum		0	0	0	0	1	0	0	0	0	1	3
Cluster421	Ascomycota	Saccl	Saccha	n	Blastobotry	Blastobotrys		0	0	0	0	0	0	0	0	1	0	3
Cluster904	Ascomycota	Arch	Archae	Archae	Archaeorhiz	Archaeorhiz	c	0	0	2	1	0	0	0	0	0	0	3
Cluster957	Ascomycota	Doth	n	n	Cenococcur	Cenococcum		1	0	0	0	1	0	0	0	0	1	3
Cluster25	Basidiomycot	Agar	Agaric	Amanit	Amanita	Amanita	brui	1	1	0	0	0	1	0	0	0	0	3
Cluster32	Basidiomycot	Agar	Russul	Russula	Russula	Russula	exalk	1	0	0	0	1	1	0	0	0	0	3
Cluster49	Basidiomycot	Agar	Russul	Russula	Russula	Russula	exalk	0	0	0	0	0	0	0	0	2	1	3
Cluster53	Basidiomycot	Agar	Agaric	n	Inocybe	Inocybe	geop	0	0	0	0	2	0	0	1	0	0	3
Cluster58	Basidiomycot	Agar	Agaric	Amanit	Amanita	Amanita	brui	1	0	0	1	0	0	0	0	0	1	3
Cluster60	Basidiomycot	Agar	Agaric	Tricholo	Laccaria	Laccaria	ame	2	0	0	0	0	0	0	1	0	0	3
Cluster80	Basidiomycot	Agar	Boletal	Boletac	Xerocomell	Xerocomellu		0	0	1	0	1	0	0	0	0	0	3
Cluster110	Basidiomycot	Agar	Trechis	Trechis	Trechispora	Trechispora	a	0	1	0	1	0	0	0	0	0	0	3
Cluster121	Basidiomycot	n	n	n	Marchandic	Marchandior		3	0	0	0	0	0	0	0	0	0	3
Cluster126	Basidiomycot	Agar	Russul	Stereac	Amylostere	Amylostereu		0	0	0	0	0	0	0	2	1	0	3
Cluster139	Basidiomycot	Agar	Thelep	Theleph	Thelephora	Thelephora	s	0	0	0	0	0	0	0	0	0	1	3
Cluster163	Basidiomycot	Agar	Agaric	Amanit	Amanita	Amanita	brui	0	0	0	0	0	0	0	2	0	0	3

Cluster192	Basidiomycot	Agar	Agaricæ	Amanita	Amanita	Amanita	brui	0	1	0	0	2	0	0	0	0	0	0	0	3	
Cluster319	Basidiomycot	Ento	Entorrh	Entorrhiza	Entorrhiza	as		0	0	0	0	0	0	3	0	0	0	0	0	3	
Cluster328	Basidiomycot	Agar	Agaricæ	Marasm	Chaetocala	Chaetocalath		0	0	1	0	0	1	0	0	0	0	0	1	3	
Cluster356	Basidiomycot	Agar	Russulæ	Russula	Lactarius	Lactarius	dec	1	0	1	0	0	1	0	0	0	0	0	0	3	
Cluster375	Basidiomycot	Agar	Boletal	Gyropor	Gyroporus	Gyroporus	cy	1	0	0	0	0	0	0	1	1	0	0	0	3	
Cluster422	Basidiomycot	Agar	Agaricæ	Marasm	Moniliophtl	Moniliophtl		0	0	0	0	0	1	0	0	2	0	0	0	3	
Cluster442	Basidiomycot	Agar	Agaricæ	Tricholo	Dendrocolly	Dendrocollyk		0	0	0	0	0	1	0	1	1	0	0	0	3	
Cluster452	Basidiomycot	Agar	Agaricæ	n	Inocybe	Inocybe	geop	0	1	0	0	0	0	2	0	0	0	0	0	3	
Cluster519	Basidiomycot	Agar	Boletal	Hygropt	Hygrophorc	Hygrophorop		0	2	0	1	0	0	0	0	0	0	0	0	3	
Cluster581	Basidiomycot	Agar	Agaricæ	Amanita	Amanita	Amanita	mus	0	1	0	0	0	0	0	0	0	1	1	0	3	
Cluster607	Basidiomycot	Agar	Agaricæ	Tricholo	Camarophy	Camarophylli		0	0	0	0	1	0	1	0	1	0	0	0	3	
Cluster664	Basidiomycot	Agar	Agaricæ	n	Inocybe	Inocybe	aff. a	0	0	0	0	0	1	0	0	0	0	1	1	3	
Cluster666	Basidiomycot	Agar	Boletal	Sclerodæ	Scleroderm	Scleroderma		0	0	0	0	1	0	2	0	0	0	0	0	3	
Cluster706	Basidiomycot	Agar	Athelia	Atheliac	Athelia	Athelia	arach	0	1	1	1	0	0	0	0	0	0	0	0	3	
Cluster719	Basidiomycot	Agar	Athelia	Atheliac	Piloderma	Piloderma	fa	0	0	1	0	0	0	0	0	0	0	0	2	3	
Cluster729	Basidiomycot	Agar	Agaricæ	n	Inocybe	Inocybe	geop	0	0	0	0	0	0	3	0	0	0	0	0	3	
