

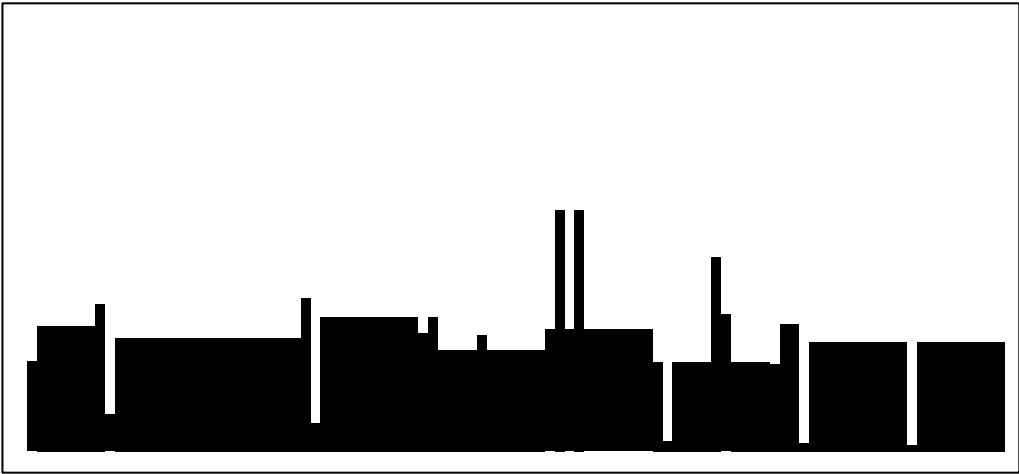
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Thiobacillus denitrificans ATCC 25259

