

Kanehisa M, Sato Y, Kawashima M, Furumichi M, Tanabe M 2016: KEGG as a reference resource for gene and protein annotation. *Nucleic. Acids Res.*, **44**, D457–462. doi:[10.1093/nar/gkv1070](https://doi.org/10.1093/nar/gkv1070)

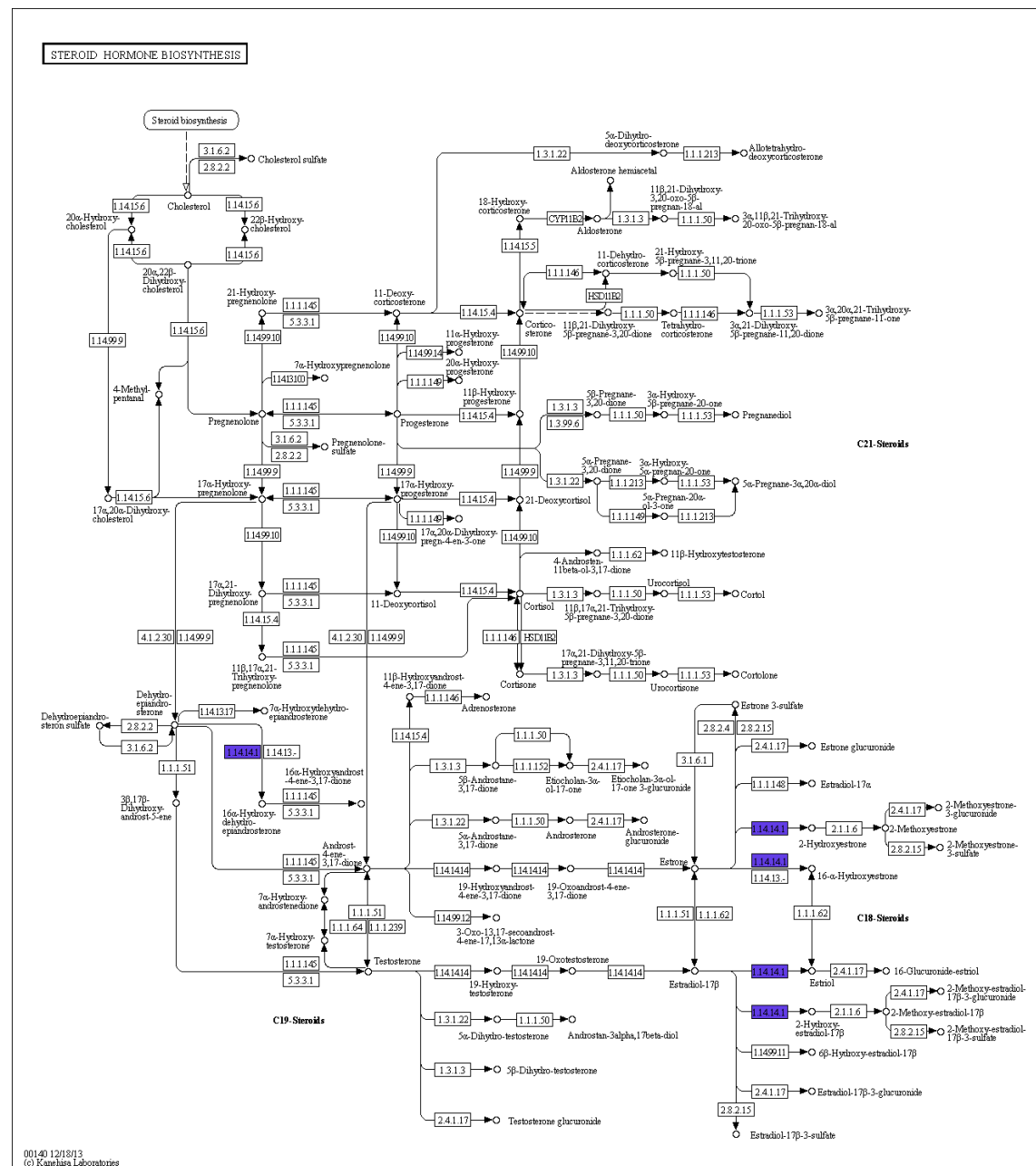


Image S1-image map00140. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Image S1-image map00627. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Ima. S1-image map00944

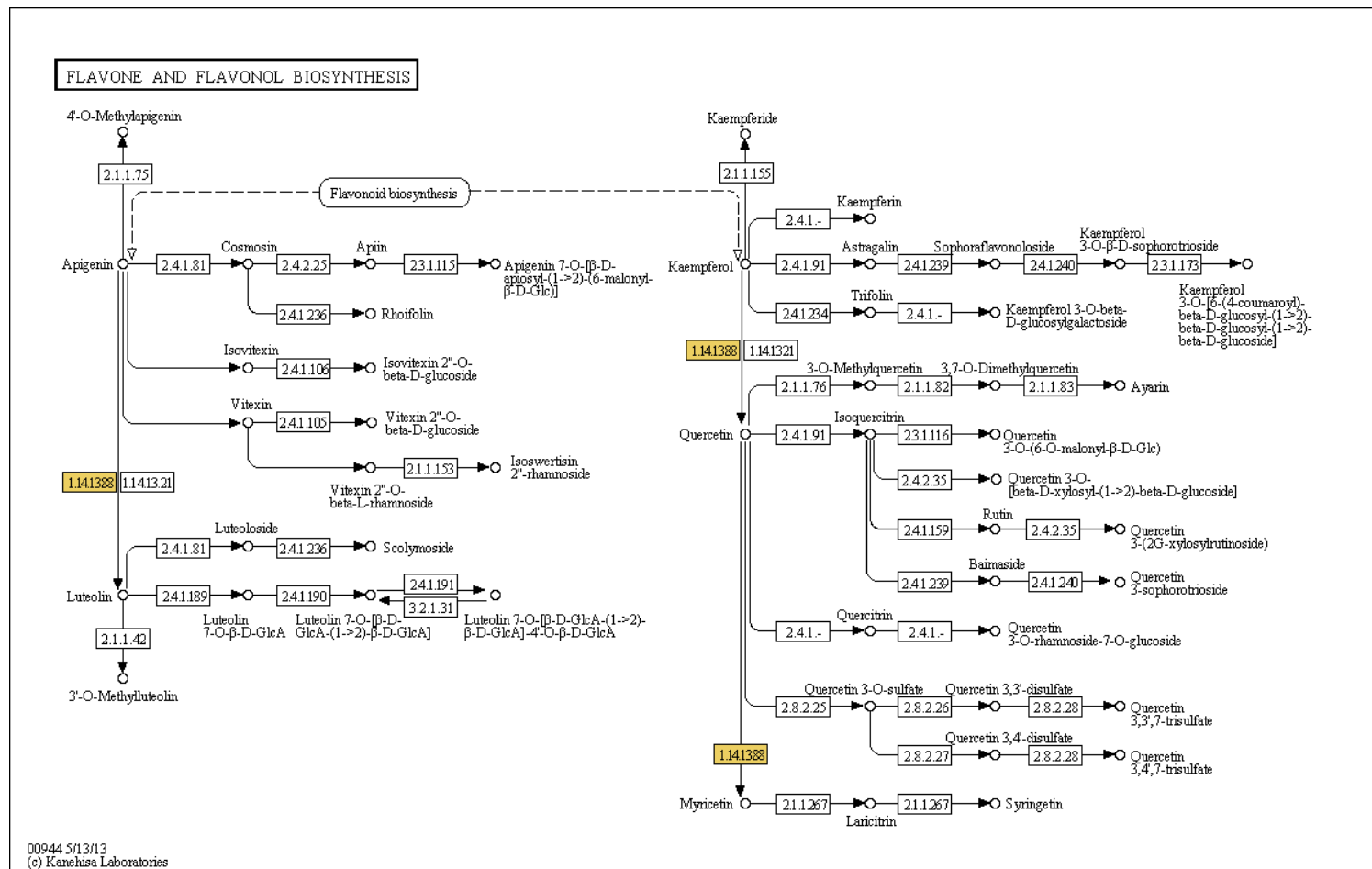


Image S1-image map00944. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Ima. S1-image map00943