Cluster732	Basidiomycot	Agar	Agaricæ	Bolbitia	Bolbitius	Bolbitius	vite	0	0	0	0	0	0	1	1	0	0	1	0	3	
Cluster736	Basidiomycot	Agar	Agaricæ	Tricholo	Dendrocolly	Dendrocollyk		0	0	0	0	0	0	0	1	2	0	0	0	3	
Cluster747	Basidiomycot	Agar	Russulæ	Russula	Russula	Russula	exalk	0	0	1	0	0	0	0	0	2	0	0	0	3	
Cluster780	Basidiomycot	Agar	Polypo	Auriscal	Lentinellus	Lentinellus	u	0	0	0	0	0	0	0	1	0	0	1	1	3	
Cluster818	Basidiomycot	Agar	Boletal	Boletacæ	Xerocomell	Xerocomellu:		0	0	0	0	1	0	0	0	0	1	1	0	3	
Cluster845	Basidiomycot	Agar	Athelia	Atheliac	Amphinemæ	Amphinema		0	0	0	1	0	0	0	0	0	0	0	1	1	3
Cluster931	Basidiomycot	Agar	Boletal	Boletacæ	Xerocomell	Xerocomellu:		0	0	0	0	0	0	0	0	0	3	0	0	3	
Cluster1055	Basidiomycot	Agar	Agaricæ	Tricholo	Pleurocybel	Pleurocybellæ		0	0	0	0	0	0	0	0	0	0	0	2	1	3
Cluster324	Blastoclador	Blast	Blastoc	Catenar	Catenomyc	Catenomyces		0	0	1	0	0	0	1	0	0	0	0	0	1	3
Cluster236	Glomeromyc	Glon	Diversi	Acaulos	Acaulosporæ	Acaulospora		0	0	0	1	0	0	0	0	0	2	0	0	3	
Cluster31	n	n	Mortie	Mortieræ	Mortierella	Mortierella	h	0	1	1	0	0	0	0	0	0	0	0	1	0	3
Cluster196	n	n	Kickxel	Kickxellæ	Spiromyces	Spiromyces	n	0	2	0	0	0	0	0	0	0	0	0	0	1	3
Cluster233	n	n	Mortie	Mortieræ	Mortierella	Mortierella	p	0	1	0	0	1	0	0	0	0	0	1	0	0	3

Cluster261	n	n	Mucor:	n	Umbelopsis	Umbelopsis r	0	0	1	0	1	1	0	0	0	0	0	3
Cluster383	n	n	Endog:	Endog:	Endogone	Endogone pi	0	1	2	0	0	0	0	0	0	0	0	3
Cluster403	n	n	n	Nuclear:	Nuclearia	Nuclearia the	0	0	1	0	1	0	0	0	1	0	0	3
Cluster465	n	n	Mucor:	n	Umbelopsis	Umbelopsis r	0	1	0	0	0	0	0	1	0	0	0	3
Cluster849	n	n	Mortie	Mortier:	Mortierella	Mortierella s	0	0	0	2	0	1	0	0	0	0	0	3
Cluster919	n	n	Mortie	Mortier:	Mortierella	Mortierella p	0	0	0	1	0	0	0	0	1	0	1	3
Cluster990	n		Spirc	Sporad	Oxytrich:	n	Oxytrichidae	0	0	0	0	1	0	0	1	0	0	3
Cluster1049	n	n	Mortie	Mortier:	Dissophora	Dissophora d	1	0	0	0	1	0	0	0	0	1	0	3
Cluster232	Platyhelminth	Turb	Lecithc	Prorhyn	Geocentro:	Geocentroph	0	1	1	1	0	0	0	0	0	0	0	3
Cluster4	Ascomycota	Doth	n	n	Cenococcur	Cenococcum	1	0	0	0	0	0	1	0	0	0	0	2
Cluster33	Ascomycota	Leoti	n	Myxotri:	Byussoascus	Byussoascus st	0	0	0	0	0	0	0	0	1	1	0	2
Cluster98	Ascomycota	Saccl	Saccha	n	Candida	Candida sp. E	0	0	0	2	0	0	0	0	0	0	0	2
Cluster111	Ascomycota	Leoti	n	n	Xylogone	Xylogone gar	0	0	0	0	2	0	0	0	0	0	0	2
Cluster159	Ascomycota	n	n	n	Eladia	Eladia sacculi	0	0	0	0	1	0	0	0	0	1	0	2
Cluster228	Ascomycota	Leoti	n	Myxotri:	Byussoascus	Byussoascus st	0	0	0	2	0	0	0	0	0	0	0	2
Cluster276	Ascomycota	Doth	Botryo	Botryos:	Lasiodiplod	Lasiodiplodia	0	0	2	0	0	0	0	0	0	0	0	2
Cluster279	Ascomycota	Doth	Pleosp	Melano:	Herpotrichi	Herpotrichia	0	1	0	0	0	0	0	0	0	0	1	2
Cluster284	Ascomycota	Leoti	Helotia	Hyalosc:	Lachnum	Lachnum scl	0	0	0	0	0	0	2	0	0	0	0	2
Cluster371	Ascomycota	Doth	n	n	Cenococcur	Cenococcum	0	0	0	0	0	0	0	0	1	1	0	2
Cluster397	Ascomycota	Sord	Hypocr	Clavicipi	Metarhiziu	Metarhizium	0	0	0	0	0	0	0	0	0	0	2	2
