

Table S2. Genes whose expression is most affected by the overexpression of CpxR.

ORF	Gene	Description	A ^a	SD
HD1109		putative oxalate/formate antiporter	3.90	0.25
HD0281	<i>fimA</i>	possible fimbrial major pilin protein	3.62	0.41
HD0282	<i>fimB</i>	possible fimbrial structural subunit	3.16	0.41
HD1640		hypothetical protein	3.06	0.34
HD0283	<i>fimC</i>	probable fimbrial outer membrane usher protein	2.80	0.41
HD0262	<i>argR</i>	arginine repressor	2.46	0.32
HD0261		conserved hypothetical protein	2.45	0.35
HD0284	<i>fimD</i>	probable periplasmic fimbrial chaperone	2.27	0.31
HD1815		putative sulfite reductase	2.27	0.25
HD0025	<i>dcuB1</i>	anaerobic C4-dicarboxylate transporter	2.24	0.30
HD0811	<i>artP</i>	arginine ABC transporter, ATP-binding protein	2.16	0.67
HD1325		conserved hypothetical protein	2.13	0.23
HD1512		acriflavine resistance protein	2.12	0.41
HD0564	<i>aspA</i>	aspartate ammonia-lyase	2.11	0.33
HD2016	<i>dacA</i>	penicillin-binding protein 5	2.02	0.28
HD0614	<i>kefB</i>	glutathione-regulated potassium-efflux system protein	2.00	0.19
HD1814		probable transport protein	1.89	0.17
HD0285		possible minor fimbrial subunit	1.86	0.17
HD0097		conserved hypothetical protein	1.72	0.18
HD2017		possible rare lipoprotein A	1.72	0.23
HD1282	<i>fhs</i>	putative formate--tetrahydrofolate ligase	1.71	0.14
HD0351	<i>prfC</i>	peptide chain release factor 3	1.65	0.23
HD0189	<i>dnaK</i>	chaperone protein DnaK	1.61	0.20
HD2012	<i>lipA</i>	lipoic acid synthetase	1.60	0.38
HD0286		hypothetical protein	1.60	0.33
HD0812	<i>artI</i>	arginine ABC transporter, periplasmic-binding protein	1.60	0.31
HD1084		HesB family protein	1.59	0.29
HD1161	<i>ribD</i>	riboflavin-specific deaminase	1.58	0.31
HD0338		hypothetical protein	1.57	0.21
HD2015		conserved hypothetical protein	1.57	0.23
HD1163	<i>ribAB</i>	riboflavin biosynthesis protein RibA	1.56	0.30
HD0266	<i>lpp</i>	15kd outer membrane lipoprotein	1.55	0.24
HD0565	<i>clpB</i>	ATP-dependant Clp protease chain B	1.51	0.18
HD0287		hypothetical protein	1.51	0.19
HD0337	<i>rluB</i>	probable pseudouridylate synthase	1.49	0.22
HD0876		conserved probable ribonuclease	1.46	0.20
HD0096		hypothetical protein	1.46	0.27
HD1142	<i>sdaA</i>	L-serine dehydratase	1.44	0.28
HD1513		putative RND efflux membrane fusion protein	1.44	0.34
HD2013	<i>lipB</i>	lipoate-protein ligase B	1.43	0.27

HD0098		hypothetical protein	1.42	0.23
HD0767	<i>manY</i>	mannose-specific phosphotransferase system IIC component	1.41	0.26
HD0766	<i>manZ</i>	mannose-specific phosphotransferase system IID component	1.40	0.25
HD0988	<i>prlC</i>	oligopeptidase A	1.39	0.19
HD0765	<i>manA</i>	mannose-6-phosphate isomerase	1.39	0.33
HD1343		hypothetical protein	1.38	0.30
HD2014		hypothetical protein	1.32	0.24
HD1076	<i>recB</i>	exodeoxyribonuclease V, beta subunit	1.31	0.17
HD0738	<i>crp</i>	cyclic AMP receptor protein	1.31	0.18
HD1165	<i>ribH</i>	6,7-dimethyl-8-ribityllumazine synthase	1.28	0.25
HD1400		putative soluble lytic murein transglycosylase	1.27	0.19
HD1354		conserved hypothetical protein	1.27	0.26
