



MicroB© Archaea

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Biological data source	Release date
Taxonomy	20/10/2011
Genome Reviews	04/06/2011
UniProt	19/10/2011
HAMAP	25/10/2011
Gene Ontology	20/10/2011
Enzyme	20/10/2011
KEGG ligand / pathway	21/10/2011

Organism	Strain	Family	Nb of repli-cons	Genome size (pb)	Nb of CDSs	Nb of tRNAs	Nb of rRNAs	Nb of sRNAs	Nb of ECs	Nb of GOs
Acidilobus saccharovorans 345-15	DSM 16705 = VKM B-2471 = 345-15	Acidilobaceae	1	1496453	1499	45	3	1	253	2456
Ferroglobus placidus DSM 10642	DSM 10642 = AEDII12DO	Archaeoglobaceae	1	2196266	2480	50	3	2	305	3804
Archaeoglobus profundus DSM 5631	DSM 5631 = JCM 9629 = NBRC 100127 = Av18	Archaeoglobaceae	1	1560622	1819	47	3	3	267	2963
Archaeoglobus fulgidus DSM 4304	ATCC 49558 = VC-16 = DSM 4304 = JCM 9628 = NBRC 100126	Archaeoglobaceae	1	2178400	2411	46	3	3	327	4250
Aeropyrum pernix K1	ATCC 700893 = DSM 11879 = JCM 9820 = NBRC 100138 = K1	Desulfurococcaceae	1	1669696	1700	47	3	7	350	2733
Ignicoccus hospitalis KIN4/I	KIN4/I = DSM 18386 = JCM 14125	Desulfurococcaceae	1	1297538	1434	44	4	1	187	2239
Staphylothermus marinus F1	ATCC 43588 = DSM 3639 = F1	Desulfurococcaceae	1	1570485	1570	40	3	2	235	2417
Desulfurococcus kamchatkensis 1221n	1221n = DSM 18924	Desulfurococcaceae	1	1365223	1471	47	3	5	88	2295
Desulfurococcus mucosus DSM 2162	ATCC 35584 = DSM 2162 = JCM 9187 = O7/1	Desulfurococcaceae	1	1314639	1345	46	3	1	234	2214
Thermosphaera aggregans DSM 11486	DSM 11486 = M11TL	Desulfurococcaceae	1	1316595	1387	44	3	3	226	2222
Staphylothermus hellenicus DSM 12710	DSM 12710 = JCM 10830 = BK20S6-10-b1 = P8	Desulfurococcaceae	1	1580347	1599	44	3	1	157	2345
Ignisphaera aggregans DSM 17230	DSM 17230 = JCM 13409 = AQ1.S1	Desulfurococcaceae	1	1875953	1930	47	3	0	269	2741
Halalkalicoccus jeotgali B3	DSM 18796 = CECT 7217 = JCM 14584 = KCTC 4019 = B3	Halobacteriaceae	7	3698650	3873	47	2	1	243	5063
Haloferax volcanii DS2	ATCC 29605 = DSM 3757 = JCM 8879 = NBRC 14742 = NCIMB 2012 = VKM B-1768 = DS2	Halobacteriaceae	5	4012900	4018	43	6	3	785	5748