Cluster439	Ascomycota	Leoti	n	Myxotri:	Pseudogym	Pseudogymn	0	1	0	0	0	0	0	0	0	0	1	2
Cluster453	Ascomycota	Doth	Dothid	Dothior:	Aureobasid	Aureobasidiu	0	1	0	0	0	0	0	0	0	1	0	2
Cluster458	Ascomycota	Leoti	n	Myxotri:	Byussoascus	Byussoascus st	0	0	0	0	0	0	0	0	0	0	1	2
Cluster544	Ascomycota	Peziz	Pezizal	Discinac	Gyromitra	Gyromitra es	0	0	0	0	0	0	0	0	2	0	0	2
Cluster588	Ascomycota	Leoti	n	Erysiph:	Cystotheca	Cystotheca w	0	0	0	0	0	0	0	0	2	0	0	2
Cluster640	Ascomycota	Sord	Ophios	Ophiost:	Grosmanni:	Grosmannia	0	0	0	0	1	0	0	0	0	0	1	2
Cluster669	Ascomycota	n	n	n	n	ascomycete s	0	0	0	0	0	0	0	0	0	0	1	2
Cluster672	Ascomycota	Euro	Eurotia	Trichocc	Penicillium	Penicillium sp	0	1	0	0	0	0	0	0	0	1	0	2
Cluster724	Ascomycota	Leoti	Helotia	Leotiace	Neobulgari:	Neobulgaria	0	0	0	1	0	0	0	0	1	0	0	2

Cluster273	n	n	Mortie	Mortier	Mortierella	Mortierella	s	0	0	0	0	0	0	0	1	0	1	2		
Cluster308	n	n	Endogr	Endogor	Endogone	Endogone	pis	0	0	1	0	0	0	1	0	0	0	2		
Cluster317	n	n	Entom	Basidiok	Basidiobolu	Basidiobolus		1	0	0	0	1	0	0	0	0	0	2		
Cluster332	n	Spirc	Urostyl	Pseudoi	Pseudouros	Pseudourosty		0	0	0	0	0	0	0	0	1	1	0	2	
Cluster334	n	n	Cercon	Heteron	Heteromita	Heteromita	g	0	0	1	0	0	0	0	0	0	1	0	2	
Cluster394	n	n	Endogr	Endogor	Endogone	Endogone	lac	0	0	0	0	0	0	0	1	0	1	0	2	
Cluster426	n	n	n	n	n	Cercozoa	sp.	0	0	0	0	0	2	0	0	0	0	0	2	
Cluster432	n	n	Mortie	Mortier	Dissophora	Dissophora	d	0	0	0	1	0	0	0	0	1	0	0	2	
Cluster469	n	Spirc	Sporad	Oxytrich	Protogastro	Protogastro	s	0	0	1	1	0	0	0	0	0	0	0	2	
Cluster473	n	n	Mucor	n	Umbelopsis	Umbelopsis	r	0	0	1	0	0	0	1	0	0	0	0	2	
Cluster477	n	n	n	Nuclear	Nuclearia	Nuclearia	the	0	0	1	0	0	1	0	0	0	0	0	2	
Cluster631	n	n	Mortie	Mortier	Dissophora	Dissophora	d	0	0	0	0	0	0	0	0	0	0	2	2	
Cluster659	n	n	n	Vampyr	Arachnula	Arachnula	im	0	0	0	1	0	0	0	1	0	0	0	2	
Cluster661	n	n	Cercon	n	Spongomor	Spongomona		0	0	0	0	0	0	0	1	0	0	1	0	2
Cluster687	n	n	Euglypl	Euglyph	Assulina	Assulina	mus	0	0	1	0	0	0	0	0	1	0	0	0	2
Cluster745	n	n	Mortie	Mortier	Mortierella	Mortierella	p	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster796	n	n	Cercon	Cercom	Paracercom	Paracercomo		0	0	2	0	0	0	0	0	0	0	0	0	2
Cluster797	n	n	Euglypl	Euglyph	Assulina	Assulina	mus	0	1	1	0	0	0	0	0	0	0	0	0	2
Cluster804	n	n	Mucor	n	Umbelopsis	Umbelopsis	r	0	0	0	0	0	0	0	0	1	0	1	0	2
Cluster835	n	n	Choan	Codono	Monosiga	Monosiga	ov	0	0	0	0	0	0	0	0	0	0	2	0	2
Cluster852	n	n	Mortie	Mortier	Mortierella	Mortierella	h	0	0	0	1	0	0	0	0	0	0	0	1	2
Cluster866	n	n	Mortie	Mortier	Mortierella	Mortierella	p	0	0	1	0	0	0	0	0	0	0	1	0	2
Cluster973	n	n	Endogr	Endogor	Endogone	Endogone	pis	0	1	0	0	0	0	0	0	0	0	0	1	2
Cluster415	Platyhelmint	Turb	Lecithc	Prorhyn	Geocentro	Geocentroph		0	0	0	2	0	0	0	0	0	0	0	0	2
Cluster517	Platyhelmint	Turb	Rhabd	Typhlop	Phaenocora	Phaenocora	l	0	0	1	0	1	0	0	0	0	0	0	0	2
