

iBAQ_1_Q1	iBAQ_1_Q2	iBAQ_1_Q3	iBAQ_1_Q4	iBAQ_1_Q5	iBAQ_4_Q1	iBAQ_4_Q2	iBAQ_4_Q3	iBAQ_4_Q4	iBAQ_4_Q5	Fasta	OS	Protein	Q-value	Score	Intensity	MS/MS Count	Peptides	Razor + unique pept.	Unique peptides	Number of proteins	Sequence coverage	Mol. weight [kDa]	protein IDs	Majority protein IDs	id	log2 ratio	t.test
3.21E+07	3.55E+07	1.72E+07	2.47E+07	2.50E+07	2.58E+05	2.71E+05	8.63E+04	2.49E+05	2.20E+05	<tr>[SSYP6]SSYP6_PARA	Paracoccus aminophilus JCM 7688	Succinate dehydrogenase flavoprotein subunit	0	11,689	8,56E+07	5	2	2	2	40	5.5	65,202	SSYP6;Q59661;A1A217;AOA2H5E1	SSYP6;Q59661;A1A217;AOA2H5E1	14	1.01	0.00052
1.91E+06	1.67E+06	1.12E+06	1.48E+06	6.90E+05	1.61E+07	8.81E+06	5.69E+06	1.26E+07	1.65E+07	<tr>[AOA136M6D6]AOA136M6D6_9BACT	Candidatus Brocadia sinica	Putative cytochrome c	0	17,613	2,57E+09	8	2	2	7	4.1	53,545	AOA136M6D6;AOA00C9PEX5;AOA1136J6M	AOA136M6D6;AOA00C9PEX5;AOA1136J6M	43	0.20	0.00429	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E+04	1.25E+04	1.65E+05	<tr>[AOA119BSU1]AOA119BSU1_9RHOB	Paracoccus sp. SM22-M-07	Enolase	0	12,115	1,18E+08	4	2	2	19	7.1	45,162	AOA119BSU1;AOA110GT77;AOA0D6TG6	AOA119BSU1;AOA110GT77;AOA0D6TG6	48	4.46	0.11830	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+06	1.04E+06	2.30E+05	3.61E+05	2.62E+05	<tr>[AOA114MIJAS]AOA114MIJAS_9PROT	Nitrosomonas communis	Ketol-acid reductoisomerase (NADP(+))	0	11,669	1,37E+08	5	2	2	26	8.3	37,091	AOA114MIJAS;AOA114KYW5;AOA113K16	AOA114MIJAS;AOA114KYW5;AOA113K16	52	0.40	0.01787	
3.66E+07	2.98E+07	2.70E+07	3.46E+07	1.30E+07	1.73E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<tr>[AOA114SW40]AOA114SW40_9PROT	Nitrosomonas communis	Phosphoribulokinase	0	11,383	5,84E+07	2	2	2	33	9	32,494	AOA114SW40;AOA114NEM0;AOA113K16	AOA114SW40;AOA114NEM0;AOA113K16	58	-0.36	0.34662	
8.23E+05	2.01E+06	0.00E+00	8.47E+05	7.01E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<tr>[AOA256VWVX3]AOA256VWVX3_9BACT	Nitrosopira sp. UW-LDO-01	Pyruvate ferredoxin oxidoreductase	0	16,557	4,33E+08	8	2	2	14	26.1	9,9126	AOA256VWVX3;AOA1W9JRC4;AOA1136J6M	AOA256VWVX3;AOA1W9JRC4;AOA1136J6M	92	#ZAH!	0.00000	
5.14E+05	3.62E+05	3.33E+05	4.82E+05	6.65E+04	9.39E+05	2.22E+06	3.02E+05	1.65E+06	1.75E+06	<tr>[AOA11W9V85]AOA11W9V85_9BACT	Nitrosopira sp. ST-bio5	10 kDa chaperonin	0	23,793	1,39E+08	4	2	2	16	37.4	10,993	AOA11W9V85;AOA11W9V85;AOA1136J6M	AOA11W9V85;AOA11W9V85;AOA1136J6M	103	0.90	0.00288	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+05	7.00E+05	4.05E+05	1.52E+05	0.00E+00	<tr>[AOA002GG72]AOA002GG72_NITMO	Nitrosopira moscoviensis	Carboxy-terminal-processing protease	0	11,287	2,79E+08	3	2	2	11	6.3	47,922	AOA002GG72;AOA136J6M;D8PHM3;A	AOA002GG72;AOA136J6M;D8PHM3;A	112	2.17	0.03509	