HD1654		conserved hypothetical protein	1.26	0.23
HD0090	<i>ner</i>	possible DNA-binding protein	1.24	0.26
HD1786	<i>mutT</i>	mutator MutT protein	1.22	0.16
HD0400	<i>rnfD</i>	putative Na-translocating NADH-quinone reductase	1.21	0.25
HD1994	<i>selA</i>	L-seryl-tRNA (Sec) selenium transferase	1.21	0.23
HD0313	<i>dppC</i>	dipeptide transport system permease protein	1.20	0.23
HD1073	<i>grpE</i>	heat shock protein GrpE	1.20	0.25
HD0108		hypothetical protein	1.20	0.14
HD0889	<i>deoD</i>	purine nucleoside phosphorylase	1.19	0.24
HD1202	<i>WaaQ</i>	ADP-heptose--lipooligosaccharide heptosyltransferase III	1.18	0.25
HD0264	<i>mdh</i>	malate dehydrogenase	1.17	0.21
HD1817	<i>yfeB</i>	iron (chelated) transporter, ATP-binding protein	1.15	0.31
HD1655		conserved hypothetical protein	1.14	0.35
HD1075	<i>norM</i>	multidrug resistance protein NorM	1.14	0.22
HD0472	<i>lgtB</i>	lipooligosaccharide galactosyltransferase II	1.13	0.24
HD0188	<i>dnaJ</i>	chaperone protein DnaJ	1.13	0.25
HD1143	<i>sdaC</i>	serine transporter	1.12	0.27
HD1088	<i>fdx2</i>	ferredoxin	1.11	0.28
HD1146	<i>glpF</i>	glycerol uptake facilitator protein	1.11	0.33
HD1089		conserved hypothetical protein	1.09	0.27
HD0783	<i>oadA</i>	oxaloacetate decarboxylase alpha chain	1.09	0.20
HD1784	<i>groEL</i>	60 kDa chaperonin	1.09	0.21
HD0404	<i>lpxM</i>	lipid A acyltransferase	1.09	0.22
HD0177	<i>trpS</i>	tryptophanyl-tRNA synthetase	1.08	0.13
HD1507	<i>manB</i>	probable phosphomannomutase	1.08	0.23
HD0403	<i>rnfE</i>	probable Na-translocating NADH-quinone reductase	1.07	0.21
HD2006	<i>hslV</i>	ATP-dependent protease HslV	1.06	0.23
HD1074	<i>potD2</i>	spermidine/putrescine-binding periplasmic protein	1.06	0.19
HD0181	<i>fabA</i>	3-hydroxydecanoyl-(acyl-carrier protein) dehydratase	1.05	0.25
HD0768	<i>manX</i>	mannose-specific phosphotransferase IIAB component	1.05	0.22
HD1011		hypothetical protein	1.05	0.25

HD1254		putative Na/dicarboxylate symporter	1.04	0.15
HD0095		Mu phage DNA transposition protein B	1.04	0.25
HD0816	<i>lpxC</i>	UDP-3-O-acyl-GlcNAc deacetylase	1.03	0.25
HD1205		conserved hypothetical protein	1.03	0.21
HD2007	<i>hslU</i>	ATP-dependent hsl protease ATP-binding subunit HslU	1.01	0.24
HD0176	<i>gph</i>	phosphoglycolate phosphatase	1.01	0.23
HD1853	<i>menD</i>	menaquinone biosynthesis protein	1.01	0.23
HD1355		conserved hypothetical protein	1.00	0.25
HD1766	<i>moeB</i>	molybdopterin biosynthesis protein MoeB	0.99	0.24
HD1087	<i>hscA</i>	chaperone protein HscA	0.99	0.25
HD0687	<i>rmlB</i>	dTDP-D-glucose 4,6-dehydratase	0.97	0.17
HD0470		conserved putative lipoprotein	0.97	0.23
HD1511	<i>glmU</i>	bifunctional GlmU protein	0.96	0.23
HD0697		thioredoxin-like protein	0.95	0.27
HD1085	<i>hscB</i>	chaperone protein HscB	0.94	0.24
HD0419		conserved putative sodium-dependent transporter	0.94	0.16
HD0475	<i>recQ</i>	ATP-dependent DNA helicase	0.94	0.20
HD1086		conserved hypothetical protein	0.94	0.26
HD0725		conserved hypothetical protein	0.93	0.26
HD1353	<i>ihfB</i>	integration host factor, beta subunit	0.93	0.21
