

	ID	PAzules2.Archaea	PAzules3.Archaea	PAzules.Archaea
1	halophilic_archaeon_DL31	0.02883	0.02510	0.01784
2	Crenarchaeota_archaeon_SCGC_AAA471_B05	0.01812	0.03037	0.02192
3	Crenarchaeota_archaeon_SCGC_AAA471_O08	0.06057	0.00000	0.00000
4	Acidilobus_saccharovorans	0.03344	0.03068	0.01891
5	Caldisphaera_lagunensis	0.02156	0.02044	0.02058
6	Aeropyrum_pernix	0.03971	0.02595	0.01789
7	Desulfurococcus_fermentans	0.01695	0.02890	0.01855
8	Desulfurococcus_kamchatkensis	0.00000	0.01941	0.01826
9	Desulfurococcus_mucosus	0.04095	0.02542	0.01998
10	Ignicoccus_hospitalis	0.03361	0.03011	0.02036
11	Ignisphaera_aggregans	0.01249	0.02524	0.01753
12	Staphylothermus_hellenicus	0.02383	0.02450	0.01931
13	Staphylothermus_marinus	0.01339	0.01860	0.01969
14	Thermoglauius_cellulolyticus	0.02447	0.03184	0.01866
15	Thermosphaera_aggregans	0.02914	0.03350	0.01860
16	Hyperthermus_butylicus	0.02820	0.03107	0.01709
17	Pyrolobus_fumarii	0.03454	0.02115	0.01634
18	Fervidicoccus_fontis	0.01069	0.02536	0.01991
19	Acidianus_hospitalis	0.02558	0.02137	0.01918
20	Metallosphaera_cuprina	0.02762	0.03109	0.01865
21	Metallosphaera_sedula	0.03396	0.02375	0.01771
22	Metallosphaera_yellowstonensis	0.02776	0.02229	0.01900
23	Sulfolobus_acidocaldarius	0.02346	0.02391	0.01964
24	Sulfolobus_islandicus	0.00828	0.02202	0.01894
25	Sulfolobus_solfataricus	0.01073	0.02306	0.01897
26	Sulfolobus_tokodaii	0.01947	0.02318	0.01850
27	Thermofilum_pendens	0.03961	0.03330	0.01916
28	Caldivirga_maquilingensis	0.02526	0.02089	0.01801
29	Pyrobaculum_aerophilum	0.04010	0.02377	0.02019
30	Pyrobaculum_arsenaticum	0.04219	0.02913	0.01927
31	Pyrobaculum_calidifontis	0.03870	0.02800	0.02041
32	Pyrobaculum_islandicum	0.02982	0.02434	0.01936
33	Pyrobaculum_neutrophilum	0.02385	0.03211	0.01827
34	Pyrobaculum_oguniense	0.02087	0.02179	0.02079
35	Thermoproteus_uzoniensis	0.02465	0.01971	0.01833
36	Vulcanisaeta_distributa	0.01648	0.02115	0.01855
37	Vulcanisaeta_moutnovskia	0.00793	0.02544	0.01860
38	Vulcanisaeta_unclassified	0.00031	0.00000	0.00000
39	Archaeoglobus_fulgidus	0.01403	0.02528	0.01883
40	Archaeoglobus_profundus	0.03883	0.02259	0.01949
41	Archaeoglobus_sulfatcallidus	0.01426	0.02191	0.02020
42	Archaeoglobus_veneficus	0.02301	0.02686	0.01822
43	Ferroglobus_placidus	0.01314	0.02305	0.01773
44	Aciduliprofundum_boonei	0.01537	0.02571	0.02138
45	Marine_Group_III_euryarchaeote_SCGC_AAA007_O11	0.03008	0.02558	0.01796
46	Marine_Group_III_euryarchaeote_SCGC_AAA288_E19	0.02801	0.03068	0.01850
47	Marine_Group_II_euryarchaeote_SCGC_AB_629_J06	0.01448	0.01743	0.02101
48	Marine_group_II_euryarchaeote_SCGC_AAA288_C18	0.05325	0.02769	0.01975
49	Candidatus_Halobonum_tyrellensis	0.04091	0.03016	0.01717