Hydrogenophilaceae

Hydrogenophiales

84.21



Thiobacillus denitrificans ATCC 25259, complete ge	CP000116	84.21	99.52	3.43322e-56	Hydrogenophiales	Hydrogenophilaceae	Thiobacillus denitrificans ATCC 25259
Azoarcus olearius strain DQS4, complete genome	CP016210	85.88	84.29	1.12233e-49	Rhodocyclales	Rhodocyclaceae	Azoarcus olearius
Cupriavidus nantongensis strain X1 chromosome 1, c	CP014844	85.88	84.29	1.12233e-49	Burkholderiales	Burkholderiaceae	Cupriavidus nantongensis
Ralstonia solanacearum strain YC45, complete genom	CP011997	85.88	84.29	1.12233e-49	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum CMR15 chromosome, complete	FP885895	85.88	84.29	1.12233e-49	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum CMR15
Cupriavidus taiwanensis str. LMG19424 chromosome 1	CU633749	85.88	84.29	1.12233e-49	Burkholderiales	Burkholderiaceae	Cupriavidus taiwanensis LMG 19424
Ralstonia solanacearum GMI1000 chromosome complete	AL646052	85.88	84.29	1.12233e-49	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum GMI1000
Pseudomonas resinovorans NBRC 106553 DNA, complete	AP013068	86.9	80	3.9173e-49	Pseudomonadales	Pseudomonadaceae	Pseudomonas resinovorans NBRC 106553
Azoarcus sp. KH32C DNA, complete genome	AP012304	81.73	99.05	3.9173e-49	Rhodocyclales	Rhodocyclaceae	Azoarcus sp. KH32C
Ralstonia solanacearum strain YC40-M, complete gen	CP015850	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum strain IBSBF1503, complete	CP012943	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum strain UW163, complete geno	CP012939	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum strain KACC 10722, complete	CP014702	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Collimonas pratensis strain Ter91, complete genome	CP013234	85.31	84.29	1.36727e-48	Burkholderiales	Oxalobacteraceae	Collimonas pratensis
Ralstonia solanacearum genome assembly 9 genomes,	LN899822	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum genome assembly 9 genomes,	LN899820	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum genome assembly 9 genomes,	LN899827	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum genome assembly 9 genomes,	LN899826	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum genome assembly 9 genomes,	LN899825	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum genome assembly 9 genomes,	LN899824	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum genome assembly 9 genomes,	LN899823	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum genome assembly 9 genomes,	LN899821	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum genome assembly 9 genomes,	CP012640	85.31	84.29	1.36727e-48	Burkholderiales	Oxalobacteraceae	Massilia sp. WG5
Massilia sp. WG5, complete genome	CP004012	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum FQY_4
Ralstonia solanacearum FQY_4, complete genome	FR854088	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia syzygii R24
Ralstonia syzygii R24, genomic contig 00003-1628	CP002819	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum Po82
Ralstonia solanacearum Po82, complete genome	FP885906	85.31	84.29	1.36727e-48	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum PSIO7
Ralstonia solanacearum str. PSIO7 chromosome, comp	AM406670	85.31	84.29	1.36727e-48	Rhodocyclales	Rhodocyclaceae	Azoarcus sp. BH72
Azoarcus sp. BH72, complete genome	LK931622	87.2	78.1	4.77225e-48	Burkholderiales		Thiomonas sp. CB2
Thiomonas sp. CB2 genome assembly ThiCB2, scaffold	CP000089	81.34	99.52	4.77225e-48	Rhodocyclales	Rhodocyclaceae	Dechloromonas aromatica RCB
Dechloromonas aromatica RCB, complete genome	CP011789	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas putida
Pseudomonas putida strain PC2, complete genome	AP014862	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas balearica
Pseudomonas balearica DNA, complete genome, strain	CP011020	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas chlororaphis
Pseudomonas chlororaphis strain UFB2, complete gen	AP014627	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas sp. Os17
Pseudomonas sp. Os17 DNA, complete genome	CP009290	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas chlororaphis subsp. aurantiaca
Pseudomonas chlororaphis subsp. aurantiaca strain	CP009048	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas alkylphenolia
Pseudomonas alkylphenolia strain KL28, complete ge	CP008696	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas chlororaphis
Pseudomonas chlororaphis strain PA23, complete gen	CP007441	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas stutzeri
Pseudomonas stutzeri strain 28a24, complete genome	CP003961	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas sp. VLB120
Pseudomonas sp. VLB120, complete genome	CP003071	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas stutzeri RCH2
Pseudomonas stutzeri RCH2, complete genome	CP002287	85.55	82.38	1.66568e-47	Burkholderiales	Alcaligenaceae	Achromobacter xylosoxidans A8
Achromobacter xylosoxidans A8, complete genome	CP000680	86.31	80	1.66568e-47	Pseudomonadales	Pseudomonadaceae	Pseudomonas mendocina ymp
Pseudomonas mendocina ymp, complete genome	CP016172	84.75	84.29	5.81379e-47	Burkholderiales	Alcaligenaceae	Bordetella flabiiis
Bordetella flabiiis strain AU10664, complete genom	CP016171	84.75	84.29	5.81379e-47	Burkholderiales	Alcaligenaceae	Bordetella bronchialis
Bordetella bronchialis strain AU17976, complete ge	CP016170	84.75	84.29	5.81379e-47	Burkholderiales	Alcaligenaceae	Bordetella bronchialis
Bordetella bronchialis strain AU3182, complete gen	CP016022	84.75	84.29	5.81379e-47	Burkholderiales	Burkholderiaceae	Ralstonia insidiosa
Ralstonia insidiosa strain ATCC 49129 chromosome 1	CP013480	85.47	81.9	5.81379e-47	Burkholderiales	Burkholderiaceae	Pandoraea norimbergensis
Pandoraea norimbergensis strain DSM 11628, complet	CP011257	84.75	84.29	5.81379e-47	Burkholderiales	Burkholderiaceae	Ralstonia mannitolilytica
Ralstonia mannitolilytica strain SN83A39 chromosom	CP013236	84.75	84.29	5.81379e-47	Burkholderiales	Oxalobacteraceae	Collimonas pratensis
Collimonas pratensis strain Ter291, complete genom	LN899819	84.75	84.29	5.81379e-47	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum genome assembly 9 genomes,	FR854066	84.75	84.29	5.81379e-47	Burkholderiales	Burkholderiaceae	blood disease bacterium R229
blood disease bacterium R229, genomic contig 00010	AM902716	84.75	84.29	5.81379e-47	Burkholderiales	Alcaligenaceae	Bordetella petrii
