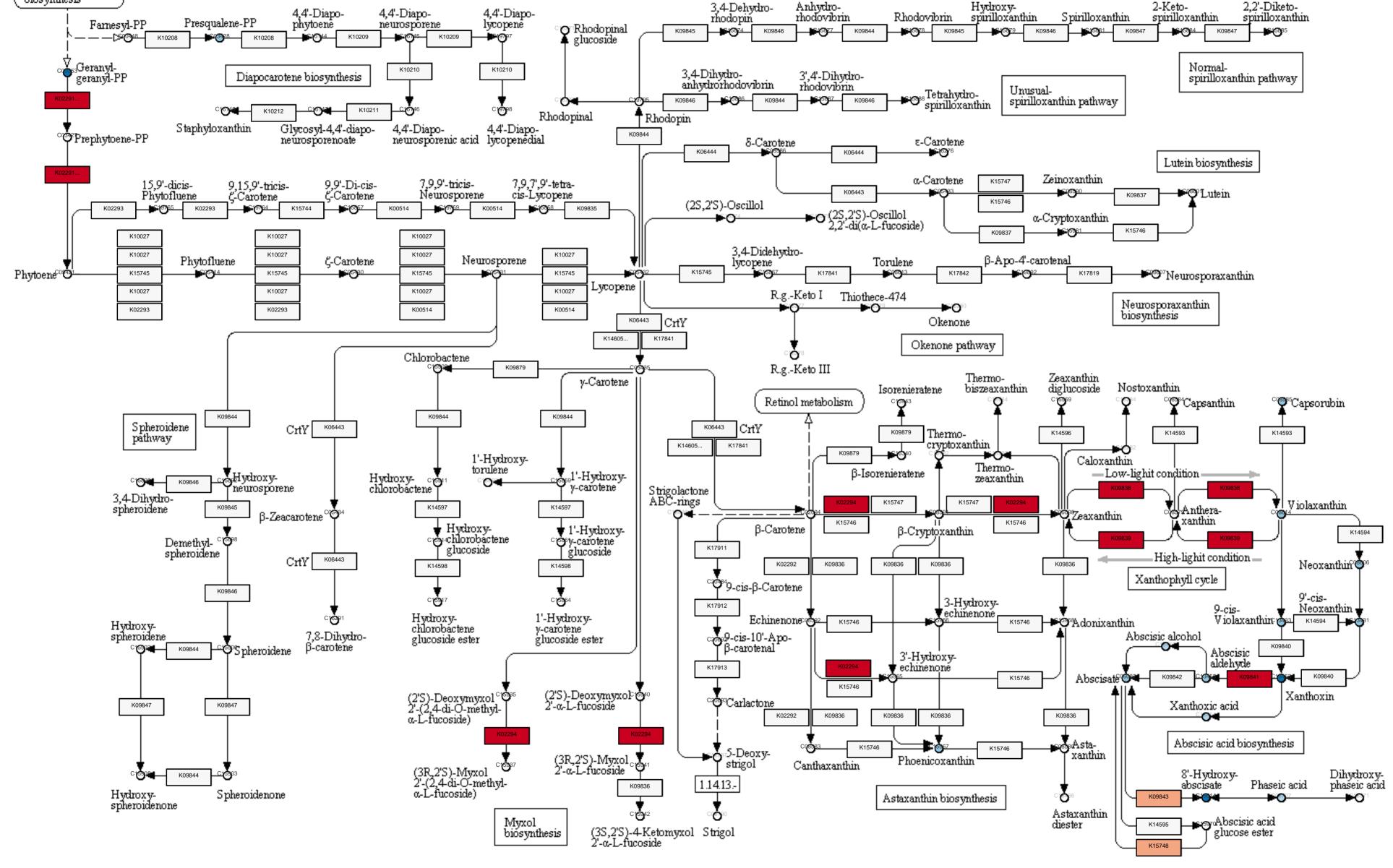
CAROTENOID BIOSYNTHESIS Terpenoid backbone biosynthesis Anhydro-rhodovibrin 3,4-Dehydro-rhodopin Hydroxy-spirilloxanthin 4,4'-Diapo-4,4'-Diapo-4,4'-Diapo-Rhodovibrin Presqualene-PP Farnesyl-PP phytoene néurospôrene lycopene Rhodopinal K09845 K09844 K10209 K10209 **-197**97 glucoside ₆₃Geranyl-geranyl-PP K10210 K10210 3,4-Dihydro-anhydrorhodovibrin 3',4'-Dihydro-rhodovibrin Diapocarotene biosynthesis Tetrahydro-Unusual-K09846 spirilloxanthin C10044 K10212 Rhodopinal Rhodopin 4,4'-Diapo-Staphyloxanthin Glycosyl-4,4'-diapo-4,4'-Diapo-்**ு** Prephytoene-PP K09844 neurosporenoate neurosporenic acid lycopenedial ε-Carotene δ-Carotene K06444 K06444 **-**6-6276 α-Carotene Zeinoxanthin 7,9,9'-tricis-Neurosporene 7,9,7',9'-tetra-cis-Lycopene K15747 9,9'-Di-cis-15,9'-dicis-9,15,9'-tricis-_ζ-Carotene__ K06443 Phytofluene ζ-Carotene K15746 (2S,2'S)-Oscillol K02293 K00514 K09835 ►⊙ (2S,2'S)-Oscillol 2,2'-di(α-L-fucoside) α-Cryptoxanthin K09837 K10027 K10027 K10027 3,4-Didehydro-K10027 K10027 K10027 K10027 Phytofluene Neurosporene ζ-Carotene β-Apo-4'-carotena<u>l</u> Torulene lycopene : Phytoene^{co} K15745 K15745 K15745 K15745 K17841 K17842 K17819



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