Halobacterium sp. NRC-1	ATCC 700922 = JCM 11081 = NRC-1	Halobacteriaceae	3	2571010	2608	47	4	3	256	4054
Natrialba magadii ATCC 43099	ATCC 43099 = DSM 3394 = NCIMB 2190 = MS3	Halobacteriaceae	4	4443643	4212	46	12	2	385	5382
Natronomonas pharaonis DSM 2160	DSM 2160 = ATCC 35678	Halobacteriaceae	3	2749696	2842	46	3	4	746	4389
Halomicrobium mukohataei DSM 12286	ATCC 700874 = DSM 12286 = JCM 9738 = NCIMB 13541	Halobacteriaceae	2	3332349	3349	47	12	1	96	1550
Haloarcula marismortui ATCC 43049	ATCC 43049 = DSM 3752 = JCM 8966 = VKM B-1809	Halobacteriaceae	9	4274642	4244	50	10	2	716	5806
Halobacterium salinarum R1	ATCC 29341 = DSM 671 = R1	Halobacteriaceae	5	2668776	2886	47	3	3	606	4120
Halorubrum lacusprofundi ATCC 49239	ATCC 49239 = DSM 5036 = JCM 8891 = ACAM 34	Halobacteriaceae	3	3692576	3560	51	9	2	323	4796
Halorhabdus utahensis DSM 12940	DSM 12940 = JCM 11049 = AX-2	Halobacteriaceae	1	3116795	2998	45	4	1	311	4372
Haloquadratum walsbyi DSM 16790	DSM 16790	Halobacteriaceae	2	3179361	2861	44	6	2	674	3997
Haloterrigena turkmenica DSM 5511	ATCC 51198 = DSM 5511 = NCIMB 13204 = VKM B-1734	Halobacteriaceae	1	3889038	3739	52	10	2	350	5229
Halogeometricum borinquense DSM 11551	ATCC 700274 = DSM 11551 = JCM 10706 = PR3	Halobacteriaceae	6	3944467	3898	50	6	1	452	5464
Methanobrevibacter smithii ATCC 35061	PS = ATCC 35061 = DSM 861	Methanobacteriaceae	1	1853160	1795	34	8	2	434	3137
Methanobrevibacter ruminantium M1	ATCC 35063 = DSM 1093 = JCM 13430 = M1	Methanobacteriaceae	1	2937203	2217	58	8	4	446	3513
Methanothermobacter marburgensis str. Marburg	DSM 2133 = 14651 = NBRC 100331 = OCM 82 = Marburg	Methanobacteriaceae	2	1639135	1755	40	8	1	483	3377
Methanosphaera stadtmanae DSM 3091	DSM 3091	Methanobacteriaceae	1	1767403	1534	40	12	2	365	2827
Methanobacterium sp. AL-21	AL-21	Methanobacteriaceae	1	2583753	2493	42	7	2	455	4206

Methanothermobacter thermautotrophicus str. Delta H	Delta H	Methanobacteriaceae	1	1751377	1869	39	6	3	346	3519
Methanocaldococcus sp. FS406-22	FS406-22	Methanocaldococcaceae	1	1760939	1804	36	6	2	307	3176
Methanocaldococcus vulcanius M7	ATCC 700851 = DSM 12094 = M7	Methanocaldococcaceae	1	1746329	1727	36	6	1	305	3060
Methanocaldococcus fervens AG86	DSM 4213 = JCM 157852 = AG86	Methanocaldococcaceae	1	1485061	1546	37	6	2	289	2945
Methanocaldococcus jannaschii DSM 2661	ATCC 43067 = DSM 2661 = JAL-1 = JCM 10045 = NBRC 100440	Methanocaldococcaceae	3	1739927	1788	37	6	8	495	3943
Methanocaldococcus infernus ME	DSM 11812 = JCM 15783 = ME	Methanocaldococcaceae	1	1328194	1441	38	6	2	286	2895
Methanocella paludicola SANA E	DSM 17711 = JCM 13418 = NBRC 101707 = SANA E	Methanocellaceae	1	2957635	3004	48	8	2	188	4602
Methanococcus maripaludis C6	C6 = ATCC BAA-1332	Methanococcaceae	1	1744193	1826	36	10	2	312	3171
Methanococcus maripaludis C7	C7 = ATCC BAA-1331	Methanococcaceae	1	1772694	1788	36	10	2	317	3239
Methanococcus voltae A3	ATCC BAA-1334 = A3	Methanococcaceae	1	1936387	1717	39	7	1	277	3049
Methanococcus aeolicus Nankai-3	Nankai-3 = ATCC BAA-1280	Methanococcaceae	1	1569500	1490	37	8	3	303	2978
Methanococcus vanniellii SB	SB = ATCC 35089 = DSM 1224	Methanococcaceae	1	1720048	1678	36	13	2	326	3237
Methanococcus maripaludis	S2 = LL	Methanococcaceae	1	1661137	1722	38	10	2	480	3299
Methanococcus maripaludis C5	C5 = ATCC BAA-1333	Methanococcaceae	2	1789046	1822	36	10	2	445	3313
Methanocorpusculum labreanum Z	ATCC 43576 = DSM 4855 = Z	Methanocorpusculaceae	1	1804962	1739	52	9	5	407	3185
Methanoculleus marisnigri JR1	ATCC 35101 = DSM 1498 = JR1	Methanomicrobiaceae	1	2478101	2489	48	3	2	479	4118
Methanoplanus petrolearius DSM 11571	DSM 11571 = OCM 486 = SEBR 4847	Methanomicrobiaceae	1	2843290	2785	48	7	2	319	4264
Methanopyrus kandleri AV19	AV19 = DSM 6324 = JCM 9639 = NBRC 100938	Methanopyraceae	1	1694969	1691	35	3	1	248	2855
Methanosaeta thermophila PT	DSM 6194 = PT	Methanosaetaceae	1	1879471	1696	44	6	1	415	3173
Methanosarcina barkeri str. Fusaro	Fusaro = DSM 804	Methanosarcinaceae	2	4873766	3629	63	9	2	506	5601
Methanohalobium evestigatum Z-7303	DSM 3721 = OCM 161 = Z-7303	Methanosarcinaceae	2	2406232	2254	51	6	2	333	3808

