

Supplementary Tables-4

Anaerobic digestion of the microalga *Spirulina* at extreme alkaline conditions: biogas production, metagenome and metatranscriptome

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Suppl. Table 4. 16S rDNA accession numbers

Accession numbers of reference 16S rDNA sequences for which in the phylogenetic trees (Figures 5, 6, 7 and Suppl. Fig. 2) only clones and organism names are shown.

Organism name / Clone	Accession
Cytophaga-Flavobacteria-Bacteroides	
<i>Salinibacter ruber</i> C37	KF668249.1
<i>Flavobacterium aquatile</i> LMG_4008	NR_118482.1
<i>Sphingobacterium</i> sp.21	NR_074508.1
<i>Gramella forsetii</i> KT0803	NR_074707.1
<i>Anaerophaga thermohalophila</i> Fru22	AJ418048.1
<i>Belliella pelovolcani</i> CC-SAL-25	EU685336.1
<i>Alkaliflexus imshenetskii</i> Z-7010	AJ784993.1
<i>Paludibacter propionigenes</i>	AB078842.2
<i>Cellulophaga algicola</i> DSM14237	NR_074452.1
<i>Draconibacterium orientale</i>	NR_121783.1
<i>Escherichia coli</i> RREC_I	AF527827.1
CloneML635J-20	AF507861.1
CloneBSA1B-12	AB175366.1
CloneML635J-56	AF507862.1
CloneWN-HWB-154	DQ432348.1
CloneCSS133	JX240684.1
Contig00447 Mesophilic-Reactor	JMBV00000000
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Suppl. Table 4. continuation

Organism name / Clone	Accession
Clostridiales	
<i>Orenia</i> sp. 1D4	JQ690693.1
<i>Proteinivorax tanatarense</i> Z-910	JQ904541.1
<i>Tindallia magadiensis</i> Z-7934	NR_026446.1
<i>Halanaerobium hydrogeniformans</i>	NR_074850.1
<i>Clostridium elmenteitii</i> E2SE1	AJ271453.1
<i>Natranaerobius thermophilus</i> JW/NM-WN-LF	NR_074181.1
<i>Alkaliphilus crotonoxidans</i>	AF467248.1
<i>Clostridium difficile</i> 630	NR_074454.1
<i>Thermincola potens</i> JR	NR_074717.1
<i>Thermoanaerobacter</i> sp. X514	NR_074779.1
<i>Natronoanaerobium salstagnum</i> O-M12SP-2	AJ271450.1
<i>Anaerobranca bogoriae</i>	AF203703.1
<i>Natronincola ferrireducens</i> Z-0511	EU878275.1
<i>Halocella cellulositytica</i> DSM 7362T	X89072.1
<i>Halothermothrix orenii</i> H 168	NR_074915.1
<i>Natronovirga wadinatrunensis</i> JW/NM-WN-LH1	EU338489.2
<i>Arthrospira platensis</i> C1	gi423061881
CloneCSS28	JX240605.1
Clonex216	GU083685.1
CloneCT1C2AC09	JQ427824.1
CloneCSS150	JX240699.1
CloneCSS73	JX240655.1
CloneMAT-CR-H3-B08	EU245154.1
Contig04220 Mesophilic-Reactor	JMBV00000000
Firmicutes-EM1 Mesophilic-Reactor	No Accession #
Alphaproteobacteria	
<i>Rhodobaca bogoriensis</i> SLB	EU908048.1
<i>Chelatococcus</i> sp. J-9.1	FR774565.1
<i>Rhodobacter</i> sp. R-8	AY914074.1
<i>Roseinatronobacter</i> sp. MOL1.10	KJ486297.1
<i>Rhodobaca barguzinensis</i> VKM_B-2406	NR_044285.1
<i>Rhodobacter sphaeroides</i> 2.4.1	NR_074171.1
<i>Methylobacterium extorquens</i> AM1	NR_074138.1
<i>Salinarimonas rosea</i> YIM-YD3	NR_116487.1
<i>Bacillus subtilis</i>	X60646.1
CloneSA_118_	JQ739039.1
CloneTUM-Mbac-MR4-B1-KC14	EU812964.1
CloneQEEA3DF04	CU918797.1
CloneML602J-43_	AF507829.1
CloneTX4CB_152	FJ153021.1

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Organism name / Clone	Accession
Methanogens	
<i>Methanoculleus bourgensis</i> MS2	NR_042786.1
<i>Methanosarcina mazei</i> zm-15	KF360023.1
<i>Methanocalculus</i> sp. AMF2	HM053969.1
<i>Methanocalculus</i> sp. AMF-Bu2	JQ724113.1
<i>Methanocalculus halotolerans</i>	NR_041843.1
<i>Methanocalculus natronophilus</i> strain Z-7105	NR_118529.1
<i>Methanobacterium oryzae</i>	AF028690.2
<i>Methanospirillum lacunae</i>	AB517986.1
<i>Methanosalsum zhilinae</i> DSM4017	NR_102894.1
<i>Methanobacterium alcaliphilum</i> NBRC105226	NR_112910.1
<i>Methanocaldococcus</i> sp. FS406-22	NR_074228.1
Uncultured <i>Methanohalophilus</i> sp. cloneGNA03F08	EU731585.1
Uncultured <i>Methanococcoides</i> sp. cloneET5-1H2	EU585970.1
Uncultured <i>Methanocalculus</i> sp. cloneNRA1	HM041902.1
Uncultured <i>Methanocalculus</i> sp. cloneD008023G07	GU179434.1
<i>Methanopyrus kandleri</i> AV19	NR_074539.1
CloneARC204	JN185089.1
CloneFL-52	DQ089009.1
CloneWN-FWA-130	DQ432522.1
CloneNRP-N	AB243805.1
Clone61ArcR3	JF421670.1
CloneA161	FJ205789.1
CloneAS22	EU358672.1
Contig11126 Mesophilic-Reactor	JMBV00000000