

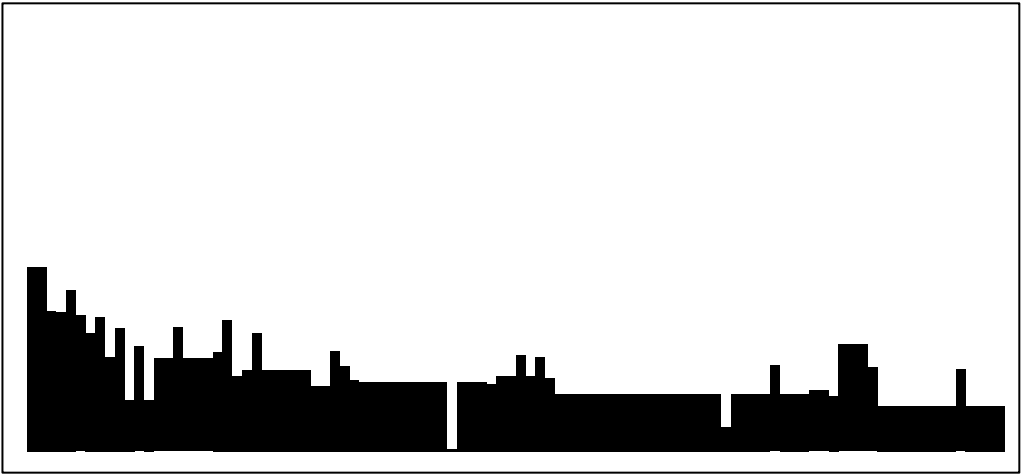
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Caulobacter crescentus NA1000

Caulobacteraceae

Caulobacterales

88.64



Caulobacter crescentus NA1000, complete genome	CP001340	88.64	84.62	3.39376e-56	Caulobacterales	Caulobacteraceae	Caulobacter crescentus NA1000
Caulobacter crescentus CB15, complete genome	AE005673	88.64	84.62	3.39376e-56	Caulobacterales	Caulobacteraceae	Caulobacter crescentus CB15
Caulobacter sp. K31, complete genome	CP000927	86.59	86.06	2.1417e-52	Caulobacterales	Caulobacteraceae	Caulobacter sp. K31
Sphingomonas taxi strain ATCC 55669, complete geno	CP009571	86.52	85.58	7.47525e-52	Sphingomonadales	Sphingomonadaceae	Sphingomonas taxi
Brevundimonas naejangsanensis strain B1, complete	CP015614	87.57	81.25	9.10672e-51	Caulobacterales	Caulobacteraceae	Brevundimonas naejangsanensis
Caulobacter henricii strain CB4, complete genome	CP013002	86.36	84.62	9.10672e-51	Caulobacterales	Caulobacteraceae	Caulobacter henricii
Brevundimonas subvibrioides ATCC 15264, complete g	CP002102	85.56	86.54	3.17856e-50	Caulobacterales	Caulobacteraceae	Brevundimonas subvibrioides ATCC 15264
Caulobacter segnis ATCC 21756, complete genome	CP002008	86.29	84.13	3.17856e-50	Caulobacterales	Caulobacteraceae	Caulobacter segnis ATCC 21756
Rhizobiales bacterium NRL2, complete genome	CP016093	84.41	89.42	3.87228e-49	Rhizobiales		Rhizobiales bacterium NRL2
PREDICTED: Pantholops hodgsonii cytochrome c oxida	XM_005977034	85.8	84.62	3.87228e-49		Bovidae	Pantholops hodgsonii
Mesorhizobium loti NZP2037, complete genome	CP016079	82.41	95.67	4.7174e-48	Rhizobiales	Phyllobacteriaceae	Mesorhizobium loti NZP2037
Pannonibacter phragmitetus strain 31801, complete	CP013068	84.92	86.06	4.7174e-48	Rhodobacterales	Rhodobacteraceae	Pannonibacter phragmitetus
Mesorhizobium huakuii 7653R genome	CP006581	82.41	95.67	4.7174e-48	Rhizobiales	Phyllobacteriaceae	Mesorhizobium huakuii 7653R
Rhizobium phaseoli strain N831, complete genome	CP013563	84.36	86.06	5.74697e-47	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium phaseoli strain N931, complete genome	CP013552	84.36	86.06	5.74697e-47	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Parastrongyloides trichosuri genome assembly P_tri	LM523258	85.8	81.25	5.74697e-47	Rhizobiales	Strongyloididae	Parastrongyloides trichosuri
Candidatus Phaemaribacter ectocarpi complete ge	HG966617	84.36	86.06	5.74697e-47	Rhizobiales	Rhodobiaceae	Candidatus Phaemaribacter ectocarpi
Rhizobium etli CIAT 652, complete genome	CP001074	84.36	86.06	5.74697e-47	Rhizobiales	Rhizobiaceae	Rhizobium etli CIAT 652
Bradyrhizobium sp. BTAi1, complete genome	CP000494	84.36	86.06	5.74697e-47	Rhizobiales	Bradyrhizobiaceae	Bradyrhizobium sp. BTAi1
Aminobacter aminovorans strain KCTC 2477, complete	CP015005	84.66	84.62	2.00589e-46	Rhizobiales	Phyllobacteriaceae	Aminobacter aminovorans
Azospirillum brasilense strain Az39, complete geno	CP007793	86.14	79.81	2.00589e-46	Rhodospirillales	Rhodospirillaceae	Azospirillum brasilense
Sphingomonas wittichii RW1, complete genome	CP000699	83.52	87.5	7.00124e-46	Sphingomonadales	Sphingomonadaceae	Sphingomonas wittichii RW1
Sphingobium baderi strain DE-13, complete genome	CP013264	83.8	86.06	2.44367e-45	Sphingomonadales	Sphingomonadaceae	Sphingobium baderi
Azospirillum brasilense strain Sp7, complete seque	CP012914	85.54	79.81	2.44367e-45	Rhodospirillales	Rhodospirillaceae	Azospirillum brasilense