Cluster249	Annelida	n	Haplot	Megasc	Achaeta	Achaeta	cam	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster364	Annelida	Polyc	Phylloc	Syllidae	Typosyllis	Typosyllis	bel	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster406	Annelida	Polyc	Phylloc	Syllidae	Typosyllis	Typosyllis	bel	0	0	0	0	0	0	0	0	0	0	0	0	1
Cluster834	Annelida	n	n	n	Hrabeiella	Hrabeiella	pe	0	0	0	0	0	0	0	1	0	0	0	0	1

Cluster369	Ascomycota	Doth	Capno	Mycosp	Mycosphae	Mycosphaer	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster374	Ascomycota	Doth	n	n	Cenococcur	Cenococcum	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster459	Ascomycota	Peziz	Pezizal	Discinac	Gyromitra	Gyromitra es	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster530	Ascomycota	Peziz	Pezizal	Tuberac	Reddellomy	Reddellomyc	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster531	Ascomycota	Peziz	Pezizal	Tuberac	Labyrinhor	Labyrinthom'	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster548	Ascomycota	Sord	Ophios	Ophiost	Grosmanni	Grosmannia	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster564	Ascomycota	Peziz	Pezizal	Pyroner	Leucoscyph	Leucoscypha	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster575	Ascomycota	Leoti	n	Myxotri	Byussoascus	Byussoascus st	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster580	Ascomycota	Doth	n	n	Cenococcur	Cenococcum	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster589	Ascomycota	Euro	Eurotia	Trichocc	Paecilomyce	Paecilomyces	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster601	Ascomycota	Sord	Ophios	Ophiost	Grosmanni	Grosmannia	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster616	Ascomycota	Geog	Geoglo	Geoglos	Trichoglossi	Trichoglossur	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster617	Ascomycota	Doth	n	n	Cenococcur	Cenococcum	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster629	Ascomycota	Saccl	Saccha	Dipodas	Geotrichurr	Geotrichum l	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster630	Ascomycota	Sord	Hypocr	Hypocre	Hypocrea	Hypocrea lac	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster639	Ascomycota	n	n	n	n	Ascomycota :	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster642	Ascomycota	Sord	Hypocr	Hypocre	Hypomyces	Hypomyces c	0	0	0	0	0	0	0	0	0	1	0	0	1
Cluster678	Ascomycota	Leoti	n	Myxotri	Byussoascus	Byussoascus st	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster680	Ascomycota	Sord	Xylaria	Xylariac	Ascotricha	Ascotricha lu	0	0	0	0	0	0	0	0	0	0	0	1	1
Cluster691	Ascomycota	Sord	Magna	Magnap	Phialophora	Phialophora :	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster710	Ascomycota	Pneu	Pneum	Pneumc	Pneumocys	Pneumocysti	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster720	Ascomycota	Doth	Dothid	Dothide	Dothidea	Dothidea hip	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster765	Ascomycota	Leoti	n	Myxotri	Pseudogym	Pseudogymn	0	0	0	0	0	0	0	0	1	0	0	0	1
