

Accession	Description	Score	Coverage	# Proteins	# Unique Peptides	# Peptides	# PSMs	# AA1	MW [kDa]	calc. pI
Q3245	ATP synthase subunit d1 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpD1</i> PE-3 Sv+1) [ATPR_RH056]	184.21	46.11	11	11	58	194	15.7	50.7	9.07
Q3144	LigR-InvSensing protein B-0002 alpha chain OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpB</i> PE-3 Sv+1) [LH4_RH056]	88.37	39.66	6	6	30	58	4.9	39.9	5.30
Q3145	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpB</i> PE-3 Sv+1) [Q3145_RH056]	76.78	71.70	9	9	72	106	11.9	19.7	9.00
Q3146	LigR-InvSensing complex, beta subunit OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpB</i> PE-3 Sv+1) [Q3146_RH056]	76.72	47.66	2	2	3	35	5.1	5.5	6.51
Q3147	ATP synthase subunit alpha OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpA</i> PE-3 Sv+1) [ATPR_RH056]	65.59	65.59	10	10	48	104	10.4	10.4	10.40
Q3148	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpA</i> PE-3 Sv+1) [Q3148_RH056]	63.91	48.45	4	4	8	33	9.7	10.8	4.88
Q3149	ATP synthase subunit 2 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atp2</i> PE-3 Sv+1) [ATPR_RH056]	63.96	46.67	1	9	9	32	18.0	18.7	5.00
Q3150	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atp2</i> PE-3 Sv+1) [Q3150_RH056]	55.67	77.78	8	8	30	90	16.1	16.1	6.55
Q3117	Cytochrome b5 hemoprotein form 1 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>cytB5</i> PE-3 Sv+1) [Q3117_RH056]	49.63	12.87	1	2	14	109	12.9	13.17	5.17
P1402	Intrinsic membrane protein PufX OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>pufX</i> PE-3 Sv+1) [PufX_RH056]	40.44	25.61	2	2	32	62	8.0	9.04	9.54
Q3151	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>pufX</i> PE-3 Sv+1) [Q3151_RH056]	39.19	36.47	3	3	3	19	136	15.4	9.29
Q3152	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>pufX</i> PE-3 Sv+1) [Q3152_RH056]	38.92	36.47	2	2	2	2	10	10	10.00
Q3153	5S ribosomal protein L25 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK25</i> PE-3 Sv+1) [Q3153_RH056]	34.04	71.53	7	7	22	68	7.6	10.03	10.03
Q3154	Sec translocase accessory complex subunit YacJ OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>yacJ</i> PE-3 Sv+1) [Q3154_RH056]	31.74	42.59	1	4	4	23	108	11.5	9.63
Q3155	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>yacJ</i> PE-3 Sv+1) [Q3155_RH056]	31.60	66.67	5	7	32	90	10.0	10.0	8.25
Q3187	Ni2+-sulfur oxidoreductase subunit C OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>nrkC</i> PE-3 Sv+1) [NRK_RH056]	30.11	12.87	1	2	14	109	12.9	13.17	5.17
Q3186	Reaction center protein H chain OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rpkH</i> PE-3 Sv+1) [RCRH_RH056]	29.26	15.91	5	5	27	308	34.5	64.4	6.64
Q3189	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rpkH</i> PE-3 Sv+1) [Q3189_RH056]	28.18	38.87	1	1	1	20	33	33	33.00
Q3145	LigR-InvSensing protein B-0002 beta chain OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpB</i> PE-3 Sv+1) [LH2_RH056]	23.98	58.82	3	4	16	53	8.4	5.67	5.67
Q3145	Reaction center protein L chain OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplL</i> PE-3 Sv+1) [RCL_RH056]	18.79	15.25	1	4	4	28	3.4	7.53	7.53
Q3123	ATP synthase subunit c OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpC</i> PE-3 Sv+1) [ATPR_RH056]	18.59	12.82	1	1	12	78	2.7	4.89	4.89
