Table S3. Microarray and qRT-PCR ratios of *P. tricornutum* genes regulated by 24 hours exposure to 123 µg/l and 1230 µg/l Cd^{2+}

Phatr2 protein ID[a]	**Description**	**Log2 ratios microarray**		**Log2 ratios RT-qPCR**		**Functional category**
		123 µg/l Cd^{2+}	**1230 µg/l Cd^{2+}**	**123 µg/l Cd^{2+}**	**1230 µg/l Cd^{2+}**	
43350	YeeE/YedE family integral membrane protein	2,01	-	2,08	0,22	Unclear classification
42755	ZIP family transporter, putative Zinc transporter	1,60	-	1,52	0,16	Transporters
54574	TPR1; TPR domain protein	-	1,94	0,24	1,72	Unclear classification
43799	GFA; Glutathione-dependent formaldehyde-activating protein	-	1,37	0,83	1,01	Disease / defense
52367	ATPase5-1B; Putative Zn/Cd heavy metal transporter	-	1,02	0,60	0,97	Transporters
12783	CDC20_1; co-activator of the anaphase-promoting complex	-	-1,02	0,20	-1,16	Cell growth and division

[a]Protein IDs are based on the *P. tricornutum* genome database at Joint Genome Institute (http://genome.jgi-psf.org/Phatr2/Phatr2.home.html).