50	Haladaptatus_paucihalophilus	0.02247	0.02836	0.01582
51	Halaikalicoccus_jeotgali	0.03199	0.02614	0.01724
52	Halarchaeum_acidiphilum	0.04677	0.02969	0.01887
53	Haloarcula_amylyolytica	0.02599	0.03069	0.01901
54	Haloarcula_argentinensis	0.01830	0.02013	0.01625
55	Haloarcula_californiae	0.02203	0.02108	0.01545
56	Haloarcula_hispanica	0.03392	0.01471	0.01883
57	Haloarcula_japonica	0.02017	0.02457	0.01786
58	Haloarcula_marismortui	0.00878	0.01953	0.02034
59	Haloarcula_sinaiensis	0.03784	0.01784	0.01915
60	Haloarcula_vallismortis	0.02121	0.02466	0.01749
61	Halobacterium_salinarum	0.02810	0.02775	0.01558
62	Halobacterium_unclassified	0.01966	0.00000	0.00242
63	Halobiforma_lacisalsi	0.04413	0.02799	0.01630
64	Halobiforma_nitratireducens	0.02289	0.02466	0.01756
65	Halococcus_hamelinensis	0.02434	0.03230	0.01807
66	Halococcus_morruhuae	0.01763	0.01276	0.01974
67	Halococcus_saccharolyticus	0.01742	0.02345	0.01619
68	Halococcus_salifodinae	0.02278	0.01549	0.01785
69	Halococcus_thailandensis	0.02116	0.02272	0.01817
70	Haloferax_alexandrinus	0.03066	0.01455	0.01505
71	Haloferax_denitrificans	0.02813	0.03078	0.02056
72	Haloferax_elongans	0.04106	0.02681	0.01693
73	Haloferax_gibbonsii	0.02697	0.02567	0.01789
74	Haloferax_larsenii	0.02390	0.02389	0.01955
75	Haloferax_lucentense	0.03055	0.02367	0.02730
76	Haloferax_mediterranei	0.02424	0.02506	0.01681
77	Haloferax_mucosum	0.04286	0.02300	0.01601
78	Haloferax_prahovense	0.02747	0.02767	0.01896
79	Haloferax_sp_BAB2207	0.00000	0.00000	0.01998
80	Haloferax_sulfurifontis	0.05117	0.02483	0.01825
81	Haloferax_volcanii	0.02731	0.01446	0.01672
82	Halogeometricum_borinquense	0.02638	0.02119	0.01856
83	Halogranum_salarium	0.01371	0.01594	0.01741
84	Halomicrobium_katesii	0.02843	0.02934	0.01809
85	Halomicrobium_mukohataei	0.02923	0.02705	0.01764
86	Halonotius_unclassified	0.02100	0.02394	0.01670
87	Halopiger_xanaduensis	0.02031	0.01447	0.01711
88	Haloquadratum_walsbyi	0.02597	0.02363	0.03644
89	Halorhabdus_tiamatea	0.03117	0.02019	0.01681
90	Halorhabdus_utahensis	0.03806	0.02512	0.01743
91	Halorubrum_aidingense	0.03363	0.02417	0.01810
92	Halorubrum_arcis	0.03237	0.02006	0.01874
93	Halorubrum_californiense	0.04262	0.02210	0.01867
94	Halorubrum_coriense	0.02453	0.02441	0.01722
95	Halorubrum_distributum	0.04328	0.02646	0.01790
96	Halorubrum_hochstenium	0.02745	0.01968	0.02033
97	Halorubrum_kocurii	0.03214	0.02160	0.01758
98	Halorubrum_lacusprofundi	0.03912	0.02589	0.02122
99	Halorubrum_lipolyticum	0.03401	0.02899	0.01789
100	Halorubrum_litoreum	0.03007	0.03339	0.01675
101	Halorubrum_saccharovorum	0.02534	0.02252	0.01546
102	Halorubrum_tebenquichense	0.01911	0.01893	0.01659