Q3195	ATP-dependent zinc metalloprotease Pf1 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpZ</i> PE-3 Sv+1) [Q3195_RH056]	14.77	62.36	3	3	8	62	68.5	5.92	5.92
Q3192	Cytochrome b-c1 subunit IV OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>cytbc</i> PE-4 Sv+1) [Q3192_RH056]	14.12	37.10	6	6	14	124	14.4	9.39	9.39
Q3193	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>cytbc</i> PE-4 Sv+1) [Q3193_RH056]	13.81	21.10	4	4	9	238	24.9	10.10	10.10
Q3193	ATP synthase subunit alpha OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpA</i> PE-3 Sv+1) [ATPR_RH056]	13.75	32.39	5	5	9	51	8.2	6.49	6.49
Q3193	5S ribosomal protein L11 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK11</i> PE-3 Sv+1) [R11_RH056]	13.35	46.21	2	2	2	73	8.1	9.09	9.09
Q3197	Native integral membrane protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rps8</i> PE-4 Sv+1) [Q3197_RH056]	12.21	22.22	4	4	9	126	14.2	10.61	10.61
Q3185	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rps8</i> PE-4 Sv+1) [Q3185_RH056]	11.56	34.69	4	4	12	147	16.1	10.11	10.11
Q3185	Sec-independent protein translocase protein YafB OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>yafB</i> PE-3 Sv+1) [YAFB_RH056]	11.56	34.69	4	4	12	147	16.1	10.11	10.11
Q3170	Reaction center protein H chain OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rpkH</i> PE-3 Sv+1) [RCRH_RH056]	11.08	38.85	7	7	33	200	28.0	30.3	30.3
Q3161	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rpkH</i> PE-3 Sv+1) [Q3161_RH056]	10.82	27.78	2	2	10	72	7.8	8.62	8.62
Q3162	5S ribosomal protein L2 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK2</i> PE-3 Sv+1) [R2_RH056]	10.60	11.25	2	2	2	2	3.9	9.99	9.99
Q3160	ATP synthase chain 0 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atp0</i> PE-3 Sv+1) [ATPR_RH056]	10.22	11.25	2	2	14	102	10.4	10.4	10.40
Q3127	Saccharate dehydrogenase subunit C OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>sdhC</i> PE-4 Sv+1) [Q3127_RH056]	10.16	26.77	4	4	10	127	14.3	7.44	7.44
Q3120	Ni2+-sulfur oxidoreductase subunit K OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>nrkK</i> PE-3 Sv+1) [Q3120_RH056]	10.39	14.71	2	2	2	102	10.6	10.6	10.61
Q3174	Sec-independent protein translocase protein YafB OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>yafB</i> PE-3 Sv+1) [Q3174_RH056]	9.83	24.29	5	5	18	70	7.5	8.57	8.57
Q3136	Sec-independent protein translocase protein YafB OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>yafB</i> PE-3 Sv+1) [Q3136_RH056]	9.83	24.29	5	5	18	70	7.5	8.57	8.57
Q3194	5S ribosomal protein L11 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK11</i> PE-3 Sv+1) [R11_RH056]	8.89	25.33	3	3	11	150	15.7	9.99	9.99
Q3194	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK11</i> PE-3 Sv+1) [Q3194_RH056]	8.78	34.86	1	1	1	5	16.2	16.2	16.21
Q3192	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK11</i> PE-3 Sv+1) [Q3192_RH056]	8.58	34.86	1	1	1	1	11.9	11.9	11.91
Q3198	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK11</i> PE-3 Sv+1) [Q3198_RH056]	8.54	35.96	3	3	3	15	10.3	7.42	7.42
Q3162	Integration host factor subunit beta OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>ihfB</i> PE-3 Sv+1) [IHF_RH056]	8.09	29.63	3	3	9	95	10.6	9.96	9.96
Q3154	Strigon regulator protein 01 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>str01</i> PE-3 Sv+1) [Q3154_RH056]	7.67	31.79	4	4	9	146	15.6	8.38	8.38
