

1 Table S4. Multiheme c-type cytochromes encoded in genome of *Deferribacter autotrophicus*.

Locus tag	Number of heme c-binding motifs	Length, aa	Predicted cellular location	Gene annotation (IMG)	% aa identity with homolog in <i>D. desulfuricans</i>
FHQ18_02925	28	987	periplasm	predicted CXXCH cytochrome family protein	58
FHQ18_04550	11	507	TM*	nitrate/TMAO reductase-like tetraheme cytochrome c subunit	85
FHQ18_02990	10	512	TM	predicted CXXCH cytochrome family protein	82
FHQ18_08740	10	640	TM	hypothetical protein	0
FHQ18_02940	8	317	cytoplasm	predicted CXXCH cytochrome family protein	68
FHQ18_08725	8	531	periplasm	multi-heme cytochrome with CxxCH motif	89
FHQ18_05250	8	492	periplasm	cytochrome c (Cluster: Cytochrome_cB)	0
FHQ18_02905	6	341	TM	hypothetical protein	78
FHQ18_02900	5	330	periplasm	predicted CXXCH cytochrome family protein	49
FHQ18_02960	4	201	TM	predicted CXXCH cytochrome family protein	78
FHQ18_02965	4	228	TM	doubled CXXCH motif protein	76

FHQ18_02970	4	154	TM	predicted CXXCH cytochrome family protein	54
FHQ18_08720	3	117	periplasm	periplasmic nitrate reductase subunit NapM	74
FHQ18_00480	2	318	TM	cytochrome c peroxidase	0
FHQ18_12220	2	350	cytoplasm	hypothetical protein	0
FHQ18_02915	2	274	TM	hypothetical protein	74
FHQ18_11250	2	295	TM	cytochrome c oxidase cbb3-type subunit 2	0

2 *TM – transmembrane

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