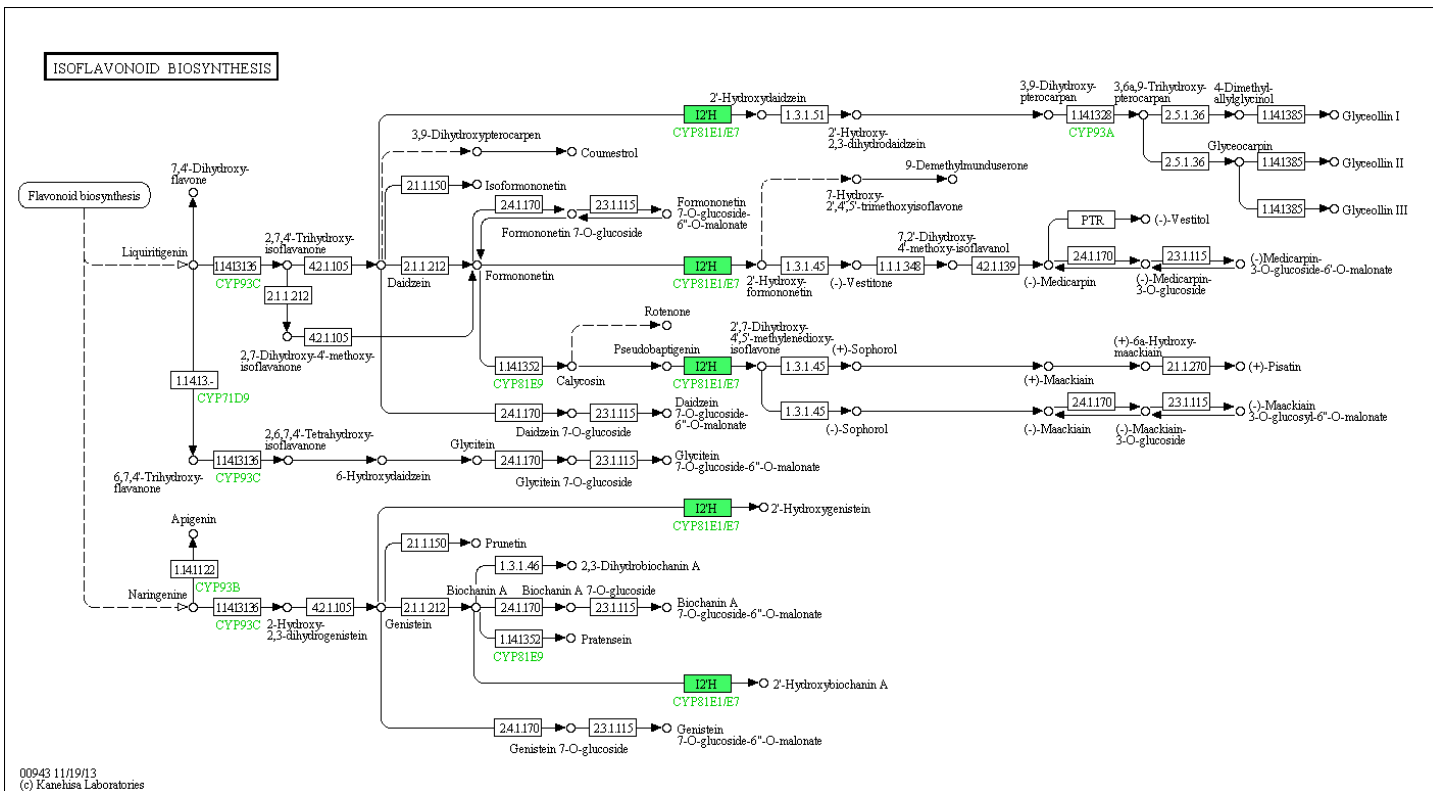


Image S1-image map00943. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

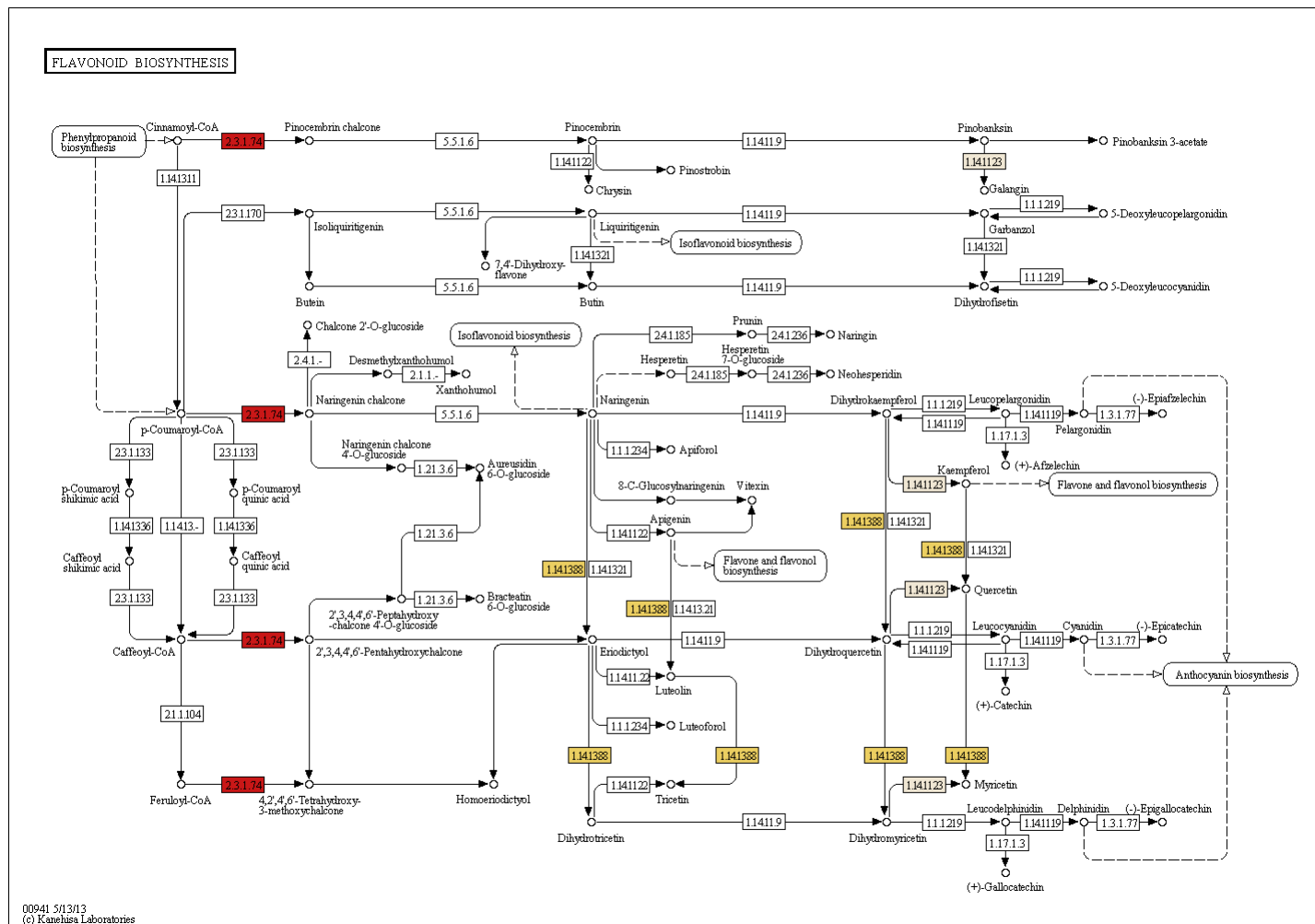


Image S1-image map00941. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

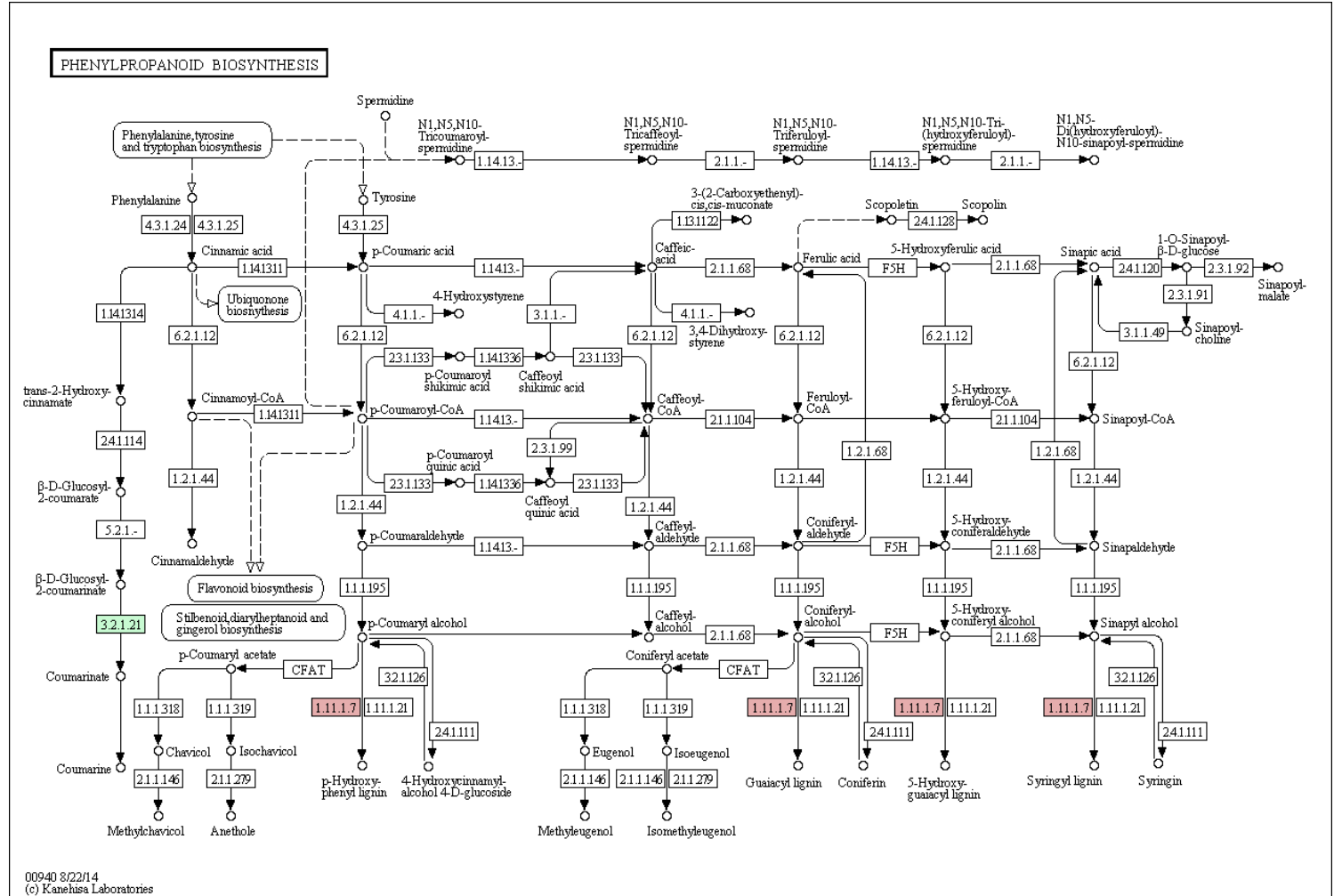


Image S1-image map00940. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

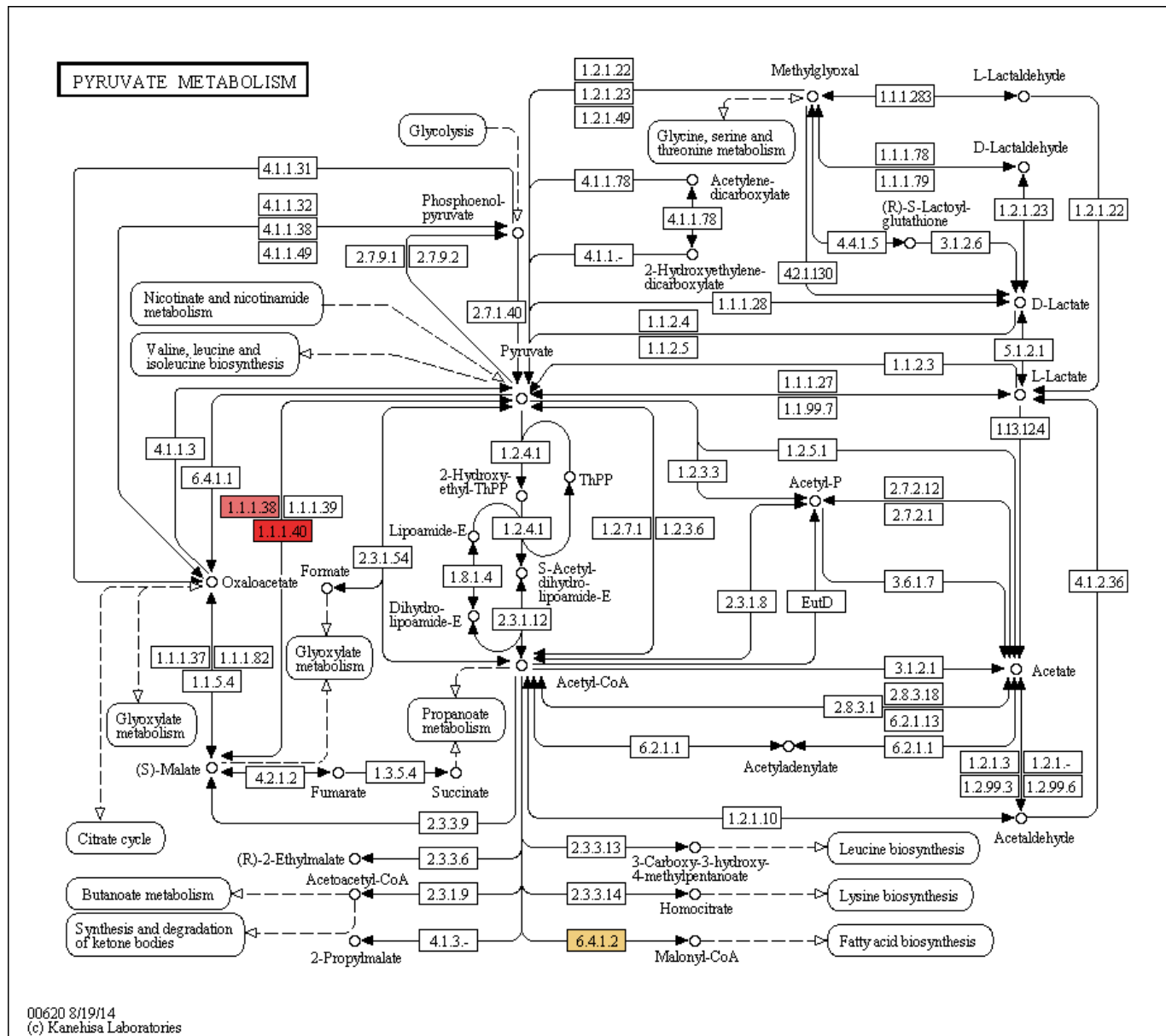


Image S1-image map00620. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

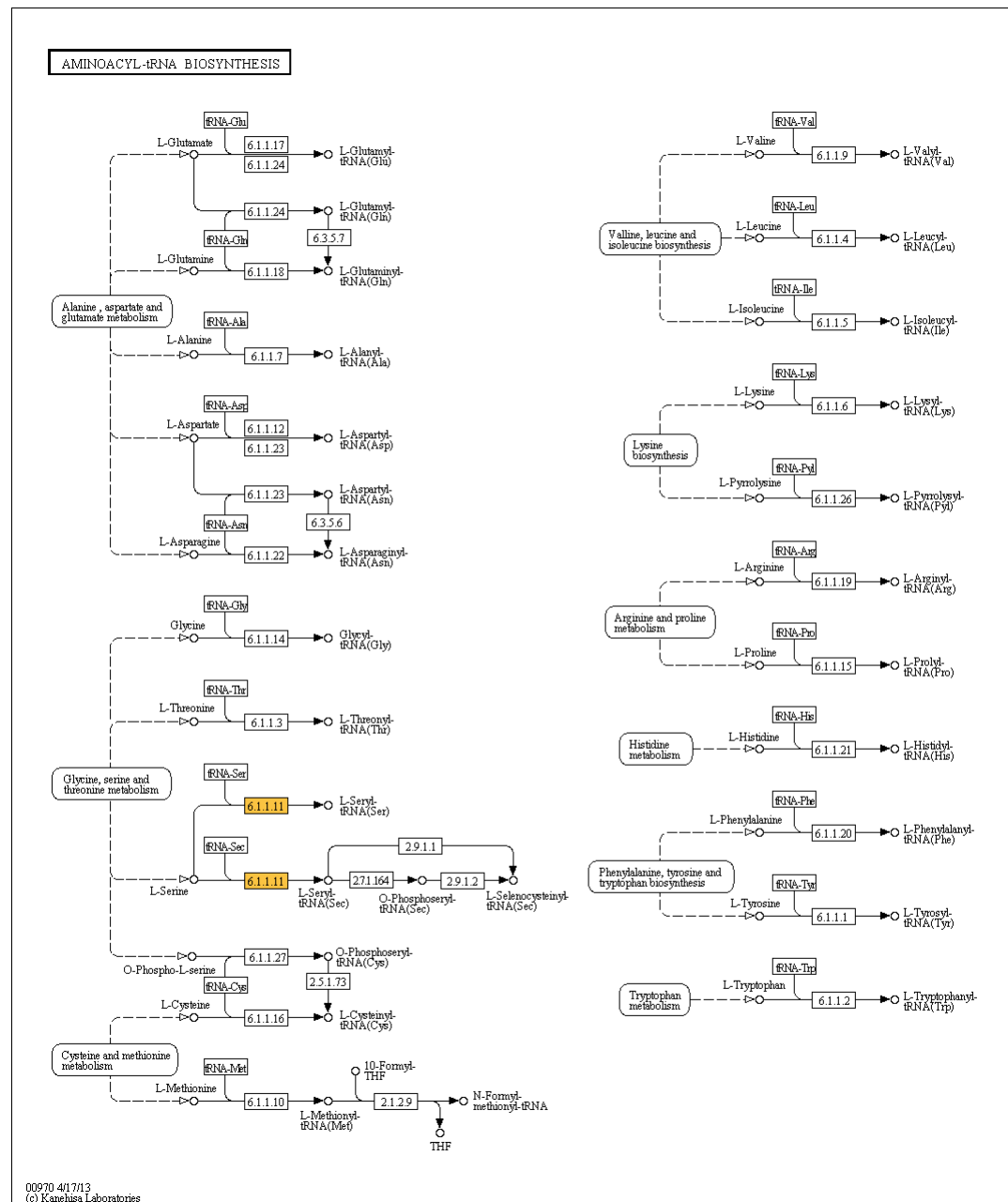


Image S1-image map00970. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

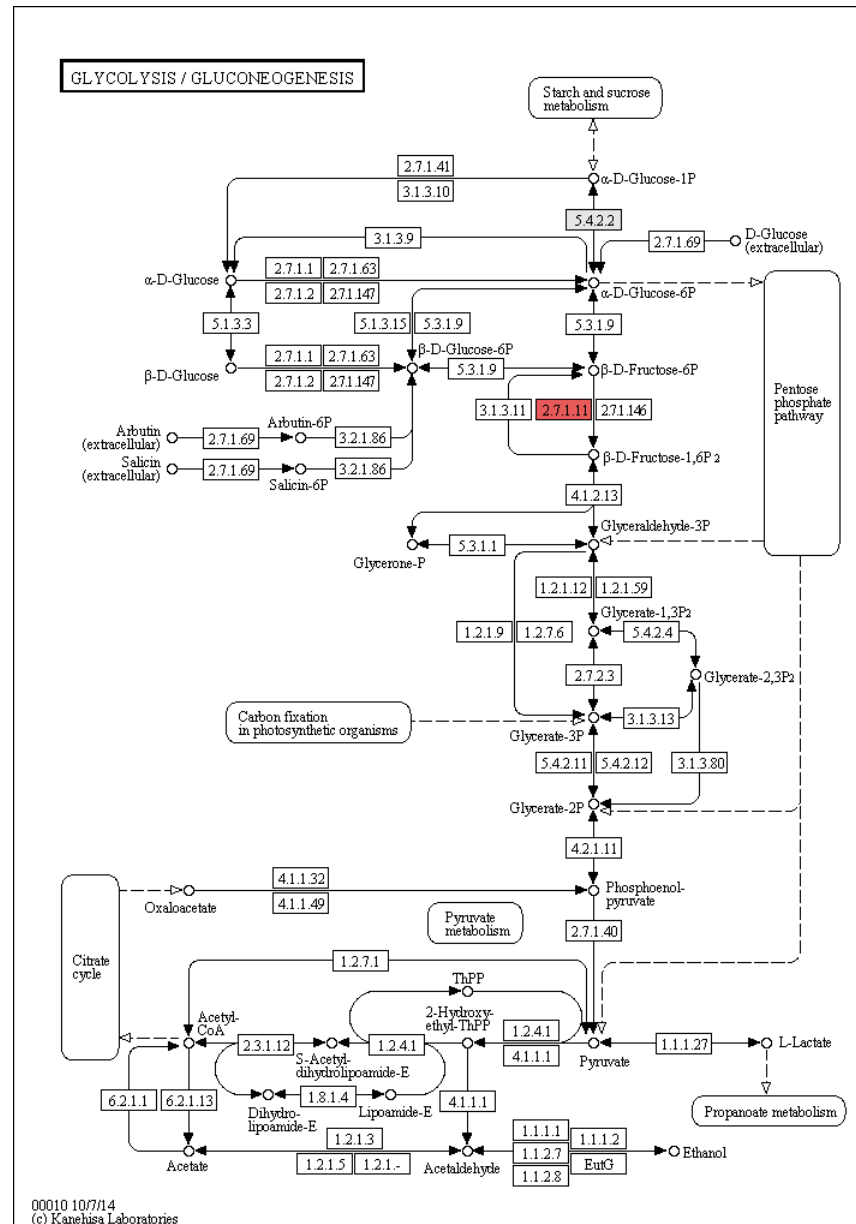
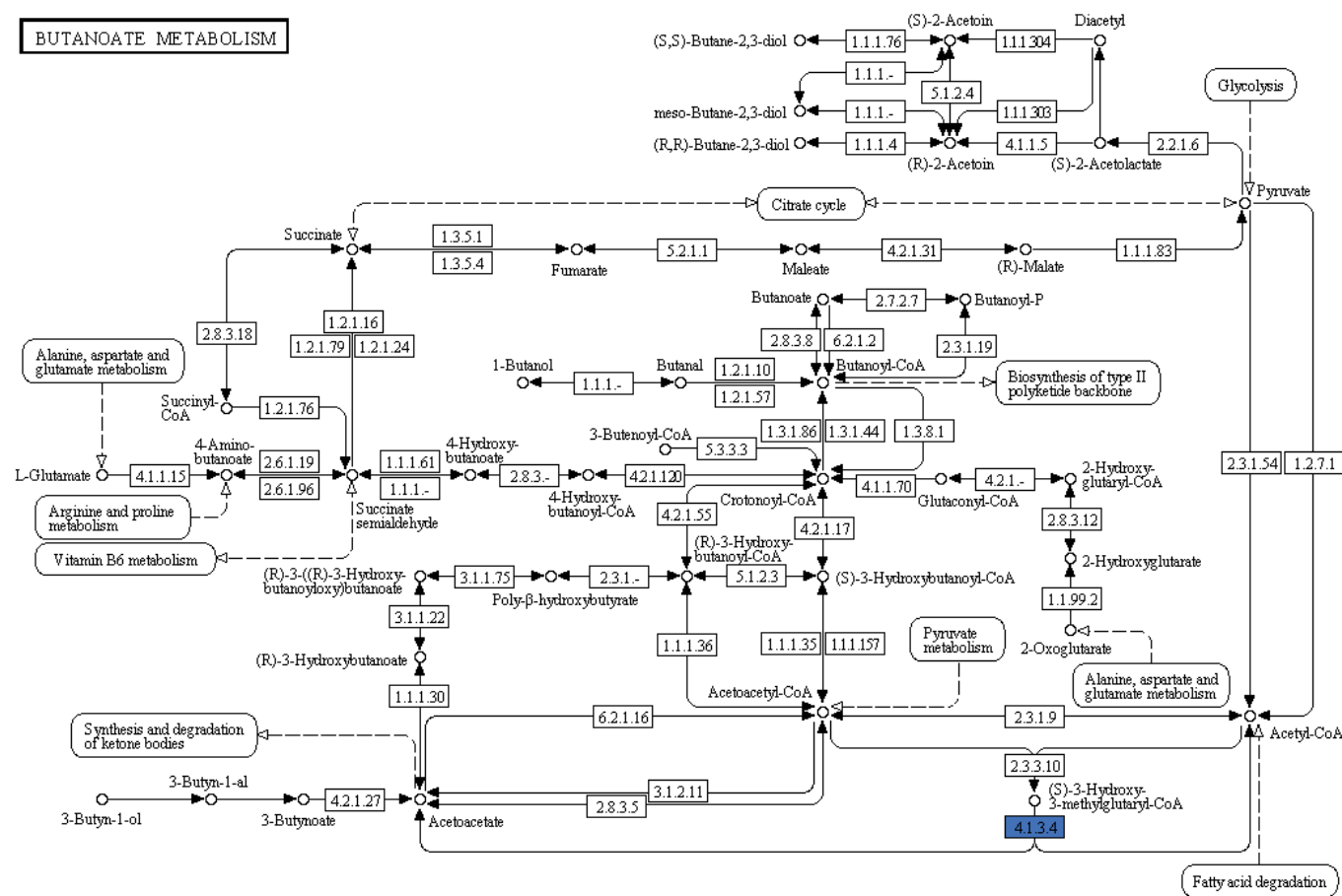


Image S1-image map00010. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).