5.27E+05	7.43E+05	5.52E+05	7.71E+05	6.65E+05	0.00E+00	0.00E+00	0.00E+00	1.42E+05	1.94E+05	<tr>[AOA1W9J574]AOA1W9J574_9BACT	Nitrosopira sp. ST-bio5	Iron-sulfur cluster assembly scaffold protein H	0	32,331	2,21E+08	15	2	2	15	18.9	13,779	AOA1W9J574;AOA1W1185;AOA256VW	AOA1W9J574;AOA1W1185;AOA256VW	120	5.94	#ZAH!	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<tr>[D8PH80]D8PH80_9BACT	Nitrosopira defluvii	Transcription termination/antitermination protein	0	11,546	1,11E+08	2	2	2	13	7.4	42,058	D8PH80;AOA1W1HVM7;AOA1W9J574	D8PH80;AOA1W1HVM7;AOA1W9J574	122	2.32	0.34665	
3.24E+05	5.96E+05	0.00E+00	3.89E+05	9.25E+04	1.47E+07	1.07E+07	4.26E+06	1.04E+07	1.44E+07	<tr>[AOA136JNW2]AOA136JNW2_9BACT	Nitrosopira sp. OLB3	Rubryerythrin	0	32,331	3,57E+09	27	2	2	2	24	15,607	AOA136JNW2;AOA0K2GJIA;D8PH80	AOA136JNW2;AOA0K2GJIA;D8PH80	124	3.31	0.00042	
8.57E+05	1.06E+06	3.15E+05	6.89E+05	3.36E+05	1.70E+06	1.05E+06	1.34E+05	5.59E+05	9.65E+05	<tr>[D8PH70]D8PH70_9BACT	Nitrosopira defluvii	Peroxioredoxin	0	28,169	1,45E+09	10	2	2	4	10.3	17,523	D8PH70;AOA1W1HVZ2;AOA136JNW2	D8PH70;AOA1W1HVZ2;AOA136JNW2	147	5.00	0.00986	
2.89E+05	5.07E+05	4.55E+05	3.05E+05	1.85E+05	9.58E+05	1.16E+06	0.00E+00	6.06E+05	0.00E+00	<tr>[AOA0054L7J5]AOA0054L7J5_9BACT	Candidatus Nitrosopira nitrosa	Glutaredoxin	0	11,489	1,85E+08	2	2	2	7	21.5	12,246	AOA0054L7J5;AOA1W9G8N9;AOA1136J6M	AOA0054L7J5;AOA1W9G8N9;AOA1136J6M	159	3.12	0.05243	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+05	1.73E+05	0.00E+00	0.00E+00	0.00E+00	<tr>[AOA0054L7J5]AOA0054L7J5_9BACT	Candidatus Nitrosopira nitrosa	Uncharacterized protein	0	15,415	1,42E+08	10	2	2	6	25.4	14,42	AOA0054L7J5;AOA256X1N2;AOA1W9H4	AOA0054L7J5;AOA256X1N2;AOA1W9H4	164	4.83	0.18965	
0.00E+00	2.50E+05	2.00E+05	2.20E+05	1.98E+05	3.93E+05	3.54E+05	2.83E+05	2.80E+05	2.77E+05	<tr>[AOA256X0N8]AOA256X0N8_9BACT	Nitrosopira sp. UW-LDO-01	Isocitrate dehydrogenase (NADP(+))	0	19,833	1,16E+08	2	2	2	14	4.8	81,47	AOA256X0N8;AOA054L35;AOA1W9G6	AOA256X0N8;AOA054L35;AOA1W9G6	166	-1.21	0.00000	
1.73E+06	2.24E+06	1.74E+06	1.75E+06	1.06E+06	0.00E+00	3.11E+06	1.49E+06	1.71E+06	0.00E+00	<tr>[D8P754]D8P754_9BACT	Nitrosopira defluvii	Uncharacterized protein	0	34,869	1,24E+09	5	2	2	6	26.4	8,2885	D8P754;AOA1W1HVVW8;AOA136J6M	D8P754;AOA1W1HVVW8;AOA136J6M	184	5.26	0.06318	
8.60E+06	8.20E+06	3.17E+06	4.16E+06	3.77E+06	3.71E+06	4.37E+06	9.12E+05	2.10E+06	3.19E+06	<tr>[D8PAF3]D8PAF3_9BACT	Nitrosopira defluvii	Uncharacterized protein	0	13,864	8,82E+08	13	2	2	4	7.4	19,505	D8PAF3;AOA1W1HTV4;AOA136J6M	D8PAF3;AOA1W1HTV4;AOA136J6M	188	2.05	0.00160	
4.96E+05	5.84E+05	4.35E+05	4.05E+05	4.63E+05	4.32E+05	7.02E+05	0.00E+00	0.00E+00	0.00E+00	<tr>[AOA136K854]AOA136K854_9BACT	Nitrosopira sp. OLB3	DNA-directed RNA polymerase subunit alpha	0	11,254	3,76E+07	2	2	2	6	36.512	AOA136K854;D8PCY0;AOA1W1HR6	AOA136K854;D8PCY0;AOA1W1HR6	193	-0.79	#ZAH!		