HD1083	<i>iscU</i>	NifU protein homolog	0.92	0.21
HD1180	<i>surA</i>	survival protein SurA homolog	0.92	0.23
HD1160	<i>glpC</i>	anaerobic glycerol-3-phosphate dehydrogenase, subunit C	0.89	0.23
HD0989	<i>pflA</i>	pyruvate formate-lyase activating enzyme	0.89	0.22
HD1007	<i>bioB</i>	biotin synthetase	0.89	0.24
HD1471		conserved hypothetical protein	0.87	0.24
HD1706		conserved hypothetical protein	0.87	0.23
HD0001	<i>gidA</i>	glucose inhibited division protein A	0.86	0.23
HD1747		hypothetical protein	0.86	0.25
HD0835		putative transport protein	0.85	0.23
HD0892	<i>argD</i>	acetylornithine aminotransferase	0.85	0.19
HD1810	<i>trxA</i>	thioredoxin	0.84	0.25
HD0408	<i>pabB</i>	p-aminobenzoate synthase component I	0.82	0.21
HD0174	<i>lgt</i>	prolipoprotein diacylglyceryl transferase	0.81	0.21
HD1854		conserved hypothetical protein	0.81	0.20
HD1824	<i>modB</i>	molybdenum ABC transporter, permease protein	0.81	0.20
HD1256	<i>rec2</i>	recombination protein 2	0.80	0.17
HD1540		hypothetical protein	0.80	0.21
HD1286	<i>uvrA</i>	excinuclease ABC subunit A	0.79	0.23
HD1173	<i>rseA</i>	possible sigma-E factor negative regulatory protein	0.79	0.24
HD0723	<i>trmA</i>	tRNA (uracil-5-)-methyltransferase	0.79	0.32
HD0300	<i>grxA</i>	glutaredoxin	0.79	0.24
HD0890	<i>argC</i>	N-acetyl-gamma-glutamyl-phosphate reductase	0.78	0.17

HD1705		putative coproporphyrinogen III oxidase	0.77	0.22
HD0647		conserved hypothetical protein	0.77	0.22
HD0706		conserved hypothetical protein	0.73	0.19
HD1820		putative ABC transporter, ATP-binding protein	0.71	0.17
HD0545	<i>lexA</i>	probable LexA repressor	0.70	0.20
HD1825		hypothetical protein	0.70	0.20
HD0040	<i>yidC</i>	60 kD inner-membrane protein	0.69	0.22
HD1992	<i>sun</i>	SUN protein	0.69	0.17
HD0372	<i>ansB</i>	L-asparaginase II	0.68	0.22
HD1753	<i>secF</i>	protein-export membrane protein SecF	0.68	0.22
HD1296		conserved hypothetical protein	0.67	0.18
HD0615	<i>nfrE</i>	cytochrome c-type biogenesis protein	0.64	0.22
HD0544	<i>mutH</i>	DNA mismatch repair protein	0.63	0.24
HD0054	<i>tufA</i>	elongation factor tu, EF-Tu	0.60	0.23
HD0034	<i>frdD</i>	fumarate reductase, 13 kD hydrophobic protein	0.58	0.17
HD0891	<i>argB</i>	acetylglutamate kinase	0.58	0.20
HD1247	<i>maeA</i>	malate oxidoreductase (NAD)	0.57	0.20
HD0838	<i>zwf</i>	glucose-6-phosphate 1-dehydrogenase	0.51	0.18
HD1767	<i>moeA</i>	molybdopterin biosynthesis protein MoeA	0.51	0.16
HD1826	<i>modC</i>	molybdenum ABC transporter, ATP-binding protein	0.48	0.17
HD1991	<i>trkA</i>	TRK system potassium uptake protein	0.46	0.17
HD1186	<i>dxr</i>	1-deoxy-D-xylulose 5-phosphate reductoisomerase	0.45	0.15
HD1417		hypothetical protein	0.43	0.19
HD0688	<i>rmlA</i>	glucose-1-phosphate thymidyltransferase	0.42	0.13
HD0815	<i>recN</i>	DNA repair protein	0.40	0.18
HD0436	<i>thiL</i>	thiamin-monophosphate kinase	-0.48	0.18
HD1911	<i>asnC</i>	transcription regulatory protein, AsnC	-0.60	0.18
HD1014		hypothetical protein	-0.61	0.16
HD0435	<i>nusB</i>	transcription termination factor	-0.61	0.18
HD1780		hypothetical protein	-0.63	0.19