Cluster779	Ascomycota	Arch	Archae	Archaec	Archaeorhiz	Archaeorhizc	0	1	0	0	0	0	0	0	0	0	0	0	1
Cluster789	Ascomycota	Arch	Archae	Archaec	Archaeorhiz	Archaeorhizc	0	0	0	1	0	0	0	0	0	0	0	0	1
Cluster792	Ascomycota	Euro	Eurotia	Trichocc	Penicillium	Penicillium fr	0	0	1	0	0	0	0	0	0	0	0	0	1
Cluster805	Ascomycota	Leoti	n	Ascodicl	Pseudopha	Pseudophaci	0	0	0	0	0	0	1	0	0	0	0	0	1
Cluster817	Ascomycota	Sord	Hypocr	Ophiocc	Ophiocordy	Ophiocordyc	0	0	0	0	0	0	0	0	0	0	1	0	1
Cluster821	Ascomycota	Peziz	Pezizal	Discinac	Gyromitra	Gyromitra es	0	0	0	0	0	0	1	0	0	0	0	0	1

Cluster923	Basidiomycota	Leucosporium	Leucosporium	Leucosporium	Leucosporium	0	0	0	0	1	0	0	0	0	0	0	0	1
Cluster944	Basidiomycota	Agaricaceae	Russula	Russula	Lactarius	Lactarius lignosus	0	0	1	0	0	0	0	0	0	0	0	1
Cluster956	Basidiomycota	Helicoglyphaceae	Helicobasidium	Helicobasidium	Helicobasidium	0	0	0	0	0	1	0	0	0	0	0	0	1
Cluster966	Basidiomycota	Agaricaceae	Boletus	Scleroderma	Scleroderma	Scleroderma	0	0	0	0	0	1	0	0	0	0	0	1
Cluster977	Basidiomycota	Agaricaceae	Boletus	Boletaceae	Xerocomus	Xerocomus	0	0	0	0	0	0	0	0	0	1	0	1
Cluster984	Basidiomycota	Agaricaceae	Boletus	Boletaceae	Xerocomus	Xerocomus	0	0	0	1	0	0	0	0	0	0	0	1
Cluster1006	Basidiomycota	Agaricaceae	Agaricus	Amanita	Amanita	Amanita brunnea	0	0	0	0	0	0	0	0	1	0	0	1
Cluster1018	Basidiomycota	Agaricaceae	Thelephora	Thelephora	Thelephora	Thelephora	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1026	Basidiomycota	Agaricaceae	Tricholoma	Dendrocollybia	Dendrocollybia	Dendrocollybia	0	0	0	0	0	0	0	1	0	0	0	1
Cluster1028	Basidiomycota	Agaricaceae	Agaricus	Cortinarius	Cortinarius	Cortinarius	0	0	1	0	0	0	0	0	0	0	0	1
Cluster1033	Basidiomycota	Trematocarpales	Cystoderma	Guehomyces	Guehomyces	Guehomyces	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1039	Basidiomycota	Agaricaceae	Russula	Russula	Russula	Russula exalbata	0	0	0	0	1	0	0	0	0	0	0	1
Cluster1044	Basidiomycota	Agaricaceae	Boletus	Melanogaster	Melanogaster	Melanogaster	0	0	0	0	0	0	0	1	0	0	0	1
Cluster1057	Basidiomycota	Agaricaceae	Sebacium	Sebacium	Craterocolla	Craterocolla	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1067	Basidiomycota	Agaricaceae	Agaricus	Inocybe	Inocybe	Inocybe geophylla	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1069	Basidiomycota	Agaricaceae	Boletus	Scleroderma	Scleroderma	Scleroderma	0	0	0	0	0	0	1	0	0	0	0	1
Cluster1075	Basidiomycota	Trematocarpales	Filobasidium	Cryptococcus	Cryptococcus	Cryptococcus	0	0	0	0	0	0	0	0	0	1	0	1
Cluster398	Blastocladiomycota	Blastocladiaceae	Blastocladium	Catenomyces	Catenomyces	Catenomyces	0	1	0	0	0	0	0	0	0	0	0	1
Cluster1082	Blastocladiomycota	Blastocladiaceae	Blastocladium	Catenomyces	Catenomyces	Catenomyces	0	0	0	1	0	0	0	0	0	0	0	1
