

Species	Protein	Unique Identifier	Data source	TargetP prediction
<i>Desulfovibrio vulgaris</i>	Dvu_FBPaseI	A1VD23	UniProt	–
<i>Anabaena variabilis</i>	Ava_FBPaseI	Q3MCI4	UniProt	–
<i>Bigelowiella natans</i>	Bna_cyFBPase	92362	https://genome.jgi.doe.gov/Bigna1/Bigna1.home.html	Any other location
<i>Galdieria sulphuraria</i>	Gsu_cyFBPase	XP_005709391.1	NCBI	Any other location
<i>Cyanidioschyzon merolae</i>	Cme_cyFBPase	XP_005535415.1	NCBI	Any other location
<i>Porphyra umbilicalis</i>	Pum_cyFBPase	Pum0229s0029.1.p	Phytozome	Any other location
<i>Porphyra umbilicalis</i>	Pum_cyFBPase	Pum0654s0006.1.p	Phytozome	Any other location
<i>Cyanidioschyzon merolae</i>	Cme_cyFBPase	XP_005537806.1	NCBI	Any other location
<i>Galdieria sulphuraria</i>	Gsu_cyFBPase	XP_005707946.1	NCBI	Any other location
<i>Porphyra umbilicalis</i>	Pum_cyFBPase	OSX71615.1	NCBI	Any other location
<i>Chondrus crispus</i>	Ccr_cyFBPase	XP_005712315.1	NCBI	Any other location
<i>Porphyridium purpureum</i>	Ppu_cyFBPase	contig_3402.5	http://cyanophora.rutgers.edu/porphyridium/	Any other location
<i>Ostreococcus tauri</i>	Ota_cyFBPase	XP_003080995.2	NCBI	Any other location
<i>Ostreococcus lucimarinus</i>	Olu_cyFBPase	XP_001419675.1	NCBI	Mitochondrion
<i>Ostreococcus</i> sp. RCC809	Osp_cyFBPase	59046	https://genome.jgi.doe.gov/OstRCC809_2/OstRCC809_2.home.html	Mitochondrion
<i>Bathycoccus prasinus</i>	Bpr_cyFBPase	XP_007510822.1	NCBI	Any other location
<i>Micromonas commoda</i> RCC 299	Mco_cyFBPase	XP_002506051.1	NCBI	Any other location
<i>Micromonas pusilla</i> CCMP 1545	Mpu_cyFBPase	XP_003057094.1	NCBI	Chloroplast
<i>Cyanophora paradoxa</i>	Cpa_cyFBPase	Contig11350-abinit-gene-0.1	http://cyanophora.rutgers.edu/cyanophora/	Any other location
<i>Arabidopsis thaliana</i>	Ath_cyFBPase	NP_175032.1	NCBI	Any other location
<i>Fragaria x ananassa</i>	Fan_cyFBPase	ABW38332.1	NCBI	Any other location
<i>Marchantia polymorpha</i>	Mpo_cyFBPase	Mapoly0005s0291.2.p	Phytozome	Any other location

<i>Marchantia polymorpha</i>	Mpo_cyFBPase	Mapoly0005s0291.1.p	Phytozome	Any other location
<i>Physcomitrella patens</i>	Ppa_cyFBPase	Pp3c3_1090V3.1.p	Phytozome	Any other location
<i>Physcomitrella patens</i>	Ppa_cyFBPase	Pp3c13_1900V3.1.p	Phytozome	Any other location
<i>Selaginella moellendorffii</i>	Smo_cyFBPase	D8RRD1	UniProt	Any other location
<i>Selaginella moellendorffii</i>	Smo_cyFBPase	D8SBY7	UniProt	Any other location
<i>Selaginella moellendorffii</i>	Smo_cyFBPase	D8QTD0	UniProt	Any other location
<i>Auxenochlorella protothecoides</i>	Apr_cyFBPase	XP_011400401.1	NCBI	Any other location
<i>Picochlorum</i> sp. SENEW3	Psp_cyFBPase	XP_002948170.1	NCBI	Any other location
<i>Chlorella variabilis</i> NC64A	Cva_cyFBPase	XP_005845821.1	NCBI	Any other location
<i>Chlorella sorokiniana</i> str. 1228	Cso1228_cyFBPase	CSI_122800009552-RA	Greenhouse	Any other location
<i>Chlorella sorokiniana</i> UTEX 1230	Cso1230_cyFBPase	CSI2_123000008062-RA	Greenhouse	Any other location
<i>Chlorella sorokiniana</i> DOE1412	Cso1412_cyFBPase	CSJ00003447-RA	Greenhouse	Any other location
<i>Bigelowiella natans</i>	Bna_cyFBPase	85805	https://genome.jgi.doe.gov/Bigna1/Bigna1.home.html	Any other location
<i>Euglena gracilis</i>	Egr_cyFBPase	ABF68600.1	NCBI	Secretory pathway
<i>Euglena gracilis</i>	Egr_cyFBPase	BAU20292.1	NCBI	Chloroplast
<i>Phaeodactylum tricorutum</i>	Ptr_cyFBPase	23247	https://genome.jgi.doe.gov/Phatr2/Phatr2.home.html	Any other location
<i>Thalassiosira oceanica</i>	Toc_cyFBPase	EJK72926.1	NCBI	Mitochondrion
<i>Ectocarpus siliculosus</i>	Esi_cpFBPase2	CBN75354.1	NCBI	Chloroplast
<i>Phaeodactylum tricorutum</i>	Ptr_cpFBPase2	31994	https://genome.jgi.doe.gov/Phatr2/Phatr2.home.html	Any other location
<i>Thalassiosira oceanica</i>	Toc_cpFBPase2	EJK67142.1	NCBI	Mitochondrion
<i>Ectocarpus siliculosus</i>	Esi_cpFBPase2	CBN77737.1	NCBI	Mitochondrion
<i>Euglena gracilis</i>	Egr_cpFBPase2	BAU20291.1	NCBI	Chloroplast
<i>Bigelowiella natans</i>	Bna_cpFBPase2	38456	https://genome.jgi.doe.gov/Bigna1/Bigna1.home.html	Any other location
<i>Porphyridium purpureum</i>	Ppu_cpFBPase2	contig_3490.10	http://cyanophora.rutgers.edu/porphyridium/	Chloroplast
<i>Bathycoccus prasinos</i>	Bpr_cpFBPase2	XP_007512791.1	NCBI	Any other location
<i>Micromonas pusilla</i> CCMP 1545	Mpu_cpFBPase2	XP_003063661.1	NCBI	Chloroplast
<i>Micromonas commoda</i> RCC 299	Mco_cpFBPase2	XP_002499881.1	NCBI	Chloroplast