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Image S1-image map00650. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

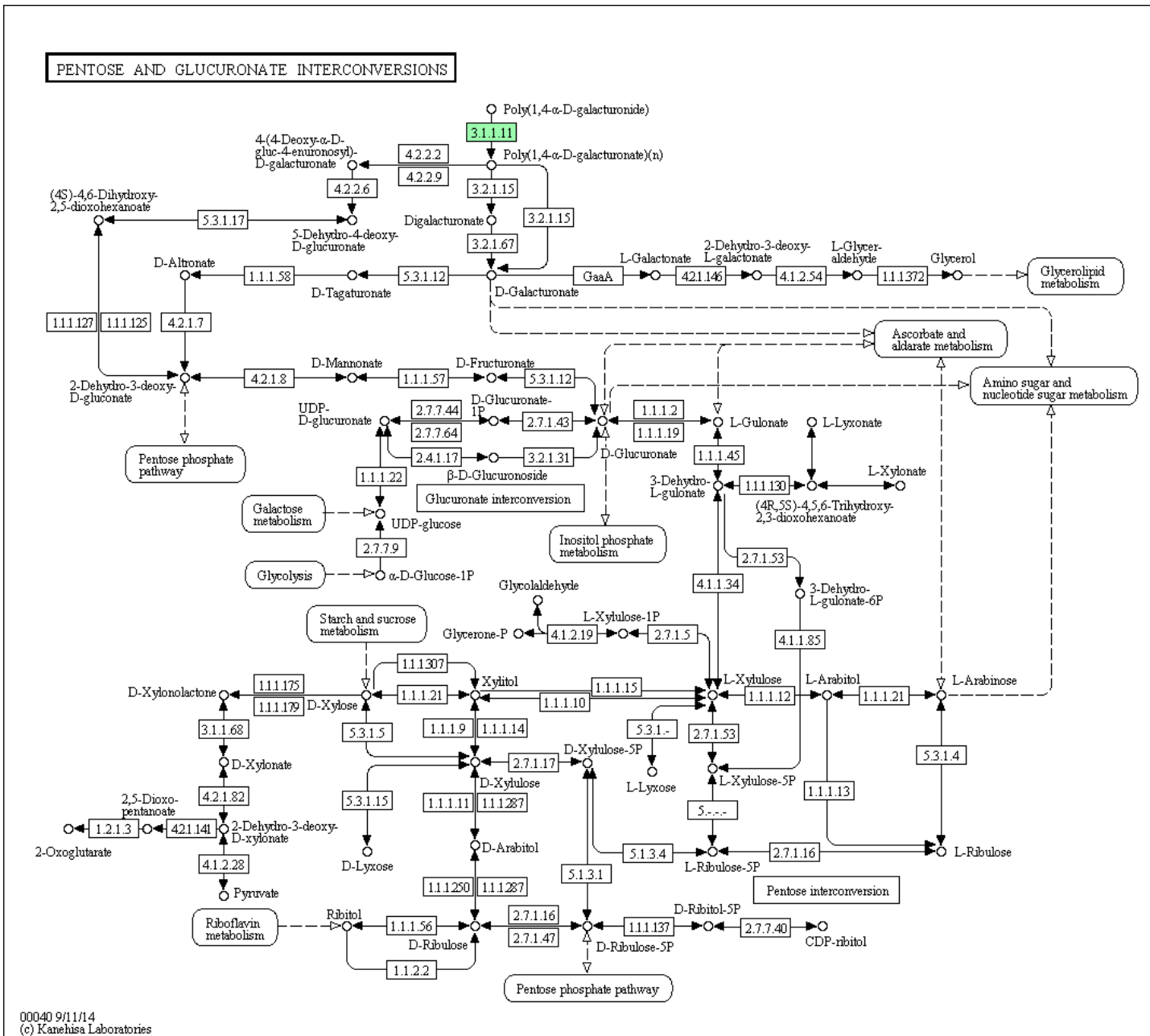


Image S1-image map00040. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

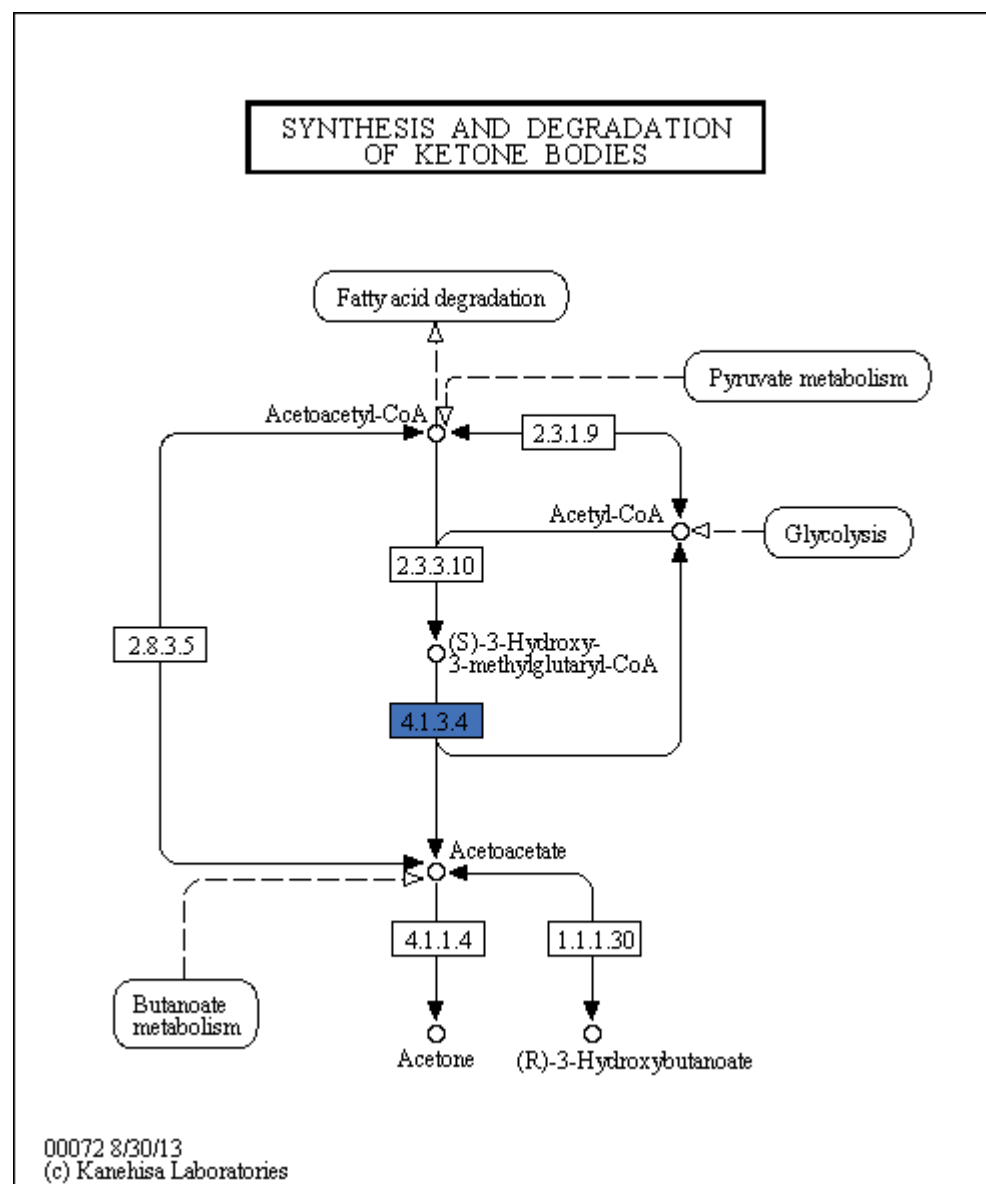


Image S1-image map00072. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

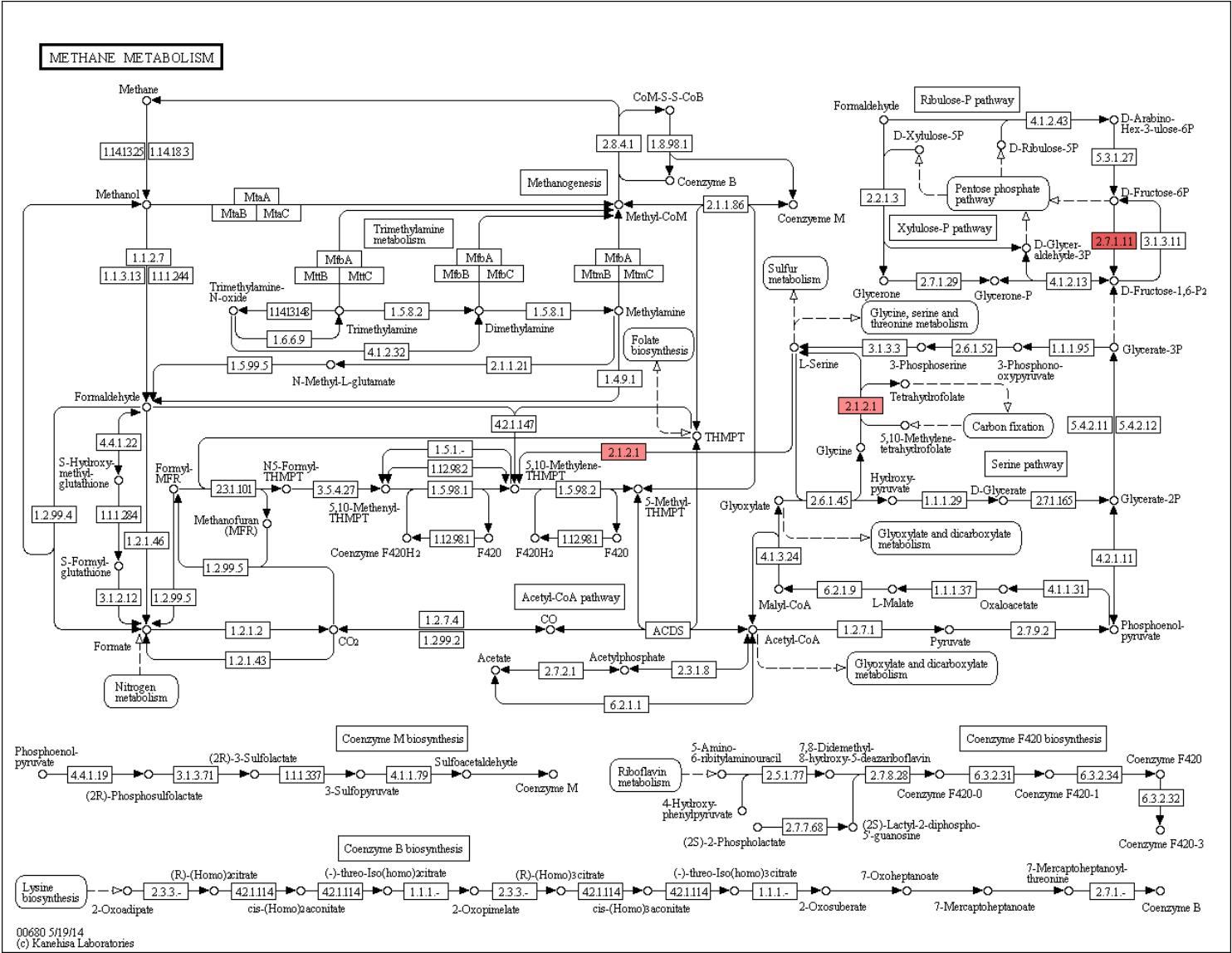


Image S1-image map00680. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

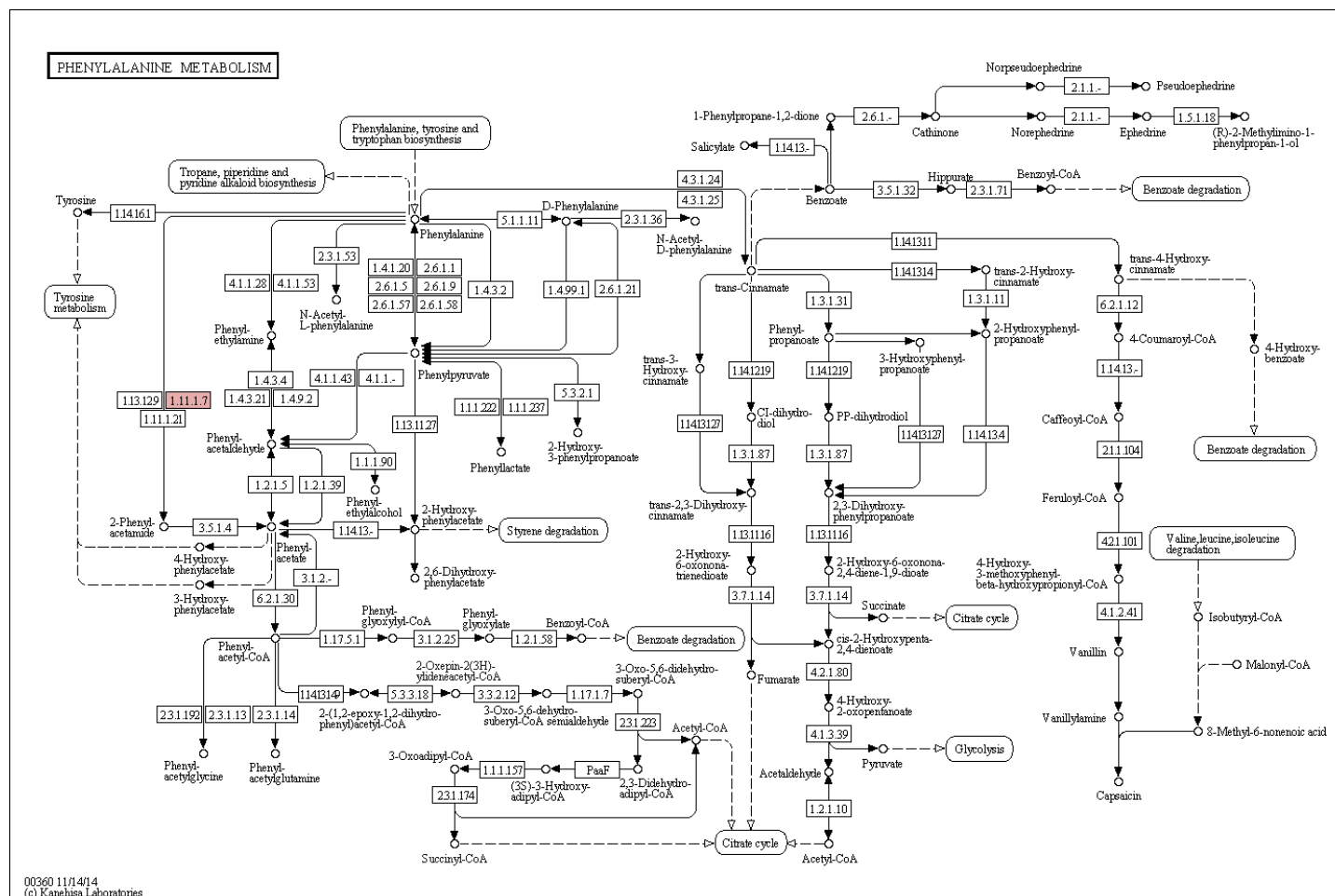


Image S1-image map00360. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

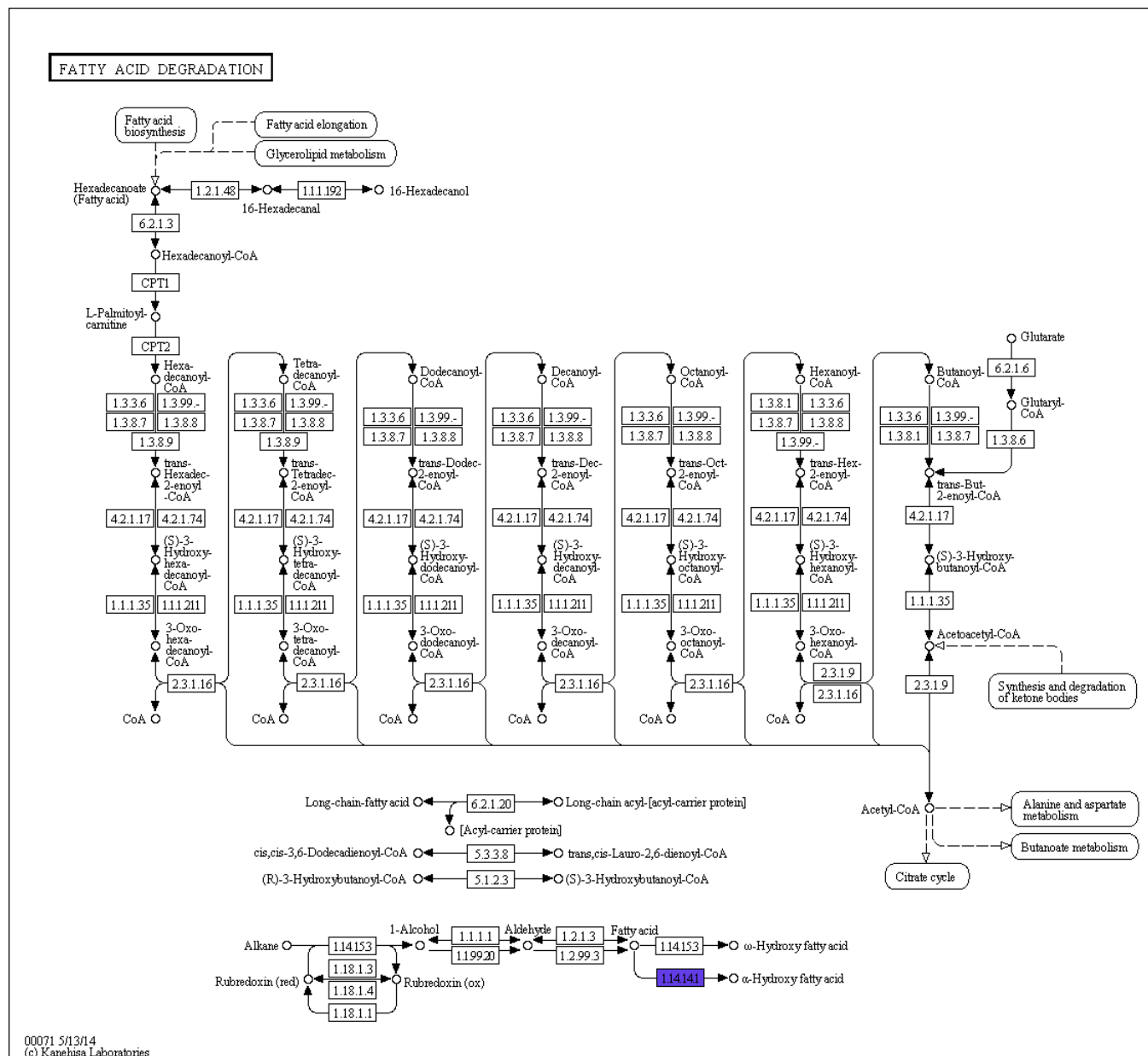


Image S1-image map00071. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Image S1-image map00521. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

