

Clique number	Genus list	Avg SI	Clique size	Estimated number of HGT events (average)	Genome size (average)	Number of HGT events as % of genome size
1	{'Borrelia'}	0.554	8	320.0	1158.8	27.6
2	{'unknow', 'Burkholderia', 'Ralstonia', 'Cupriavidus'}	0.819	25	3657.1	6367.9	57.4
3	{'Pelodictyon', 'Chlorobaculum', 'Chlorobium', 'Prosthecochloris'}	0.851	10	1478.8	2271.3	65.1
4	{'Shewanella'}	0.764	19	2072.1	4262.0	48.6
5	{'Streptococcus'}	0.856	10	1331.7	2000.9	66.6
6	{'Rickettsia'}	0.654	13	434.3	1192.7	36.4
7	{'Methanococcus'}	0.632	6	584.6	1721.0	34.0
8	{'Exiguobacterium', 'Oceanobacillus', 'Macrococcus', 'Bacillus', 'Geobacillus', 'Anoxybacillus', 'Staphylococcus', 'Listeria'}	0.877	25	2283.6	3202.6	71.3
9	{'Streptococcus', 'unknow'}	0.713	14	863.8	2037.3	42.4
10	{'unknow', 'Corynebacterium', 'Mycobacterium'}	0.86	10	1568.4	2331.7	67.3
11	{'Thermotoga'}	0.501	6	439.3	1867.8	23.5
12	{'Bartonella', 'Brucella'}	0.669	15	961.1	2572.6	37.4
13	{'Rhodopseudomonas', 'Nitrobacter', 'Bradyrhizobium', 'Oligotropha'}	0.855	11	3222.2	4947.1	65.1
14	{'Mycobacterium'}	0.817	19	2761.3	4827.3	57.2
15	{'unknow', 'Francisella'}	0.608	9	518.0	1627.3	31.8
16	{'Staphylococcus'}	0.226	12	228.0	2647.8	8.6
17	{'unknow', 'Shigella', 'Cronobacter', 'Serratia', 'Photorhabdus', 'Pectobacterium', 'Citrobacter', 'Klebsiella', 'Salmonella', 'Dickeya', 'Erwinia', 'Sodalis', 'Yersinia', 'Edwardsiella', 'Escherichia', 'Proteus', 'Enterobacter'}	0.796	85	2405.4	4492.3	53.5
18	{'Candidatus', 'Buchnera'}	0.938	8	605.9	486.0	124.7
19	{'Azotobacter', 'Pseudomonas'}	0.826	18	3167.8	5382.3	58.9
20	{'Clostridium'}	0.749	13	1630.0	3496.0	46.6
21	{'Photobacterium', 'Vibrio', 'Aliivibrio'}	0.797	14	2369.4	4410.4	53.7
22	{'Chlamydia', 'Chlamydomonada', 'unknow'}	0.444	14	194.2	966.0	20.1
23	{'Lactobacillus', 'Pediococcus'}	0.884	12	1574.2	2122.0	74.2
24	{'Xanthomonas', 'Stenotrophomonas'}	0.717	10	1864.1	4391.6	42.4
25	{'Desulfotomaculum', 'Candidatus', 'Carboxydotherrmus', 'Pelotomaculum', 'Moorella', 'Ammonifex'}	0.923	6	2172.2	2447.6	88.7
26	{'Neisseria'}	0.524	7	518.1	2065.3	25.1
27	{'Agrobacterium', 'Rhizobium', 'Sinorhizobium', 'Ochrobactrum'}	0.866	12	4149.9	6132.2	67.7
28	{'Acidovorax', 'Variovorax', 'Delftia', 'Comamonas'}	0.88	6	3517.6	4910.2	71.6
29	{'Prochlorococcus', 'Synechococcus'}	0.706	16	904.7	2179.1	41.5
30	{'Bifidobacterium'}	0.787	8	981.5	1857.1	52.8
31	{'Bacillus', 'Geobacillus'}	0.612	15	1687.6	5315.8	31.7
32	{'Streptococcus'}	0.61	19	604.3	1893.1	31.9
33	{'Helicobacter'}	0.528	8	390.5	1531.4	25.5
34	{'Acinetobacter'}	0.616	7	1121.1	3481.7	32.2
35	{'Ehrlichia', 'Anaplasma'}	0.679	8	390.0	992.9	39.3
36	{'Geobacter'}	0.892	6	2926.0	3871.7	75.6
37	{'Campylobacter'}	0.76	8	839.4	1721.1	48.8
38	{'Methylobacterium'}	0.676	6	2147.7	5681.5	37.8
39	{'Sulfolobus'}	0.453	6	559.6	2756.5	20.3