Citromicrobium sp. JL477, complete genome	CP011344	83.8	86.06	2.44367e-45	Sphingomonadales	Sphingomonadaceae	Citromicrobium sp. JL477
Sphingopyxis fribergensis strain Kp5.2, complete g	CP009122	83.8	86.06	2.44367e-45	Sphingomonadales	Sphingomonadaceae	Sphingopyxis fribergensis
Sphingomonas sanxanigenens NX02, complete genome	CP006644	83.8	86.06	2.44367e-45	Sphingomonadales	Sphingomonadaceae	Sphingomonas sanxanigenens DSM 19645 = NX02
PREDICTED: Pantholops hodgsonii cytochrome c oxida	XM_005971211	83.8	86.06	2.44367e-45		Bovidae	Pantholops hodgsonii
Polymorphum gilvum SL003B-26A1, complete genome	CP002568	83.8	86.06	2.44367e-45			Polymorphum gilvum SL003B-26A1
Sphingopyxis terrae NBRC 15098 strain 203-1, compl	CP013342	83.06	87.98	8.52926e-45	Sphingomonadales	Sphingomonadaceae	Sphingopyxis terrae NBRC 15098
Sphingopyxis granulii strain TFA, complete genome	CP012199	83.06	87.98	8.52926e-45	Sphingomonadales	Sphingomonadaceae	Sphingopyxis granulii
Neorhizobium galegae, complete genome	HG938353	84.71	81.73	8.52926e-45	Rhizobiales	Rhizobiaceae	Neorhizobium galegae bv. orientalis str. HAMBI 540
PREDICTED: Pantholops hodgsonii cytochrome c oxida	XM_005981356	84	84.13	8.52926e-45		Bovidae	Pantholops hodgsonii
Sphingobium sp. SYK-6 DNA, complete genome	AP012222	83.33	86.54	8.52926e-45	Sphingomonadales	Sphingomonadaceae	Sphingobium sp. SYK-6
Rhizobium phaseoli strain N161, complete genome	CP013585	83.24	86.06	2.977e-44	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium phaseoli strain N841, complete genome	CP013557	83.24	86.06	2.977e-44	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Sphingopyxis macrogoltabida strain 203N, complete	CP013344	83.24	86.06	2.977e-44	Sphingomonadales	Sphingomonadaceae	Sphingopyxis macrogoltabida
Sphingobium sp. TKS chromosome 1, complete sequenc	CP005083	83.24	86.06	2.977e-44	Sphingomonadales	Sphingomonadaceae	Sphingobium sp. TKS
Sphingopyxis macrogoltabida strain 203, complete g	CP009429	83.24	86.06	2.977e-44	Sphingomonadales	Sphingomonadaceae	Sphingopyxis macrogoltabida
Sphingopyxis macrogoltabida strain EY-1, complete	CP012700	83.24	86.06	2.977e-44	Sphingomonadales	Sphingomonadaceae	Sphingopyxis macrogoltabida
Sphingopyxis sp. 113P3, complete genome	CP009452	83.24	86.06	2.977e-44	Sphingomonadales	Sphingomonadaceae	Sphingopyxis sp. 113P3
Croceicoccus naphthovorans strain PQ-2, complete g	CP011770	83.24	86.06	2.977e-44	Sphingomonadales	Erythrobacteraceae	Croceicoccus naphthovorans
Sphingobium sp. YBL2, complete genome	CP010954	83.24	86.06	2.977e-44	Sphingomonadales	Sphingomonadaceae	Sphingobium sp. YBL2
Neorhizobium galegae, complete genome	HG938355	80.09	98.56	2.977e-44	Rhizobiales	Rhizobiaceae	Neorhizobium galegae bv. officinalis bv. officinalis str. HAMBI 1141
Azospirillum brasilense Sp245 main chromosome comp	HE577327	83.24	86.06	2.977e-44	Rhodospirillales	Rhodospirillaceae	Azospirillum brasilense Sp245
Rhodopseudomonas palustris DX-1, complete genome	CP002418	83.24	86.06	2.977e-44	Rhodospirillales	Bradyrhizobiaceae	Rhodopseudomonas palustris DX-1
Rhodospirillum centenum SW, complete genome	CP000613	83.24	86.06	2.977e-44	Rhodospirillales	Rhodospirillaceae	Rhodospirillum centenum SW
Sphingomonas sp. WHSC-8, complete genome	CP010836	83.15	85.58	1.03908e-43	Sphingomonadales	Sphingomonadaceae	Sphingomonas hengshuiensis