9.97E+06	9.33E+06	6.76E+06	7.68E+06	7.66E+06	5.78E+05	3.66E+05	0.00E+00	6.68E+05	1.00E+00	<tr>[AOA136K8G3]AOA136K8G3_9BACT	Nitrosopira sp. OLB3	Putative RNA-binding protein RbpA	0	13,647	2,04E+08	3	3	3	6	35.5	11,445	AOA136K8G3;AOA1W9B34;AOA1136J6M	AOA136K8G3;AOA1W9B34;AOA1136J6M	196	4.33	0.05088	
5.02E+05	5.56E+05	1.71E+06	3.04E+06	1.59E+06	2.34E+06	2.23E+06	0.00E+00	1.30E+06	2.04E+06	<tr>[AOA136KDL4]AOA136KDL4_9BACT	Nitrosopira sp. OLB3	Cytochrome c peroxidase	0	12,192	3,48E+08	8	2	2	4	4.8	54,114	AOA136KDL4;A3VXW5;AOA0K2G6E	AOA136KDL4;A3VXW5;AOA0K2G6E	198	-0.40	#ZAH!	
3.93E+06	4.71E+06	2.81E+06	4.64E+06	2.87E+06	0.00E+00	4.32E+04	0.00E+00	1.06E+05	1.40E+05	<tr>[AOA136KZD6]AOA136KZD6_9BACT	Nitrosopira sp. OLB3	Peptidyl-prolyl cis-trans isomerase	0	19,598	6,49E+08	15	2	2	14	15.7	23,224	AOA136KZD6;AOA1W9GPF4;AOA1136J6M	AOA136KZD6;AOA1W9GPF4;AOA1136J6M	199	7.22	0.07494	
1.02E+06	2.28E+06	9.28E+05	3.32E+06	2.28E+06	2.50E+05	7.91E+05	3.78E+05	7.08E+05	1.10E+06	<tr>[AOA1E4DGV7]AOA1E4DGV7_9BACT	Nitrosopira sp. SCN 59-13	Serine protease	0	37,664	2,13E+08	10	2	2	6	8.8	53,262	AOA1E4DGV7;AOA1W10C2;AOA1136J6M	AOA1E4DGV7;AOA1W10C2;AOA1136J6M	210	1.20	0.00276	
2.06E+06	2.81E+06	1.25E+06	1.01E+06	1.25E+06	3.44E+06	2.55E+06	1.01E+06	1.16E+06	4.57E+05	<tr>[AOA238WGN0]AOA238WGN0_9RHOB	Paracoccus sediminis	Nit/TauT family transport system substrate-binding protein	0	13,978	2,06E+08	8	2	2	17	7.1	34,84	AOA238WGN0;AOA1N7KLG7;AOA1136J6M	AOA238WGN0;AOA1N7KLG7;AOA1136J6M	219	0.24	0.01390	
7.90E+05	9.21E+05	6.83E+05	9.39E+05	6.40E+05	0.00E+00	0.00E+00	3.43E+05	4.46E+05	2.72E+05	<tr>[AOA1G7BKE7]AOA1G7BKE7_9RHOB	Paracoccus isopora	ATP synthase subunit alpha	0	96,726	1,49E+08	2	4	4	33	10.6	55,101	AOA1G7BKE7;AOA2E3CCH9;AOA2D28X2	AOA1G7BKE7;AOA2E3CCH9;AOA2D28X2	238	2.21	0.04795	
1.78E+06	1.71E+06	1.44E+06	1.90E+06	1.35E+06	2.16E+07	1.84E+07	8.86E+06	1.87E+07	2.50E+07	<tr>[AOA14UY44]AOA14UY44_9PROT	Nitrosomonas nitrosa	30S ribosomal protein S7	0	161,78	8,85E+08	11	2	2	26	16.7	17,956	AOA14UY44;AOA1H3NRM1;AOA1136J6M	AOA14UY44;AOA1H3NRM1;AOA1136J6M	249	-1.45	0.00013	
7.90E+05	1.00E+06	9.56E+05	1.41E+06	6.11E+05	5.96E+05	5.03E+05	3.66E+05	3.06E+05	3.53E+05	<tr>[AOA14TA1A1]AOA14TA1A1_9PROT	Nitrosomonas nitrosa	Ribose-phosphate pyrophosphokinase	0	11,567	3,89E+07	2	2	2	26	7.9	34,799	AOA14TA1A1;AOA1H3KH92;AOA1136J6M	AOA14TA1A1;AOA1H3KH92;AOA1136J6M	261	-2.18	#ZAH!	
3.67E+07	5.26E+07	2.43E+07	4.07E+07	2.55E+07	3.92E+06	5.00E+05	2.26E+06	3.35E+06	3.42E+06	<tr>[AOA114H8X84]AOA114H8X84_9RHOB	Paracoccus alcaliphilus	Amino acid ABC transporter substrate-binding protein	0	70,212	3,53E+08	8	2	2	15	9.9	29,44	AOA114H8X84;AOA2D2C0L2;AOA2H5E1	AOA114H8X84;AOA2D2C0L2;AOA2H5E1	275	-0.64	0.00228	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+05	3.42E+05	3.66E+05	5.91E+05	5.95E+05	<tr>[AOA238Y2Z2]AOA238Y2Z2_9RHOB	Paracoccus sediminis	Aconitate hydratase	0	16,898	1,09E+08	14	2	2	40	3.5	99,539	AOA238Y2Z2;AOA1H8GA10;Q3SV1;Q	AOA238Y2Z2;AOA1H8GA10;Q3SV1;Q	276	-1.75	0.00004	
8.19E+04	6.92E+04	5.31E+04	0.00E+00	5.38E+04	1.90E+06	1.46E+06	1.39E+05	2.24E+06	1.80E+06	<tr>[AOA1H8KNX3]AOA1H8KNX3_9RHOB	Paracoccus alcaliphilus	MoXr-like ATPase	0	11,778	2,26E+08	3	2	2	29	10.1	32,827	AOA1H8KNX3;A1AZG6;AOA2D2C007;A	AOA1H8KNX3;A1AZG6;AOA2D2C007;A	281	-1.47	0.00324	
3.58E+05	9.14E+05	6.19E+05	9.33E+06	1.65E+05	5.88E+06	6.50E+06	3.90E+06	5.86E+06	7.69E+06	<tr>[AOA1V0GKN9]AOA1V0GKN9_9RHOB	Paracoccus zeei	Nitrous-oxide reductase	0	73,05	1,67E+09	22	2	2	4	4.0	70,504	AOA1V0GKN9;AOA113AAL6;AOA2D2C2	AOA1V0GKN9;AOA113AAL6;AOA2D2C2	299	-0.42	0.00001	
3.71E+05	3.47E+05	6.94E+05	0.00E+00	4.99E+05	3.58E+05	1.75E+05	2.41E+05	7.13E+05	5.21E+05	<tr>[AOA2H5E2C3]AOA2H5E2C3_9RHOB	Paracoccus zhejiangensis	Polyribonucleotide nucleotidyltransferase	0	14,262	8,23E+07	10	2	2	17	4.8	77,107	AOA2H5E2C3;AOA113BSN7;SSYFV	AOA2H5E2C3;AOA113BSN7;SSYFV	300	-0.15	0.00357	
7.13E+05	6.46E+05	0.00E+00																									

2.42E+06	2.17E+06	9.17E+05	0.00E+00	2.26E+06	0.00E+00	9.98E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	>tr A0A114KU12 A0A114KU12_9PROT	Nitrosomonas nitrosa	Isocitrate dehydrogenase [NADP]	0	18,867	2,09E+08	6	3	3	3	1	9.6	45,928	A0A114KU12	A0A114KU12	308	2.95	0.34664
1.35E+05	9.43E+04	8.48E+04	8.94E+04	1.32E+05	2.95E+05	1.99E+05	1.35E+05	4.42E+04	1.44E+05	>tr A0A114L271 A0A114L271_9PROT	Nitrosomonas nitrosa	Phosphate ABC transporter substrate-binding	0	25,94	1,47E+08	8	3	3	3	8	13	36,599	A0A114L271;A0A285BWT3;F9ZGQ5	A0A114L271	314	3.01	0.00417	