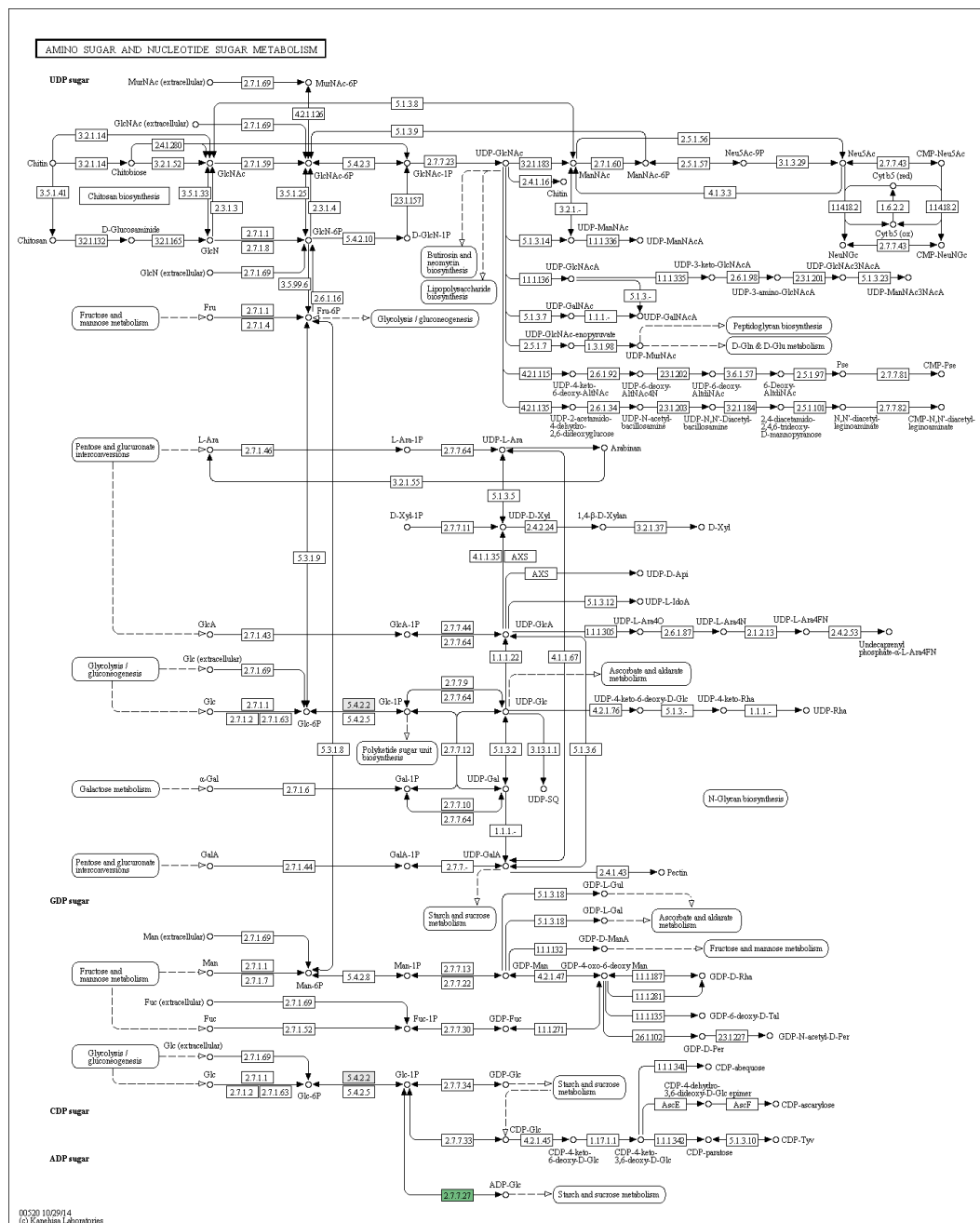


Image S1-image map00520. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

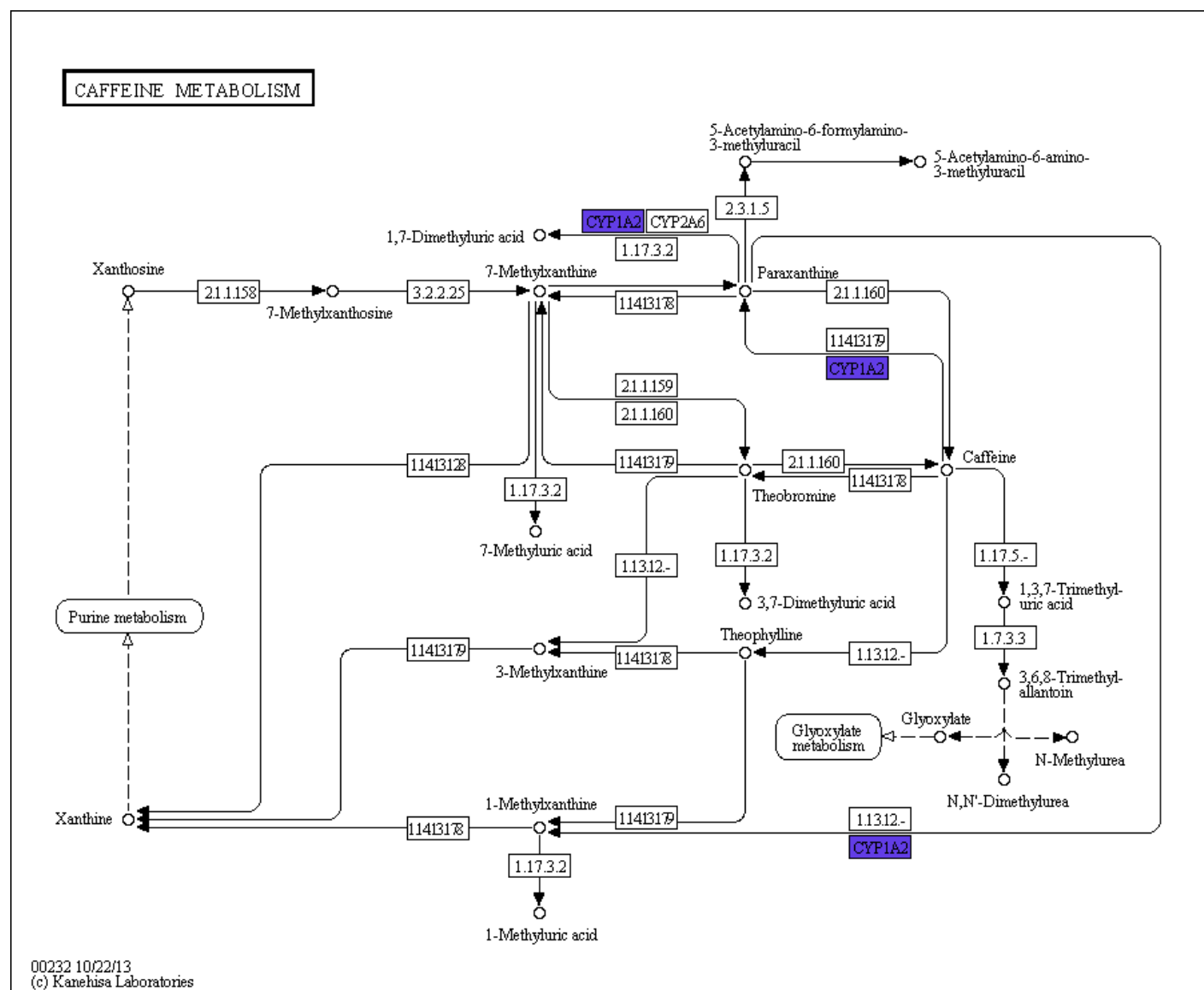


Image S1-image map00232. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

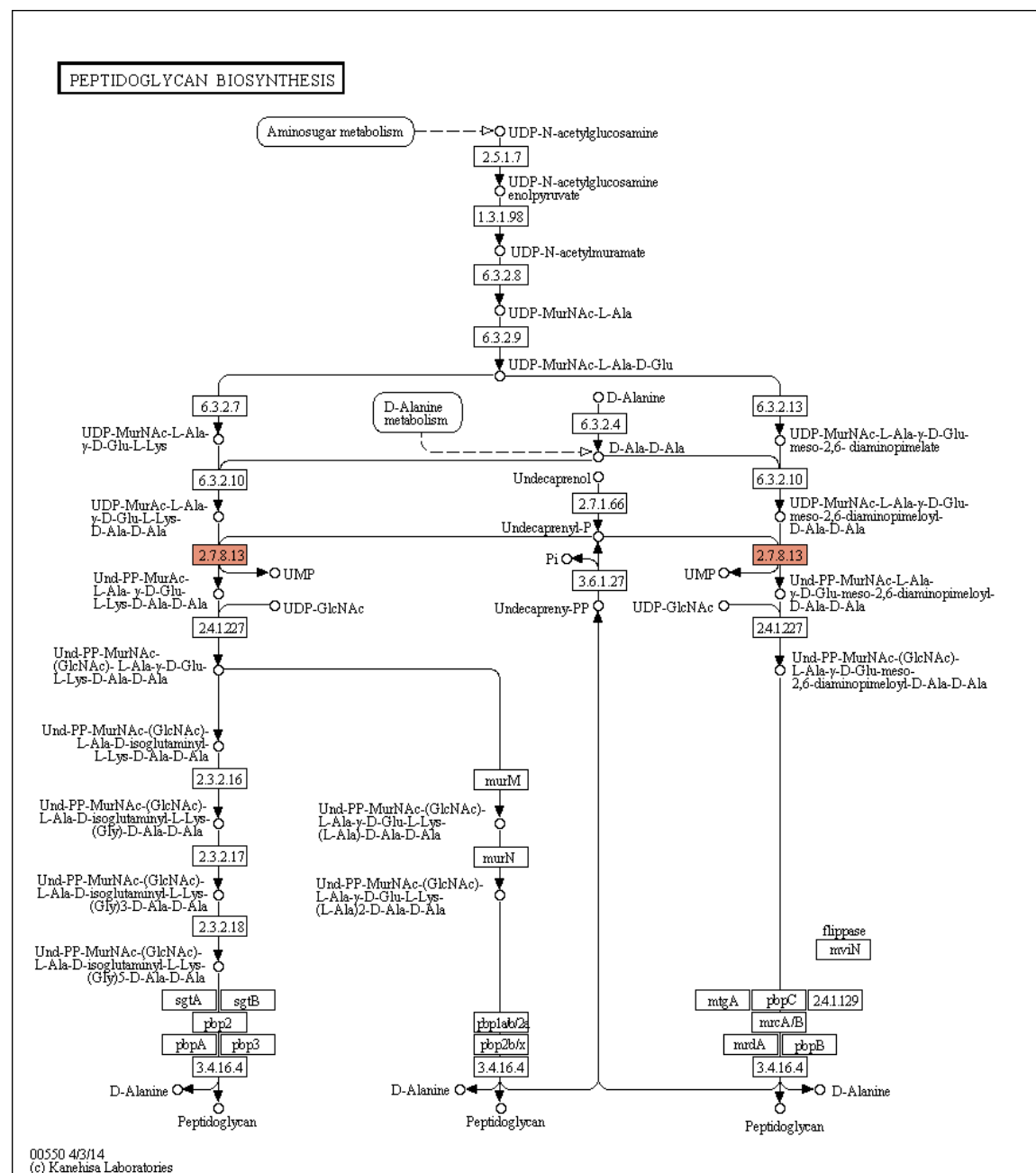


Image S1-image map00550. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

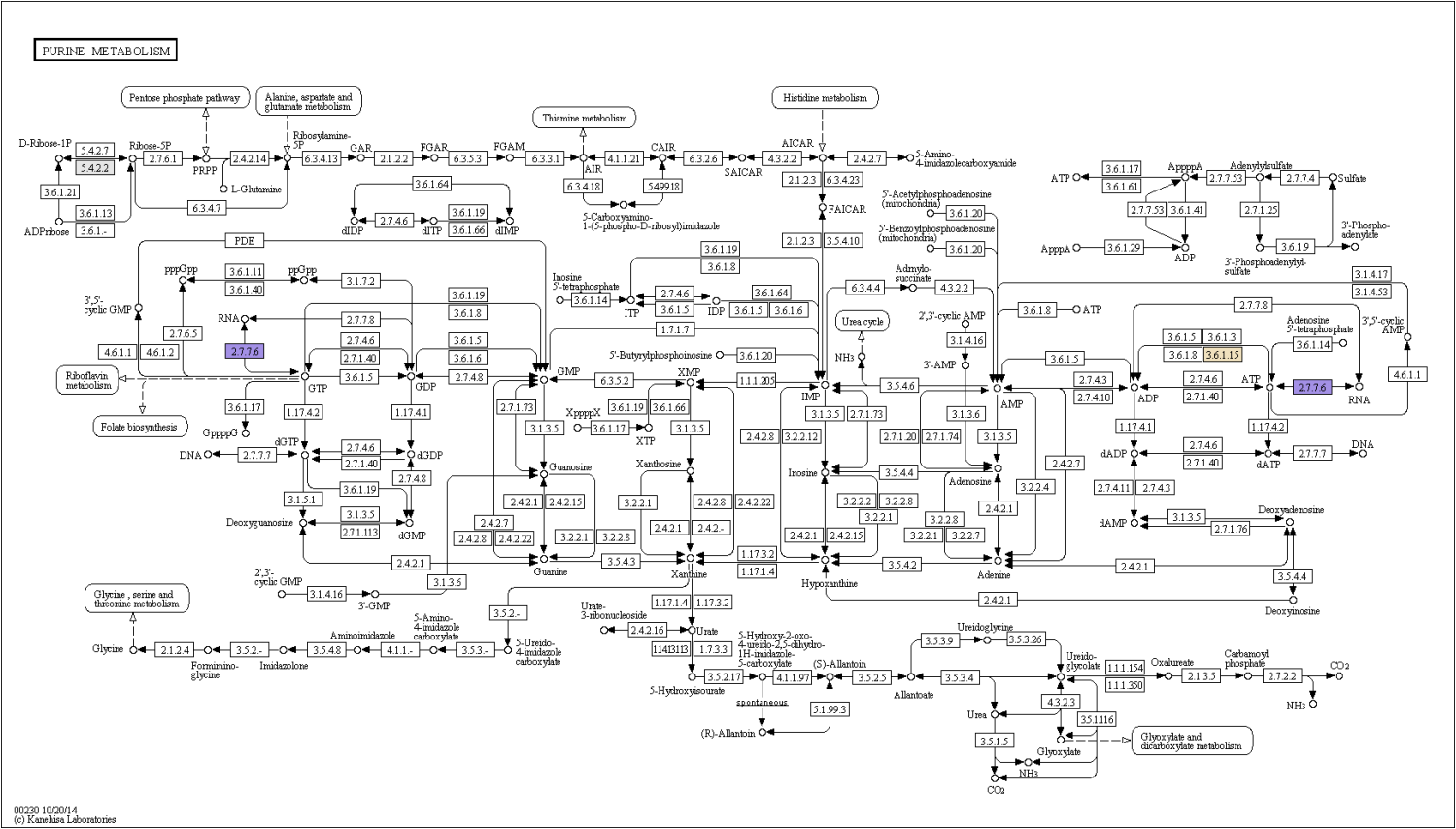


Image S1-image map00230. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

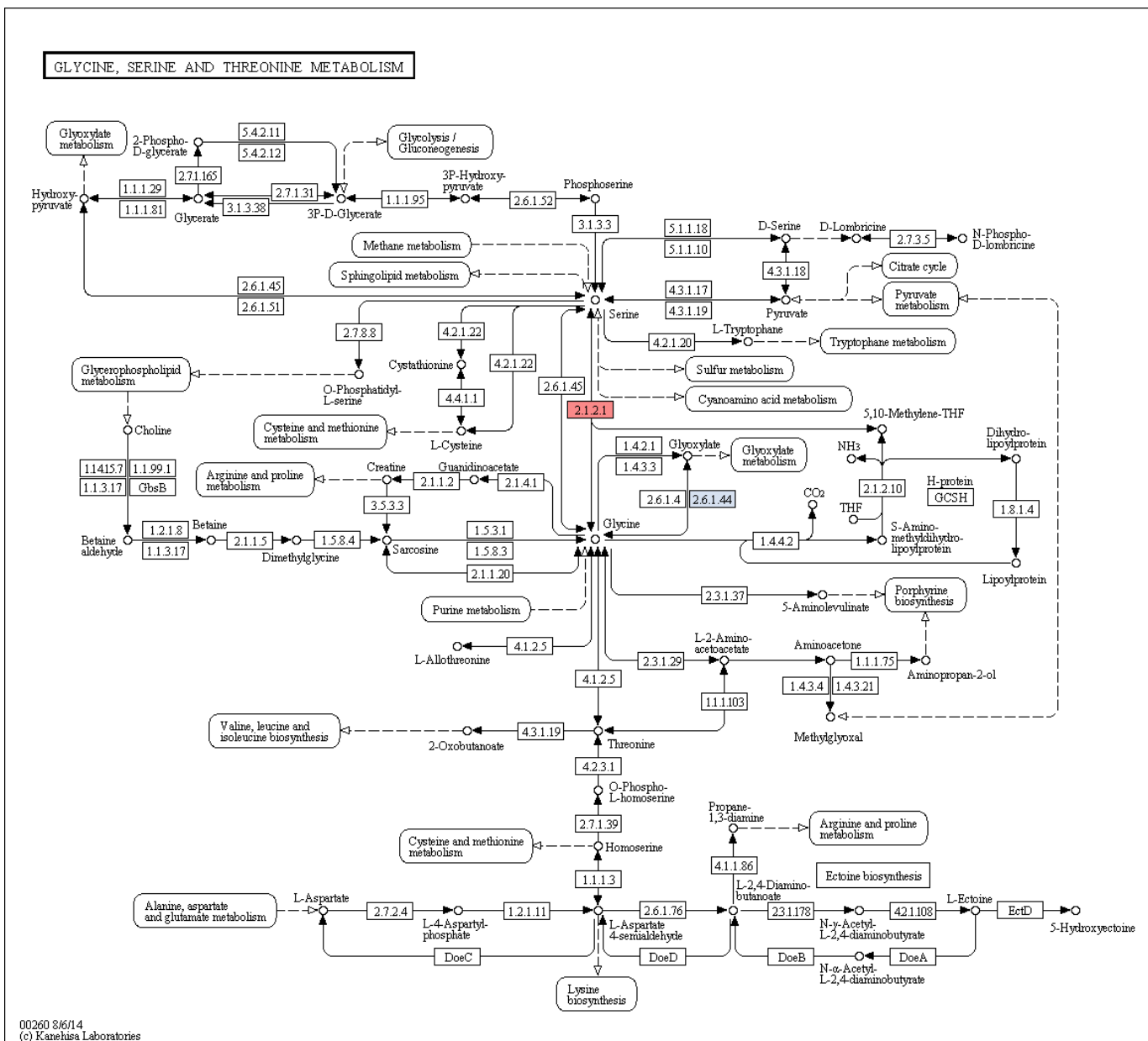


Image S1-image map00260. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

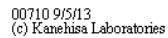


Image S1-image map00710. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

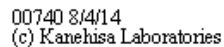


Image S1-image map00740. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

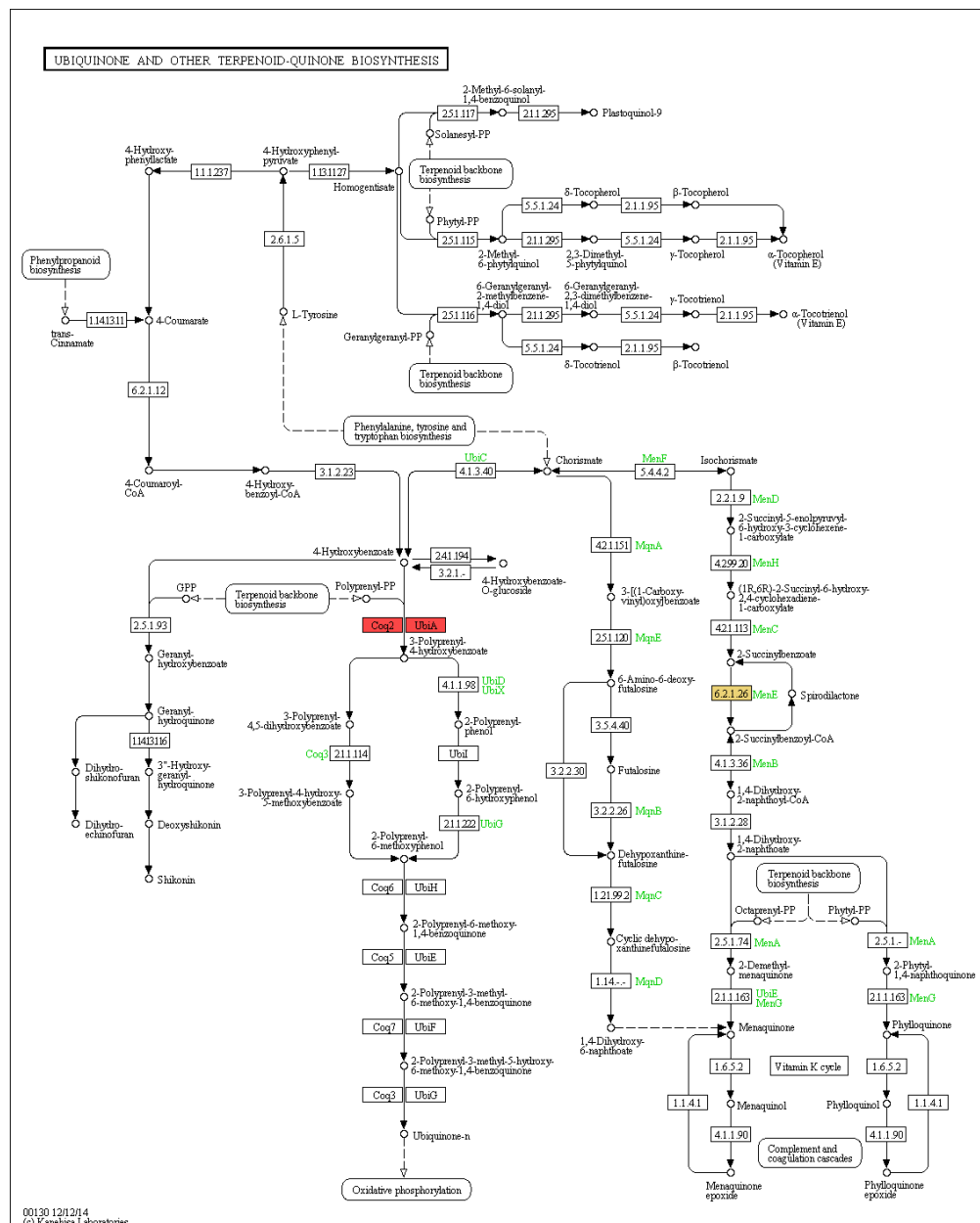


Image S1-image map00130. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

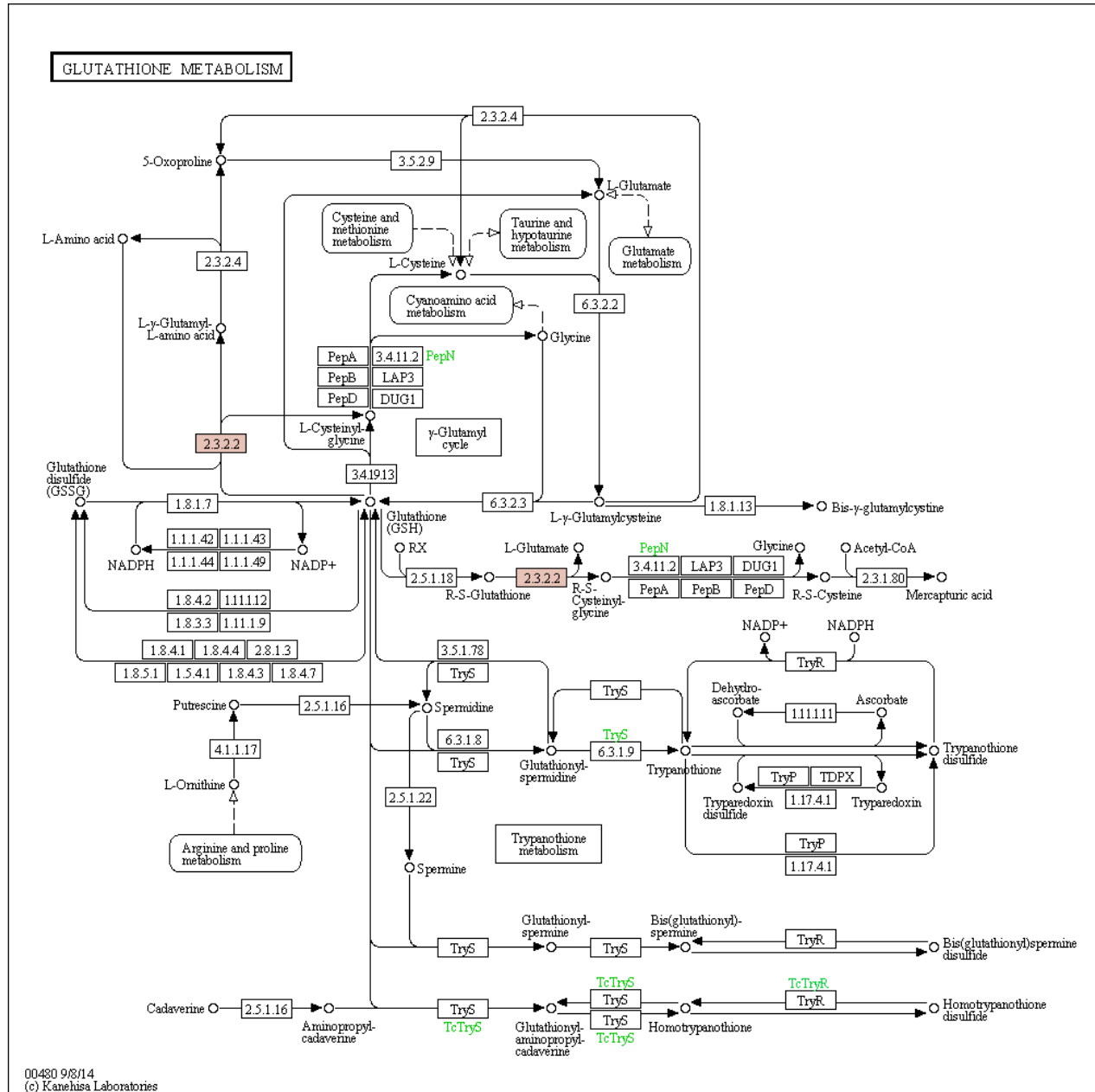


Image S1-image map00480. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

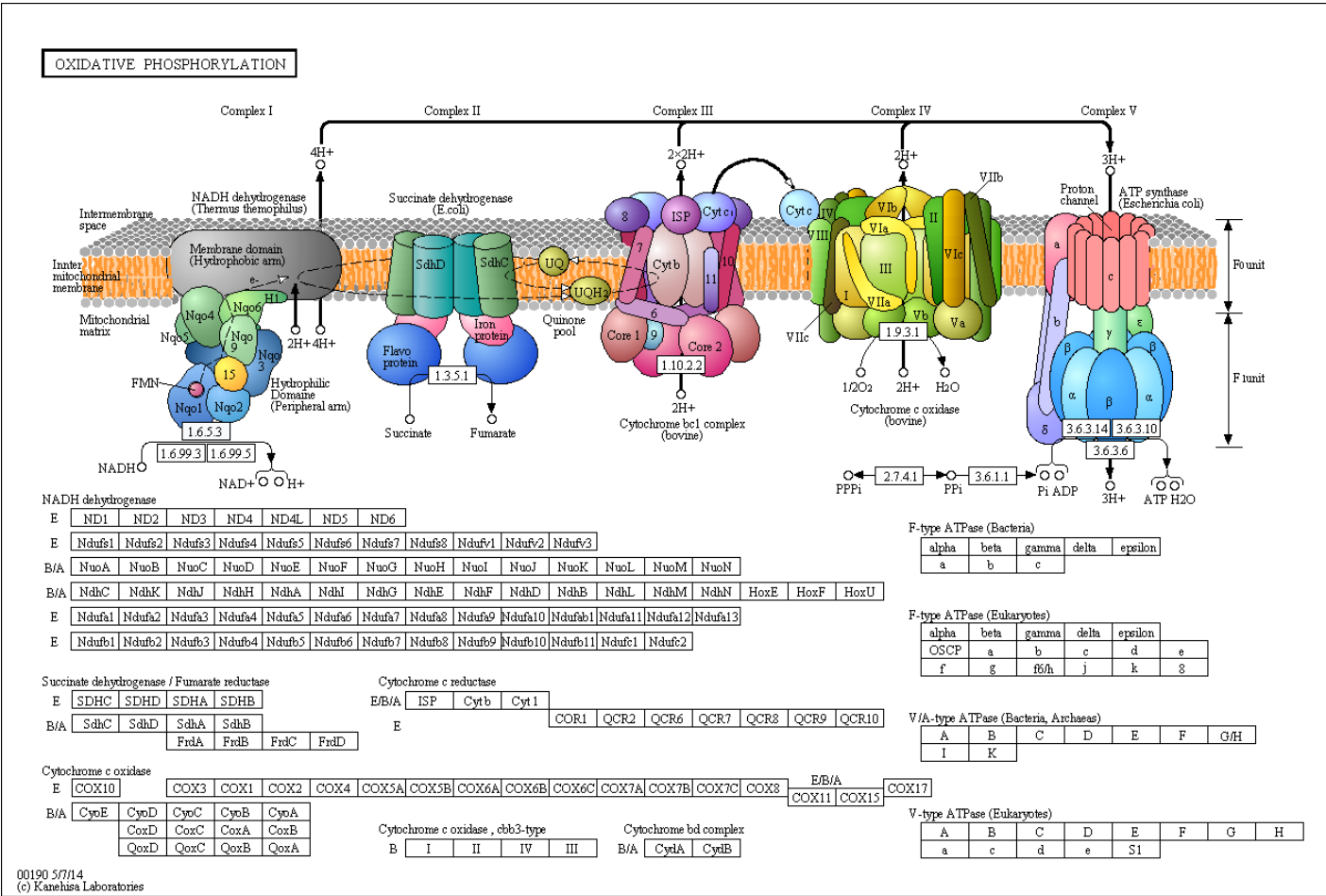


Image S1-image map00190. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

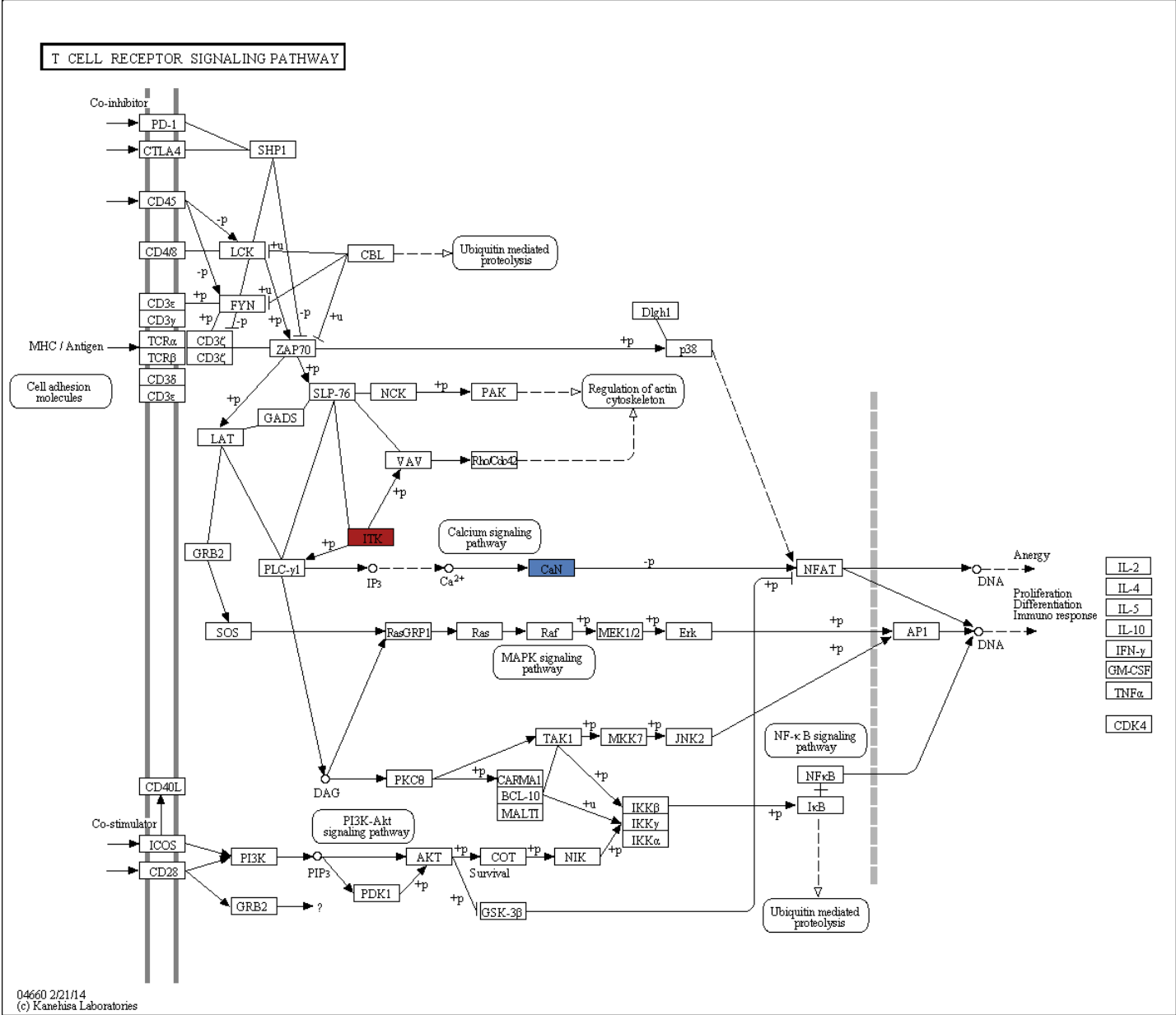


Image S1-image map04660. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Image S1-image map00640. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Ima. S1-image map00670

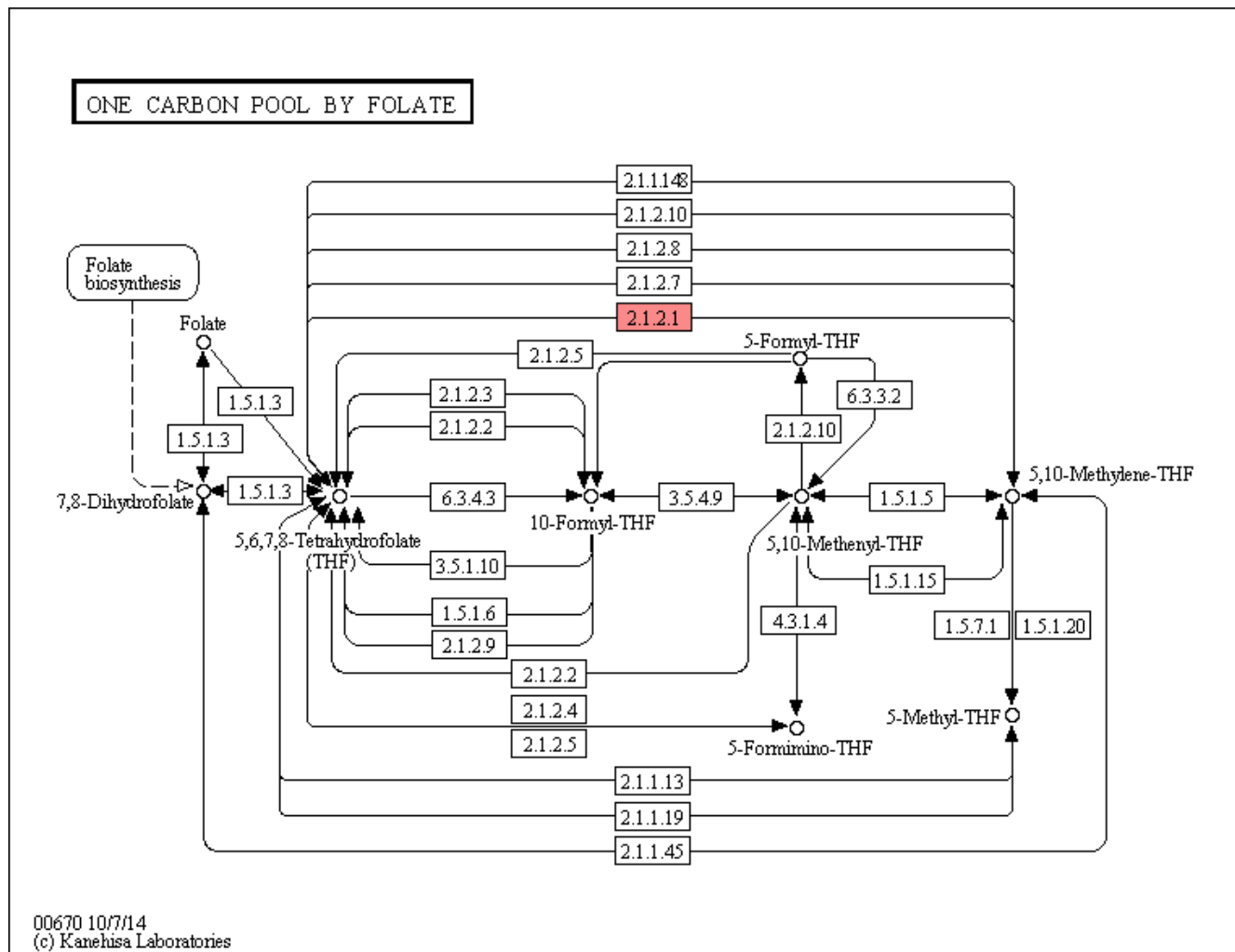


Image S1-image map00670. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

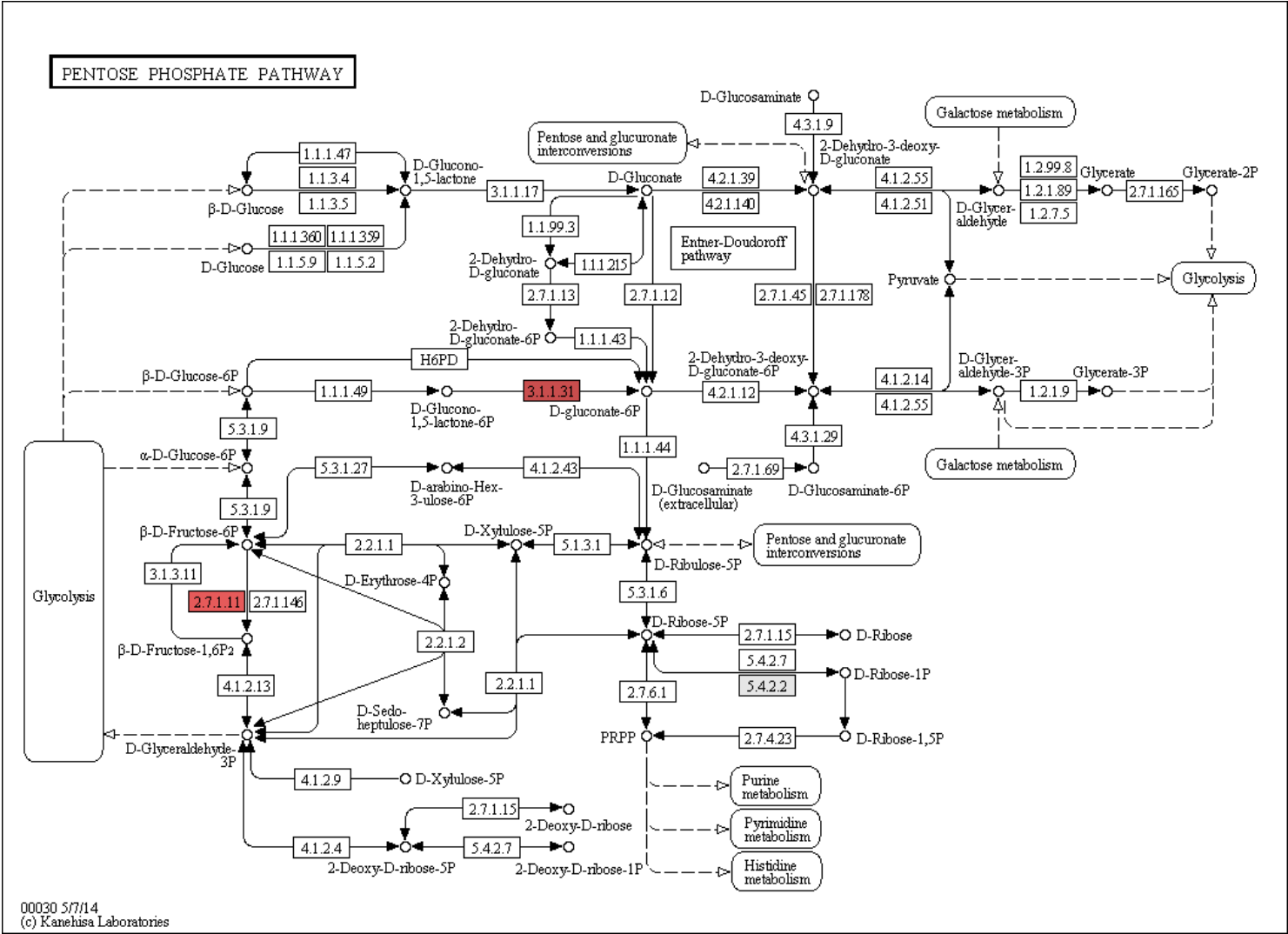


Image S1-image map00030. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Ima. S1-image map00061

