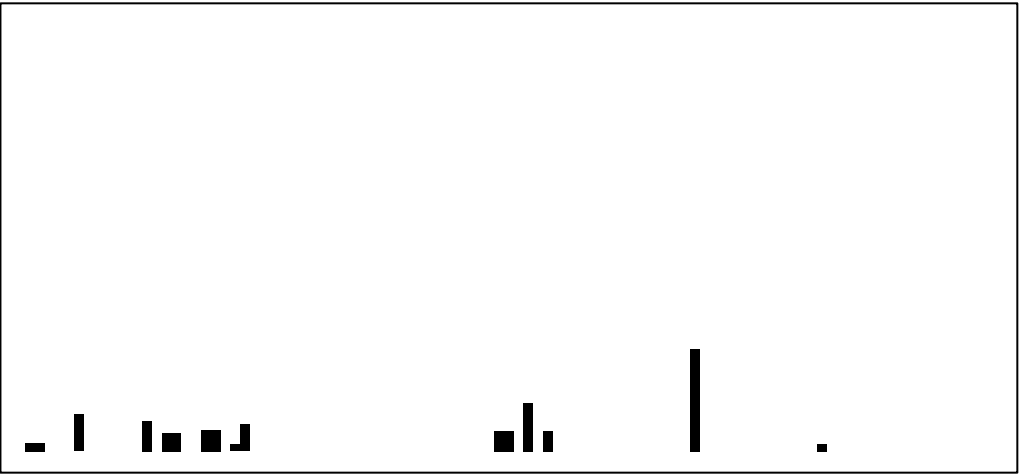


OTU_271;size=2112;.csv

Azoarcus sp. CIB
Rhodocyclaceae

Rhodocyclales

80.38



Azoarcus sp. CIB, complete genome	CP011072	80.38	99.05	2.48366e-45	Rhodocyclales	Rhodocyclaceae	Azoarcus sp. CIB
Azoarcus sp. KH32C DNA, complete genome	AP012304	80.38	99.05	2.48366e-45	Rhodocyclales	Rhodocyclaceae	Azoarcus sp. KH32C
Thiomonas sp. CB2 genome assembly ThiCB2, scaffold	LK931622	79.62	100	1.05608e-43	Burkholderiales		Thiomonas sp. CB2
Thiomonas intermedia K12, complete genome	CP002021	79.62	100	1.05608e-43	Burkholderiales		Thiomonas intermedia K12
Azoarcus sp. BH72, complete genome	AM406670	79.52	99.53	3.68608e-43	Rhodocyclales	Rhodocyclaceae	Azoarcus sp. BH72
Nitrosospira briensis C-128, complete genome	CP012371	81.72	88.15	1.28657e-42	Nitrosomonadales	Nitrosomonadaceae	Nitrosospira briensis C-128
Thiomonas sp. str. 3As chromosome, complete genome	FP475956	79.15	100	1.28657e-42	Burkholderiales		Thiomonas arsenitoxydans
Azoarcus olearius strain DQS4, complete genome	CP016210	79.05	99.53	4.49056e-42	Rhodocyclales	Rhodocyclaceae	Azoarcus olearius
Thauera humireducens strain SgZ-1, complete genome	CP014646	79.05	99.53	4.49056e-42	Rhodocyclales	Rhodocyclaceae	Thauera humireducens
Pseudogulbenkiania sp. NH8B DNA, complete genome	AP012224	79.05	99.53	4.49056e-42	Neisseriales	Chromobacteriaceae	Pseudogulbenkiania sp. NH8B
Chromobacterium violaceum ATCC 12472, complete gen	AE016825	79.05	99.53	4.49056e-42	Neisseriales	Chromobacteriaceae	Chromobacterium violaceum ATCC 12472
Massilia sp. WG5, complete genome	CP012640	79.23	98.1	1.56736e-41	Burkholderiales	Oxalobacteraceae	Massilia sp. WG5
Collimonas fungivorans Ter331, complete genome	CP002745	81.42	86.73	5.47063e-41	Burkholderiales	Oxalobacteraceae	Collimonas fungivorans Ter331
Dechloromonas aromatica RCB, complete genome	CP000089	78.2	100	6.66459e-40	Rhodocyclales	Rhodocyclaceae	Dechloromonas aromatica RCB
Collimonas pratensis strain Ter91, complete genome	CP013234	80.87	86.73	2.32617e-39	Burkholderiales	Oxalobacteraceae	Collimonas pratensis
Collimonas fungivorans strain Ter6, complete genom	CP013232	80.87	86.73	2.32617e-39	Burkholderiales	Oxalobacteraceae	Collimonas fungivorans
Cupriavidus gilardii CR3 chromosome 1, complete se	CP010516	78.1	99.53	2.32617e-39	Burkholderiales	Burkholderiaceae	Cupriavidus gilardii CR3
Cupriavidus metallidurans CH34, complete genome	CP000352	78.1	99.53	2.32617e-39	Burkholderiales	Burkholderiaceae	Cupriavidus metallidurans CH34
Collimonas arenae strain Ter282, complete genome	CP013235	81.01	84.83	8.11913e-39	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Collimonas arenae strain Ter10, complete genome	CP013233	81.01	84.83	8.11913e-39	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Azoarcus aromaticum EbN1 complete genome	CR555306	77.99	99.05	8.11913e-39	Rhodocyclales	Rhodocyclaceae	Aromatoleum aromaticum EbN1
Collimonas pratensis strain Ter291, complete genom	CP013236	80.33	86.73	2.83385e-38	Burkholderiales	Oxalobacteraceae	Collimonas pratensis
Thiobacillus denitrificans ATCC 25259, complete ge	CP000116	81.25	83.41	2.83385e-38	Hydrogenophilales	Hydrogenophilaceae	Thiobacillus denitrificans ATCC 25259
Ralstonia solanacearum strain UY031, complete geno	CP012687	77.62	99.53	9.89113e-38	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Burkholderia thailandensis 34 chromosome 1, comple	CP010017	77.62	99.53	9.89113e-38	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis 34