Q3194	Cytochrome c2 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>cytC2</i> PE-3 Sv+1) [CYC2_RH056]	7.57	33.79	4	4	9	146	15.6	8.38	8.38
Q3160	5S ribosomal protein L33 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK33</i> PE-3 Sv+1) [R33_RH056]	7.53	25.45	1	1	4	55	6.4	10.20	10.20
Q3160	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK33</i> PE-3 Sv+1) [Q3160_RH056]	7.50	25.41	2	2	2	19	3.2	3.57	3.57
Q3161	Native integral membrane protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rps20</i> PE-4 Sv+1) [Q3161_RH056]	7.32	24.61	3	3	14	54	16.8	10.00	10.00
Q3127	Saccharate dehydrogenase subunit C OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>sdhC</i> PE-4 Sv+1) [Q3127_RH056]	6.52	10.57	1	1	1	123	13.6	9.96	9.96
Q3146	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>sdhC</i> PE-4 Sv+1) [Q3146_RH056]	6.52	10.57	1	1	1	3	8.4	9.31	9.31
Q3195	Native integral membrane protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>sdhC</i> PE-4 Sv+1) [Q3195_RH056]	6.52	10.57	1	1	1	3	8.4	9.31	9.31
Q3198	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>sdhC</i> PE-4 Sv+1) [Q3198_RH056]	5.68	14.93	1	1	1	5	6.7	7.4	7.41
Q3183	Ni2+-sulfur oxidoreductase subunit I OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>nrkI</i> PE-3 Sv+1) [Q3183_RH056]	5.65	11.27	2	2	2	204	22.4	7.18	7.18
Q3184	Hydroxide effluxer 18 family OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>hfe18</i> PE-3 Sv+1) [Q3184_RH056]	5.38	26.6	3	3	8	136	8.82	8.82	8.82
Q3129	Ni2+-sulfur oxidoreductase subunit OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>nrk0</i> PE-3 Sv+1) [Q3129_RH056]	5.38	26.6	3	3	8	136	8.82	8.82	8.82
Q3141	ATP synthase subunit beta OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpB</i> PE-3 Sv+1) [ATPR_RH056]	5.42	9.47	3	3	5	475	50.4	4.98	4.98
Q3120	Acetyl-CoA acetyltransferase OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>acetylCoA</i> PE-3 Sv+1) [Q3120_RH056]	5.17	24.81	1	1	1	2	39.1	40.5	16.02
Q3174	Native integral membrane protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>atpB</i> PE-3 Sv+1) [Q3174_RH056]	4.67	24.81	1	1	1	2	39.1	40.5	16.02
Q3161	5S ribosomal protein L20 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK20</i> PE-3 Sv+1) [R20_RH056]	4.94	17.50	1	1	1	2	10.1	11.5	6.62
Q3127	Native conserved small protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rps32</i> PE-4 Sv+1) [Q3127_RH056]	4.82	17.33	1	1	2	76	6.8	11.58	11.58
Q3162	5S ribosomal protein L3 OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK3</i> PE-3 Sv+1) [R3_RH056]	4.70	17.74	2	2	4	66	6.6	10.97	10.97
Q3162	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK3</i> PE-3 Sv+1) [Q3162_RH056]	4.62	30.75	1	1	1	1	6.9	6.9	6.91
Q3162	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK3</i> PE-3 Sv+1) [Q3162_RH056]	4.42	14.77	2	2	2	3	14.9	15.7	15.71
Q3124	Uncharacterized protein OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>rplK3</i> PE-3 Sv+1) [Q3124_RH056]	4.31	14.95	1	1	1	1	10.7	12.2	4.88
Q3181	Ni2+-sulfur oxidoreductase subunit A OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>nrkA</i> PE-3 Sv+1) [Q3181_RH056]	4.29	14.95	1	1	1	1	14.9	15.2	4.88
Q3160	Ironin transporter OS-Rhodospirillum rubrum (strain ATCC 17023 / 2.4.1 / NCBI 8253 / DSM 158) OX-27294 (Gn- <i>r</i>									