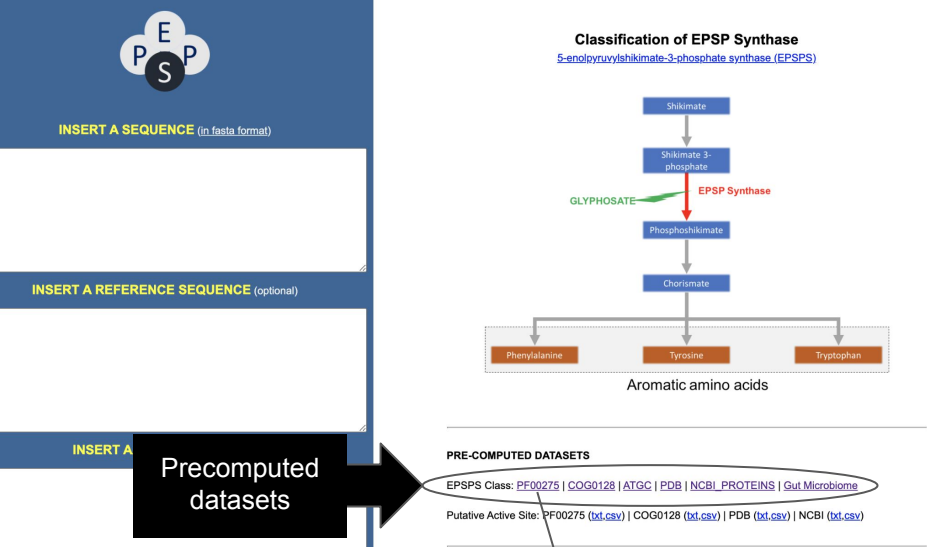


Figure 7



→ [p.puigbo.me/programs/EPSPSClass/PF00275.html](#)

Id	Class Ia (Identity)	Class Ib (Identity)	Class II (Identity)	Class III (domain etc)	Class IV (Identity)	Prediction	Length	Ch.Cb.CILCH.CIVN	Taxonomy
AA091BLJ2_9SPHN (AA091BLJ2)	0.760	0.833	1.000	0/18	0.367	Class II	447	0.0,1.0,0.0	Blattomonas sp. AAP25. Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Blattomonas.
AA094G8T8_SPEZI (AA094G8T8)	1.000	1.000	0.605	0/18	0.333	Class II	1581	1.1,0.0,0.0	Microascomycota; Ascomycota; Pezizomycotina; Sordariomycetes; Hypocreomycetidae; Microascales; Microascomycota; Sordariomycetes; Pezizomycotina; Sordariomycetes; Hypocreomycetidae; Microascales; Puccinia graminis f. sp. tritici (75-36-700-3 / race SCCL); Black stem rust fungus).
ESL1B95_PUCGT (ESL1B95)	0.800	0.778	0.526	0/18	0.300	Class II	1560	0.0,0.0,0.1	Eukaryota; Fungi; Dikarya; Ascomycota; Pezizomycotina; Pucciniales; Pucciniaceae; Puccinia.
AR0A_NITOC (AR0A_NITOC)	0.760	0.833	1.000	0/18	0.233	Class II	444	0.0,1.0,0.0	Nitrososphaera oceanica (strain ATCC 35061 / DSM 11849 / JCM 1077). Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Chromatiaceae; Nitrososphaera.
WORMS_9BACT (WORMS_9BACT)	0.760	0.833	1.000	0/18	0.367	Class II	418	0.0,1.0,0.0	Gemmatirosa kalamazooensis Bacteria; Gemmatirosales; Gemmatirosaceae; Gemmatirosa.
AA094P9B2_9ACTN (AA094P9B2)	0.960	0.889	0.500	0/18	0.367	Class II	418	0.0,1.0,0.1	Gemmatirosa kalamazooensis Bacteria; Gemmatirosales; Gemmatirosaceae; Gemmatirosa.
AA094P9B2_9ACTN (AA094P9B2)	0.960	0.889	0.500	0/18	0.367	Class II	418	0.0,1.0,0.1	Gemmatirosa kalamazooensis Bacteria; Gemmatirosales; Gemmatirosaceae; Gemmatirosa.
AA094P9B2_9ACTN (AA094P9B2)	0.960	0.889	0.500	0/18	0.367	Class II	418	0.0,1.0,0.1	Gemmatirosa kalamazooensis Bacteria; Gemmatirosales; Gemmatirosaceae; Gemmatirosa.
UZZ549_PSEAC (UZZ549)	0.360	0.556	0.342	0/18	0.367	Class II	418	0.0,1.0,0.1	Thalassiosira weissflogii (strain ATCC 35061 / DSM 11849 / JCM 1077). Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Chromatiaceae; Nitrososphaera.
CTD9Q_9RHOB (CTD9Q_9RHOB)	0.360	0.500	0.316	0/18	0.367	Class II	418	0.0,1.0,0.1	Thalassiosira weissflogii (strain ATCC 35061 / DSM 11849 / JCM 1077). Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Chromatiaceae; Nitrososphaera.
AR01_3CLSI (AR01_3CLSI)	1.000	1.000	0.579	0/18	0.367	Class II	418	0.0,1.0,0.1	Thalassiosira weissflogii (strain ATCC 35061 / DSM 11849 / JCM 1077). Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Chromatiaceae; Nitrososphaera.

**EPSPS Class prediction**

**Species and taxonomic information**