Burkholderia thailandensis strain 2003015869 chrom	CP008914	77.62	99.53	9.89113e-38	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis
Burkholderia thailandensis H0587 chromosome 1, com	CP004089	77.62	99.53	9.89113e-38	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis H0587
Ralstonia pickettii 12J chromosome 1, complete seq	CP001068	77.62	99.53	9.89113e-38	Burkholderiales	Burkholderiaceae	Ralstonia pickettii 12J
Ralstonia eutropha H16 chromosome 1	AM260479	77.62	99.53	9.89113e-38	Burkholderiales	Burkholderiaceae	Ralstonia eutropha H16
Ralstonia solanacearum strain IBSBF1503, complete	CP012943	77.25	100	3.45234e-37	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum strain UW163, complete geno	CP012939	77.25	100	3.45234e-37	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Ralstonia solanacearum Po82, complete genome	CP002819	77.25	100	3.45234e-37	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum Po82
Ralstonia insidiosa strain ATCC 49129 chromosome 1	CP016022	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Ralstonia insidiosa
Ralstonia insidiosa strain FC1138 chromosome 1, co	CP012605	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Ralstonia insidiosa
Ralstonia solanacearum strain KACC 10722, complete	CP014702	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Burkholderia thailandensis 2002721643 chromosome 1	CP009601	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis 2002721643
Burkholderia thailandensis E254 chromosome 1, comp	CP004381	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis E254
Burkholderia thailandensis MSMB59 chromosome 1, co	CP004385	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis MSMB59
Burkholderia thailandensis E264 chromosome 1, comp	CP008785	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis E264
Burkholderia thailandensis USAMRU Malaysia #20 chr	CP004383	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis USAMRU Malaysia #20
Burkholderia thailandensis E444 chromosome 1, comp	CP004117	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis E444
Burkholderia thailandensis 2002721723 chromosome 1	CP004097	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis 2002721723
Ralstonia syzygii R24, genomic contig 00003-1628	FR854088	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Ralstonia syzygii R24
blood disease bacterium R229, genomic contig 00010	FR854066	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	blood disease bacterium R229
Cupriavidus necator N-1 chromosome 1, complete seq	CP002877	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Cupriavidus necator N-1
Ralstonia solanacearum str. PSI07 chromosome, comp	FP885906	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum PSI07
Laribacter hongkongensis HLHK9, complete genome	CP001154	78.95	90.05	1.20499e-36	Neisseriales	Chromobacteriaceae	Laribacter hongkongensis HLHK9
Burkholderia thailandensis E264 chromosome I, comp	CP000086	77.14	99.53	1.20499e-36	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis E264
Pseudomonas fragi strain P121, complete genome	CP013861	80.95	79.62	1.46797e-35	Pseudomonadales	Pseudomonadaceae	Pseudomonas fragi
Roseateles depolymerans strain KCTC 42856, complet	CP013729	80.95	79.62	1.46797e-35	Burkholderiales		Roseateles depolymerans
Collimonas arenae strain Cal35, complete genome	CP009962	79.23	86.73	1.46797e-35	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Pseudomonas knackmussii B13 complete genome	HG322950	82.28	74.88	1.46797e-35	Pseudomonadales	Pseudomonadaceae	Pseudomonas knackmussii B13
Janthinobacterium agaricidamnosum NBRC 102515 = DS	HG322949	79.23	86.73	1.46797e-35	Burkholderiales	Oxalobacteraceae	Janthinobacterium agaricidamnosum NBRC 102515 = DSM 9628
Pseudomonas fragi strain Tapajos5 cytochrome oxida	JF745538	80.95	79.62	1.46797e-35	Pseudomonadales	Pseudomonadaceae	Pseudomonas fragi
Ralstonia solanacearum CFBP2957 chromosome complet	FP885897	76.78	100	1.46797e-35	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum CFBP2957
Cupriavidus nantongensis strain X1 chromosome 1, c	CP014844	76.67	99.53	5.12373e-35	Burkholderiales	Burkholderiaceae	Cupriavidus nantongensis
Burkholderia oklahomensis C6786 chromosome I, comp	CP009555	76.67	99.53	5.12373e-35	Burkholderiales	Burkholderiaceae	Burkholderia oklahomensis C6786
Cupriavidus basiliensis strain 4G11 chromosome main	CP010536	76.67	99.53	5.12373e-35	Burkholderiales	Burkholderiaceae	Cupriavidus basiliensis
Burkholderia oklahomensis strain E0147 chromosome	CP008726	76.67	99.53	5.12373e-35	Burkholderiales	Burkholderiaceae	Burkholderia oklahomensis
Ralstonia pickettii DTP0602 chromosome 1, complete	CP006667	76.67	99.53	5.12373e-35	Burkholderiales	Burkholderiaceae	Ralstonia pickettii DTP0602
Burkholderia ambifaria MC40-6 chromosome 1, comple	CP001025	78.42	90.05	5.12373e-35	Burkholderiales	Burkholderiaceae	Burkholderia ambifaria MC40-6
Cupriavidus taiwanensis str. LMG19424 chromosome 1	CU633749	76.67	99.53	5.12373e-35	Burkholderiales	Burkholderiaceae	Cupriavidus taiwanensis LMG 19424
Ralstonia eutropha JMP134 chromosome 1, complete s	CP000090	76.67	99.53	5.12373e-35	Burkholderiales	Burkholderiaceae	Ralstonia eutropha JMP134
Ralstonia mannitolilytica strain SN82F48 chromosom	CP010799	76.3	100	1.78836e-34	Burkholderiales	Burkholderiaceae	Ralstonia mannitolilytica
Ralstonia pickettii 12D chromosome 1, complete seq	CP001644	76.3	100	1.78836e-34	Burkholderiales	Burkholderiaceae	Ralstonia pickettii 12D
Bordetella bronchialis strain AU17976, complete ge	CP016171	76.19	99.53	6.24198e-34	Burkholderiales	Alcaligenaceae	Bordetella bronchialis
Bordetella bronchialis strain AU3182, complete gen	CP016170	76.19	99.53	6.24198e-34	Burkholderiales	Alcaligenaceae	Bordetella bronchialis
Ralstonia mannitolilytica strain SN83A39 chromosom	CP011257	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Ralstonia mannitolilytica
Pseudomonas azotoformans strain S4, complete genom	CP014546	84.78	65.4	6.24198e-34	Pseudomonadales	Pseudomonadaceae	Pseudomonas azotoformans
Burkholderia sp. Bp5365 strain MSMB43 chromosome 1	CP013380	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia sp. Bp5365
Burkholderia cepacia JBK9 chromosome 1, complete s	CP013730	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia cepacia JBK9
Alcaligenes faecalis strain ZD02, complete genome	CP013119	76.19	99.53	6.24198e-34	Burkholderiales	Alcaligenaceae	Alcaligenes faecalis
Ralstonia solanacearum strain YC45, complete genom	CP011997	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Massilia sp. NR 4-1, complete genome	CP012201	77.89	90.05	6.24198e-34	Burkholderiales	Oxalobacteraceae	Massilia sp. NR 4-1
Burkholderia contaminans strain MS14 chromosome 2,	CP009744	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia contaminans