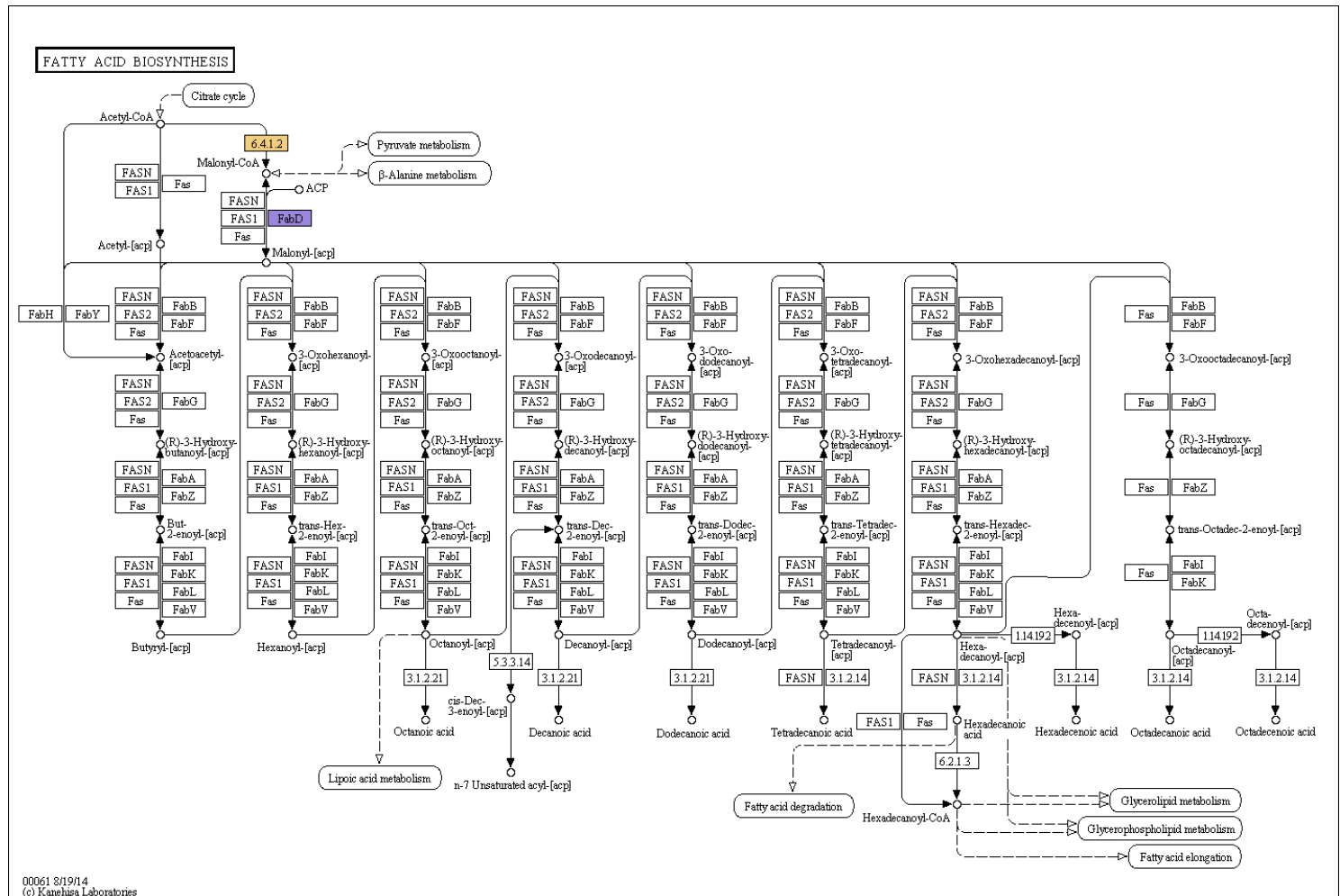


Image S1-image map00061. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

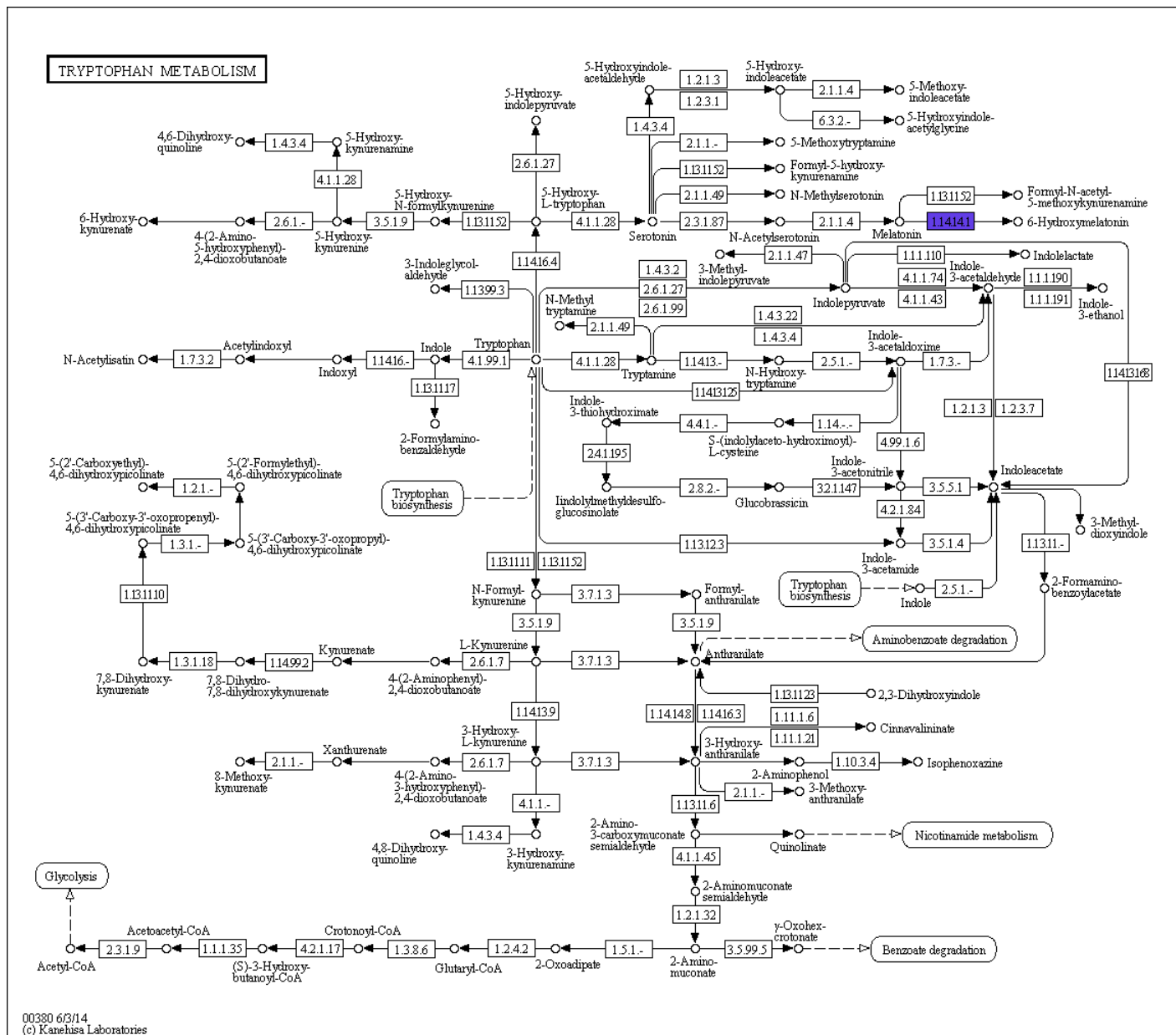


Image S1-image map00380. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

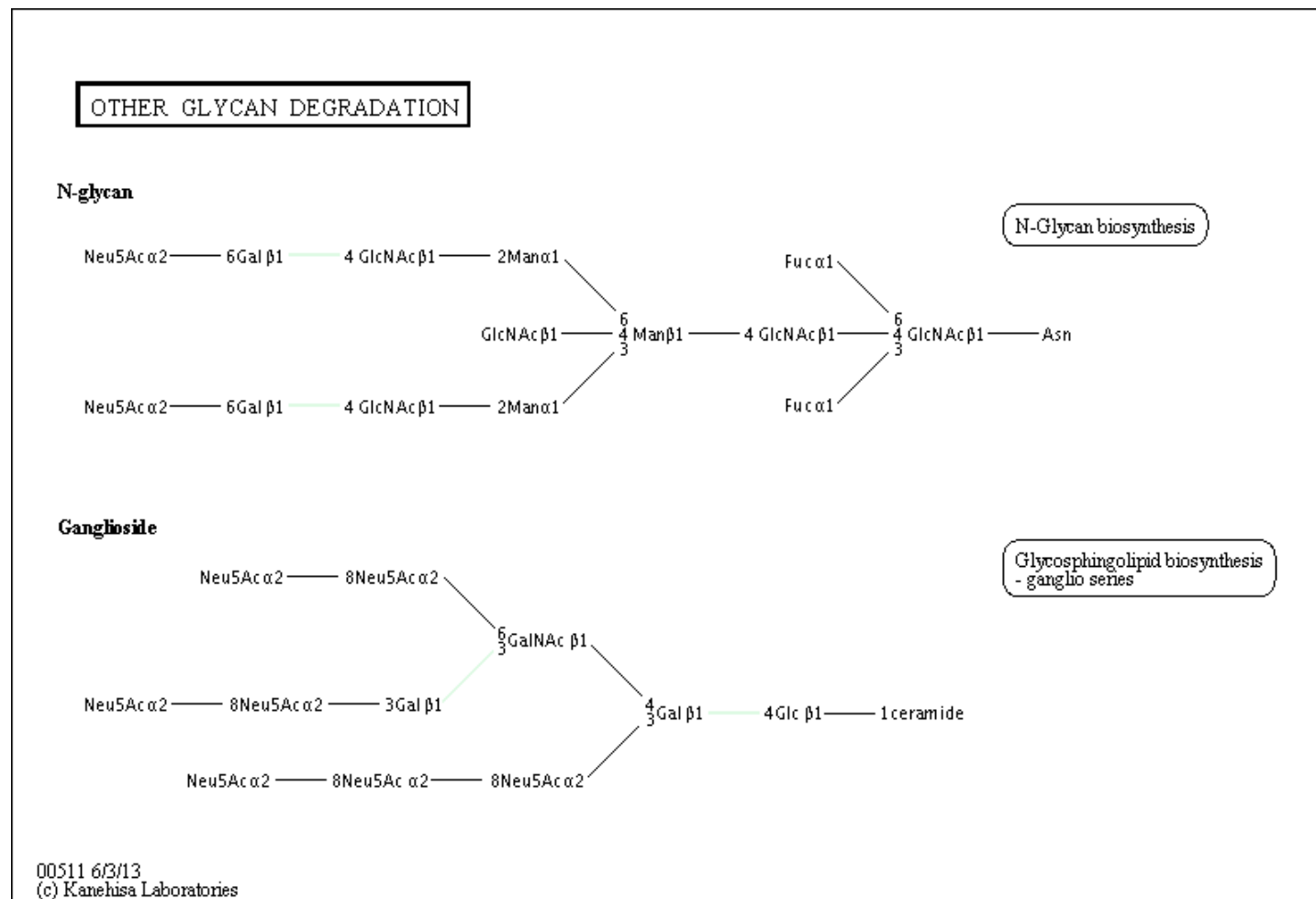


Image S1-image map00511. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

[illegible]

Image S1-image map00254. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Image S1-image map00830. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Ima. S1-image map00510

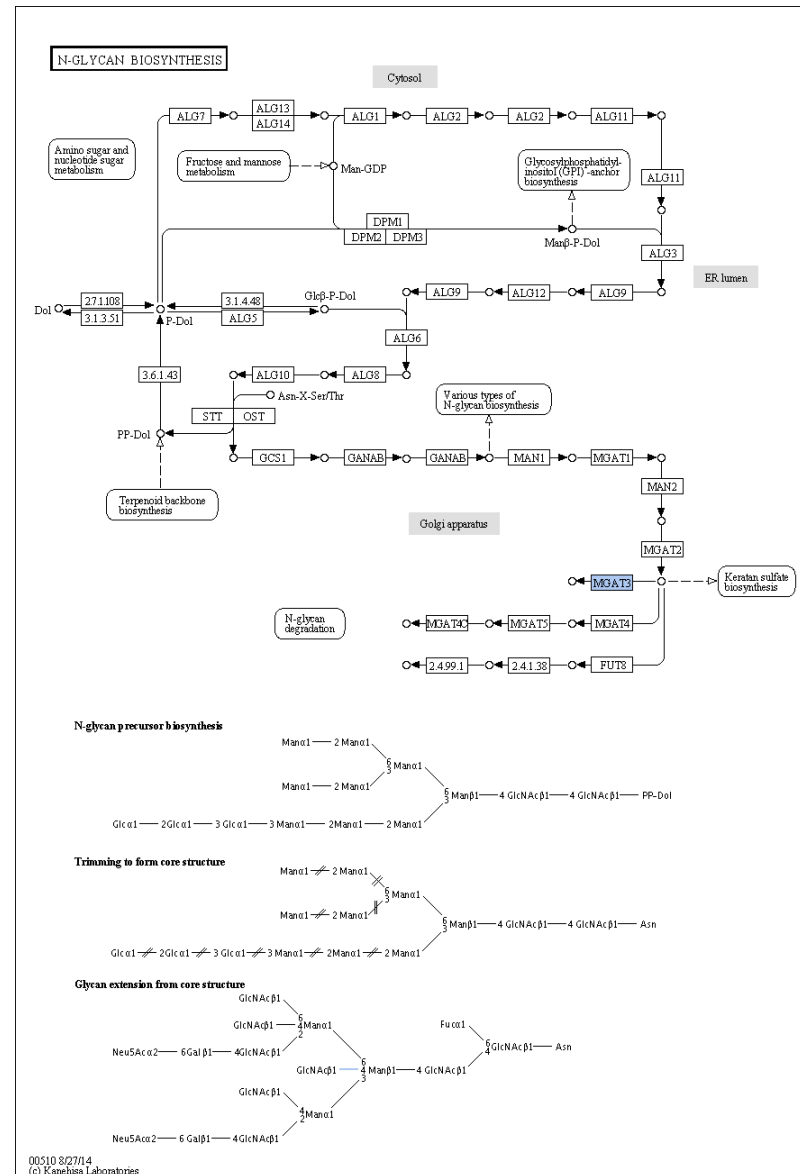


Image S1-image map00510. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Ima. S1-image map00253

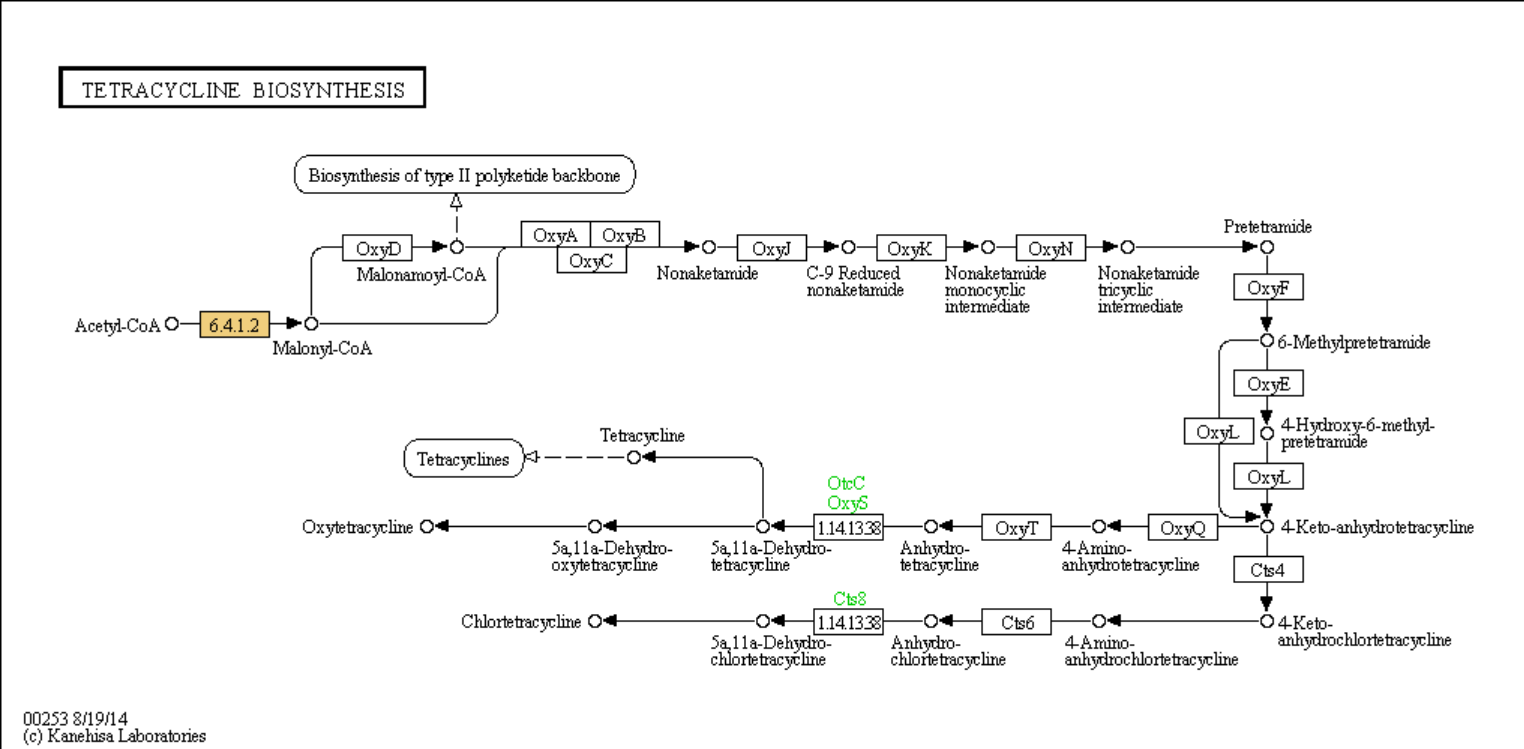


Image S1-image map00253. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

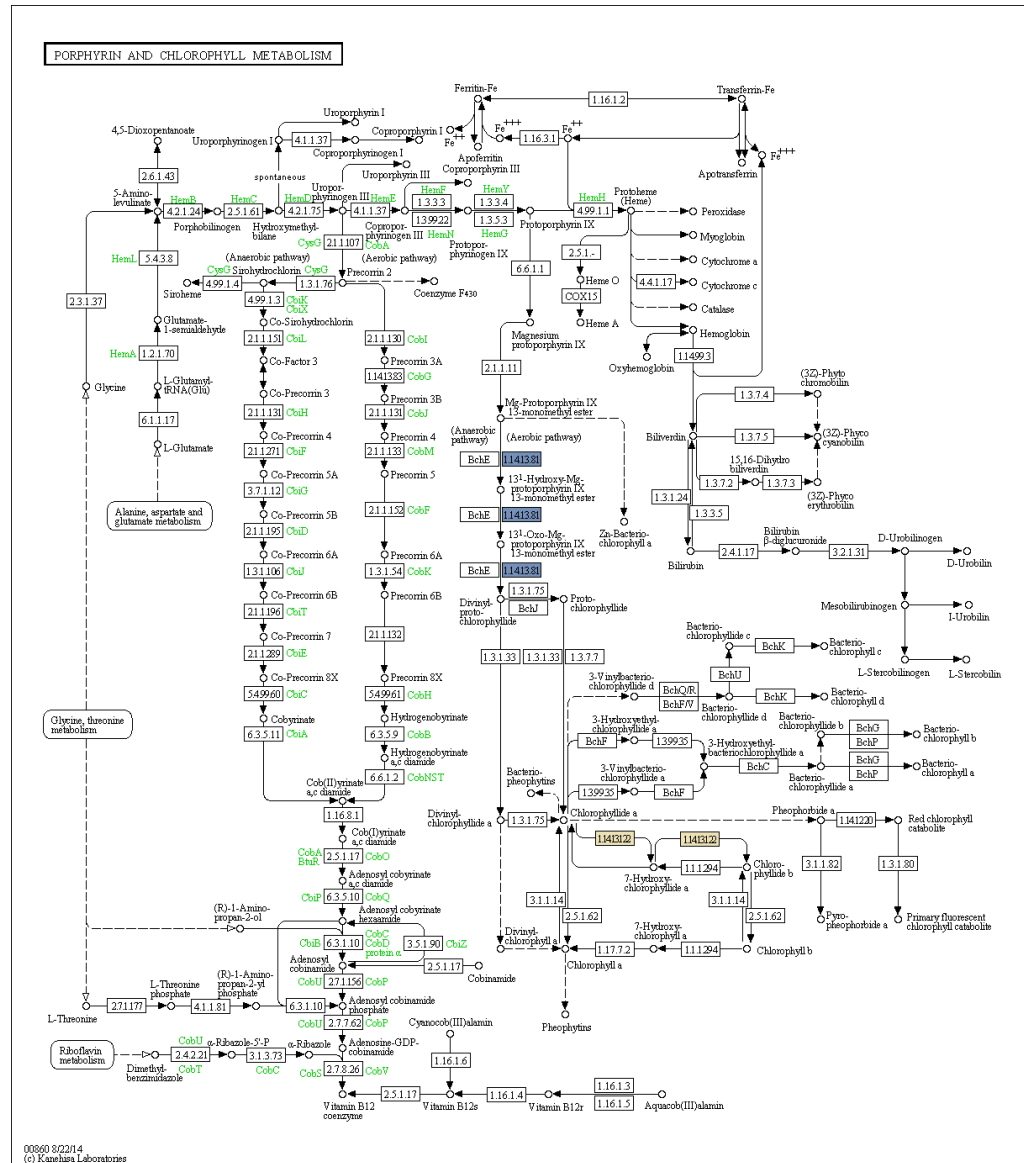


Image S1-image map00860. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

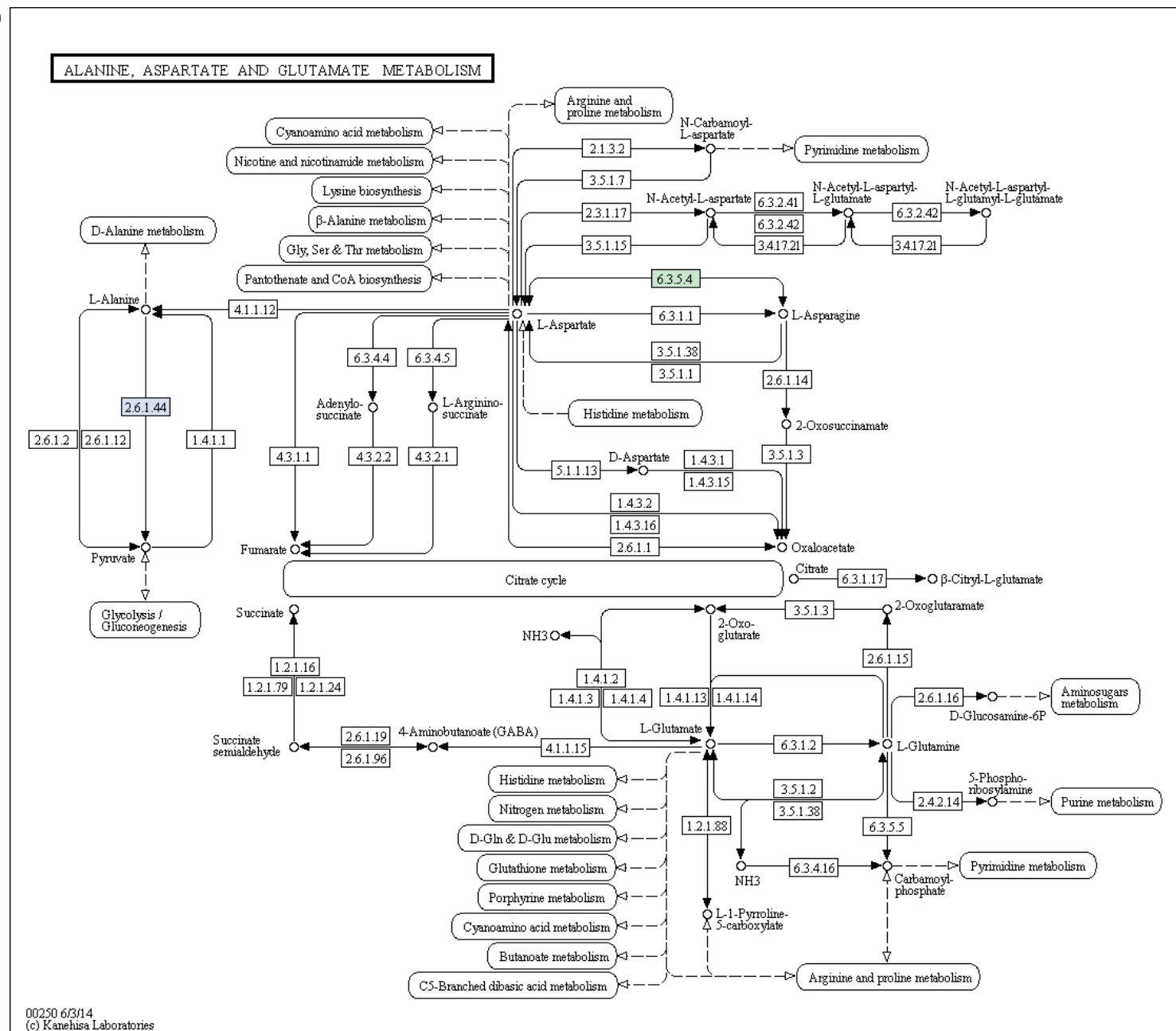


Image S1-image map00250. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

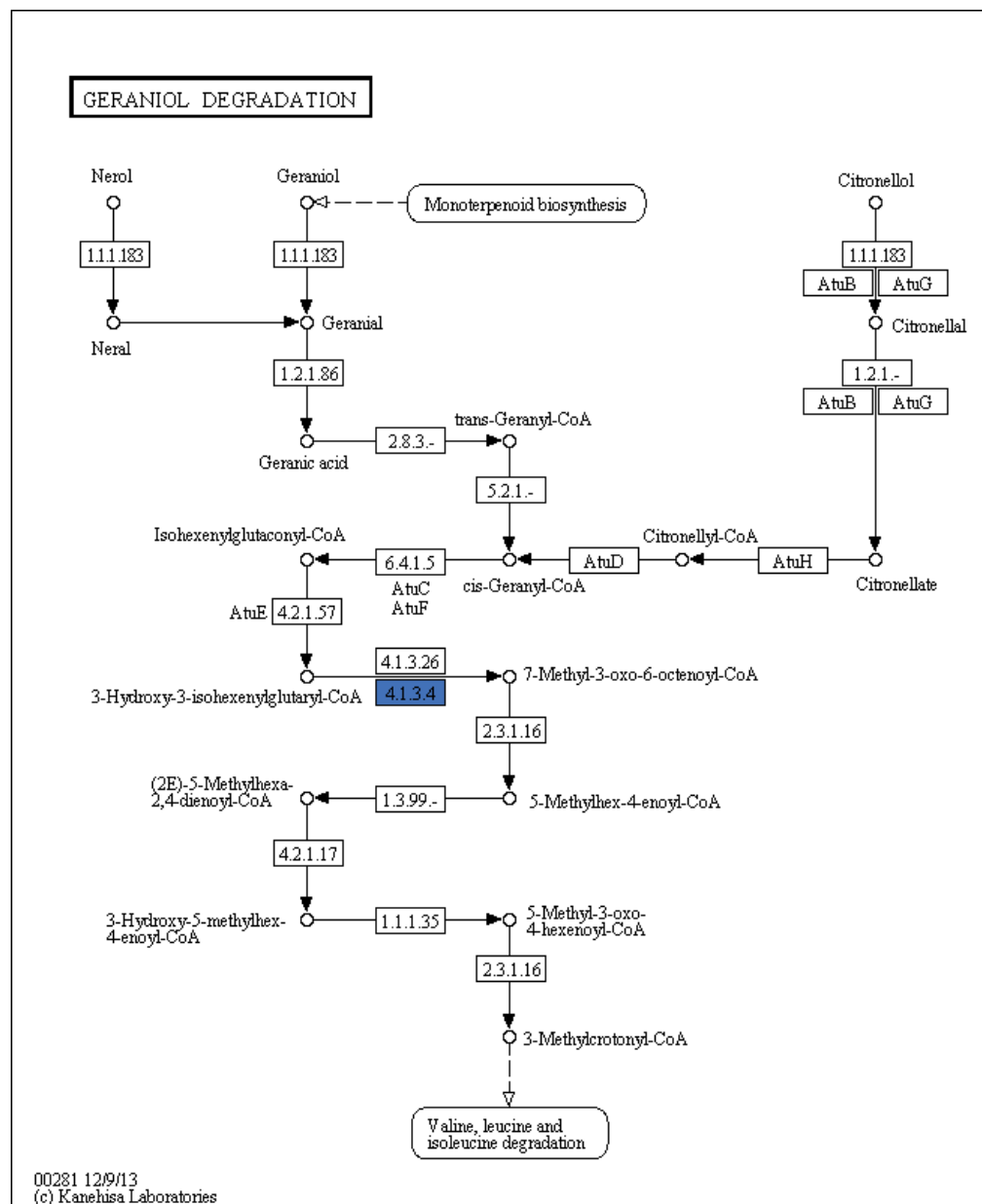


Image S1-image map00281. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Image S1-image map00280. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

