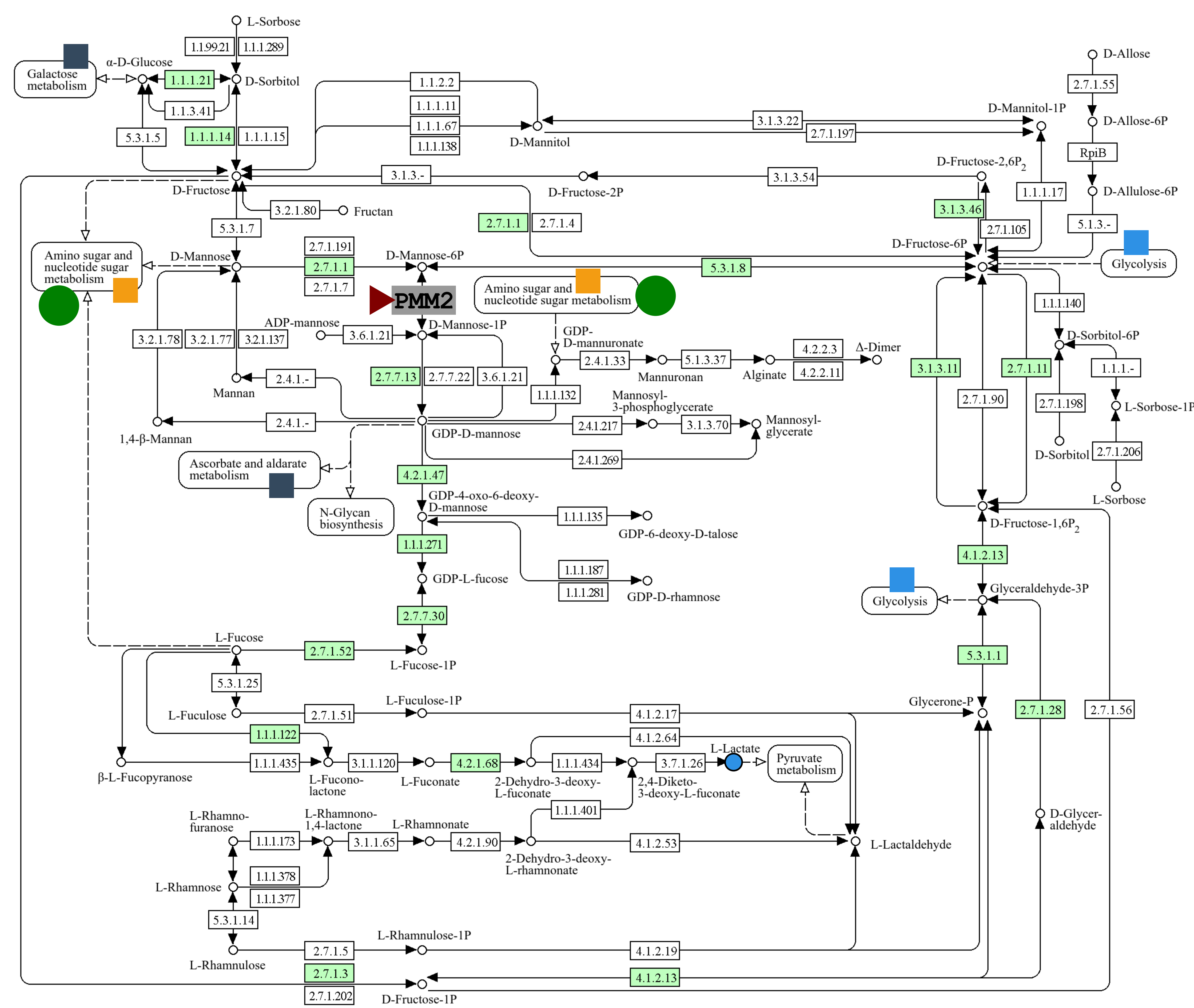
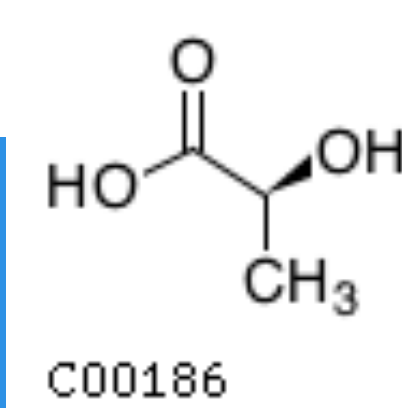