103	Halorubrum_terrestre	0.01733	0.02577	0.01944
104	Halosarcina_pallida	0.00874	0.02597	0.01788
105	Halosimplex_carlsbadense	0.03702	0.02317	0.01798
106	Haloterrigena_limicola	0.02132	0.02720	0.01667
107	Haloterrigena_salina	0.03048	0.02066	0.01714
108	Haloterrigena_thermotolerans	0.03254	0.03013	0.01706
109	Haloterrigena_turkmenica	0.02978	0.02528	0.01610
110	Halovivax_asiaticus	0.02414	0.02362	0.01792
111	Halovivax_ruber	0.02148	0.02197	0.01546
112	Halovivax_unclassified	0.00419	0.00000	0.00000
113	Natrialba_aegyptia	0.01960	0.01589	0.01605
114	Natrialba_asiatica	0.01319	0.02178	0.01807
115	Natrialba_chahannaensis	0.02637	0.02521	0.01718
116	Natrialba_hulunbeirensis	0.03196	0.02045	0.01450
117	Natrialba_magadii	0.01677	0.01863	0.01719
118	Natrialba_taiwanensis	0.02979	0.01558	0.01714
119	Natrinema_altunense	0.02389	0.02269	0.01692
120	Natrinema_gari	0.01883	0.02098	0.01964
121	Natrinema_pallidum	0.00953	0.02559	0.01472
122	Natrinema_pellirubrum	0.01724	0.02100	0.01678
123	Natrinema_versiforme	0.01934	0.02807	0.01741
124	Natronobacterium_gregoryi	0.01758	0.02497	0.01686
125	Natronococcus_amylyolyticus	0.01744	0.02486	0.01600
126	Natronococcus_jeotgali	0.02397	0.02630	0.01895
127	Natronococcus_occultus	0.01992	0.02166	0.01700
128	Natronolimnobius_innermongolicus	0.01601	0.01517	0.01497
129	Natronomonas_pharaonis	0.02736	0.02938	0.01406
130	Natronorubrum_bangense	0.02803	0.02441	0.01619
131	Natronorubrum_sulfidifaciens	0.02886	0.01906	0.01729
132	Natronorubrum_tibetense	0.02125	0.02365	0.01672
133	Methanobacterium_formicicum	0.02250	0.03090	0.02088
134	Methanobacterium_sp_AL_21	0.00000	0.00000	0.01998
135	Methanobacterium_sp_Maddingley_MBC34	0.00000	0.00000	0.02134
136	Methanobacterium_sp_SWAN_1	0.00000	0.00000	0.02165
137	Methanobacterium_unclassified	0.00725	0.00000	0.00000
138	Methanobrevibacter_ruminantium	0.01931	0.02219	0.02061
139	Methanobrevibacter_smithii	0.01351	0.02606	0.01884
140	Methanobrevibacter_sp_AbM4	0.00000	0.00000	0.01791
141	Methanobrevibacter_unclassified	0.01416	0.00000	0.00000
142	Methanosphaera_stadtmanae	0.01725	0.02612	0.02029
143	Methanothermobacter_marburgensis	0.02179	0.02742	0.02125
144	Methanothermobacter_thermautotrophicus	0.01958	0.02360	0.01914
145	Methanothermus_fervidus	0.02437	0.02154	0.02119
146	Methanocaldococcus_fervens	0.00489	0.02018	0.01931
147	Methanocaldococcus_infernus	0.00854	0.02806	0.01978
148	Methanocaldococcus_jannaschii	0.01223	0.02241	0.01925
149	Methanocaldococcus_unclassified	0.01963	0.00000	0.00000
150	Methanocaldococcus_villosus	0.01261	0.02006	0.02202
151	Methanocaldococcus_vulcanius	0.01026	0.01848	0.02233
152	Methanotorris_formicicus	0.01100	0.02423	0.02276
