Bin	Metabolism	pcr	cld	pnar	cnar	yedYZ	cbb3	aa3	bd	clr	nap	psr	pHMC	ack-pta	acs	nuo	nqr	TCA cycle	cov_1%NaCl	cov_3%NaCl	cov_5%NaCl	cov_7%NaCl	cov_Inoculur	cov_Max	cov_Sum	irep_1%NaCl	irep_3%NaCl	irep_5%NaCl	irep_7%NaCl	irep_Inoculu
BM001 Alphaproteobacteria	n.d.		0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	1	0.6	0.5	0.7	1.1	25	25	27.9	n.d.	n.d.	n.d.	n.d.	1.14363408
BM002 Desulfobacteraceae	n.d.		0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	0	1	0.1	0.2	0.4	0.8	9.4	9.4	10.9	n.d.	n.d.	n.d.	n.d.	1.31461145
BM003 Chromatiales	n.d.		0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	2.1	2.5	2	2	6.6	6.6	15.2	n.d.	n.d.	n.d.	n.d.	1.37539114
BM004 Desulfobulbaceae	n.d.		0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0.9	1.7	1.7	1.9	6.1	6.1	12.3	n.d.	n.d.	n.d.	n.d.	1.39230643
BM005 Desulfobacteraceae	n.d.		0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0.5	1.2	1.4	0.9	5.1	5.1	9.1	n.d.	n.d.	n.d.	n.d.	n.d.
BM101 Azoarcus	Chlorate reduction		0	1	0	0	1	0	1	1	1	1	0	1	1	1	1	0	1	513.8	0.1	0.2	0.2	0.2	513.8	514.5	1.29460829	n.d.	n.d.	n.d.	n.d.
BM102 Arcobacter	Perchlorate reduction		1	1	0	0	1	1	1	0	0	1	1	0	1	0	1	0	1	48.5	0.1	0	0	0	48.5	48.6	1.4272617	n.d.	n.d.	n.d.	n.d.
BM103 Desulfuromonas	Sulfur reduction		0	0	0	0	0	1	0	0	0	1	0	1	1	0	1	0	1	3.6	2.3	1.8	1	0.1	3.6	8.8	n.d.	n.d.	n.d.	n.d.	n.d.
BM301 Sedimenticola	Perchlorate reduction		1	1	0	1	1	0	1	1	0	1	0	1	1	1	1	0	1	0.2	674.1	0.2	0.3	0.3	674.1	675.1	n.d.	n.d.	n.d.	n.d.	n.d.
BM302 Desulfuromonas	Sulfur reduction		0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	1	5.5	35.5	7.3	3.2	0.1	35.5	51.6	1.60815896	1.26823246	1.51804956	n.d.	n.d.
BM303 Rhizobiales	Perchlorate reduction		0	1	1	0	0	0	1	0	0	1	0	0	0	1	1	0	1	0	12.3	11.4	0	0.2	12.3	23.9	n.d.	1.32934566	1.48785241	n.d.	n.d.
BM304 Desulfuromonas	Sulfur reduction		0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	1.1	9.9	3.8	0.2	0.1	9.9	15.1	n.d.	1.360811	n.d.	n.d.	n.d.
BM501 Desulfuromonas	Sulfur reduction		0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0.4	0.3	435.5	0.1	0.2	435.5	436.5	n.d.	n.d.	1.13349485	n.d.	n.d.
BM502 Sulfurimonas	Perchlorate reduction		1	1	0	0	0	1	0	0	0	1	0	0	1	1	1	0	1	3.1	0.5	91.2	0.8	0.1	91.2	95.7	n.d.	n.d.	1.16615183	n.d.	n.d.
BM503 Sedimenticola	Perchlorate reduction		1	1	0	0	1	0	1	0	0	1	0	1	1	1	1	0	1	0.3	19	69.4	0	0.2	69.4	88.9	n.d.	n.d.	n.d.	n.d.	n.d.
BM504 Arcobacter	Perchlorate reduction		1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	0	1	0	0.2	57.2	0	0.1	57.2	57.5	n.d.	n.d.	1.18307333	n.d.	n.d.
BM505 Rhizobiales	Perchlorate reduction		1	1	1	0	1	0	1	1	0	1	0	1	0	1	1	0	1	0.1	0.3	30	0	0.3	30	30.7	n.d.	n.d.	1.22880693	n.d.	n.d.
BM506 Desulfobulbaceae	Sulfur reduction		0	0	0	0	0	0	0	1	0	1	1	1	0	1	1	0	1	0	0	22.5	8.2	0.2	22.5	30.9	n.d.	n.d.	1.16861891	1.27497815	n.d.
BM507 Parcubacteria	Fermentation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.7	0	0	20.7	20.7	n.d.	n.d.	1.22483227	n.d.	n.d.
BM508 Desulfuromonas	Sulfur reduction		0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	2	9.1	19.9	0	0.1	19.9	31.1	n.d.	1.30123596	1.51556179	n.d.	n.d.
BM509 Desulfuromonas	Sulfur reduction		0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	1	1	2.1	6.3	19.2	12.4	0.1	19.2	40.1	n.d.	1.39398655	1.21320703	1.26762432	n.d.
BM511 Woesearchaeota	Fermentation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15.4	0.2	0	15.4	15.6	n.d.	n.d.	1.32218044	n.d.	n.d.