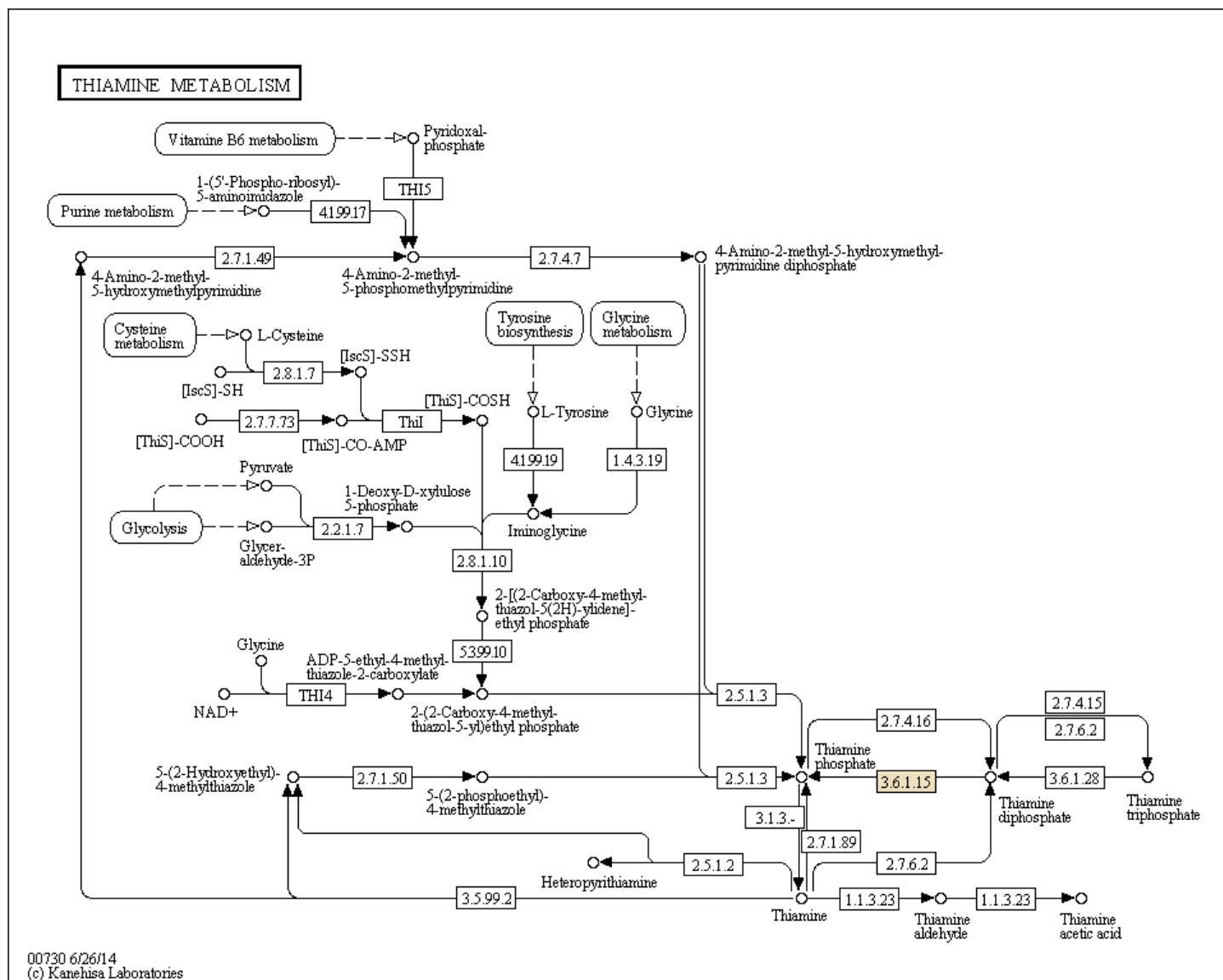


Image S1-image map00730. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

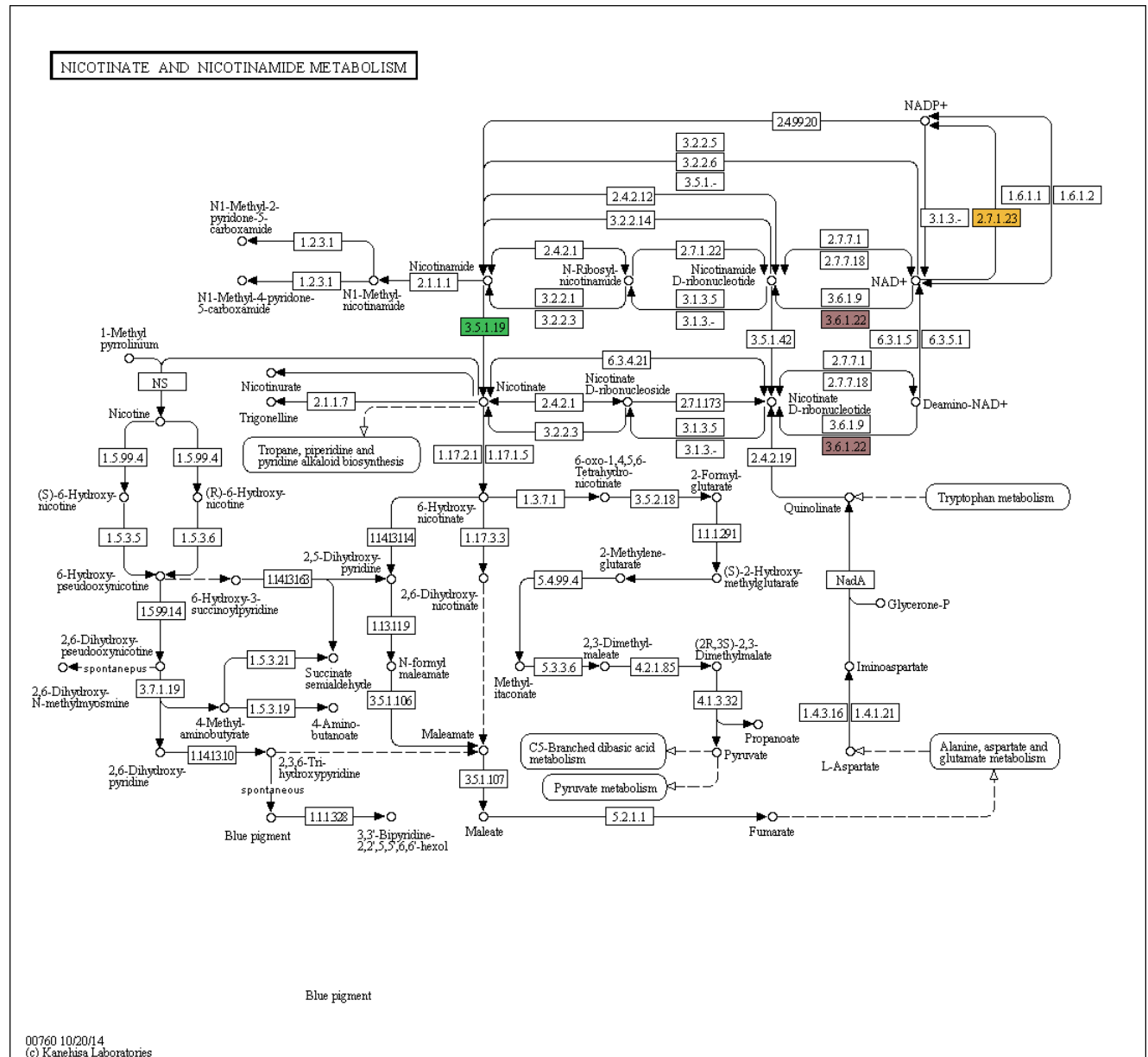


Image S1-image map00760. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

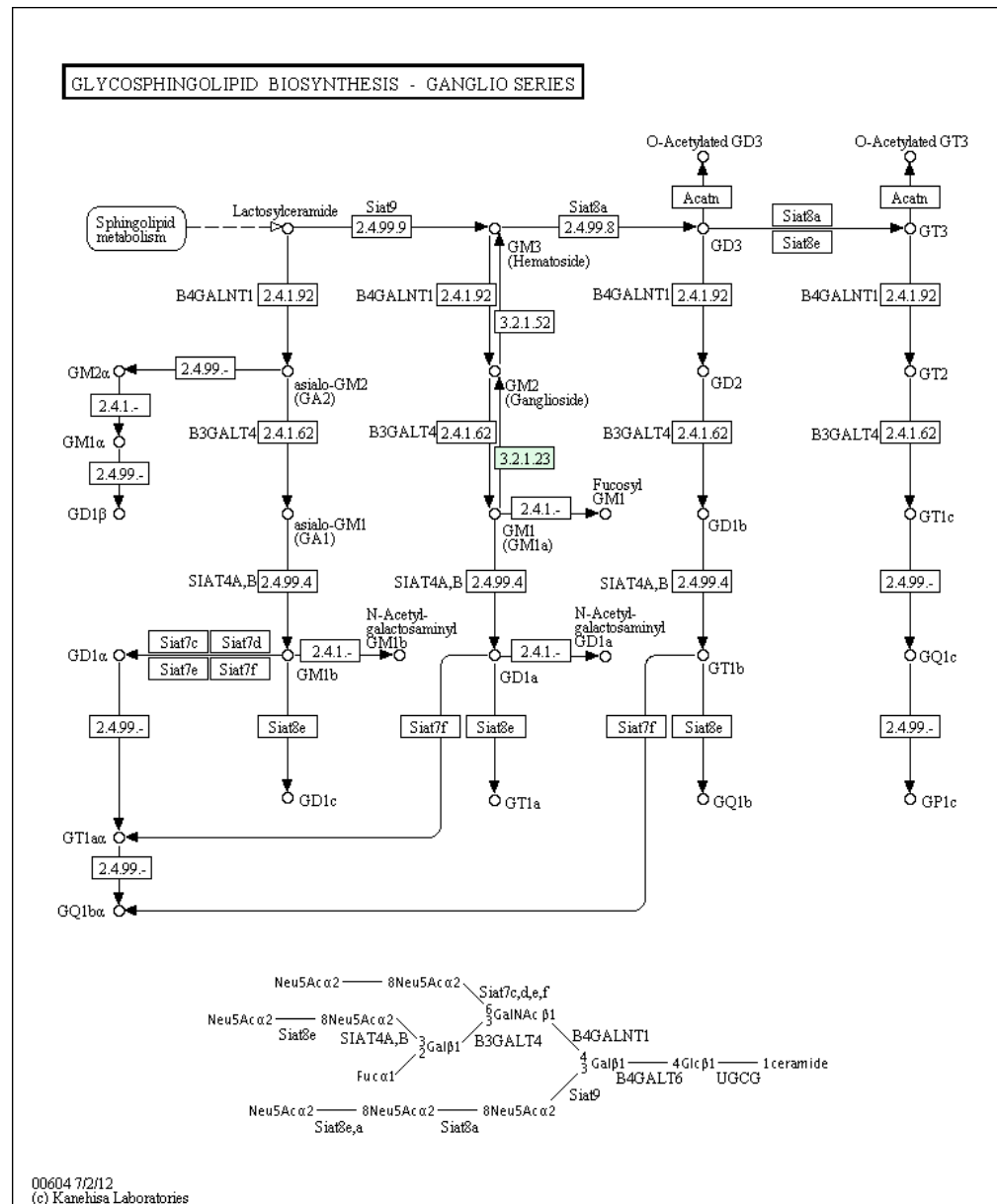


Image S1-image map00604. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

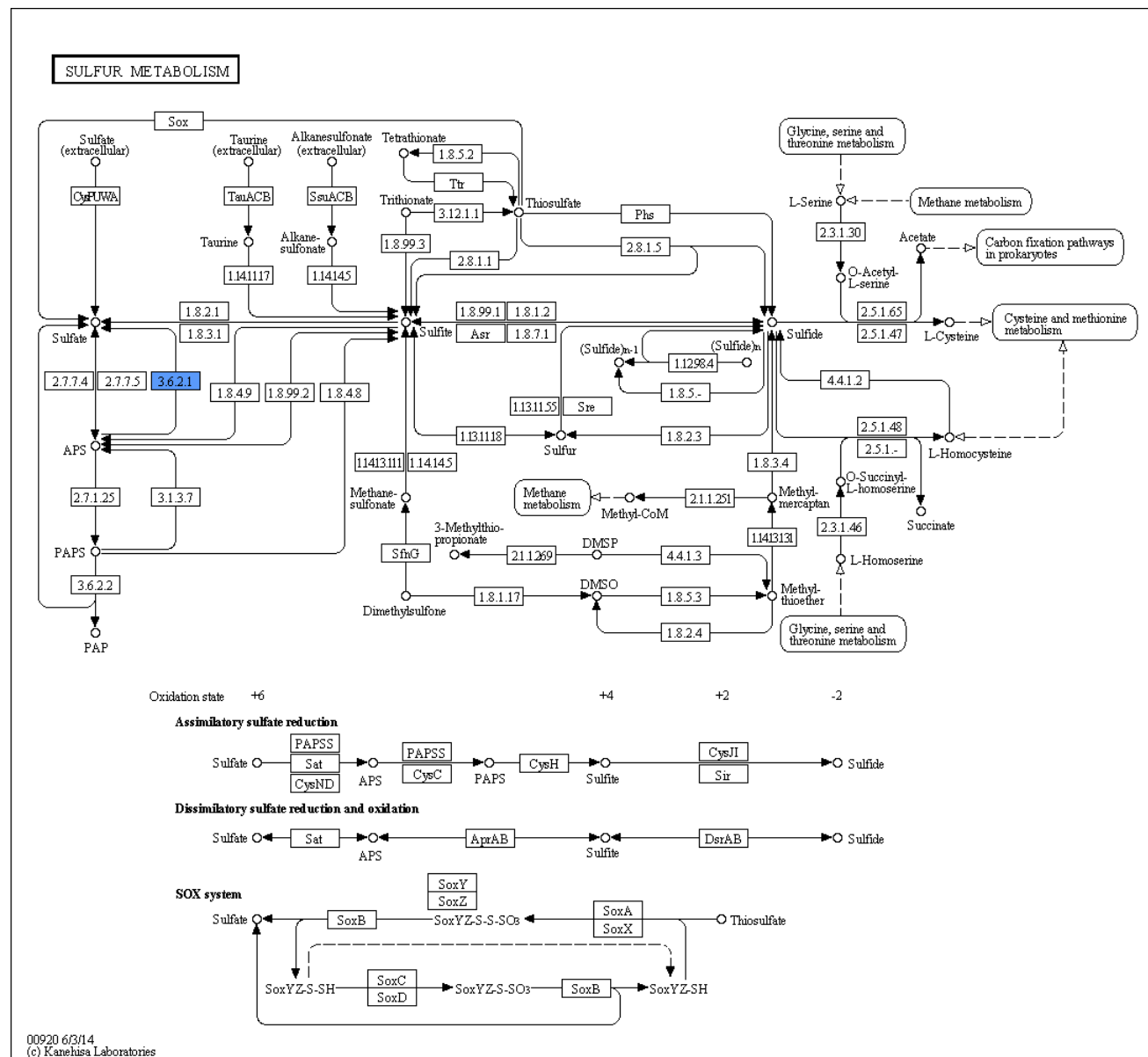


Image S1-image map00920. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

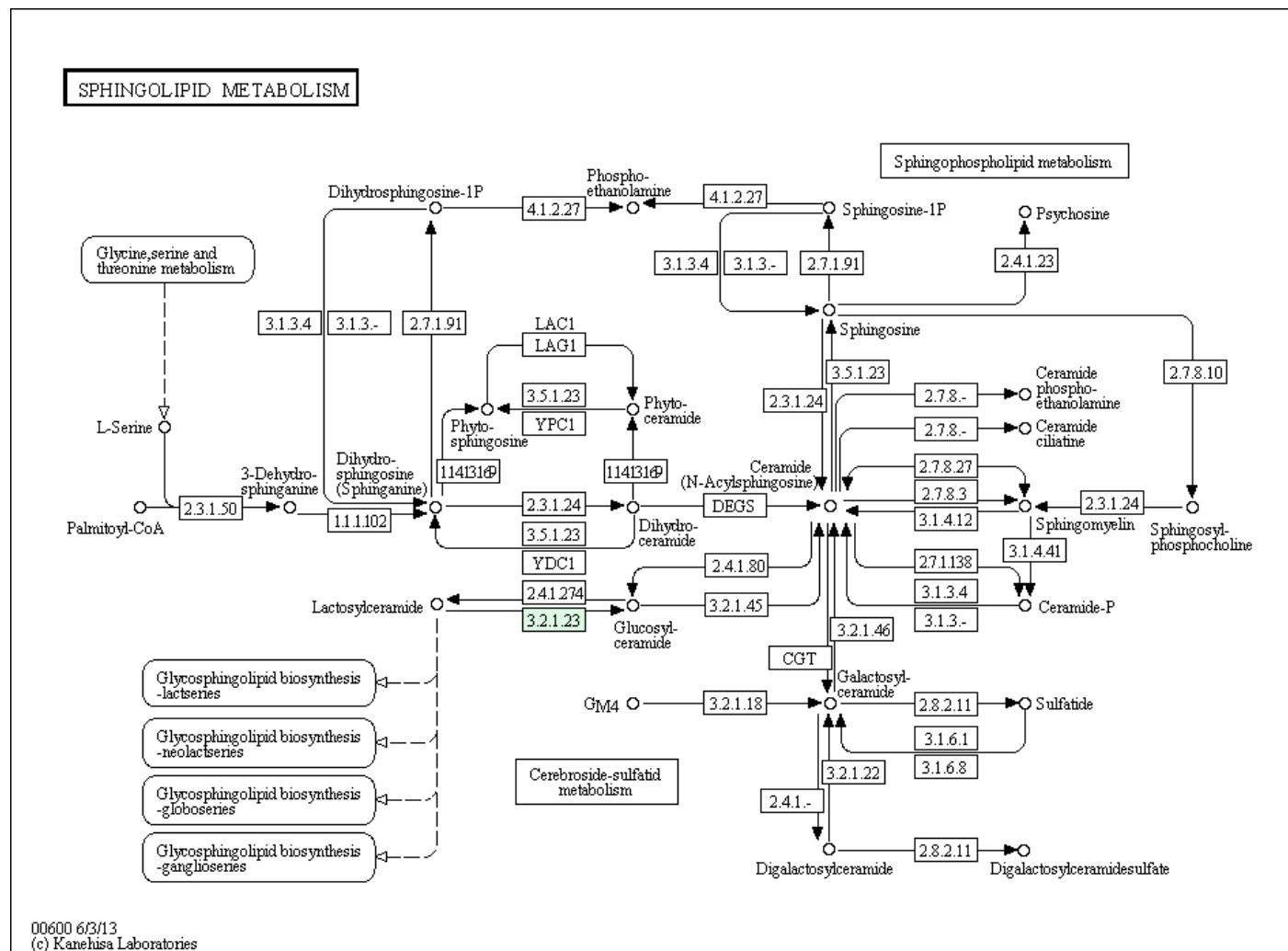


Image S1-image map00600. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

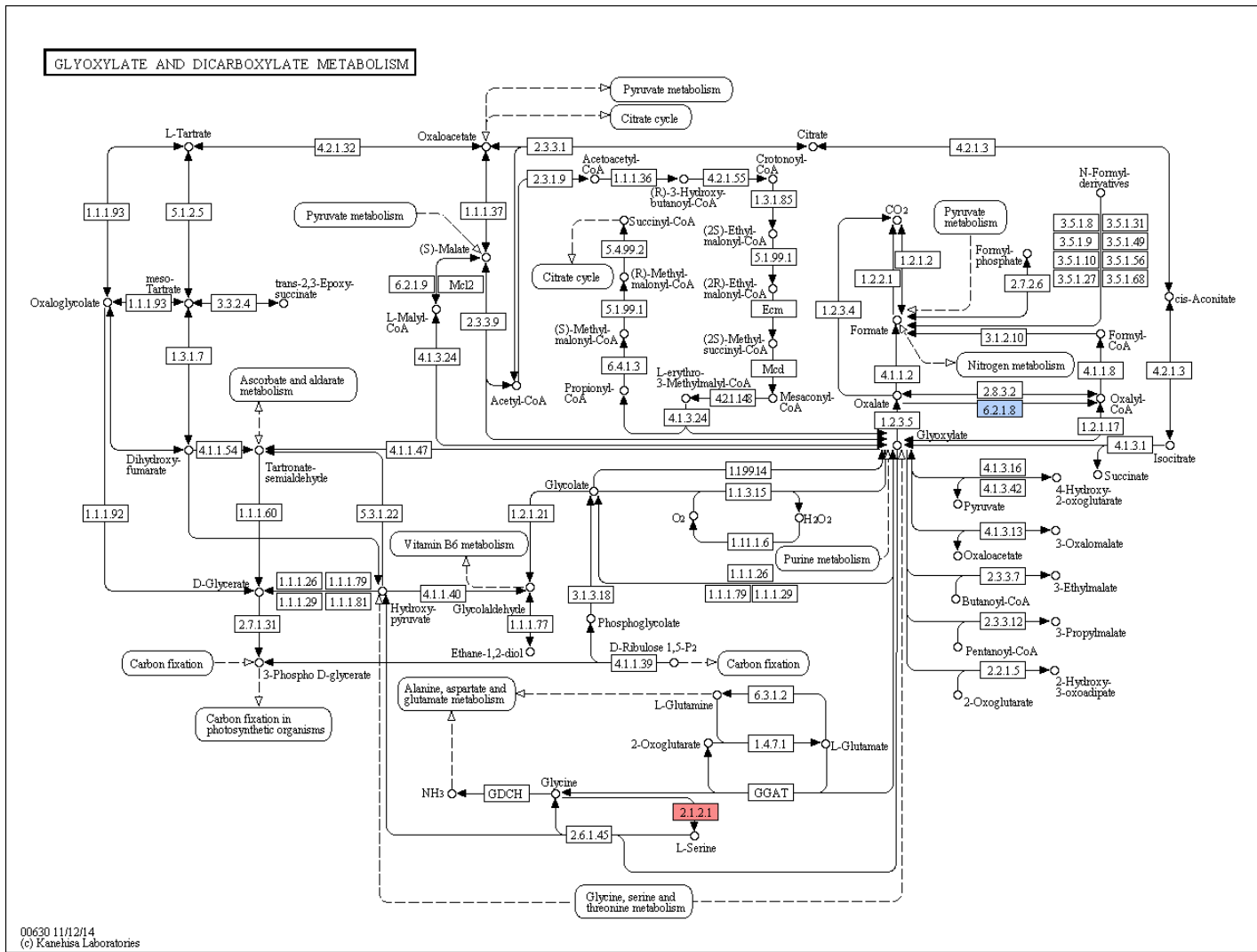
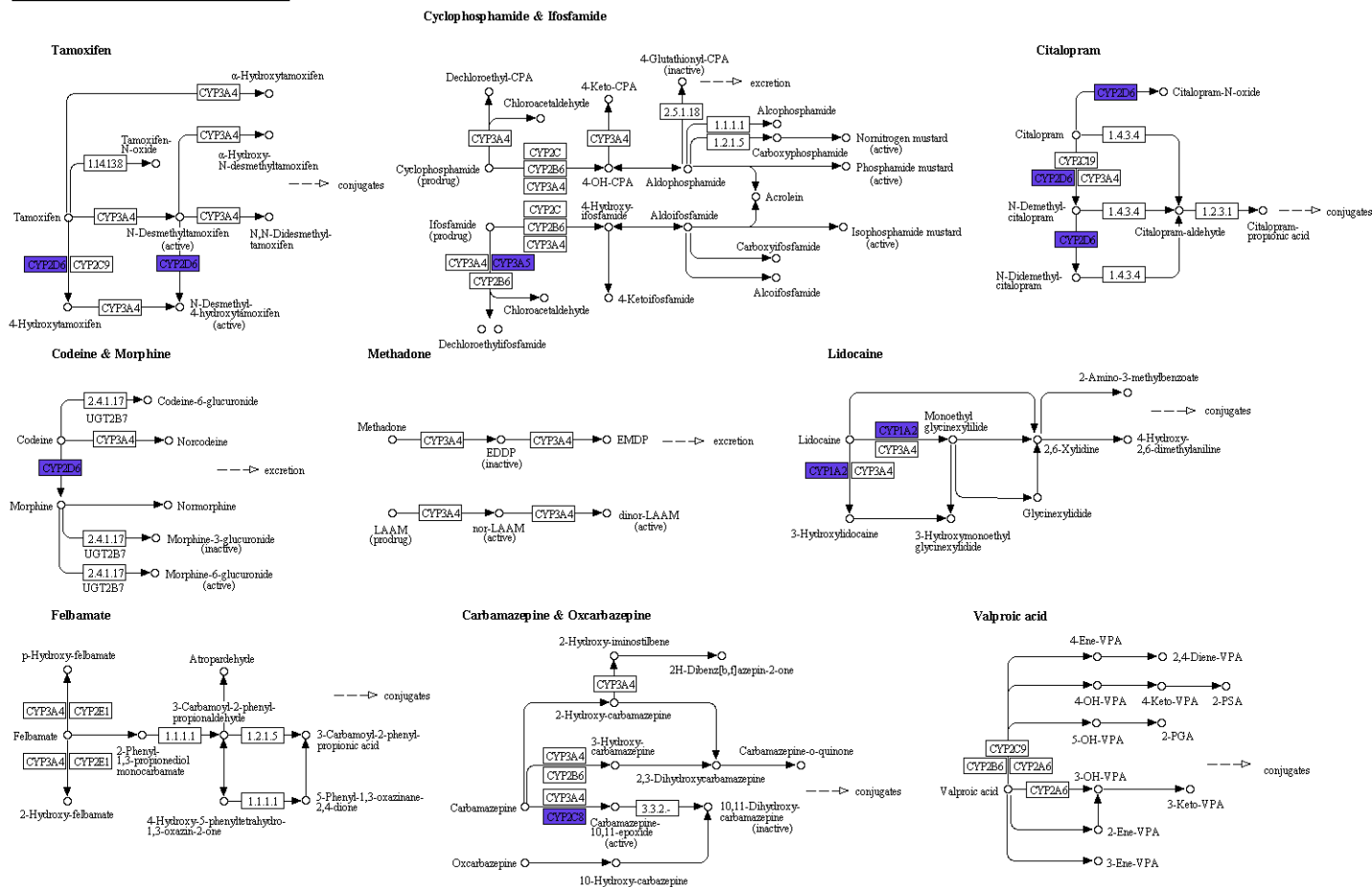


Image S1-image map00630. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).