7.30E+06	9.87E+06	4.65E+06	7.50E+06	6.46E+06	1.65E+08	1.50E+08	5.72E+07	1.20E+08	1.12E+08	>tr A0A114L317 A0A114L317_9PROT	Nitrosomonas nitrosa	Dissimilatory nitrite reductase (NO-forming), c	0	251,32	6,28E+09	116	3	3	3	7	11,7	39,397	A0A114L317;A0A285BWT3;F9ZGQ5	A0A114L317	316	-1.75	0.00019	
1.76E+06	2.45E+06	2.59E+06	1.88E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+05	0.00E+00	>tr A0A114L437 A0A114L437_9PROT	Nitrosomonas nitrosa	Phospholipid transport system substrate-bind	0	32,113	7,15E+07	8	3	3	3	1	19.6	23,761	A0A114L437	A0A114L437	320	5.31	0.34693	
1.20E+08	1.62E+08	1.32E+08	1.17E+08	1.10E+08	6.64E+05	4.68E+05	2.32E+05	3.83E+05	6.43E+05	>tr A0A114L408 A0A114L408_9PROT	Nitrosomonas nitrosa	Apoptosis-inducing factor, C-term	0	19,579	7,65E+07	7	3	3	3	1	11.2	43,74	A0A114L408	A0A114L408	327	-0.55	0.00036	
1.38E+05	1.04E+05	8.02E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+05	2.56E+05	2.58E+05	>tr A0A114M5U7 A0A114M5U7_9PROT	Nitrosomonas nitrosa	Malate dehydrogenase	0	20,039	9,65E+07	6	3	3	3	5	13.4	35,956	A0A114M5U7;F8GE84;A0A112A2M	A0A114M5U7	336	3.28	0.04486	
2.54E+08	2.99E+08	1.87E+08	2.58E+08	2.86E+08	3.24E+05	6.42E+04	3.89E+04	5.88E+05	7.25E+05	>tr A0A114M6F6 A0A114M6F6_9PROT	Nitrosomonas nitrosa	Cytochrome c-type biogenesis protein CcmH	0	323,31	5,15E+08	67	3	3	3	1	9.9	48,123	A0A114M6F6	A0A114M6F6	337	3.50	0.03488	
6.66E+06	4.00E+06	3.12E+06	7.74E+06	3.03E+06	0.00E+00	0.00E+00	1.29E+05	3.62E+05	2.49E+05	>tr A0A114MRP1 A0A114MRP1_9PROT	Nitrosomonas nitrosa	Uncharacterized protein Yjb), contains pentap	0	323,31	1,55E+08	12	3	3	3	1	18.5	27,233	A0A114MRP1	A0A114MRP1	343	4.47	0.06973	
4.60E+06	3.66E+06	3.45E+06	4.61E+06	4.85E+06	2.19E+06	2.83E+06	1.09E+06	1.99E+06	2.47E+06	>tr A0A114NE55 A0A114NE55_9PROT	Nitrosomonas nitrosa	Uncharacterized protein	0	38,082	1,77E+08	7	3	3	3	8	19.8	25,246	A0A114NE55;A0A114S472;A0A113K	A0A114NE55	351	-3.10	#ZAH!1	
3.82E+06	4.64E+06	4.17E+06	5.07E+06	2.41E+06	1.33E+06	2.82E+06	9.62E+05	2.21E+06	3.23E+06	>tr A0A114PK05 A0A114PK05_9PROT	Nitrosomonas nitrosa	ATP synthase gamma chain	0	106,38	2,96E+08	18	3	3	3	27	17.4	32,795	A0A114PK05;A0A114S55CT9;Q82XP9	A0A114PK05;A0A114S55CT9;Q82XP9;QO	380	-0.62	0.00117	
2.71E+07	3.18E+07	2.30E+07	2.20E+07	2.68E+07	4.00E+04	0.00E+00	4.39E+05	0.00E+00	5.59E+05	>tr A0A114PT58 A0A114PT58_9PROT	Nitrosomonas nitrosa	3-isopropylmalate dehydrogenase	0	20,923	1,66E+08	6	3	3	3	10	12.7	38,028	A0A114PT58;A0A114N588;A0A113G	A0A114PT58	388	2.89	0.12376	
5.29E+04	4.84E+04	4.46E+04	3.13E+04	4.78E+04	2.17E+07	1.46E+07	9.13E+06	1.43E+07	1.30E+07	>tr A0A114PWR0 A0A114PWR0_9PROT	Nitrosomonas nitrosa	Uncharacterized protein	0	185,02	2,71E+09	58	3	3	3	1	25	18,368	A0A114PWR0	A0A114PWR0	390	1.87	0.00010	
3.09E+07	1.97E+07	1.13E+07	5.39E+07	6.11E+06	2.46E+06	6.82E+05	1.90E+06	1.90E+06	3.25E+06	>tr A0A114PYC6 A0A114PYC6_9PROT	Nitrosomonas nitrosa	Uncharacterized protein	0	17,244	1,19E+08	4	3	3	3	6	19.3	23,753	A0A114PYC6;A0A114S58M3;A0A11G	A0A114PYC6;A0A114S58M3;A0A11G7YB	394	-1.75	0.00126	
1.68E+05	2.39E+05	1.84E+05	2.22E+05	1.94E+05	0.00E+00	3.67E+05	0.00E+00	8.15E+04	3.11E+05	>tr A0A114Q279 A0A114Q279_9PROT	Nitrosomonas nitrosa	Heat shock protein Hsp20	0	22,395	7,60E+06	5	3	3	3	1	28.2	19,388	A0A114Q279	A0A114Q279	397	#ZAH!1	#ZAH!1	
2.73E+05	3.77E+05	2.28E+05	3.50E+05	3.68E+05	3.13E+06	2.95E+06	2.11E+06	7.67E+06	4.29E+06	>tr A0A114QB85 A0A114QB85_9PROT	Nitrosomonas nitrosa	5-methyltetrahydropteroylglutamate--hom	0	323,31	1,43E+09	25	3	3	3	1	5.3	86,39	A0A114QB85	A0A114QB85	402	0.19	0.00003	
1.09E+06	2.14E+06	1.17E+06	1.39E+06	1.47E+06	5.31E+06	6.13E+06	3.02E+05	4.00E+06	1.12E+06	>tr A0A114QS20 A0A114QS20_9PROT	Nitrosomonas nitrosa	30S ribosomal protein S4	0	59,349	2,71E+08	11	3	3	3	1	23.1	20,805	A0A114QS20	A0A114QS20	415	-1.12	0.01859	
9.23E+06	4.78E+06	1.25E+07	4.24E+06	4.53E+06	9.72E+05	1.43E+06	2.92E+05	1.25E+06	8.60E+05	>tr A0A114R1A5 A0A114R1A5_9PROT	Nitrosomonas nitrosa	Pyridoxal phosphate homeostasis protein	0	323,31	3,47E+08	11	3	3	3	8	20.2	26,294	A0A114R1A5;A0A114KTR3;A0A113H	A0A114R1A5	418	2.19	0.00115	
8.61E+06	1.17E+07	8.08E+06	2.07E+07	1.33E+07	5.92E+06	3.93E+06	2.98E+06	5.16E+06	6.35E+06	>tr A0A114RGD5 A0A114RGD5_9PROT	Nitrosomonas nitrosa	Glutamate dehydrogenase	0	323,31	9,28E+08	40	3	3	3	14	12.8	48,543	A0A114RGD5;A0A114T2L4;A0A11H3	A0A114RGD5;A0A114T2L4;A0A11H3W3	421	-1.67	0.00005	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E+05	5.81E+05	0.00E+00	7.67E+04	0.00E+00	>tr A0A114RH9L A0A114RH9L_9PROT	Nitrosomonas nitrosa	Uncharacterized protein	0	34,808	7,60E+08	8	3	3	3	1	9.3	60,081	A0A114RH9L	A0A114RH9L	422	4.74	0.11358	