FRUCTOSE AND MANNOSE METABOLISM

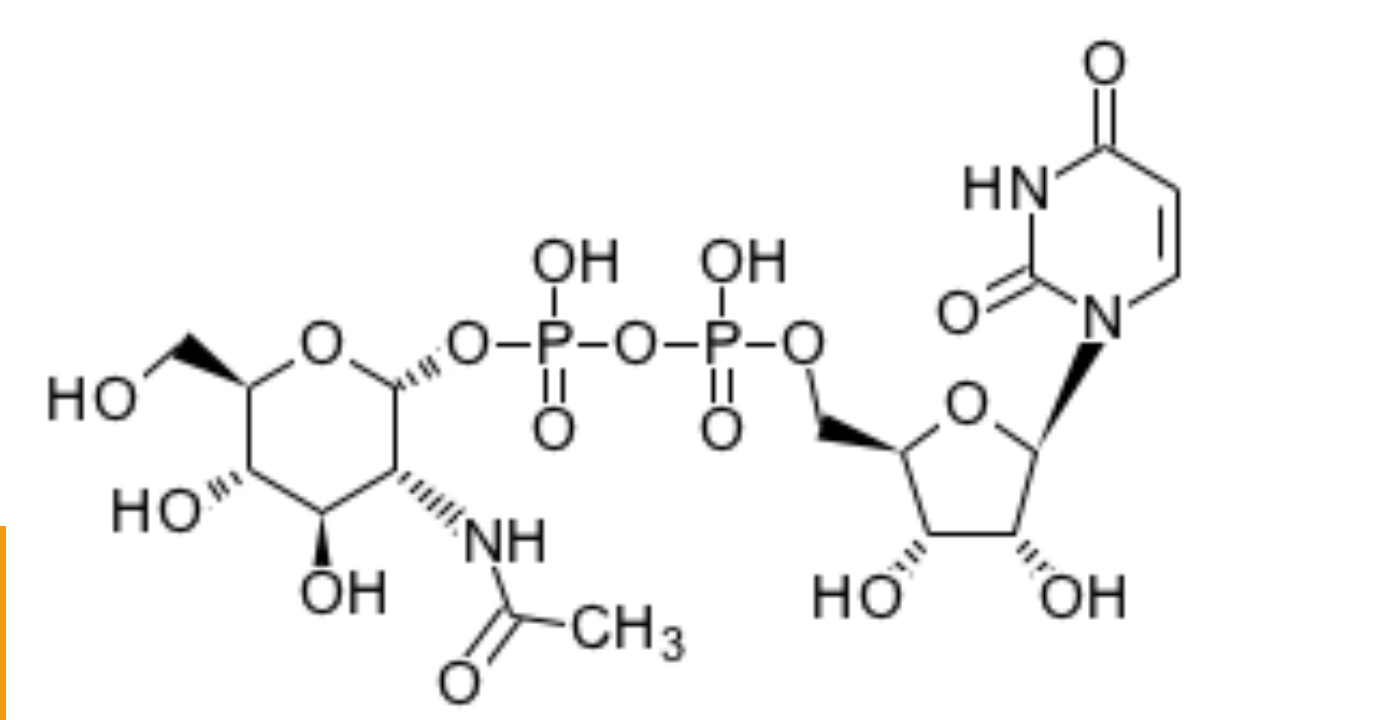