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Image S1-image map00982. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

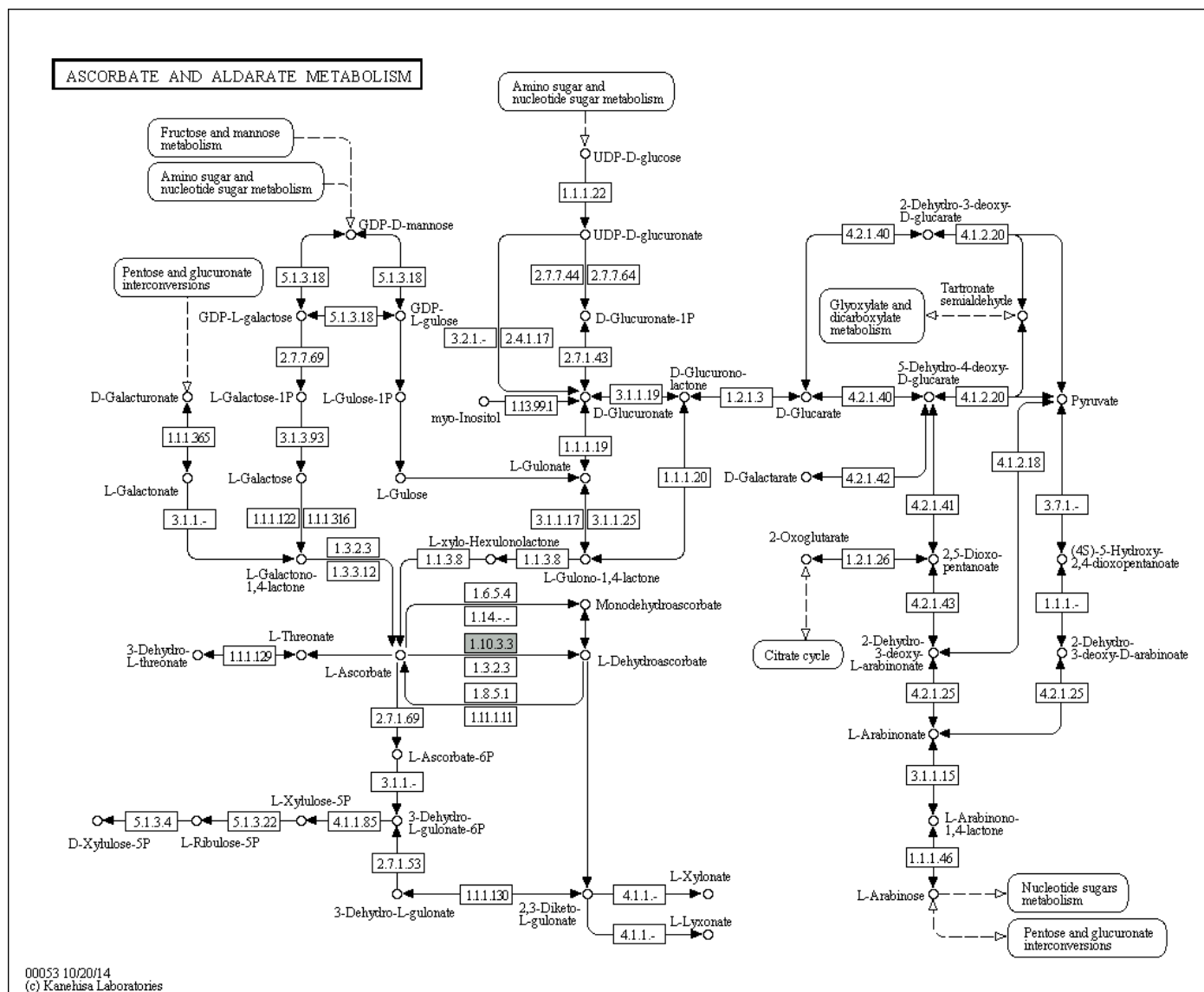


Image S1-image map00053. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

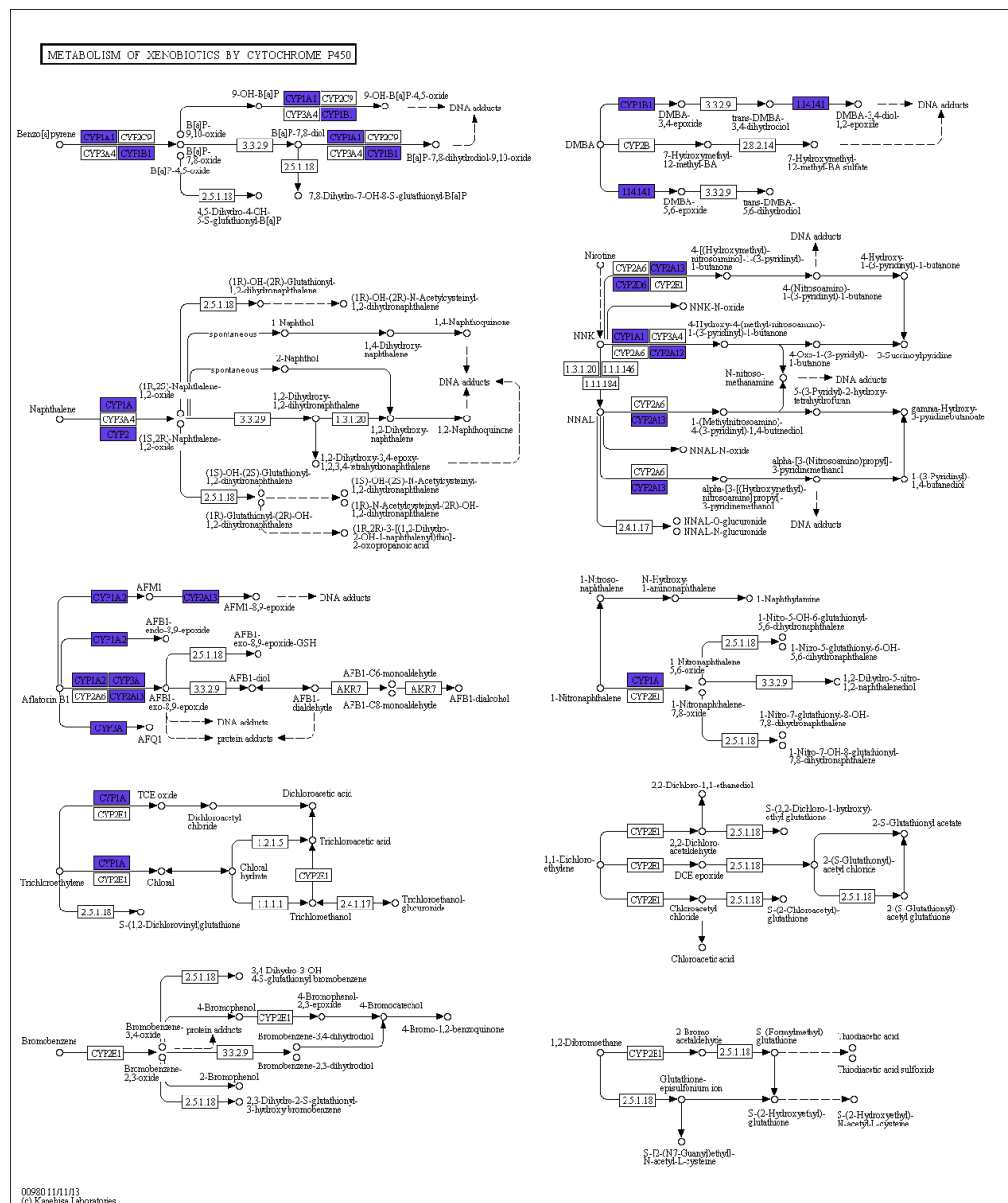


Image S1-image map00980. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Ima. S1-image map00052

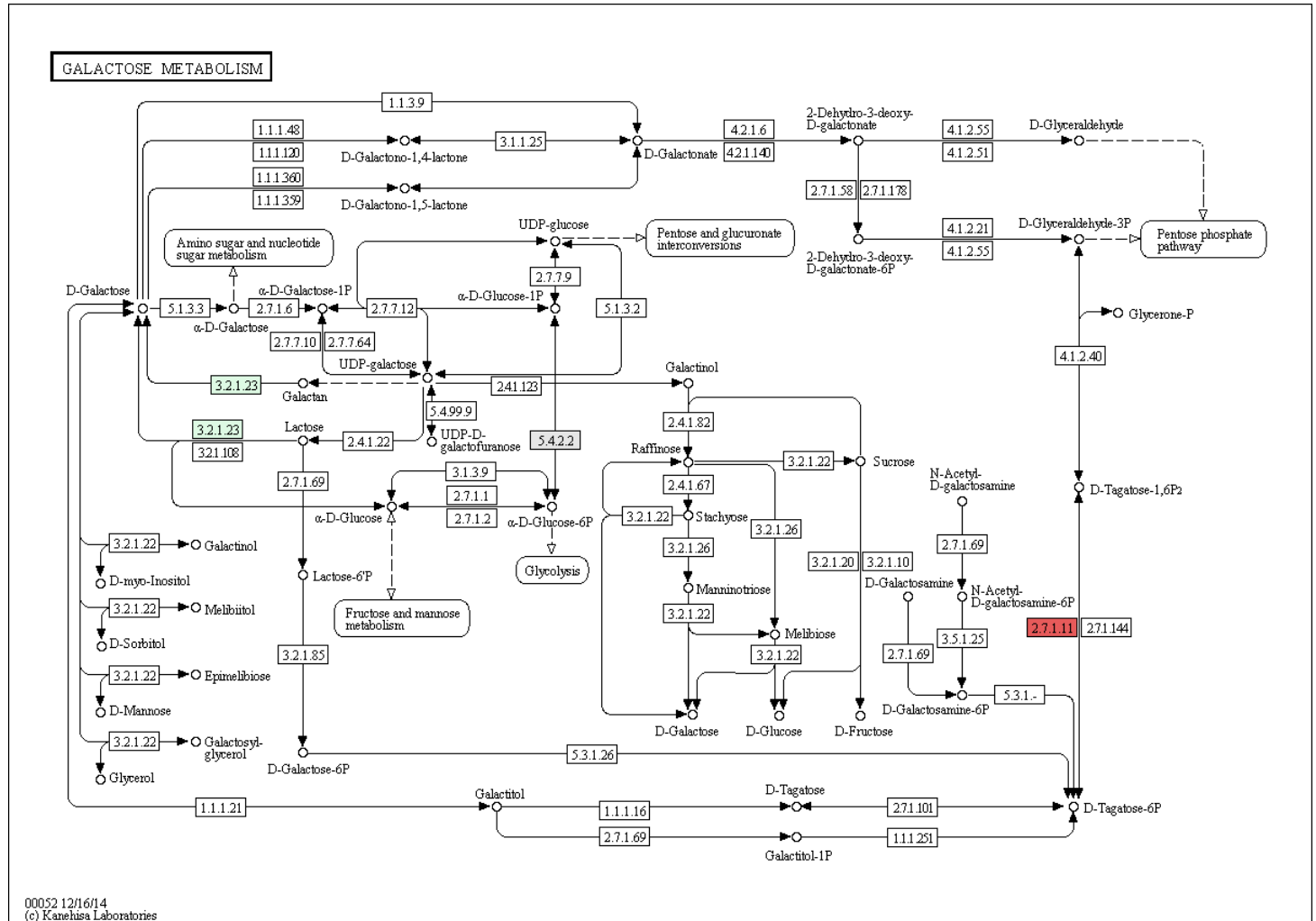


Image S1-image map00052. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

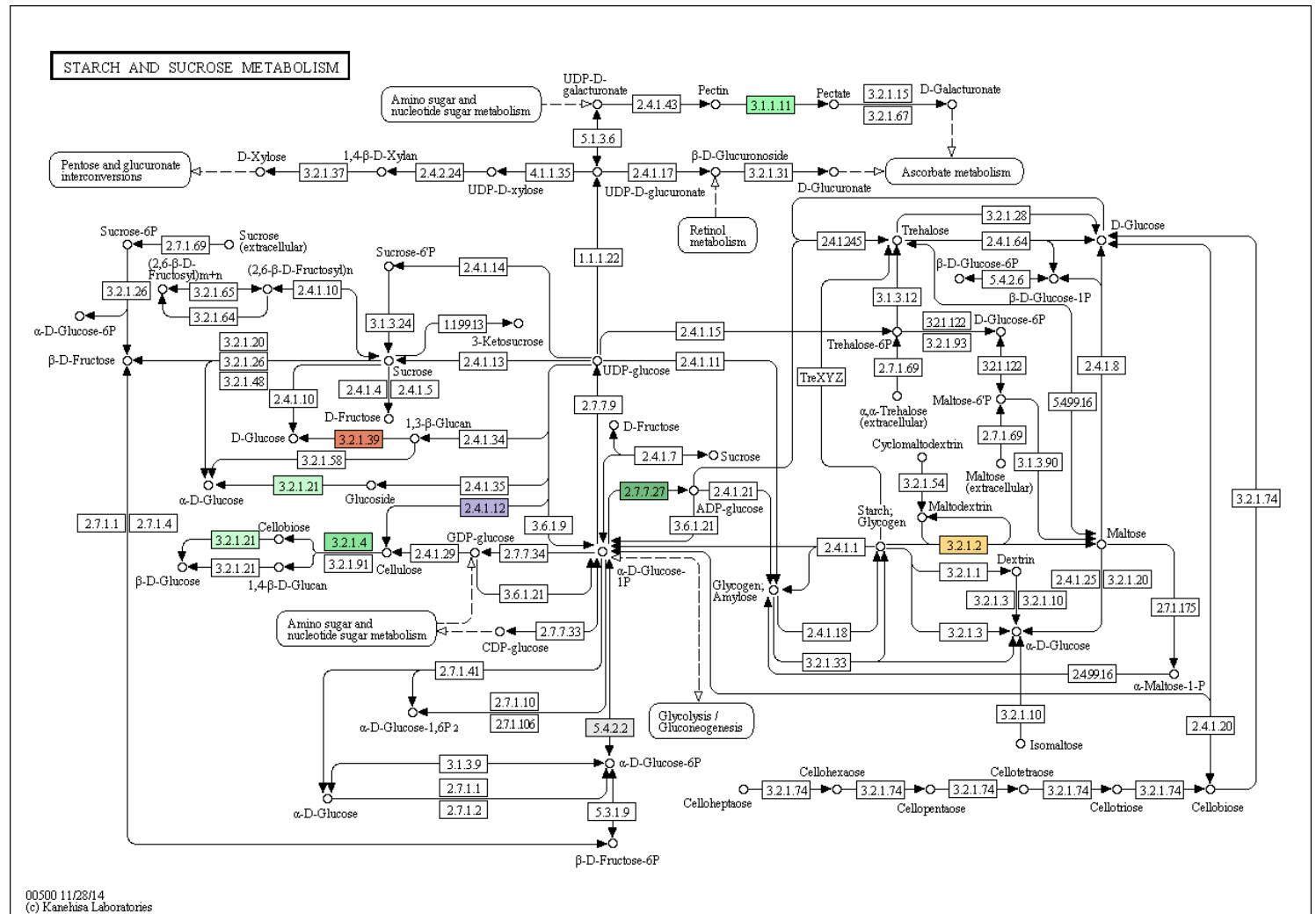


Image S1-image map00500. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

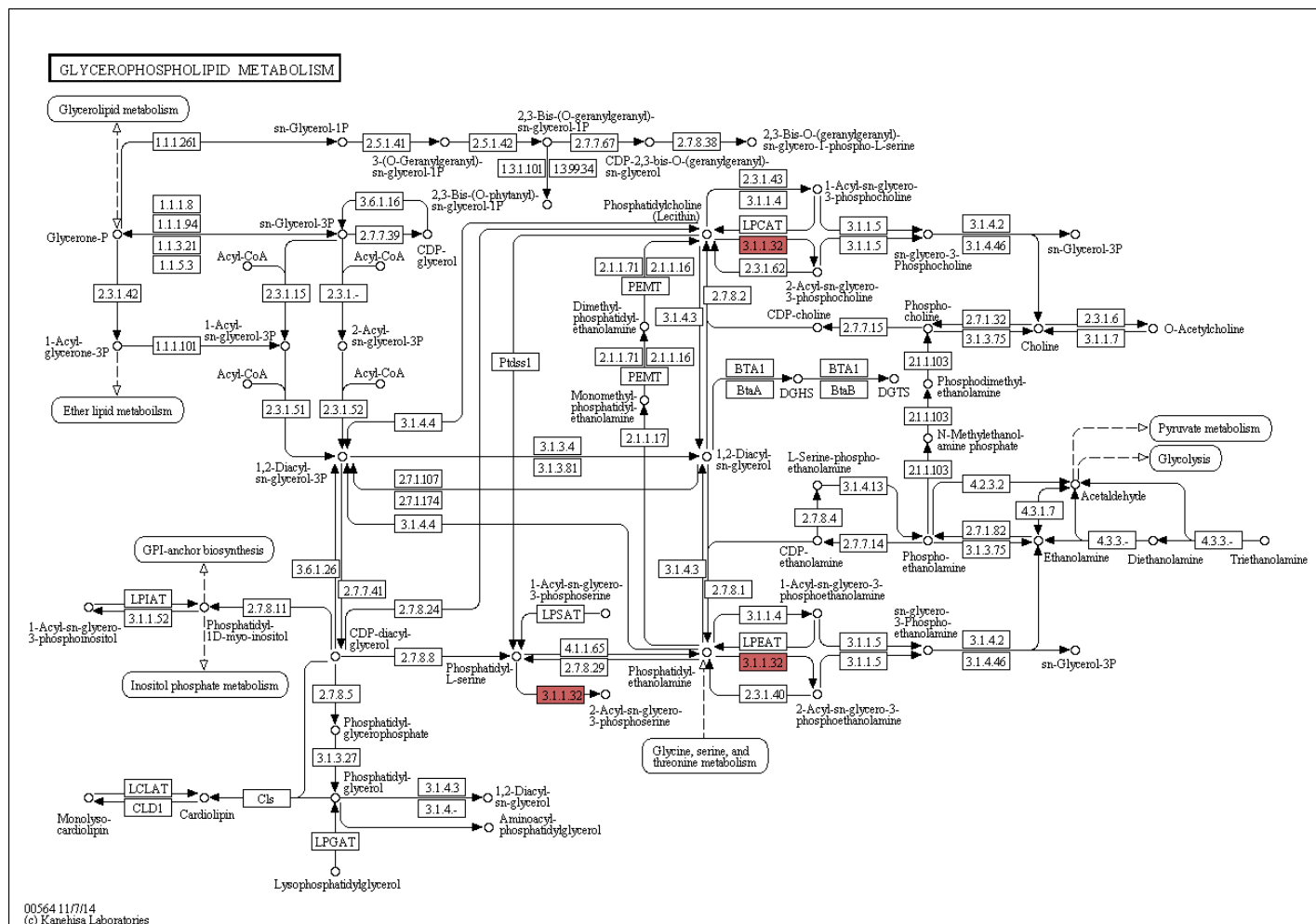


Image S1-image map00564. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

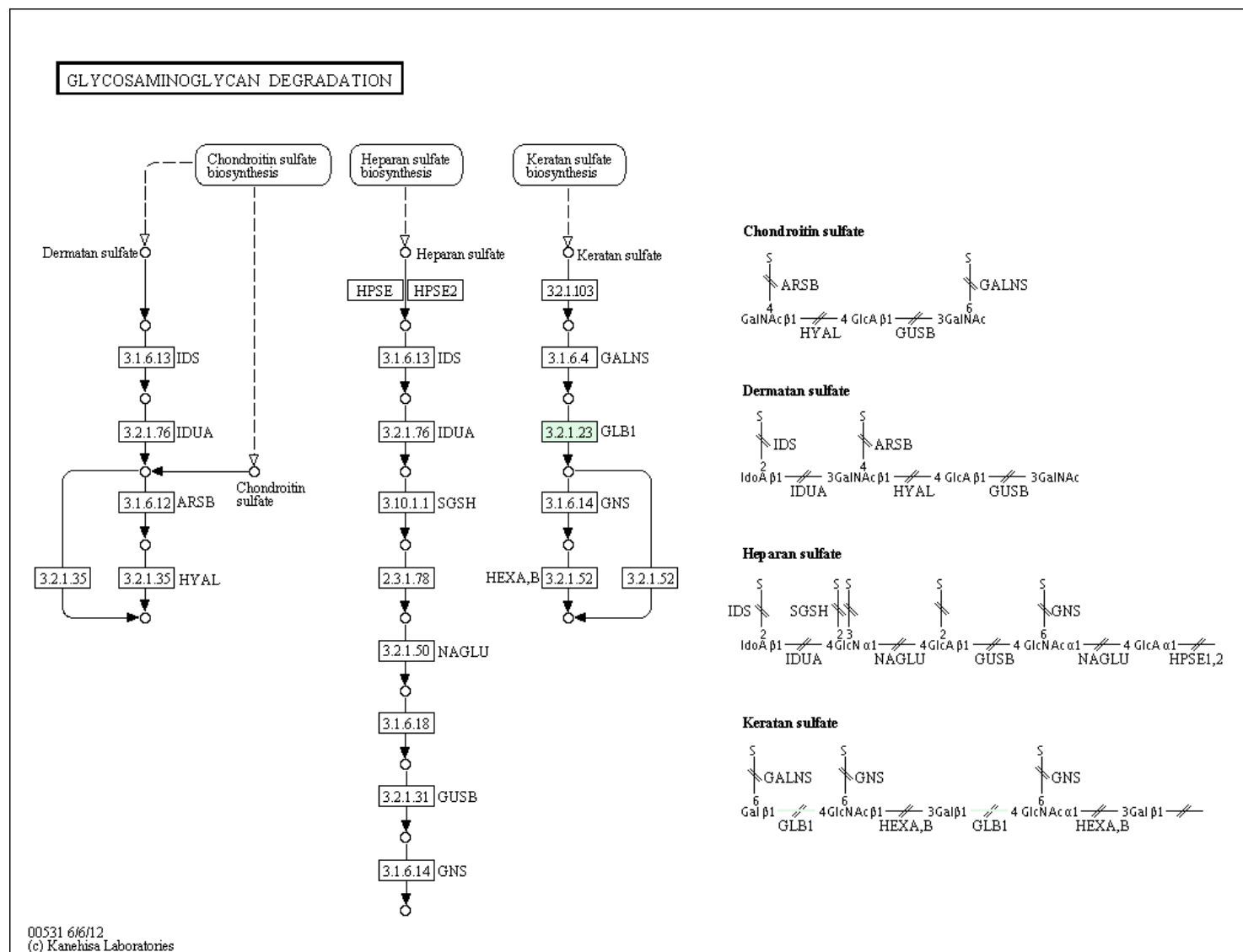


Image S1-image map00531. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

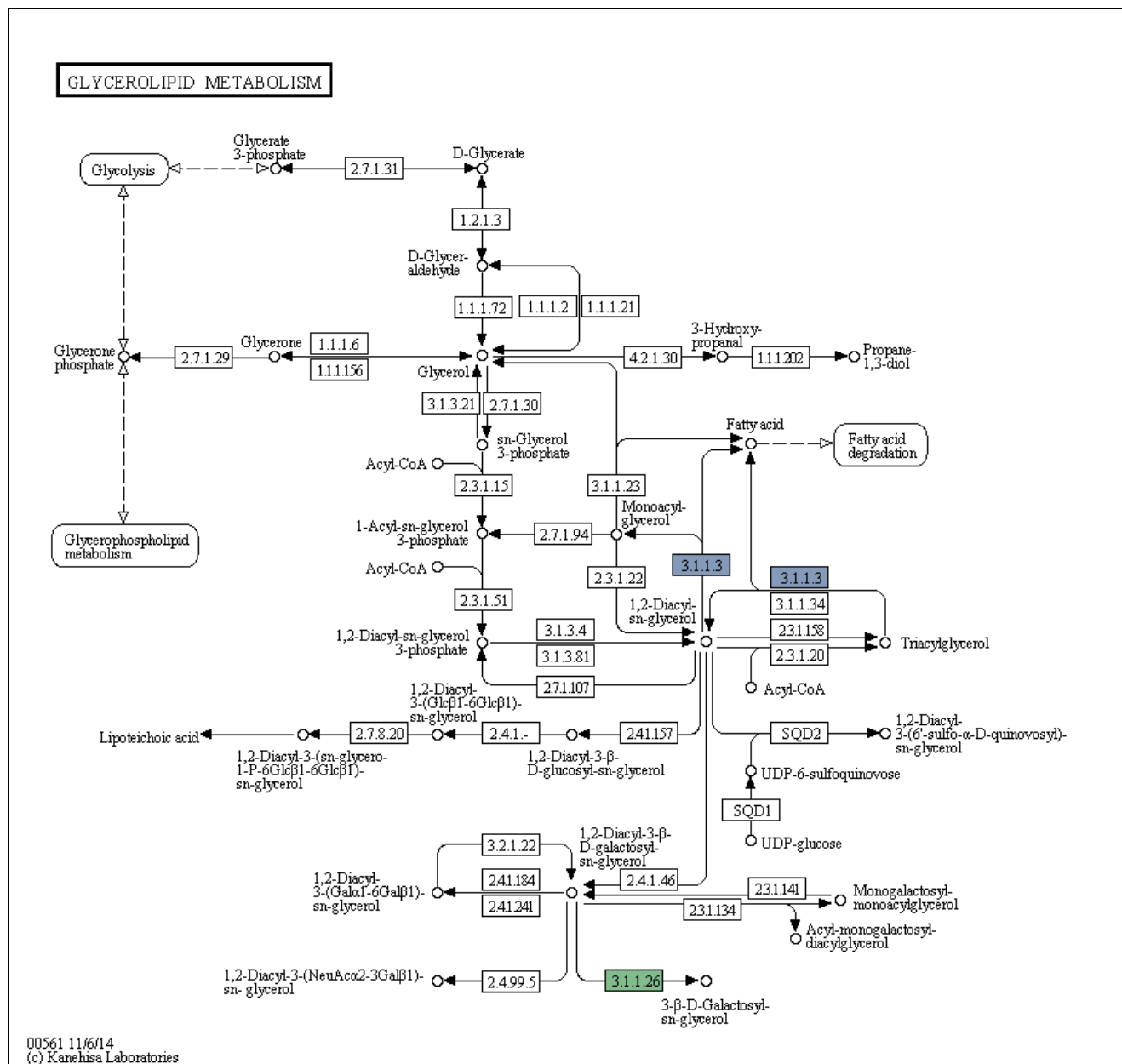


Image S1-image map00561. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Ima. S1-image map00240