1.13E+05	9.48E+04	9.45E+04	1.20E+05	0.00E+00	3.99E+05	9.26E+05	1.20E+05	3.80E+05	1.02E+05	>tr A0A114RSAS A0A114RSAS_9PROT	Nitrosomonas nitrosa	Probable glycine dehydrogenase (decarboxyla	0	23,223	6,18E+07	7	3	3	3	10	10.4	53,109	A0A114RSAS;A0A114QH8;A0A113I	A0A114RSAS	425	-3.24	#ZAH!1	
2.18E+07	2.70E+07	2.58E+07	3.12E+07	2.26E+07	8.64E+05	8.15E+05	3.49E+05	3.45E+05	7.78E+05	>tr A0A114RSB1 A0A114RSB1_9PROT	Nitrosomonas nitrosa	Polyribonucleotide nucleotidyltransferase	0	31,994	1,07E+08	8	3	3	3	19	6.4	76,886	A0A114RSB1;A0A113M3GY5;A0A11	A0A114RSB1	426	-2.88	#ZAH!1	
5.69E+05	6.73E+05	6.89E+05	6.86E+05	8.63E+05	3.56E+06	1.82E+06	7.63E+05	2.66E+06	2.29E+06	>tr A0A114ST18 A0A114ST18_9PROT	Nitrosomonas nitrosa	OmpA-OmpF porin, OOP family	0	54,033	9,94E+08	11	3	3	3	1	17.8	25,966	A0A114ST18	A0A114ST18	444	2.43	0.00135	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+06	1.78E+06	1.36E+06	1.07E+06	8.52E+05	>tr A0A114SYW0 A0A114SYW0_9PROT	Nitrosomonas nitrosa	Uncharacterized protein	0	107,4	4,61E+08	19	3	3	3	1	5.5	72,973	A0A114SYW0	A0A114SYW0	447	-0.11	0.00004	
3.11E+07	5.66E+07	8.97E+07	2.12E+07	4.30E+07	1.32E+07	9.76E+06	1.36E+06	1.05E+07	1.06E+07	>tr A0A114TRU7 A0A114TRU7_9PROT	Nitrosomonas nitrosa	50S ribosomal protein L19	0	83,126	1,36E+09	46	3	3	3	19	30.2	14,591	A0A114TRU7;B1Y0H8;A0A110B0V05	A0A114TRU7	450	1.46	0.00000	
4.32E+05	3.26E+05	4.18E+05	5.18E+05	4.08E+05	7.03E+04	9.56E+04	0.00E+00	0.00E+00	1.15E+05	>tr A0A114U3F4 A0A114U3F4_9PROT	Nitrosomonas nitrosa	NAD(P)-dependent dehydrogenase, short-cha	0	46,23	2,18E+08	16	3	3	3	1	18.5	25,39	A0A114U3F4	A0A114U3F4	460	5.57	0.04759	
4.06E+05	3.99E+05	3.90E+05	3.58E+05	3.10E+05	6.52E+05	5.23E+05	1.47E+05	3.44E+05	4.09E+05	>tr A0A114UV9 A0A114UV9_9PROT	Nitrosomonas nitrosa	Elongation factor G	0	20,943	1,31E+08	9	3	3	3	10	7.5	77,422	A0A114UV9;A0A114TEC4;A0A113I	A0A114UV9;A0A114TEC4;A0A113JWC6	472	-0.70	0.00475	
0.00E+00	0.00E+00	0.00E+00	4.47E+06	0.00E+00	5.81E+06	1.31E+07	8.70E+06	4.83E+06	6.11E+06	>sp Q35V11 ATPB_NITWN	Nitrobacter winogradskyi (strain A11)	ATP synthase subunit beta	0	323,31	3,63E+09	16	5	5	3	4	15.1	50,822	Q35V11;Q1QQS8;A3WRA3;A0A11V4	Q35V11;Q1QQS8;A3WRA3;A0A11V426	507	1.39	0.00087	
8.16E+05	1.35E+06	1.03E+06	8.95E+05	1.27E+06	7.23E+05	1.14E+06	3.59E+05	8.28E+05	7.02E+05	>tr A0A114W9GQ2 A0A114W9GQ2_9BACT	Nitrosomonas nitrosa	Molybdopterin synthase sulfur carrier subunit	0	22,018	3,88E+08	12	3	3	3	13	36.7	9,8232	A0A114W9GQ2;D8PE88;A0A256X0N	A0A114W9GQ2	540	4.30	0.00033	
