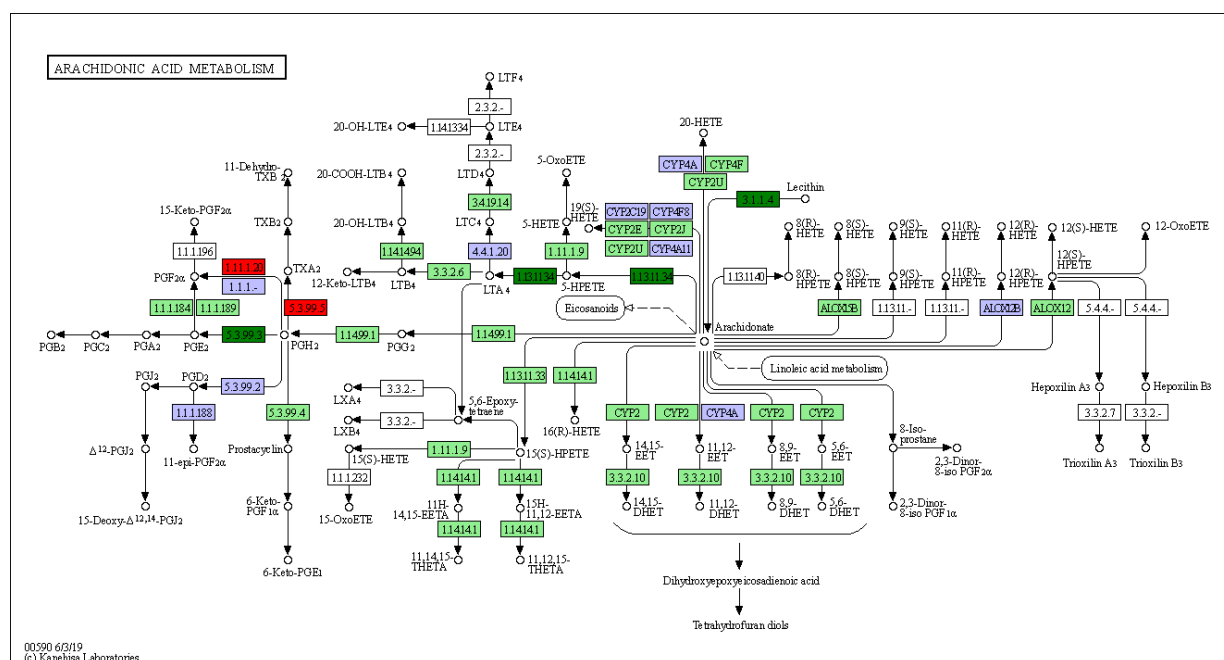
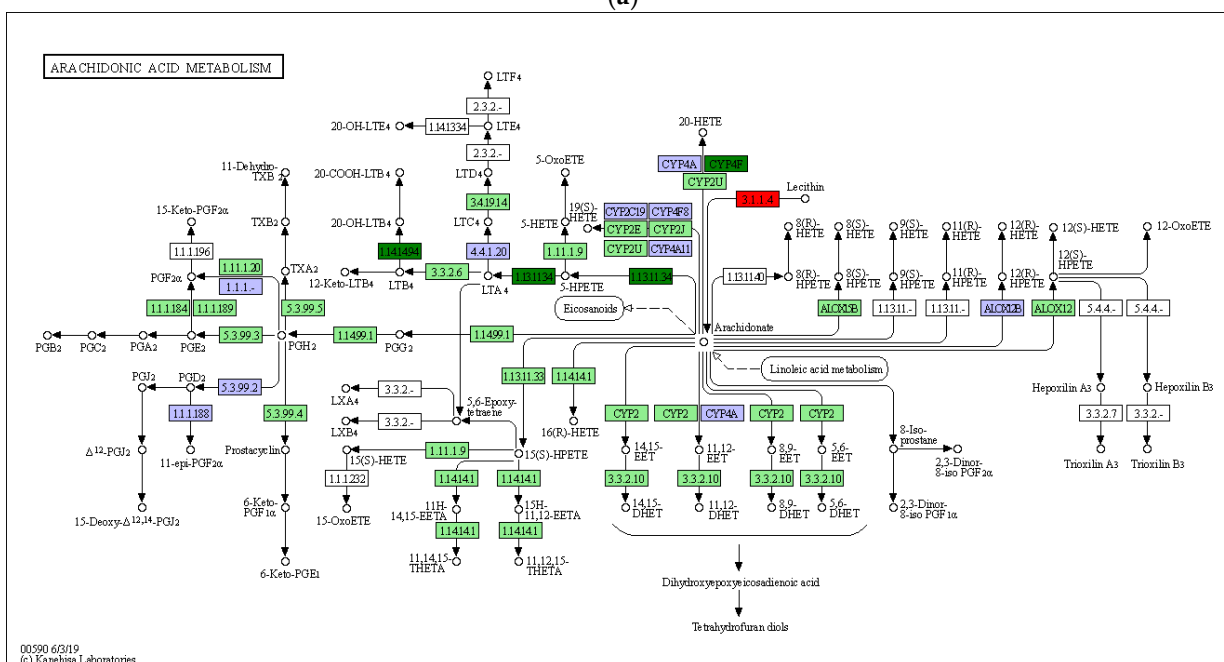


Supplementary materials:



(a)



(b)

Figure S1. Arachidonic acid metabolism (Reproduced with permission from [Kanehisa Laboratories], [KEGG: kyoto encyclopedia of genes and genomes]; published by [Kanehisa and S Goto], [2000]). **(a)** The map of Arachidonic acid metabolism in L vs. BC group; 1.13.11.34: Arachidonate 5-lipoxygenase (Alox5) [84–86]. **(b)** The map of Arachidonic acid metabolism in L-PS vs. PS group; 1.13.11.34: Arachidonate 5-lipoxygenase (Alox5) [84–86].

References

84. Kanehisa, M.; Goto, S. Kegg: Kyoto encyclopedia of genes and genomes. *Nucleic Acids Res.* **2000**, *28*, 27–30.
85. Kanehisa, M. Toward understanding the origin and evolution of cellular organisms. *Protein Sci.: a publication of the Protein Society* **2019**, *28*, 1947–1951.

86. Kanehisa, M.; Furumichi, M.; Sato, Y.; Ishiguro-Watanabe, M.; Tanabe, M. KEGG: Integrating viruses and cellular organisms. *Nucleic Acids Res.* **2021**, *49*, D545–D551.