Sphingomonas sp. NX-3 cytochrome c oxidase subunit	KF999931	83.52	84.62	1.03908e-43	Sphingomonadales	Sphingomonadaceae	Sphingomonas sp. NX-3
Mesorhizobium opportunistum WSM2075, complete geno	CP002279	83.52	84.62	1.03908e-43	Rhizobiales	Phyllobacteriaceae	Mesorhizobium opportunistum WSM2075
Asticcacaulis excentricus CB 48 chromosome 2, comp	CP002396	84.52	80.77	1.03908e-43	Caulobacterales	Caulobacteraceae	Asticcacaulis excentricus CB 48
Mesorhizobium loti MAFF303099 DNA, complete genome	BA000012	83.52	84.62	1.03908e-43	Rhizobiales	Phyllobacteriaceae	Mesorhizobium loti MAFF303099
Bradyrhizobium sp. G22 genome assembly, chromosome	LN907826	84.43	80.29	3.62673e-43	Rhizobiales	Bradyrhizobiaceae	Bradyrhizobium sp.
Mesorhizobium ciceri biovar biserrulae strain WSM1	CP015064	83.43	84.13	3.62673e-43	Rhizobiales	Phyllobacteriaceae	Mesorhizobium ciceri biovar biserrulae
Rhizobium sp. N941, complete genome	CP013643	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium sp. N941
Rhizobium sp. N541, complete genome	CP013636	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium sp. N541
Rhizobium sp. N324, complete genome	CP013630	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium sp. N324
Rhizobium phaseoli strain N261, complete genome	CP013580	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium phaseoli strain N671, complete genome	CP013574	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium phaseoli strain N771, complete genome	CP013568	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium phaseoli strain R611, complete genome	CP013547	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium phaseoli strain R620, complete genome	CP013542	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium phaseoli strain R630, complete genome	CP013537	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium phaseoli strain R650, complete genome	CP013532	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium phaseoli strain R723, complete genome	CP013527	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium phaseoli strain R744, complete genome	CP013522	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium phaseoli
Rhizobium sp. N1314, complete genome	CP013511	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium sp. N1314
Rhizobium sp. N731, complete genome	CP013601	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium sp. N731
Porphyrobacter neustonensis strain DSM 9434, compl	CP016033	82.68	86.06	1.26585e-42	Sphingomonadales	Erythrobacteraceae	Porphyrobacter neustonensis
Sphingobium sp. MI1205 chromosome 1, complete sequ	CP005188	82.68	86.06	1.26585e-42	Sphingomonadales	Sphingomonadaceae	Sphingobium sp. MI1205
Brevundimonas sp. DS20, complete genome	CP012897	82.68	86.06	1.26585e-42	Caulobacterales	Caulobacteraceae	Brevundimonas sp. DS20
PREDICTED: Pantholops hodgsonii cytochrome c oxida	XM_005964101	81.15	91.83	1.26585e-42		Bovidae	Pantholops hodgsonii
Bradyrhizobium oligotrophicum S58 DNA, complete ge	AP012603	82.68	86.06	1.26585e-42	Rhizobiales	Bradyrhizobiaceae	Bradyrhizobium oligotrophicum S58
Sphingobium chlorophenolicum L-1 chromosome 1, com	CP002798	82.68	86.06	1.26585e-42	Sphingomonadales	Sphingomonadaceae	Sphingobium chlorophenolicum L-1
Sphingobium japonicum UT26S DNA, chromosome 1, com	AP010803	82.68	86.06	1.26585e-42	Sphingomonadales	Sphingomonadaceae	Sphingobium japonicum UT26S
Agrobacterium vitis S4 chromosome 1, complete sequ	CP000633	82.68	86.06	1.26585e-42	Rhizobiales	Rhizobiaceae	Agrobacterium vitis S4
Rhizobium leguminosarum bv. trifolii WSM2304, comp	CP001191	84.02	81.25	1.26585e-42	Rhizobiales	Rhizobiaceae	Rhizobium leguminosarum bv. trifolii WSM2304
Phenylobacterium zucineum HLK1, complete genome	CP000747	82.68	86.06	1.26585e-42	Caulobacterales	Caulobacteraceae	Phenylobacterium zucineum HLK1
Sphingopyxis alaskensis RB2256, complete genome	CP000356	82.68	86.06	1.26585e-42	Sphingomonadales	Sphingomonadaceae	Sphingopyxis alaskensis RB2256
Rhodopseudomonas palustris BisB5, complete genome	CP000283	82.68	86.06	1.26585e-42	Rhizobiales	Bradyrhizobiaceae	Rhodopseudomonas palustris BisB5
Mesorhizobium ciceri strain CC1192, complete genom	CP015062	82.86	84.13	4.41826e-42	Rhizobiales	Phyllobacteriaceae	Mesorhizobium ciceri
Mesorhizobium australicum WSM2073, complete genome	CP003358	82.86	84.13	4.41826e-42	Rhizobiales	Phyllobacteriaceae	Mesorhizobium australicum WSM2073
Azospirillum lipoferum 4B main chromosome, complet	FQ311868	82.58	85.58	4.41826e-42	Rhodospirillales	Rhodospirillaceae	Azospirillum lipoferum 4B
Oligotropha carboxidovorans OM5, complete genome	CP002826	85	76.92	4.41826e-42	Rhizobiales	Bradyrhizobiaceae	Oligotropha carboxidovorans OM5
Oligotropha carboxidovorans OM4, complete genome	CP002821	85	76.92	4.41826e-42	Rhizobiales	Bradyrhizobiaceae	Oligotropha carboxidovorans OM4
Oligotropha carboxidovorans OM5 strain OM5, comple	CP001196	85	76.92	4.41826e-42	Rhizobiales	Bradyrhizobiaceae	Oligotropha carboxidovorans OM5
Novosphingobium aromaticivorans DSM 12444, complet	CP000248	83.93	80.77	4.41826e-42	Sphingomonadales	Sphingomonadaceae	Novosphingobium aromaticivorans DSM 12444
Rhizobium sp. N741, complete genome	CP013595	82.12	86.06	1.54213e-41	Rhizobiales	Rhizobiaceae	Rhizobium sp. N741
Rhizobium sp. N871, complete genome	CP013590	82.12	86.06	1.54213e-41	Rhizobiales	Rhizobiaceae	Rhizobium sp. N871
Rhizobium sp. N113, complete genome	CP013517	82.12	86.06	1.54213e-41	Rhizobiales	Rhizobiaceae	Rhizobium sp. N113
Rhizobium sp. N1341, complete genome	CP013505	82.12	86.06	1.54213e-41	Rhizobiales	Rhizobiaceae	Rhizobium sp. N1341
Rhizobium etli strain N561, complete genome	CP013500	82.12	86.06	1.54213e-41	Rhizobiales	Rhizobiaceae	Rhizobium etli
Rhizobium sp. N621, complete genome	CP013495	82.12	86.06	1.54213e-41	Rhizobiales	Rhizobiaceae	Rhizobium sp. N621
Rhizobium sp. N6212, complete genome	CP013490	82.12	86.06	1.54213e-41	Rhizobiales	Rhizobiaceae	Rhizobium sp. N6212
Sphingobium sp. EP60837 chromosome 1, complete seq	CP015986	82.12	86.06	1.54213e-41	Sphingomonadales	Sphingomonadaceae	Sphingobium sp. EP60837
Bradyrhizobium diazoefficiens DNA, complete genome	AP014685	83.83	80.29	1.54213e-41	Rhizobiales	Bradyrhizobiaceae	Bradyrhizobium diazoefficiens
Rhizobium leguminosarum bv. trifolii CB782, comple	CP007067	82.12	86.06	1.54213e-41	Rhizobiales	Rhizobiaceae	Rhizobium leguminosarum bv. trifolii CB782
Rhizobium etli bv. mimosae str. Mim1, complete gen	CP005950	82.12	86.06	1.54213e-41	Rhizobiales	Rhizobiaceae	Rhizobium etli bv. mimosae str. Mim1
Methylocystis sp. SC2 complete genome	HE956757	82.12	86.06	1.54213e-41	Rhizobiales	Methylocystaceae	Methylocystis sp. SC2
Tistrella mobilis KA081020-065, complete genome	CP003236	82.12	86.06	1.54213e-41	Rhodospirillales	Rhodospirillaceae	Tistrella mobilis KA081020-065