Burkholderia pyrocinia strain DSM 10685 chromosom	CP011503	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia pyrocinia
Burkholderia cepacia strain LO6, complete genome	CP011301	77.89	90.05	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia cepacia
Burkholderia sp. 2002721687 chromosome I, complete	CP009549	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia sp. 2002721687
Burkholderia ambifaria AMMD chromosome 1, complete	CP009798	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia ambifaria AMMD
Burkholderia dolosa AU0158 chromosome 1, complete	CP009795	77.89	90.05	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia dolosa AU0158
Burkholderia gladioli strain ATCC 10248 chromosome	CP009323	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia gladioli
Pseudomonas cichorii JBC1, complete genome	CP007039	80.36	79.62	6.24198e-34	Pseudomonadales	Pseudomonadaceae	Pseudomonas cichorii JBC1
Burkholderia sp. RPE64 DNA, chromosome 1, complete	AP013058	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia sp. RPE64
Burkholderia thailandensis MSMB121 chromosome 1, c	CP004095	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia thailandensis MSMB121
Burkholderia gladioli BSR3 chromosome 1, complete	CP002599	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia gladioli BSR3
Ralstonia solanacearum CMR15 chromosome, complete	FP885895	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum CMR15
Burkholderia multivorans ATCC 17616 DNA, complete	AP009385	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia multivorans ATCC 17616
Burkholderia multivorans ATCC 17616 chromosome 1,	CP000868	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia multivorans ATCC 17616
Burkholderia ambifaria AMMD chromosome 1, complete	CP000440	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia ambifaria AMMD
Ralstonia solanacearum GMI1000 chromosome complete	AL646052	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum GMI1000
Burkholderia sp. 383 chromosome 1, complete sequen	CP000151	76.19	99.53	6.24198e-34	Burkholderiales	Burkholderiaceae	Burkholderia lata
Betaproteobacteria bacterium UKL13-2, complete gen	CP012157	77.78	89.57	2.17867e-33			Betaproteobacteria bacterium UKL13-2
Acidovorax citrulli AAC00-1, complete genome	CP000512	76.08	99.05	2.17867e-33	Burkholderiales	Comamonadaceae	Acidovorax citrulli AAC00-1
Burkholderia pseudomallei strain Bp1651 chromosome	CP012041	75.83	100	7.60429e-33	Burkholderiales	Burkholderiaceae	Burkholderia pseudomallei
Burkholderia pseudomallei strain 982 chromosome 1,	CP012576	75.83	100	7.60429e-33	Burkholderiales	Burkholderiaceae	Burkholderia pseudomallei
Burkholderia pseudomallei strain vgh16W chromosome	CP012517	75.83	100	7.60429e-33	Burkholderiales	Burkholderiaceae	Burkholderia pseudomallei
Burkholderia pseudomallei strain vgh16R chromosome	CP012515	75.83	100	7.60429e-33	Burkholderiales	Burkholderiaceae	Burkholderia pseudomallei
Burkholderia pseudomallei strain 350105 chromosome	CP012094	75.83	100	7.60429e-33	Burkholderiales	Burkholderiaceae	Burkholderia pseudomallei
Burkholderia mallei strain 2002721276 chromosome 1	CP010065	75.83	100	7.60429e-33	Burkholderiales	Burkholderiaceae	Burkholderia mallei
Burkholderia mallei strain KC_1092 chromosome 1, c	CP009942	75.83	100	7.60429e-33	Burkholderiales	Burkholderiaceae	Burkholderia mallei