Cluster118	Chytridiomycota	Chytriales	Chytridium	Chytridium	Chytridium	Chytridium	1	0	0	0	0	0	0	0	0	0	0	1
Cluster155	Chytridiomycota	Chytriales	Chytridium	Chytridium	Rhizidium	Rhizidium	1	0	0	0	0	0	0	0	0	0	0	1
Cluster198	Chytridiomycota	Chytriales	Spizellomyces	Spizellomyces	Spizellomyces	Spizellomyces	0	0	0	1	0	0	0	0	0	0	0	1
Cluster387	Chytridiomycota	Chytriales	Chytridium	Chytridium	Chytridium	Chytridium	0	0	0	1	0	0	0	0	0	0	0	1
Cluster395	Chytridiomycota	Chytriales	Chytridium	Chytridium	Chytridiales	Chytridiales	0	0	0	0	0	0	0	0	1	0	0	1
Cluster434	Chytridiomycota	Chytriales	Chytridium	Chytridium	Chytridium	Chytridium	0	0	1	0	0	0	0	0	0	0	0	1
Cluster448	Chytridiomycota	Chytriales	Chytridium	Chytridium	Chytridiales	Chytridiales	0	0	0	0	0	0	0	0	1	0	0	1
Cluster481	Chytridiomycota	Chytriales	Chytridium	Chytridium	Rhizidium	Rhizidium	0	0	0	0	0	0	0	0	1	0	0	1
Cluster518	Chytridiomycota	Chytriales	Rhizophyllum	Rhizophyllum	Rhizophyllum	Rhizophyllum	0	1	0	0	0	0	0	0	0	0	0	1
Cluster593	Chytridiomycota	Chytriales	Spizellomyces	Spizellomyces	Rhizophlyctis	Rhizophlyctis	0	0	0	0	1	0	0	0	0	0	0	1

Cluster605	Chytridiomyc	Chyt	Chytrid	Chytridi	Chytriomyc	Chytriomyc	0	0	0	0	0	0	0	0	1	0	0	1
Cluster712	Chytridiomyc	Chyt	Chytrid	Chytridi	Chytriomyc	Chytriomyc	0	0	0	0	0	1	0	0	0	0	0	1
Cluster773	Chytridiomyc	Chyt	Spizell	n	n	Spizellomyce	0	0	0	0	0	0	0	0	0	0	1	1
Cluster853	Chytridiomyc	Chyt	Chytrid	Chytridi	Rhizidium	Rhizidium en	0	0	0	0	1	0	0	0	0	0	0	1
Cluster862	Chytridiomyc	Chyt	Rhizop	Rhizoph	Rhizophydit	Rhizophydiur	0	0	0	0	0	1	0	0	0	0	0	1
Cluster917	Chytridiomyc	Chyt	Rhizop	Rhizoph	Rhizophydit	Rhizophydiur	0	0	0	0	0	1	0	0	0	0	0	1
Cluster1009	Chytridiomyc	Chyt	Chytrid	Chytridi	Rhizidium	Rhizidium en	0	0	0	1	0	0	0	0	0	0	0	1
Cluster1045	Chytridiomyc	Chyt	Chytrid	Chytridi	Rhizidium	Rhizidium en	0	0	1	0	0	0	0	0	0	0	0	1
Cluster441	Cryptomycot	n	n	n	Rozella	Rozella allom	0	0	0	0	0	0	0	1	0	0	0	1
Cluster960	Glomeromyc	Glon	Diversi	Acaulos	Acaulospor	Acaulospora	0	0	0	1	0	0	0	0	0	0	0	1
Cluster24	n	n	Cercon	Cercom	Paracercom	Paracercomo	1	0	0	0	0	0	0	0	0	0	0	1
Cluster169	n	n	Mortie	Mortier	n	Mortierellac	0	0	0	0	0	0	1	0	0	0	0	1
Cluster182	n	n	Mortie	Mortier	Dissophora	Dissophora d	0	0	0	0	0	0	0	0	0	1	0	1
Cluster200	n	n	Protost	Protoste	Schizoplasn	Schizoplasmc	0	0	0	0	0	0	0	0	0	1	0	1
Cluster201	n	n	Mortie	Mortier	Mortierella	Mortierella p	0	0	0	0	1	0	0	0	0	0	0	1
Cluster214	n	n	Bicoso	Bicosoe	Bicosoeca	Bicosoeca pe	1	0	0	0	0	0	0	0	0	0	0	1
Cluster231	n	n	Entom	Basidiok	Basidiobolu	Basidiobolus	0	0	1	0	0	0	0	0	0	0	0	1
Cluster263	n	n	Endog	Endogo	Endogone	Endogone pi	0	0	0	0	0	0	1	0	0	0	0	1
Cluster267	n	n	Mortie	Mortier	Gamsiella	Gamsiella mu	1	0	0	0	0	0	0	0	0	0	0	1
Cluster281	n	n	Endog	Endogo	Endogone	Endogone pi	1	0	0	0	0	0	0	0	0	0	0	1
Cluster291	n	n	Mortie	Mortier	Mortierella	Mortierella s	0	0	1	0	0	0	0	0	0	0	0	1