Methanosarcina acetivorans C2A	ATCC 35395 = DSM 2834 = JCM 12185 = C2A	Methanosarcinaceae	1	5751492	4540	59	10	2	324	6387
Methanohalophilus mahii DSM 5219	ATCC 35705 = DSM 5219 = SLP	Methanosarcinaceae	1	2012424	1987	52	9	2	482	3785
Methanococcoides burtonii DSM 6242	DSM 6242	Methanosarcinaceae	1	2575032	2272	53	12	3	523	4043
Methanosarcina mazei Go1	ATCC BAA-159 = DSM 3647 = Goe1 = Go1 = JCM 11833 = OCM 88	Methanosarcinaceae	1	4096345	3358	57	10	2	750	5238
Methanospirillum hungatei JF-1	JF-1 = DSM 864	Methanospirillaceae	1	3544738	3139	51	14	3	557	5201
Methanothermus fervidus DSM 2088	ATCC 43054 = DSM 2088 = JCM 10308 = V24 S	Methanothermaceae	1	1243342	1283	41	6	2	397	2706
Nitrosopumilus maritimus SCM1	SCM1	Nitrosopumilaceae	1	1645259	1795	38	4	1	236	2814
Picrophilus torridus DSM 9790	ATCC 700027 = DSM 9790 = JCM 10055 = NBRC 100828	Picrophilaceae	1	1545895	1535	44	3	3	595	2878
Hyperthermus butylicus DSM 5456	DSM 5456 = JCM 9403	Pyrodictiaceae	1	1667163	1602	46	4	1	212	2446
Sulfolobus islandicus M.14.25	M.14.25 = Kamchatka #1	Sulfolobaceae	1	2608832	2609	44	3	1	290	3825
Sulfolobus solfataricus P2	ATCC 35092 = DSM 1617 = JCM 11322 = P2	Sulfolobaceae	1	2992245	2995	46	4	6	644	4506
Sulfolobus islandicus Y.N.15.51	Y.N.15.51 = Yellowstone #2	Sulfolobaceae	2	2854410	2900	44	4	2	286	4132
Sulfolobus tokodaii str. 7	DSM 16993 = JCM 10545 = NBRC 100140 = 7	Sulfolobaceae	1	2694756	2826	46	3	21	445	3043
Sulfolobus islandicus M.16.4	M.16.4 = Kamchatka #3	Sulfolobaceae	1	2586647	2736	45	4	2	289	3852
Sulfolobus islandicus Y.G.57.14	Y.G.57.14 = Yellowstone #1	Sulfolobaceae	1	2702058	2905	45	3	7	285	4058
Sulfolobus islandicus REY15A	REY15A	Sulfolobaceae	1	2522992	2644	45	4	60	169	3837
Metallosphaera sedula DSM 5348	ATCC 51363 = DSM 5348	Sulfolobaceae	1	2191517	2256	42	2	4	443	3487
Sulfolobus islandicus M.16.27	M.16.27	Sulfolobaceae	1	2692402	2657	44	3	1	289	3860