<i>Ostreococcus</i> sp. RCC809	Osp_cpFBPase2	32079	https://genome.jgi.doe.gov/OstRCC809_2/OstRCC809_2.home.html	Mitochondrion
<i>Ostreococcus lucimarinus</i>	Olu_cpFBPase2	XP_001417955.1	NCBI	Mitochondrion
<i>Ostreococcus tauri</i>	Ota_cpFBPase2	XP_022838959.1	NCBI	Any other location
<i>Marchantia polymorpha</i>	Mpo_cpFBPase2	Mapoly0066s0105.1.p	Phytozome	Chloroplast
<i>Selaginella moellendorffii</i>	Smo_cpFBPase2	D8RVB3	UniProt	Secretory pathway
<i>Physcomitrella patens</i>	Ppa_cpFBPase2	Pp3c18_4950V3.1.p	Phytozome	Chloroplast
<i>Physcomitrella patens</i>	Ppa_cpFBPase2	Pp3c22_22950V3.1.p	Phytozome	Chloroplast
<i>Physcomitrella patens</i>	Ppa_cpFBPase2	Pp3c24_11070V3.1.p	Phytozome	Any other location
<i>Fragaria x ananassa</i>	Fan_cpFBPase2	ABW38331.1	NCBI	Chloroplast
<i>Arabidopsis thaliana</i>	Ath_cpFBPase2	NP_201243.1	NCBI	Mitochondrion
<i>Chromochloris zofingiensis</i>	Czo_cpFBPase2	Cz01g04250.t1	Phytozome	Chloroplast
<i>Cyanidioschyzon merolae</i>	Cme_cpFBPase1	XP_005537627.1	NCBI	Chloroplast
<i>Galdieria sulphuraria</i>	Gsu_cpFBPase1	XP_005703487.1	NCBI	Chloroplast
<i>Galdieria sulphuraria</i>	Gsu_cpFBPase1	XP_005703442.1	NCBI	Any other location
<i>Porphyra umbilicalis</i>	Pum_cpFBPase1	OSX71660.1	NCBI	Chloroplast
<i>Porphyra umbilicalis</i>	Pum_cpFBPase1	OSX75977.1	NCBI	Chloroplast
<i>Chondrus crispus</i>	Ccr_cpFBPase1	XP_005713305.1	NCBI	Chloroplast
<i>Porphyridium purpureum</i>	Ppu_cpFBPase1	contig_3540.6	http://cyanophora.rutgers.edu/porphyridium/	Any other location
<i>Ectocarpus siliculosus</i>	Esi_cpFBPase1	CBN74703.1	NCBI	Chloroplast
<i>Ectocarpus siliculosus</i>	Esi_cpFBPase1	CBN76290.1	NCBI	Chloroplast
<i>Phaeodactylum tricornerutum</i>	Ptr_cpFBPase1	2793	https://genome.jgi.doe.gov/Phatr2/Phatr2.home.html	Any other location
<i>Thalassiosira oceanica</i>	Toc_cpFBPase1	EJK50041.1	NCBI	Mitochondrion
<i>Phaeodactylum tricornerutum</i>	Ptr_cpFBPase1	9359	https://genome.jgi.doe.gov/Phatr2/Phatr2.home.html	Any other location
<i>Phaeodactylum tricornerutum</i>	Ptr_cpFBPase1	8744	https://genome.jgi.doe.gov/Phatr2/Phatr2.home.html	Any other location
<i>Euglena gracilis</i>	Egr_cpFBPase1	ABF68597.1	NCBI	Any other location
<i>Bigelowiella natans</i>	Bna_cpFBPase1	51585	https://genome.jgi.doe.gov/Bigna1/Bigna1.home.html	Mitochondrion
<i>Cyanophora paradoxa</i>	Cpa_cpFBPase1	Contig53396-snap-gene-0.1	http://cyanophora.rutgers.edu/cyanophora/	Chloroplast