Cluster297	n	n	Endog	Endogo	Endogone	Endogone pi	0	1	0	0	0	0	0	0	0	0	0	1
Cluster344	n	n	Cercon	Heteron	n	Rigidomastix	0	0	0	0	0	0	1	0	0	0	0	1
Cluster354	n	n	Mortie	Mortier	Mortierella	Mortierella s	1	0	0	0	0	0	0	0	0	0	0	1
Cluster377	n	n	Entom	Entomo	Furia	Furia neopyr	0	0	0	0	0	0	0	0	0	1	0	1
Cluster391	n	n	Mortie	Mortier	n	Mortierellac	0	0	0	1	0	0	0	0	0	0	0	1
Cluster418	n	n	Mucor	n	Umbelopsis	Umbelopsis r	0	0	0	0	0	0	1	0	0	0	0	1
Cluster431	n	n	Mortie	Mortier	Mortierella	Mortierella p	0	0	1	0	0	0	0	0	0	0	0	1
Cluster464	n	n	Mortie	Mortier	Mortierella	Mortierella n	0	0	0	0	1	0	0	0	0	0	0	1

Cluster187	Platyhelminth	Turbellaria	Lecithoclada	Prorhynchida	Geocentropoda	Geocentropoda	0	0	0	0	0	0	0	1	0	0	0	0	1
Cluster949	Streptophyta	Zygnematales	Desmidiaceae	Closterium	Closterium	Closterium	0	0	0	0	0	0	0	1	0	0	0	0	1

D/ fungal OTUs based on ITS and associated statistics

specie	OTUID	H1R	E3BS	E4R	E4BS	H1BS	H2R	H2BS	H4R	H4BS	E2R	E2BS	E3R	sum of the re
Scleroderma citrinum	Cluster425	526	0	5	4	245	535	187	189	108	0	0	1	1800
Atheliales sp	Cluster1214	0	3	11	11	2	0	2	2	0	256	249	1	537
Glioniaceae sp	Cluster1222	46	9	13	7	37	32	23	36	26	168	85	18	500
uncultured Russula	Cluster386	60	0	2	0	84	64	61	90	112	0	0	1	474
Inocybaceae sp	Cluster839	0	179	12	0	9	0	1	0	1	4	8	237	451
Laccaria laccata	Cluster185	24	0	1	0	55	1	2	150	153	0	2	0	388
Atheliales sp	Cluster828	0	0	189	183	0	0	1	4	0	0	0	0	377
Russulaceae sp	Cluster361	3	0	0	1	18	2	3	148	159	1	0	0	335
Amanita rubescens	Cluster72	56	32	9	13	85	6	39	22	33	2	1	11	309
Scleroderma citrinum	Cluster400	81	2	2	1	37	79	45	40	16	0	2	0	305
Inocybaceae sp	Cluster160	15	0	0	1	33	63	167	4	11	0	3	0	297
Inocybaceae sp	Cluster1007	1	84	6	0	5	0	0	0	0	5	45	124	270
Atheliales sp	Cluster545	0	71	42	58	7	0	5	0	0	10	7	67	267
Russulaceae sp	Cluster431	4	0	1	0	8	23	31	78	71	0	0	1	217
Cryptococcus podzolicus	Cluster1574	3	23	15	15	4	4	6	7	7	42	27	17	170
Inocybaceae sp	Cluster1071	0	12	2	0	0	1	0	0	0	25	78	20	138
uncultured fungus	Cluster874	3	22	6	6	5	8	40	6	12	0	4	18	130
Xerocomus badius	Cluster744	0	6	7	4	0	0	1	5	8	53	33	7	124
uncultured fungus	Cluster1154	8	7	18	16	7	2	15	6	10	10	18	3	120
Inocybe assimilata	Cluster1003	0	14	11	12	1	27	40	0	0	0	0	1	106
Archaeorhizomyces finlayi	Cluster1657	0	1	67	24	2	11	0	1	0	0	0	0	106
Inocybaceae sp	Cluster636	0	45	0	0	3	0	0	0	0	0	13	44	105
uncultured fungus	Cluster369	0	0	35	59	0	0	3	1	1	0	0	0	99
Xerocomus badius	Cluster376	8	3	34	7	10	0	0	1	0	8	6	13	90
Xerocomus badius	Cluster732	10	0	0	0	2	0	0	0	1	35	38	1	87

Amanita sp	Cluster116	0	0	12	13	0	0	0	1	0	34	17	0	77
Amanita rubescens	Cluster127	10	8	4	5	13	3	7	9	9	1	0	4	73
uncultured fungus	Cluster1234	3	3	6	3	30	0	6	0	1	5	13	2	72
Mortierella humilis	Cluster838	2	6	20	7	2	0	12	5	4	4	1	7	70
Atheliales sp	Cluster601	0	29	9	17	2	0	0	0	0	3	1	7	68