HD0365		conserved hypothetical protein	-0.66	0.15
HD0575	<i>prfB</i>	peptide chain release factor 2	-0.68	0.16
HD0455		putative protease	-0.74	0.18
HD1625	<i>aceE</i>	2-oxoglutarate dehydrogenase	-0.79	0.18
HD0010	<i>atpD</i>	ATP synthase beta chain	-0.80	0.21
HD1809	<i>hflK</i>	HflK protein	-0.80	0.18
HD0081	<i>murB</i>	UDP-N-acetylenolpyruvoylglucosamine reductase	-0.84	0.19
HD0257		conserved hypothetical protein	-0.84	0.20
HD1892		conserved hypothetical protein	-0.85	0.24
HD0426	<i>mrcA</i>	penicillin-binding protein 1A	-0.86	0.20
HD1271	<i>menE</i>	O-succinylbenzoic acid--CoA ligase	-0.87	0.19
HD0008	<i>atpA</i>	ATP synthase alpha chain	-0.87	0.20

HD1779		hypothetical protein	-0.91	0.19
HD0874	<i>ndh</i>	NADH dehydrogenase	-0.92	0.18
HD0258		probable permease	-0.93	0.26
HD1219		conserved hypothetical protein	-0.94	0.22
HD1893		hypothetical protein	-0.95	0.15
HD0580	<i>hlp</i>	lipoprotein Hlp	-0.96	0.18
HD1016		hypothetical protein	-0.96	0.18
HD1902		conserved hypothetical protein	-0.97	0.15
HD0750	<i>glnA</i>	glutamine synthetase	-0.97	0.22
HD1015		hypothetical protein	-0.98	0.19
HD1642		possible integral membrane protein of DedA family	-0.99	0.25
HD1060		hypothetical protein	-1.01	0.14
HD0449	<i>fis</i>	DNA-binding protein	-1.02	0.19
HD1759	<i>pryE</i>	orotate phosphoribosyltransferase	-1.03	0.13
HD1104	<i>truA</i>	tRNA pseudouridine synthase A	-1.04	0.19
HD1662	<i>pntB</i>	NAD(P) transhydrogenase, beta subunit	-1.04	0.21
HD1999	<i>ffh</i>	signal recognition particle protein	-1.04	0.18
HD0066		hypothetical protein	-1.05	0.21
HD1372	<i>dnaB2</i>	replicative DNA helicase	-1.06	0.19
HD1896		conserved hypothetical protein	-1.06	0.22
HD1485	<i>frxA</i>	NAD(P)H nitroreductase	-1.06	0.20
HD0004	<i>atpB</i>	ATP synthase A chain	-1.06	0.24
HD0009	<i>atpG</i>	ATP synthase gamma chain	-1.07	0.23
HD1371		conserved hypothetical protein	-1.07	0.24
HD1118	<i>folA</i>	dihydrofolate reductase	-1.08	0.22
HD0201	<i>mrsA</i>	phosphoglucosamine mutase	-1.09	0.23
HD0821	<i>ddlB</i>	D-alanine-D-alanine ligase B	-1.10	0.14
HD1103	<i>folE</i>	GTP cyclohydrolase I	-1.10	0.19
HD1291	<i>gapA</i>	glyceraldehyde 3-phosphate dehydrogenase	-1.10	0.26
HD0007	<i>atpH</i>	ATP synthase delta chain	-1.10	0.21
HD1379		conserved hypothetical protein	-1.10	0.19
HD1017		hypothetical protein	-1.13	0.27
HD0005	<i>atpE</i>	ATP synthase C chain	-1.13	0.19
HD0440	<i>suhB</i>	inositol-1-monophosphatase	-1.15	0.15
HD1727	<i>fadR</i>	fatty acid metabolism regulator protein	-1.15	0.19
HD0006	<i>atpF</i>	ATP synthase B chain	-1.15	0.21
HD0448		putative dehydrogenase	-1.15	0.25
HD1468	<i>mazG</i>	MazG protein	-1.16	0.23
HD1728	<i>nhaB</i>	Na ⁺ /H ⁺ antiporter protein	-1.16	0.23
HD1737	<i>ppiD</i>	peptidyl-prolyl cis-trans isomerase D	-1.16	0.20
HD1020		glyoxalase II family protein	-1.18	0.18
HD0668		hypothetical protein	-1.18	0.23
HD0194	<i>rne</i>	ribonuclease E	-1.19	0.21

HD1327	<i>hhdA</i>	hemolysin	-1.20	0.11
HD0441	<i>dxs</i>	1-deoxyxylulose-5-phosphate synthase	-1.20	0.15