153	Methanotorris_igneus	0.01569	0.02347	0.02129
154	Methanococcus_aeolicus	0.00935	0.02508	0.01834
155	Methanococcus_maripaludis	0.02144	0.01682	0.02163
156	Methanococcus_vannielii	0.01589	0.02216	0.02172
157	Methanococcus_voltae	0.01260	0.01946	0.01977
158	Methanothermococcus_okinawensis	0.01009	0.01989	0.02014
159	Methanothermococcus_thermolithotrophicus	0.00485	0.02196	0.01967
160	Methanocella_arvoryzae	0.01155	0.02495	0.02005
161	Methanocella_conradii	0.02144	0.02775	0.02011
162	Methanocella_paludicola	0.01734	0.02499	0.01730
163	Methanomassilicoccus_luminyensis	0.04593	0.03668	0.01898
164	Methanocorpusculum_labreanum	0.03808	0.02646	0.01926
165	Methanoculleus_bourgensis	0.04066	0.02467	0.01858
166	Methanoculleus_marisnigri	0.04615	0.02275	0.01915
167	Methanofollis_liminatans	0.03636	0.03258	0.02109
168	Methanoplanus_limicola	0.01785	0.02746	0.02055
169	Methanoplanus_petrolearius	0.02997	0.02765	0.01963
170	Methanolinea_tarda	0.03201	0.02502	0.02024
171	Methanoregula_boonei	0.02547	0.02946	0.02220
172	Methanoregula_formicica	0.03469	0.02243	0.01981
173	Methanosphaerula_palustris	0.04425	0.02694	0.02027
174	Methanospirillum_hungatei	0.02649	0.02949	0.02165
175	Methanosaeta_concili	0.01241	0.03220	0.01862
176	Methanosaeta_harundinacea	0.04189	0.03079	0.02191
177	Methanosaeta_thermophila	0.03337	0.02331	0.01790
178	Methanococcoides_burtonii	0.01319	0.02470	0.01968
179	Methanohalobium_evestigatum	0.01143	0.02203	0.02255
180	Methanohalophilus_mahii	0.27950	0.03849	0.09564
181	Methanolobus_psychrophilus	0.01351	0.02568	0.02068
182	Methanolobus_tindarius	0.02456	0.02721	0.01913
183	Methanomethylovorans_hollandica	0.02085	0.01871	0.01869
184	Methanosalsum_zhilinae	0.01283	0.03081	0.01927
185	Methanosarcina_acetivorans	0.01323	0.02229	0.02163
186	Methanosarcina_barkeri	0.02869	0.02747	0.01794
187	Methanosarcina_mazei	0.02358	0.02474	0.02210
188	Methanopyrus_kandleri	0.04557	0.02717	0.01950
189	Pyrococcus_abyssi	0.02556	0.02034	0.01915
190	Pyrococcus_furiosus	0.02155	0.02470	0.02042
191	Pyrococcus_horikoshii	0.02212	0.02052	0.01886
192	Pyrococcus_sp_NA2	0.00000	0.00000	0.02124
193	Pyrococcus_sp_ST04	0.00000	0.00000	0.02010
194	Pyrococcus_yayanosii	0.04117	0.03311	0.02211
195	Thermococcus_barophilus	0.02119	0.02527	0.01908
196	Thermococcus_gammatolerans	0.01485	0.02890	0.01882
197	Thermococcus_kodakarensis	0.01711	0.02433	0.01909
198	Thermococcus_onnurineus	0.01715	0.02533	0.01835
199	Thermococcus_sibiricus	0.02552	0.02570	0.02094
200	Thermococcus_sp_4557	0.00000	0.00000	0.01785
201	Thermococcus_sp_AM4	0.00000	0.00000	0.02224
202	Thermococcus_sp_CL1	0.00000	0.00000	0.01875
203	Thermococcus_zilligii	0.03376	0.03699	0.01871</