1.65E+06	1.75E+06	0.00E+00	1.66E+06	1.45E+06	2.86E+07	2.66E+07	1.36E+07	2.34E+07	2.43E+07	>tr A0A114W9J7H6 A0A114W9J7H6_9BACT	Nitrosomonas nitrosa	Uncharacterized protein	0	323,31	4,10E+09	31	3	3	3	9	23.9	31,737	A0A114W9J7H6;D8P181;A0A11W1HY5	A0A114W9J7H6;D8P181;A0A11W1HY8	551	1.54	0.00002	
3.18E+07	3.38E+07	2.34E+07	2.53E+07	1.39E+07	2.38E+05	1.98E+04	0.00E+00	6.61E+05	2.13E+06	>sp B1XXY9 CH60_LEPCP	Leptothrix cholodnii (strain ATCC 35069)	60 kDa chaperonin	0	64,601	2,97E+08	7	8	5	3	1	16.4	57,309	B1XXY9	B1XXY9	575	1.17	0.16419	
4.45E+06	3.29E+06	2.89E+06	3.31E+06	3.05E+06	6.90E+06	7.37E+06	1.05E+06	6.75E+06	9.36E+06	>tr B1Y7H0 B1Y7H0_LEPCP	Leptothrix cholodnii (strain ATCC 35069)	Elongation factor Tu	0	39,243	1,41E+09	21	4	3	3	1	13.6	42,881	B1Y7H0	B1Y7H0	589	-0.07	0.00194	
8.79E+06	2.77E+06	8.51E+06	8.59E+06	5.13E+06	2.26E+07	1.97E+07	1.41E+07	2.05E+07	2.27E+07	>tr D8P125 D8P125_9BACT	Nitrosomonas nitrosa	Metal-binding protein SmbP	0	167,77	7,41E+09	48	5	5	4	4	40.7	12,027	D8P125;A0A11W1HYF8;A0A136JVQ0	D8P125;A0A11W1HYF8;A0A136JVQ0	187	2.69	0.00000	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E+05	5.84E+05	6.62E+04	3.73E+05	3.23E+04	>tr A0A114K960 A0A114K960_9BACT	Nitrosomonas nitrosa	3-oxoacyl-ACP reductase	0	124,74	6,22E+08	16	4	4	4	1	20	29,179	A0A114K960	A0A114K960	194	4.52	0.02477	
1.64E+06	2.38E+06	1.72E+06	1.40E+06	1.86E+06	1.75E+06	1.07E+06	7.10E+05	1.56E+06	1.87E+06	>tr A0A114LQ74 A0A114LQ74_9PROT	Nitrosomonas nitrosa	Chaperone protein DnaK	0	189,7	4,75E+08	24	5	5	4	17	11.2	70,259	A0A114LQ74;A0A113HHP9;A0A11H3	A0A114LQ74;A0A113HHP9;A0A11H3L8	331	-0.08	0.00022	
6.67E+06	8.96E+06	6.73E+06	0.00E+00	5.79E+06	1.43E+07	1.47E+07	6.15E+06	1.11E+07	1.46E+07	>tr A0A114LY25 A0A114LY25_9PROT	Nitrosomonas nitrosa	Thioredoxin	0	323,31	2,91E+09	63	4	4	4	14	38	12,074	A0A114LY25;A0A113K5R3;A0A11H3H	A0A114LY25	334	3.10	0.00008	
9.16E+05	1.44E+06	1.65E+06	6.86E+05	1.19E+06	5.24E+05	7.17E+05	1.29E+05	2.58E+05	0.00E+00	>tr A0A114N348 A0A114N348_9PROT	Nitrosomonas nitrosa	Polyketide cyclase / dehydrase and lipid trans	0	34,294	3,10E+08	11	4	4	4	3	27.9	19,103	A0A114N348;A0A113PH93;A0A11G	A0A114N348	347	4.17	0.03739	
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+06																							