HD1411	<i>asnS</i>	asparaginyl-tRNA synthetase	-1.20	0.23
HD1663	<i>pntA</i>	NAD(P) transhydrogenase, alpha subunit	-1.20	0.19
HD1857	<i>sgaH</i>	probable hexulose-6-phosphate synthase	-1.21	0.21
HD1369		conserved hypothetical protein	-1.22	0.18
HD0865	<i>pgk</i>	phosphoglycerate kinase	-1.24	0.18
HD0042		conserved hypothetical protein	-1.26	0.16
HD0669	<i>valS</i>	valyl-tRNA synthetase	-1.26	0.19
HD1782	<i>cydA</i>	cytochrome D ubiquinol oxidase, subunit I	-1.27	0.21
HD2025	<i>hgbA</i>	hemoglobin-binding protein HgbA	-1.27	0.28
HD0581	<i>HlpB</i>	lipoprotein HlpB	-1.30	0.18
HD1220	<i>ykgF</i>	putative iron-sulfur electron transport protein	-1.30	0.19
HD1913	<i>asnA</i>	asparagine synthetase A	-1.30	0.27
HD1859		PTS system Enzyme II-A permease component	-1.32	0.18
HD0997		hypothetical protein	-1.34	0.33
HD1115	<i>nth</i>	endonuclease III, DNA (apurinic or apyrimidinic site) lyase	-1.35	0.21
HD1456	<i>ackA</i>	acetate kinase	-1.37	0.21
HD0824	<i>murG</i>	UDP-N-acetylglucosamine-N-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase	-1.38	0.21
HD0076	<i>napG</i>	ferredoxin-type protein NapG	-1.39	0.18
HD0003		conserved hypothetical protein	-1.39	0.27
HD1428	<i>uspA</i>	universal stress protein A	-1.41	0.19
HD0848	<i>sodC</i>	superoxide dismutase [Cu-Zn]	-1.42	0.25
HD1735		putative oligopeptide transporter, periplasmic-binding protein	-1.42	0.20
HD0770		conserved hypothetical protein	-1.42	0.21
HD0646		conserved hypothetical protein	-1.46	0.18
HD1489		hypothetical protein	-1.47	0.22
HD1641	<i>purR</i>	purine nucleotide synthesis repressor	-1.49	0.20
HD1221	<i>ykgE</i>	conserved putative dehydrogenase subunit	-1.51	0.16
HD0074	<i>napA</i>	periplasmic nitrate reductase	-1.52	0.18
HD0667	<i>holC</i>	DNA polymerase III chi subunit	-1.52	0.27
HD0613	<i>cyaA</i>	adenylate cyclase	-1.56	0.19
HD1290	<i>msrB</i>	peptide methionine sulfoxide reductase MsrB	-1.57	0.31
HD1409		conserved hypothetical protein	-1.59	0.21
HD1494	<i>rplM</i>	50S ribosomal protein L13	-1.60	0.20
HD0349	<i>nrfC</i>	nitrate reductase, Fe-S protein	-1.60	0.36
HD1299	<i>tadF</i>	tight adherence protein F	-1.62	0.16
HD1493	<i>rpsI</i>	30S ribosomal protein S9	-1.66	0.25
HD1480	<i>bioD1</i>	probable dethiobiotin synthetase	-1.66	0.30
HD1986	<i>fumC</i>	fumarate hydratase class II	-1.68	0.22
HD1666		probable phosphatase	-1.68	0.24
HD1253	<i>dgkA</i>	diacylglycerol kinase	-1.68	0.32

HD1298	<i>tadG</i>	tight adherence protein G	-1.69	0.16
HD1860	<i>sgaT</i>	putative PTS system Enzyme II sga subunit	-1.70	0.27
HD1301	<i>tadD</i>	tight adherence protein D	-1.75	0.12
HD1300	<i>tadE</i>	tight adherence protein E	-1.78	0.22
HD1304	<i>tadA</i>	tight adherence protein A	-1.80	0.19
HD1755	<i>ftnB</i>	ferritin-like protein 2	-1.80	0.26
HD1303	<i>tadB</i>	tight adherence protein B	-1.80	0.21
HD1387		conserved hypothetical protein	-1.83	0.16
HD1667	<i>bcp</i>	bacterioferritin comigratory protein	-1.83	0.25
HD1754	<i>ftnA</i>	ferritin-like protein 1	-1.84	0.25
HD1030	<i>cysB</i>	<i>cys</i> regulon transcriptional activator	-1.87	0.22