Sulfolobus acidocaldarius DSM 639	ATCC 33909 = DSM 639 = JCM 8929 = NBRC 15157 = NCIMB 11770	Sulfolobaceae	1	2225959	2222	49	2	18	534	3443
Sulfolobus solfataricus 98/2	98/2	Sulfolobaceae	1	2668974	2679	45	3	1	282	3917
Sulfolobus islandicus L.S.2.15	L.S.2.15 = Lassen #1	Sulfolobaceae	1	2736272	2738	45	3	2	756	4009
Sulfolobus islandicus L.D.8.5	L.D.8.5 = Lassen #2	Sulfolobaceae	1	2722032	2917	45	3	7	169	3988
Sulfolobus islandicus HVE10/4	HVE10/4	Sulfolobaceae	1	2655201	2723	45	4	54	171	3990
Thermococcus kodakarensis KOD1	KOD1 = ATCC BAA-918 = JCM 12380 =)	Thermococcaceae	1	2088737	2306	46	5	20	239	3522
Pyrococcus abyssi GE5	GE5 = Orsay	Thermococcaceae	1	1765118	1784	46	5	46	272	3316
Thermococcus onnurineus NA1	NA1	Thermococcaceae	1	1847607	1976	46	5	18	172	3274
Pyrococcus furiosus DSM 3638	ATCC 43587 = DSM 3638 = JCM 8422 = Vc1	Thermococcaceae	1	1908256	2065	46	4	52	287	3576
Pyrococcus horikoshii OT3	ATCC 700860 = DSM 12428 = JCM 9974 = NBRC 100139 = OT-3	Thermococcaceae	1	1738505	2076	46	3	33	252	3154
Thermococcus gammatolerans EJ3	DSM 15229 = JCM 11827 = EJ3	Thermococcaceae	1	2045438	2157	46	4	4	472	3410
Thermococcus sibiricus MM 739	MM 739 = DSM 12597	Thermococcaceae	1	1845800	2037	46	4	10	387	3329
Thermococcus barophilus MP	DSM 11836 = MP	Thermococcaceae	2	2064237	2265	46	4	0	167	3492
Thermofilum pendens Hrk 5	Hrk 5	Thermofilaceae	2	1813393	1876	32	3	3	255	2707
Thermoplasma acidophilum DSM 1728	ATCC 25905 = DSM 1728 = JCM 9062 = NBRC 15155 = AMRC-C165	Thermoplasmataceae	1	1564906	1478	45	3	3	206	2739
Thermoplasma volcanium GSS1	ATCC 51530 = DSM 4299 = JCM 9571 = NBRC 15438 = GSS1	Thermoplasmataceae	1	1584804	1526	46	3	4	189	2723
Caldivirga maquilingensis IC-167	DSMZ 13496 = IC-167	Thermoproteaceae	1	2077567	1963	42	3	2	249	3118
Pyrobaculum islandicum DSM 4184	DSM 4184 = JCM 9189	Thermoproteaceae	1	1826402	1978	45	3	1	365	2903

Pyrobaculum arsenaticum DSM 13514	DSM 13514 = JCM 11321	Thermoproteaceae	1	2121076	2298	41	3	0	388	3138
Vulcanisaeta distributa DSM 14429	DSM 14429 = JCM 11212 = NBRC 100878 = IC-017	Thermoproteaceae	1	2374137	2493	46	3	0	278	3354
Thermoproteus neutrophilus V24Sta	DSM 2338 = JCM 9278 = V24Sta	Thermoproteaceae	1	1769823	1966	38	4	1	231	2863
Pyrobaculum calidifontis JCM 11548	JCM 11548 = VA1	Thermoproteaceae	1	2009313	2149	22	3	1	387	3115
Pyrobaculum aerophilum str. IM2	ATCC 51768 = IM2 = DSM 7523 = JCM 9630 = NBRC 100827	Thermoproteaceae	1	2222430	2605	36	3	51	201	3222
Vulcanisaeta moutnovskia 768-28	768-28	Thermoproteaceae	1	2298983	2320	42	3	0	115	3153
Methanoregula boonei 6A8	6A8		1	2542943	2450	47	3	4	304	4166
Methanosphaerula palustris E1-9c	ATCC BAA-1556 = DSM 19958 = E1-9c		1	2922917	2655	55	12	3	304	4477
Candidatus Korarchaeum cryptofilum OPF8	OPF8		1	1590757	1602	45	3	1	204	2727
Aciduliprofundum boonei T469	DSM 19572 = T469		1	1486778	1544	32	3	2	269	2826
uncultured methanogenic archaeon			1	3179916	3085	54	9	3	640	4657
Nanoarchaeum equitans Kin4-M	Kin4-M		1	490885	536	38	17	0	43	924