Bordetella petrii strain DSM 12804, complete genom	CP000352	84.75	84.29	5.81379e-47	Burkholderiales	Burkholderiaceae	Cupriavidus metallidurans CH34
Cupriavidus metallidurans CH34, complete genome	CP014870	85.71	80	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas sp. A3(2016)
Pseudomonas sp. A3(2016), complete genome	CP015878	91.3	65.71	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas citronellolis
Pseudomonas citronellolis strain SJTE-3, complete	CP014784	85.71	80	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas alcaligenes
Pseudomonas alcaligenes strain NEB 585, complete g	CP014158	91.3	65.71	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas citronellolis
Pseudomonas citronellolis strain P3B5, complete ge	CP014343	85.71	80	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas putida
Pseudomonas putida strain 1A00316, complete genome	CP011854	85.71	80	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas stutzeri
Pseudomonas stutzeri strain SLG510A3-8, complete g	AP014628	85.71	80	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas sp. St29
Pseudomonas sp. St29 DNA, complete genome	LK391695	85.71	80	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas pseudoalcaligenes
Pseudomonas pseudoalcaligenes genome assembly Ppse	CP007509	85.71	80	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas stutzeri
Pseudomonas stutzeri strain 19SMN4, complete genom	HG916826	85.71	80	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas pseudoalcaligenes CECT 5344
Pseudomonas pseudoalcaligenes CECT 5344 complete g	CP000304	85.71	80	2.02921e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas stutzeri A1501
Pseudomonas stutzeri A1501, complete genome	CP012605	84.18	84.29	7.08265e-46	Burkholderiales	Burkholderiaceae	Ralstonia insidiosa
Ralstonia insidiosa strain FC1138 chromosome 1, co	CP015249	80.48	100	7.08265e-46	Xanthomonadales	Rhodanobacteraceae	Dokdonella koreensis DS-123
Dokdonella koreensis DS-123, complete genome	CP013232	84.18	84.29	7.08265e-46	Burkholderiales	Oxalobacteraceae	Collimonas fungivorans
Collimonas fungivorans strain Ter6, complete genom	CP013111	84.18	84.29	7.08265e-46	Burkholderiales	Alcaligenaceae	Bordetella sp. N
Bordetella sp. N genome	CP010516	84.18	84.29	7.08265e-46	Burkholderiales	Burkholderiaceae	Cupriavidus gilardii CR3
Cupriavidus gilardii CR3 chromosome 1, complete se	CP011409	84.18	84.29	7.08265e-46	Burkholderiales	Oxalobacteraceae	Herbaspirillum hiltneri N3
Herbaspirillum hiltneri N3, complete genome	AP014637	89.12	70	7.08265e-46	Pseudomonadales	Pseudomonadaceae	Pseudomonas sp. StFLB209
Pseudomonas sp. StFLB209 DNA, complete genome	CP007151	86.42	77.14	7.08265e-46	Alteromonadales	Alteromonadaceae	Marinobacter similis
Marinobacter similis strain A3d10, complete genome	CP006667	84.18	84.29	7.08265e-46	Burkholderiales	Burkholderiaceae	Ralstonia pickettii DTP0602
Ralstonia pickettii DTP0602 chromosome 1, complete	CP002745	84.18	84.29	7.08265e-46	Burkholderiales	Oxalobacteraceae	Collimonas fungivorans Ter331
Collimonas fungivorans Ter331, complete genome	FP885897	84.18	84.29	7.08265e-46	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum CFBP2957
Ralstonia solanacearum CFBP2957 chromosome complet	CP000090	84.18	84.29	7.08265e-46	Burkholderiales	Burkholderiaceae	Ralstonia eutropha JMP134
Ralstonia eutropha JMP134 chromosome 1, complete s	CP012687	84.09	83.81	2.47209e-45	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum strain UY031, complete geno	CP004143	85.98	78.1	2.47209e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas denitrificans ATCC 13867
Pseudomonas denitrificans ATCC 13867, complete gen	CP002021	85.98	78.1	2.47209e-45	Burkholderiales		Thiomonas intermedia K12
Thiomonas intermedia K12, complete genome	AE016825	80.38	99.52	2.47209e-45	Neisseriales	Chromobacteriaceae	Chromobacterium violaceum ATCC 12472
Chromobacterium violaceum ATCC 12472, complete gen	CP015600	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas antarctica
Pseudomonas antarctica strain PAMC 27494, complete	CP014205	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas sp. MS586
Pseudomonas sp. MS586, complete genome	CP014210	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas aeruginosa
Pseudomonas aeruginosa strain KU genome	CP008872	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas aeruginosa
Pseudomonas aeruginosa strain X78812, complete gen	CP013993	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas aeruginosa DHS01
Pseudomonas aeruginosa DHS01, complete genome	CP013989	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas aeruginosa
Pseudomonas aeruginosa strain USDA-ARS-USMARC-4163	CP008858	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas aeruginosa
Pseudomonas aeruginosa strain F63912, complete gen	CP012680	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas brassicacearum
Pseudomonas brassicacearum strain LBJUM300, complet	LN854573	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas sp. URM017WK12:11
Pseudomonas sp. URM017WK12:11 genome assembly Shi	CP012831	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas fluorescens
Pseudomonas fluorescens strain FW300-N2C3, complet	CP011072	80.29	99.05	8.62843e-45	Rhodocyclales	Rhodocyclaceae	Azoarcus sp. CIB
Azoarcus sp. CIB, complete genome	LN847264	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas sp. CCOS 191
Pseudomonas sp. CCOS 191 genome assembly Pseudomon	CP007511	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas balearica DSM 6083
Pseudomonas balearica DSM 6083, complete genome	HG322950	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas knackmussii B13
Pseudomonas knackmussii B13 complete genome	CP007410	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas brassicacearum
Pseudomonas brassicacearum strain DF41, complete g	CP006245	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas aeruginosa RP73
Pseudomonas aeruginosa RP73, complete genome	ANOR0100023	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas fluorescens Pf29Arp
Pseudomonas fluorescens Pf29Arp contig023, whole g	CP003725	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas stutzeri DSM 10701
Pseudomonas stutzeri DSM 10701, complete genome	CP002881	85.12	80	8.62843e-45	Pseudomonadales	Pseudomonadaceae	Pseudomonas stutzeri ATCC 17588 = LMG 11199
Pseudomonas stutzeri ATCC 17588 = LMG 11199, compl	CP000245	85.12	80	8.62843e-45	Burkholderiales	Comamonadaceae	Ramlibacter tataouinensis TTB310
Ramlibacter tataouinensis TTB310, complete genome							