HD1305		<i>flp</i> operon protein D	-1.88	0.17
HD1504	<i>guaA</i>	GMP synthase [glutamine-hydrolyzing]	-1.92	0.25
HD0347	<i>nrfB</i>	nitrate reductase, cytochrome-C type protein	-1.94	0.32
HD1280		possible serine protease homolog	-1.94	0.29
HD0073	<i>napD</i>	possible NapD protein	-1.98	0.15
HD0577	<i>selD</i>	selenide, water dikinase	-1.99	0.16
HD0072	<i>napF</i>	ferredoxin-type protein NapF	-2.01	0.19
HD1389	<i>moaE</i>	molybdopterin converting factor subunit 2	-2.03	0.15
HD1407	<i>efp</i>	elongation factor P	-2.03	0.15
HD1018	<i>macA</i>	probable macrolide-specific efflux protein	-2.05	0.20
HD0344	<i>nrfA</i>	nitrate reductase, cytochrome c552	-2.11	0.33
HD1306	<i>rcpB</i>	rough colony protein B	-2.16	0.20
HD1150	<i>glpT</i>	glycerol 3-phosphate transporter	-2.18	0.20
HD1394	<i>torZ</i>	trimethylamine-N-oxide reductase 2	-2.20	0.16
HD1302	<i>tadC</i>	tight adherence protein C	-2.20	0.14
HD1029		putative haloacid dehalogenase-like hydrolase	-2.25	0.20
HD1307	<i>rcpA</i>	rough colony protein A	-2.26	0.16
HD0998	<i>uraA</i>	uracil permease	-2.27	0.42
HD0202	<i>slyD</i>	FkbP-type peptidyl-prolyl cis-trans isomerase	-2.31	0.14
HD1985		possible DNA transformation protein	-2.31	0.44
HD1308		<i>flp</i> operon protein C	-2.37	0.17
HD1390	<i>moaD</i>	molybdopterin converting factor subunit 1	-2.41	0.17
HD1503	<i>guaB</i>	inosine-5-monophosphate dehydrogenase	-2.43	0.17
HD1028	<i>gcvA</i>	glycine cleavage system transcriptional activator	-2.47	0.27
HD1312	<i>flp1</i>	<i>flp</i> operon protein Flp1	-2.51	0.28
HD1078	<i>ompP1</i>	outer membrane protein P1	-2.56	0.18
HD1856		hypothetical protein	-2.58	0.29
HD1151		hypothetical protein	-2.60	0.26
HD1900	<i>fkpA</i>	FKBP-type peptidyl-prolyl cis-trans isomerase FkpA	-2.61	0.15
HD1393	<i>torY</i>	cytochrome c-type protein TorY	-2.68	0.18
HD0233	<i>carB</i>	carbamoyl-phosphate synthase, large subunit	-2.72	0.50
HD0589		conserved hypothetical protein	-2.90	0.26

HD1432		conserved hypothetical protein	-2.91	0.28
HD1278		possible serine protease	-2.92	0.26
HD1156	<i>lspA2</i>	large supernatant protein 2	-2.95	0.20
HD1309		<i>flp</i> operon protein B	-2.95	0.22
HD0084	<i>lldD</i>	L-lactate dehydrogenase	-2.98	0.31
HD0590		conserved hypothetical protein	-2.99	0.21
HD0805		conserved hypothetical protein	-3.04	0.31
HD0235	<i>carA</i>	carbamoyl-phosphate synthase, small subunit	-3.21	0.52
HD0047		hypothetical protein not likely	-3.31	0.43
HD0048		hypothetical protein	-3.34	0.36
HD0591		conserved hypothetical protein	-3.37	0.16
HD1310	<i>flp3</i>	<i>flp</i> operon protein Flp3	-3.37	0.39
HD1433	<i>ompP2A</i>	outer membrane protein P2 homolog	-3.49	0.43
HD1920		hypothetical protein	-3.51	0.25
HD1311	<i>flp2</i>	<i>flp</i> operon protein Flp2	-3.66	0.35
HD0896	<i>cysK</i>	cysteine synthase	-3.92	0.23
HD0769	<i>dsrA</i>	serum resistance protein DrsA	-4.38	0.32
HD0046	<i>ompA2</i>	major outer membrane protein homolog, OmpA2	-5.72	0.21

^a Median log₂ ratio of expression comparing 35000HPΔ*cpxR*(pML125) to 35000HPΔ*cpxR*(pLS88) from three independent experiments ($p < 0.05$).