<i>Micromonas commoda</i> RCC 299	Mco_cpFBPase1	XP_002505568.1	NCBI	Chloroplast
<i>Micromonas commoda</i> RCC 299	Mco_cpFBPase1	XP_002505565.1	NCBI	Chloroplast
<i>Micromonas pusilla</i> CCMP 1545	Mpu_cpFBPase1	XP_003056260.1	NCBI	Chloroplast
<i>Micromonas pusilla</i> CCMP 1545	Mpu_cpFBPase1	XP_003063679.1	NCBI	Chloroplast
<i>Bathycoccus prasinus</i>	Bpr_cpFBPase1	XP_007509936.1	NCBI	Chloroplast
<i>Ostreococcus</i> sp. RCC809	Osp_cpFBPase1	43222	https://genome.jgi.doe.gov/OstRCC809_2/OstRCC809_2.home.html	Mitochondrion
<i>Ostreococcus lucimarinus</i>	Olu_cpFBPase1	XP_001422674.1	NCBI	Any other location
<i>Ostreococcus tauri</i>	Ota_cpFBPase1	XP_003082905.2	NCBI	Mitochondrion
<i>Ostreococcus lucimarinus</i>	Olu_cpFBPase1	XP_001416538.1	NCBI	Chloroplast
<i>Ostreococcus tauri</i>	Ota_cpFBPase1	XP_003077945.1	NCBI	Mitochondrion
<i>Ostreococcus</i> sp. RCC809	Osp_cpFBPase1	54446	https://genome.jgi.doe.gov/OstRCC809_2/OstRCC809_2.home.html	Chloroplast
<i>Bathycoccus prasinus</i>	Bpr_cpFBPase1	XP_007509205.1	NCBI	Chloroplast
<i>Auxenochlorella protothecoides</i>	Apr_cpFBPase1	XP_011398191.1	NCBI	Chloroplast
<i>Picochlorum</i> sp. SENEW3	Psp_cpFBPase1	3559	https://genome.jgi.doe.gov/Picsp_1/Picsp_1.home.html	Chloroplast
<i>Chlorella variabilis</i> NC64A	Cva_cpFBPase1	XP_005848342.1	NCBI	Chloroplast
<i>Chlorella sorokiniana</i> str. 1228	Cso1228_cpFBPase1	CSI_122800007620-RA	Greenhouse	Any other location
<i>Chlorella sorokiniana</i> UTEX 1230	Cso1230_cpFBPase1	CSI2_123000004721-RA	Greenhouse	Chloroplast
<i>Chlorella sorokiniana</i> DOE1412	Cso1412_cpFBPase1	CSJ00005697-RA	Greenhouse	Chloroplast
<i>Chlamydomonas reinhardtii</i>	Cre_cpFBPase1	XP_001690872.1	NCBI	Chloroplast
<i>Volvox carteri</i>	Vca_cpFBPase1	XP_002948170.1	NCBI	Chloroplast
<i>Dunaliella salina</i>	Dsa_cpFBPase1	Dusal.0106s00008.1.p	Phytozome	Chloroplast
<i>Chromochloris zofingiensis</i>	Czo_cpFBPase1	Cz04g03070.t1	Phytozome	Chloroplast
<i>Monoraphidium neglectum</i>	Mne_cpFBPase1	XP_013899573.1	NCBI	Chloroplast
<i>Selaginella moellendorffii</i>	Smo_cpFBPase1	D8RW89	UniProt	Chloroplast
<i>Physcomitrella patens</i>	Ppa_cpFBPase1	Pp3c7_15760V3.1.p	Phytozome	Chloroplast
<i>Physcomitrella patens</i>	Ppa_cpFBPase1	Pp3c19_12890V3.1.p	Phytozome	Chloroplast
<i>Marchantia polymorpha</i>	Mpo_cpFBPase1	Mapoly0047s0030.1.p	Phytozome	Chloroplast

<i>Arabidopsis thaliana</i>	Ath_cpFBPase1	NP_001190083.1	NCBI	Chloroplast
<i>Fragaria x ananassa</i>	Fan_cpFBPase1	ABW38330.1	NCBI	Chloroplast