Inocybe assimilata	Cluster855	0	0	15	11	0	16	23	0	0	0	0	3	68
Scleroderma citrinum	Cluster716	16	0	0	0	14	9	5	6	5	0	0	0	55
Amanita rubescens	Cluster113	11	3	3	3	14	1	6	5	7	0	0	1	54
Atheliales sp	Cluster416	0	25	9	10	0	0	0	0	0	0	0	10	54
Cryptococcus terricola	Cluster876	1	4	1	9	6	2	4	0	2	12	11	2	54
Thelephoraceae sp	Cluster399	0	0	15	28	0	0	1	0	0	8	0	0	52
Atheliales sp	Cluster1054	0	13	5	14	0	0	0	0	0	3	0	14	49
Mortierellales sp GD9A	Cluster1239	0	7	1	0	6	2	12	3	11	0	2	5	49
Atheliales sp	Cluster367	0	27	1	0	1	0	1	0	0	0	0	18	48
Atheliales sp	Cluster850	0	15	5	15	0	0	0	0	0	2	2	9	48
Gloniaceae sp	Cluster1192	2	1	0	3	7	5	2	4	1	13	9	1	48
uncultured fungus	Cluster546	0	0	18	26	0	0	0	0	0	2	0	0	46
uncultured fungus	Cluster861	3	5	2	2	2	4	15	2	4	0	3	4	46
Inocybaceae sp	Cluster541	0	17	4	0	0	0	0	0	0	0	2	22	45
Inocybe assimilata	Cluster939	1	3	7	8	0	13	10	0	1	0	0	2	45
Atheliales sp	Cluster1081	0	0	2	4	0	0	0	0	0	23	16	0	45
Gloniaceae sp	Cluster1289	6	1	2	0	11	2	2	2	9	5	1	4	45
Amanita sp	Cluster75	2	0	11	7	0	0	0	0	0	11	11	0	42
Laccaria laccata	Cluster79	2	0	0	0	9	0	1	10	20	0	0	0	42
Amanita rubescens	Cluster539	5	4	6	3	14	0	3	2	4	0	0	1	42
Meliniomyces bicolor	Cluster984	0	0	5	1	0	0	0	19	16	0	0	1	42
Gloniaceae sp	Cluster1190	0	0	29	10	0	0	0	1	0	2	0	0	42
Laccaria laccata	Cluster128	1	0	0	1	9	1	0	17	11	0	0	0	40
Inocybe assimilata	Cluster791	0	3	3	9	0	10	14	0	0	0	0	1	40

uncultured fungus	Cluster1567	1	3	3	1	3	1	3	3	1	11	10	0	40
Atheliales sp	Cluster739	0	19	4	6	0	0	0	0	0	0	1	9	39
Hypocrea koningii	Cluster432	5	0	0	0	6	0	2	4	3	16	2	0	38
Sebacinaceae sp	Cluster690	0	6	9	8	0	0	2	0	0	3	5	4	37
Oidiodendron chlamydosporicum	Cluster974	0	10	3	2	6	0	0	1	1	2	10	2	37
uncultured fungus	Cluster1707	0	2	4	0	1	0	2	0	2	11	13	2	37
Laccaria laccata	Cluster134	3	0	0	0	13	0	1	12	6	0	0	0	35
Amanita rubescens	Cluster223	8	1	1	0	7	1	7	4	2	2	0	1	34
uncultured Trechisporales	Cluster337	0	6	0	2	0	0	0	0	0	2	0	24	34
Atheliales sp	Cluster945	0	0	2	3	0	0	0	0	0	17	11	0	33
Amanita rubescens	Cluster46	4	2	1	2	7	3	5	2	4	0	0	1	31
Amanita sp	Cluster138	0	10	0	0	0	0	0	3	9	0	0	8	30
Helotiales sp	Cluster424	0	2	2	6	0	0	0	2	0	3	4	11	30
Scleroderma citrinum	Cluster646	7	0	0	0	5	8	9	0	1	0	0	0	30
Amanita sp	Cluster74	0	0	3	7	0	0	0	0	0	13	6	0	29
Russulaceae sp	Cluster422	0	0	0	1	0	9	13	5	1	0	0	0	29
Inocybaceae sp	Cluster787	0	9	1	0	0	0	0	0	0	2	4	13	29
uncultured Basidiomycota	Cluster669	0	18	4	0	0	0	0	0	0	0	5	1	28
Xerocomus pruinatus	Cluster313	1	4	11	4	0	0	0	1	0	0	0	6	27
Atheliales sp	Cluster1123	0	0	0	5	1	0	0	0	0	8	13	0	27
Amanita rubescens	Cluster230	9	3	0	0	3	0	6	2	1	0	0	2	26
Atheliales sp	Cluster494	0	5	2	9	0	0	0	0	0	0	1	9	26
uncultured fungus	Cluster685	0	8	3	9	0	0	0	0	0	0	2	3	25
Atheliales sp	Cluster1250	0	0	1	1	0	0	0	0	0	11	12	0	25
Cryptococcus podzolicus	Cluster1718	1	10	2	2	1	0	1	1	2	4	1	0	25

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