BM512 Deltaproteobacteria	Sulfur reduction		0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0.4	0.9	13.1	0.2	0	13.1	14.6	n.d.	n.d.	1.25566523	n.d.	n.d.
BM513 Desulfuromonas	Sulfur reduction		0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0.1	12.9	6.8	0	12.9	19.8	n.d.	n.d.	1.2060879	1.43761779	n.d.
BM514 Marinilabiliales	Sulfur reduction		0	0	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0.1	1.1	12.6	1.2	0.2	12.6	15.2	n.d.	n.d.	1.57544937	n.d.	n.d.
BM515 Desulfuromonas	Sulfur reduction		0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	1	0.9	0.8	9	0	0	9	10.7	n.d.	n.d.	1.25980482	n.d.	n.d.
BM516 Ignavibacteria	Sulfur reduction		0	0	0	0	0	0	1	1	0	0	0	1	0	1	1	0	1	0.5	3.4	10.5	7.2	0.1	10.5	21.7	n.d.	n.d.	1.33531288	1.44390937	n.d.
BM517 Vibrio alginolyticus	Fermentation		0	0	0	0	0	0	1	1	0	1	0	0	1	1	0	1	1	0	0	9.2	6.6	0	9.2	15.8	n.d.	n.d.	n.d.	n.d.	n.d.
BM518 Marinilabiliales	Fermentation		0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0.1	4.1	8.6	0	0	8.6	12.8	n.d.	n.d.	1.41586284	n.d.	n.d.
BM519 Parcubacteria	Fermentation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	8.4	0.5	0	8.4	9.1	n.d.	n.d.	1.28317727	n.d.	n.d.
BM520 Marinilabiliales	Sulfur reduction		0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	1	0	0	0.1	10.8	1.1	0	10.8	12	n.d.	n.d.	1.37422571	n.d.	n.d.
BM521 Parcubacteria	Fermentation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0.7	8.2	0	0	8.2	9.5	n.d.	n.d.	1.28892991	n.d.	n.d.
BM522 Desulfuromonas	Sulfur reduction		0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	1	1	1.1	0.3	8	0.1	0.1	8	9.6	n.d.	n.d.	1.23401022	n.d.	n.d.
BM523 Marinilabiliales	Sulfur reduction		0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	6.8	0	0	6.8	6.8	n.d.	n.d.	n.d.	n.d.	n.d.
BM524 Marinilabiliales	Sulfur reduction		0	0	0	0	0	0	1	1	0	0	1	0	1	1	0	1	1	0.1	1.2	7.3	6.7	0.1	7.3	15.4	n.d.	n.d.	1.40100767	1.45169079	n.d.
BM525 Deltaproteobacteria	Sulfur reduction		0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0.9	4.1	4.4	0	0	4.4	9.4	n.d.	n.d.	n.d.	n.d.	n.d.
BM701 Denitrovibrio	Sulfur reduction		0	0	0	0	1	0	1	0	0	1	1	1	1	1	1	0	1	0.1	0.2	0.7	323.1	0.1	323.1	324.2	n.d.	n.d.	n.d.	1.27297589	n.d.
BM702 Sulfurimonas	Perchlorate reduction		1	1	0	0	0	1	0	1	0	1	1	1	1	1	1	0	1	2.8	0.3	29.5	258.3	0.1	258.3	291	n.d.	n.d.	n.d.	n.d.	n.d.
BM703 Marinilabiliales	Fermentation		0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0.1	0.2	10.6	101.5	0.1	101.5	112.5	n.d.	n.d.	1.36504222	1.41942353	n.d.
BM704 Denitrovibrio	Sulfur reduction		0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	1	0	0.1	0.4	43.8	0	43.8	44.3	n.d.	n.d.	n.d.	1.41265887	n.d.
BM705 Parcubacteria	Fermentation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.1	41.2	0	41.2	46.3	n.d.	n.d.	1.42004892	1.2404627	n.d.
BM706 Muirbacteria	Fermentation		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	22	34.3	0	34.3	56.3	n.d.	n.d.	1.37070816	1.35526506	n.d.
BM707 Desulfuromonas	Sulfur reduction		0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	1	0	0.1	0.1	22.4	0.1	22.4	22.7	n.d.	n.d.	n.d.	1.30594657	n.d.
BM709 Desulfuromonas	Sulfur reduction		0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	1	0.2	0.3	0.2	19.6	0.1	19.6	20.4	n.d.	n.d.	n.d.	1.30383792	n.d.
BM714 Clostridiales	Fermentation		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0.4	0.7	3.8	8.3	0	8.3	13.2	n.d.	n.d.	n.d.	n.d.	n.d.
BM715 Salinivirgaceae	Fermentation		0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	1	1	0.1	0.1	1	10.2	0	10.2	11.4	n.d.	n.d.	n.d.	1.31730459	n.d.
BM718 Marinilabiliales	Fermentation		0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	1	1	0.1	0.2	2	7.1	0.1	7.1	9.5	n.d.	n.d.	n.d.	1.43704274	n.d.
BM719 Marinilabiliales	Sulfur reduction		0	0	0	0	0	0	1	1	0	0	1	0	1	1	0	1	1	1.3	2.7	1.6	3.8	0.1	3.8	9.5	n.d.	n.d.	n.d.	n.d.	n.d.