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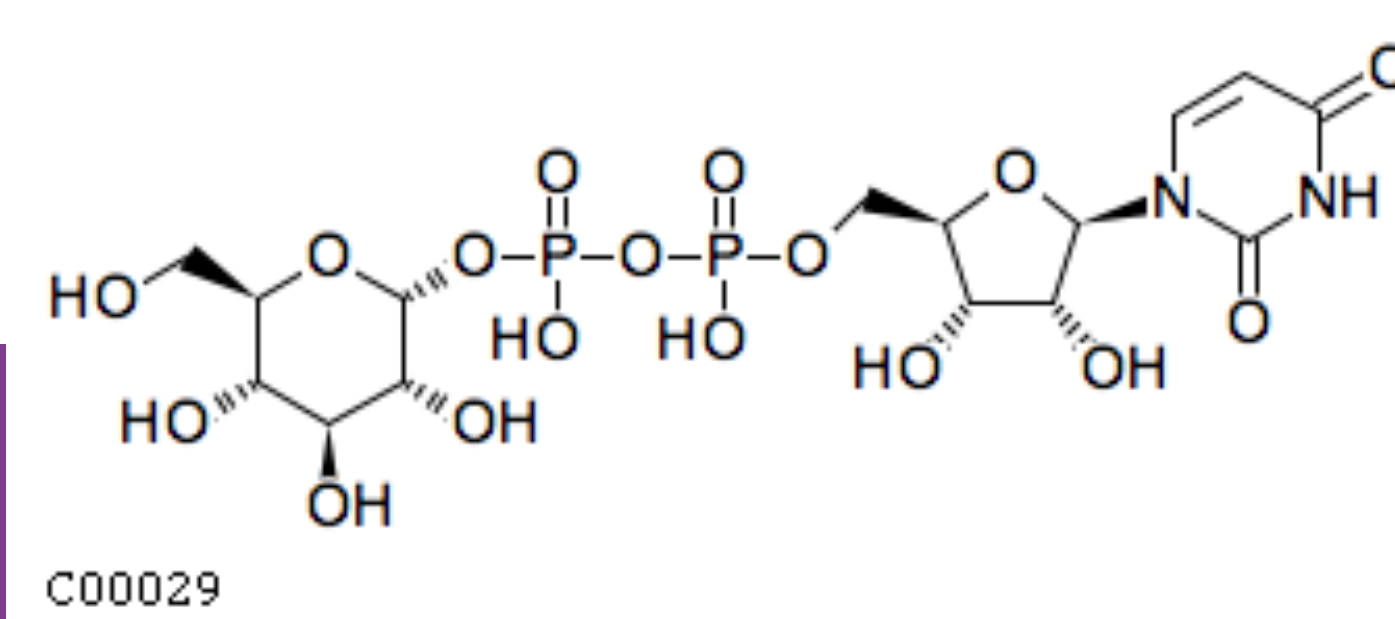
Lactate



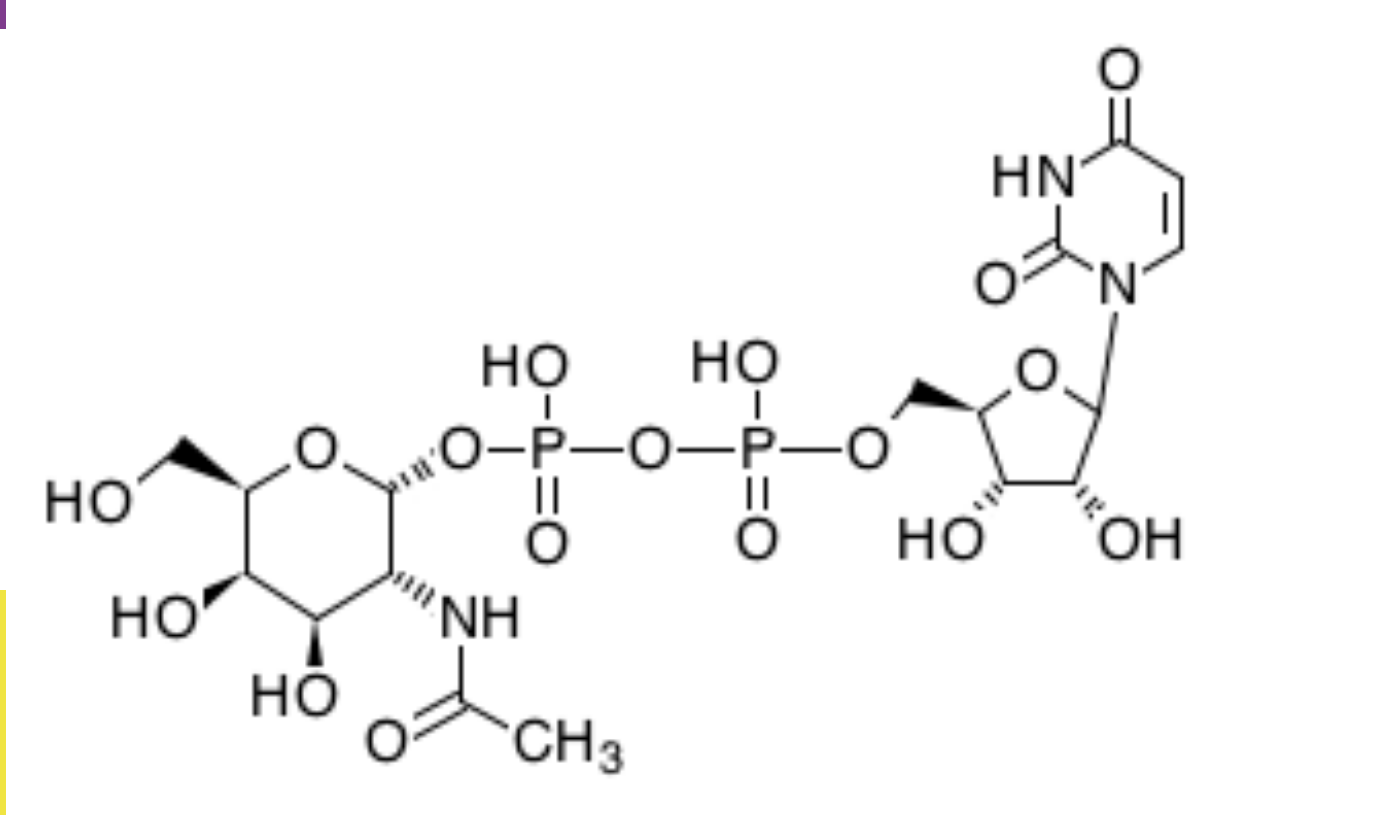
UDP-N-acetyl-glucosamine



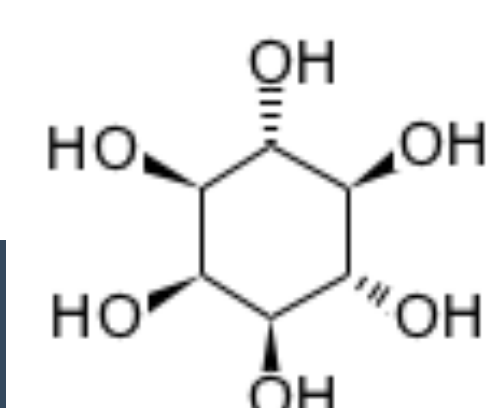
UDP-glucose



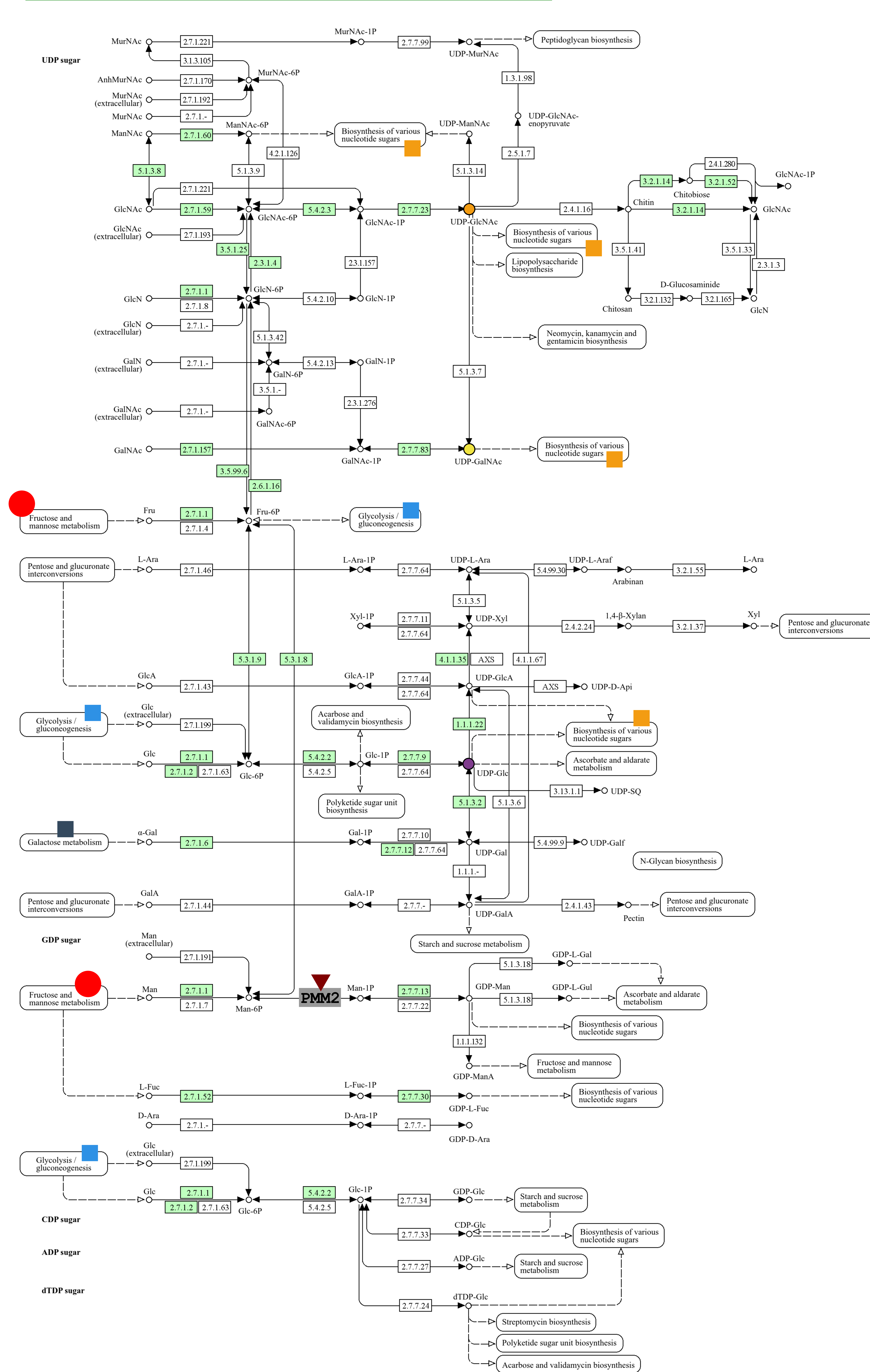
UDP-N-acetyl-galactosamine



myo-Inositol



AMINO SUGAR AND NUCLEOTIDE SUGAR METABOLISM



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“Supporting Figure 1. Non-currency metabolites proximal to PMM2 and perturbed by Lipo-Glc-1,6-P₂ treatment. KEGG pathway maps for Fructose and mannose metabolism (hsa00051) and Amino sugar and nucleotide sugar metabolism (hsa00520) are shown; and the significantly changed metabolites identified in our dataset and associated to first-degree neighbors of the PMM2 pathways are marked as rectangles (if associated to neighbors) or circles (if within displayed pathway): lactate (C00186) in blue; UDP-GlcNAc (C00043) in orange; UDP-glucose (C00029) in purple; UDP-GalNAc (C00203) in yellow; myo-inositol (C00137) in slate. