

Supplementary data for the article:

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Supplementary Table 3. *Pseudomonas aeruginosa* san ai proteins differentially expressed in the presence of 200 mg/L of cadmium, obtained by **shotgun** proteomics

Identified protein	Entry name	Easy Prot score	Number of matched peptides	Peptide sequence	Coverage, %
Peptidoglycan biosynthesis					
Phosphoglucosamine mutase	GLMM_PSEAE	16	2	K LGWAVGMAFRRQGNCR V - MSRKYFGTDGIRGR V	7
3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase	FABA_PSEAB	29	3	R EIYSAEGLR V K QHAFTREDLLR C M TKQHAFTR E	13
UDP-N-acetylglucosamine 1-carboxyvinyltransferase	MURA_PSEAE	26	3	R FMHVYEMNR M - MDKLIITGGNR L R PVDLHIR G	6.5
Gycolipid biosynthesis					
Probable 4-deoxy-4-formamido-L-arabinose-phosphoundecaprenol deformylase	ARND_PSEAE	17	2	M IQAGLRIDVDTFR G R PAFFWKMLRSR A	8
Lipid-A-disaccharide synthase	LPXB_PSEMY	16	2	R VAPLITYRILKR L R PAFFWKMLRSR A	6
Osmoprotection					
Periplasmic trehalase	TREA_PSEAE	12	2	R REGDAAAYR R R FLLPCATPERR A	2
NAD/NADP-dependent betaine aldehyde dehydrogenase	BETB_PSEAE	13	2		4
Glucans biosynthesis glucosyltransferase H	OPGH_PSEAE	21	3	R GFGKIFYRRR R K RD RRWCHGNLMNFR L R WQRVGSLRR F	4
Metal ion binding					
Protein Sprt	SPRT_PSEAE	27	3	R FNPQLYR E K GRRYYCR R K RR TATRYLYR C	15
Dihydroorotase-like protein	PYRX_PSEAE	13	2	R KGNVESETR A K VYPICALTR G	4