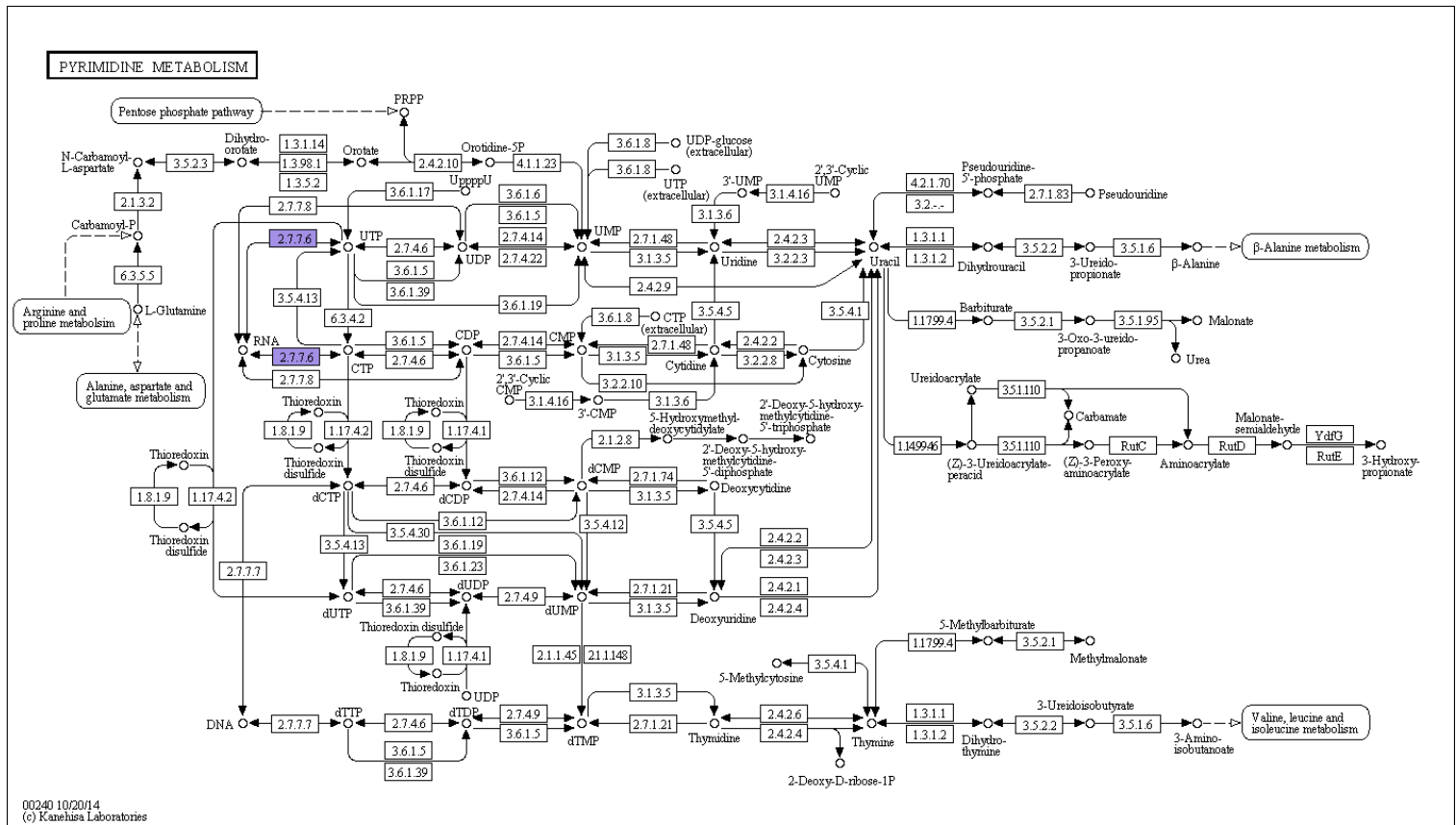


Image S1-image map00240. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

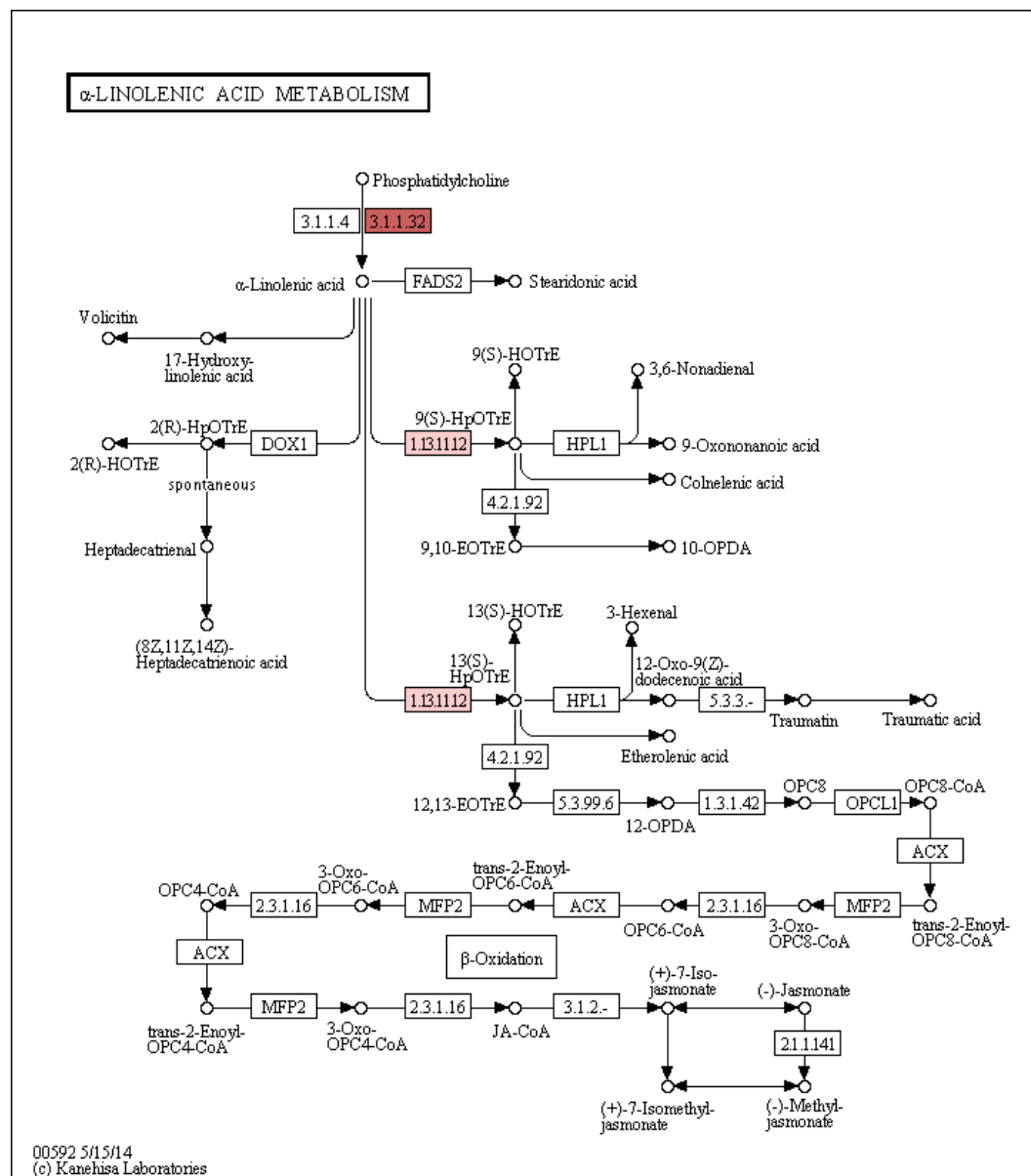


Image S1-image map00592. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Ima. S1-image map00591

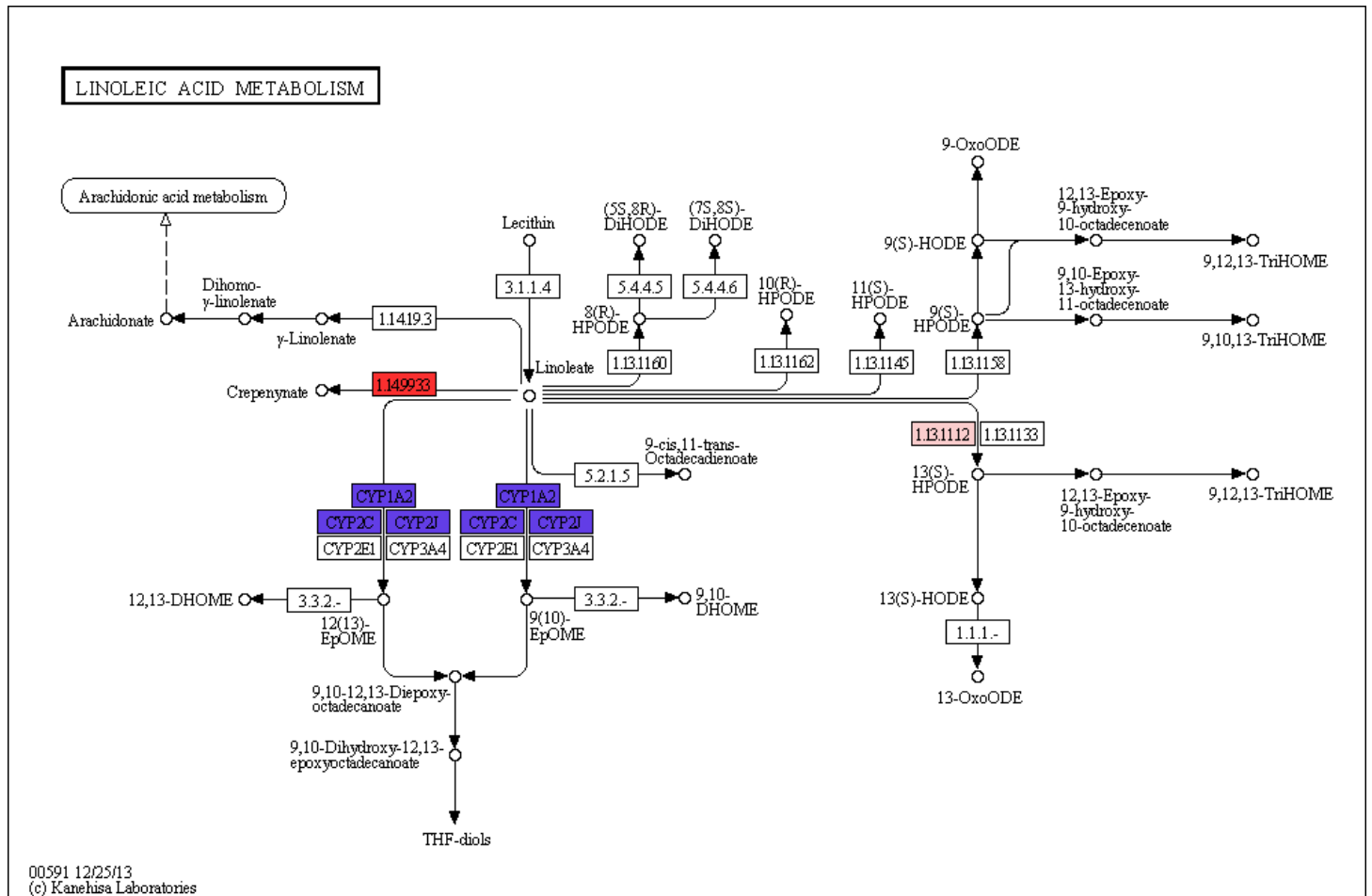


Image S1-image map00591. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

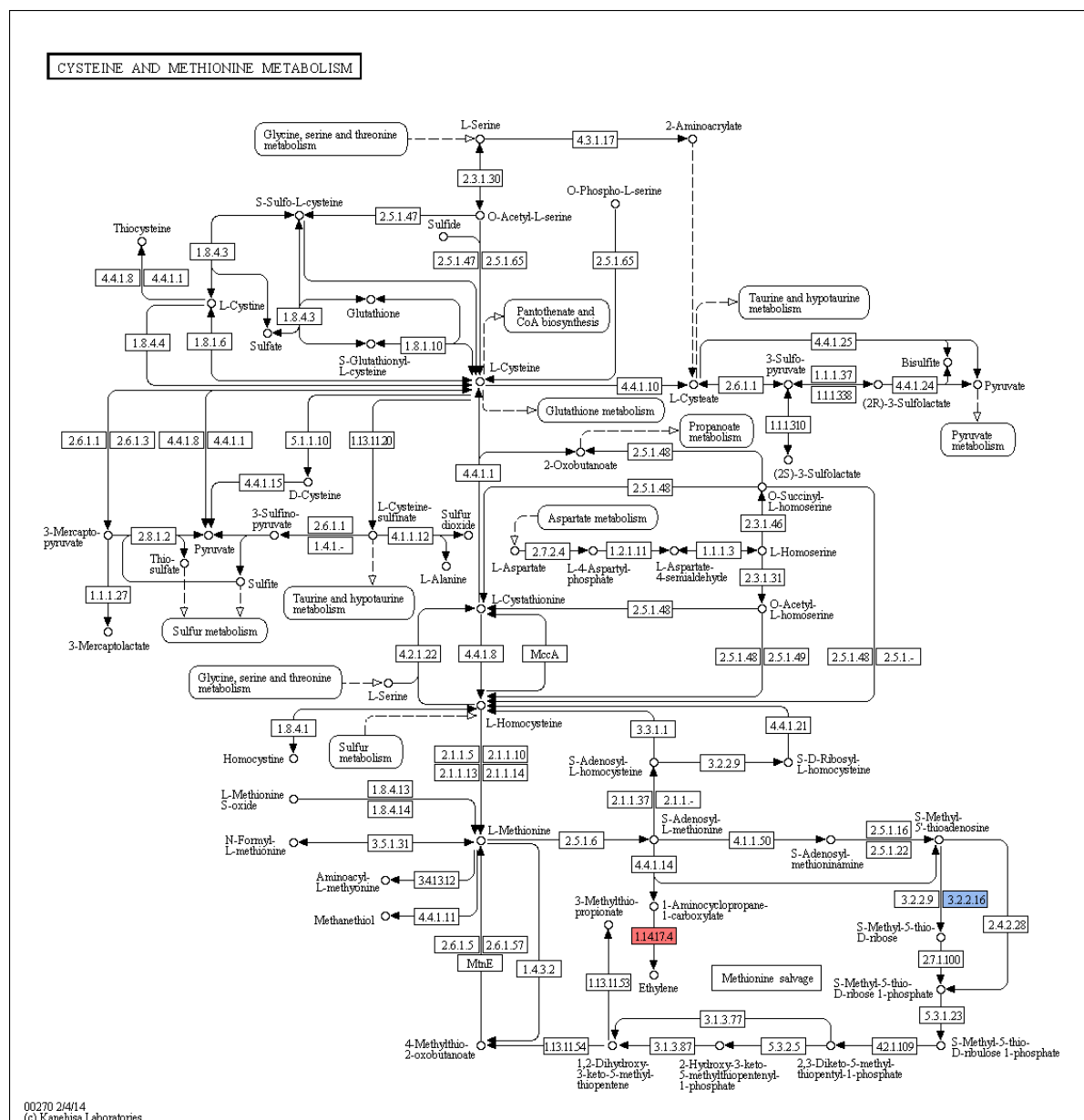


Image S1-image map00270. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

Ima. S1-image map00590

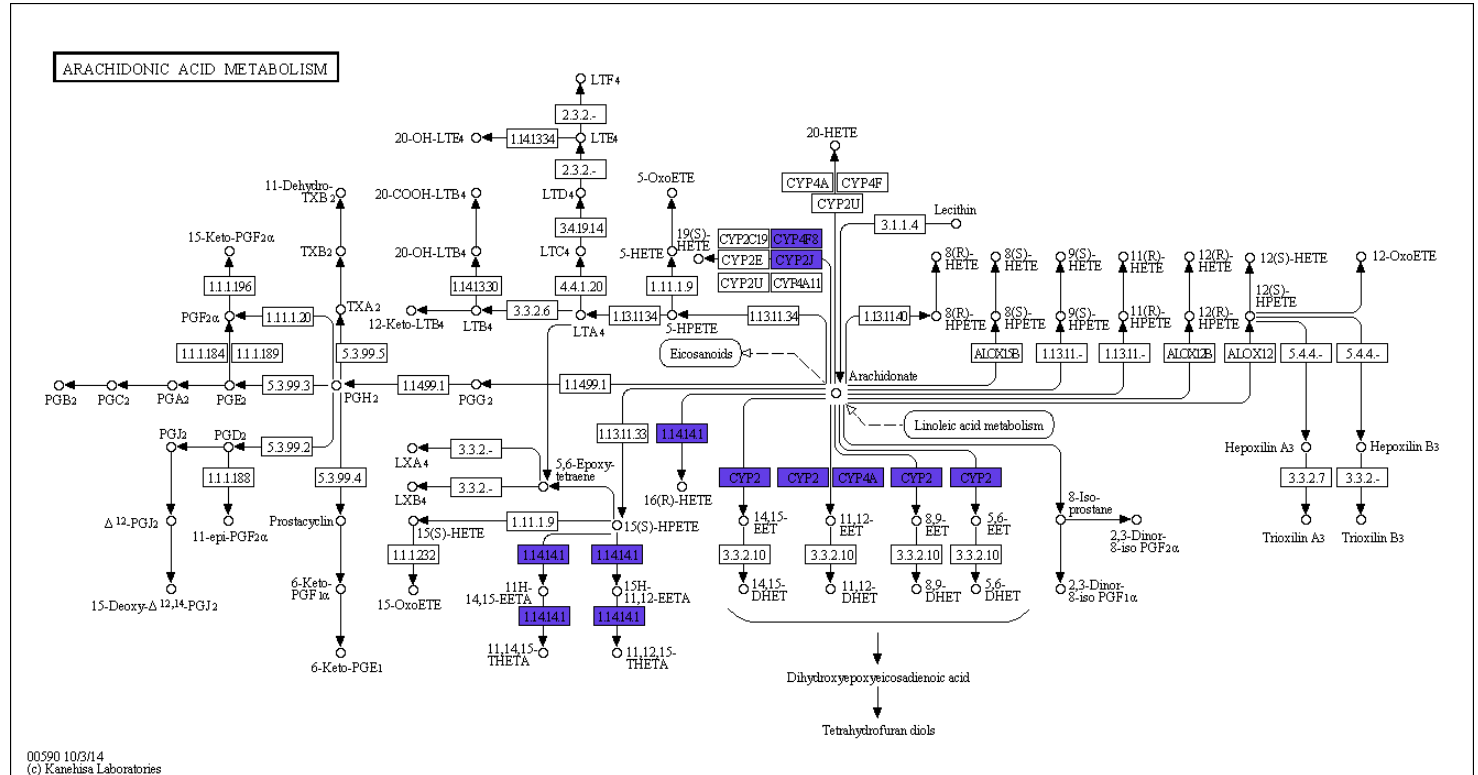


Image S1-image map00590. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

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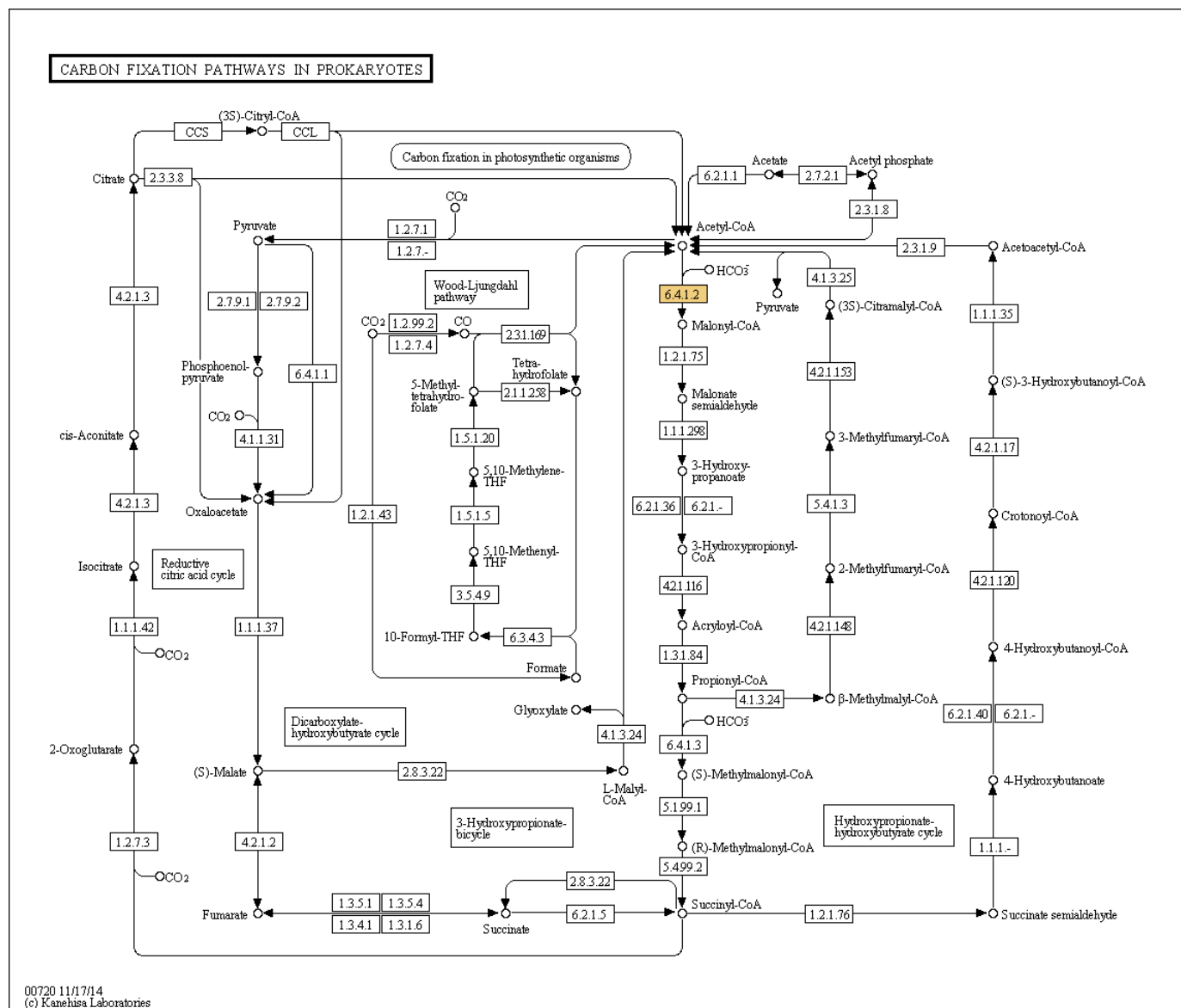


Image S1-image map00720. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).

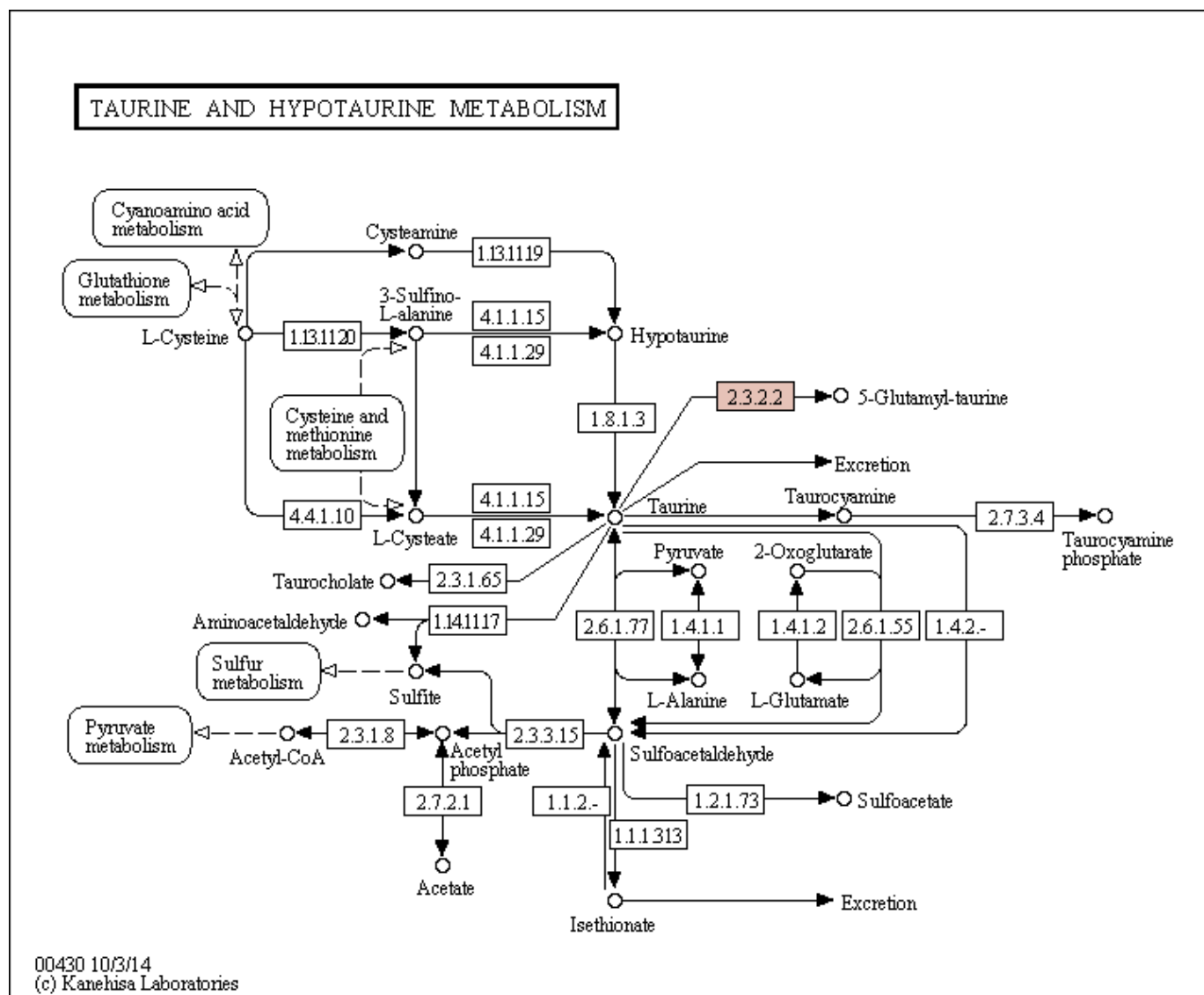


Image S1-image map00430. Enzyme codes (EC) in Supplemental Table S4 are highlighted with different colors (one color for each EC) in the KEGG (Kanehisa et al., 2016) map using the Blast2GO online service (<https://www.blast2go.com>).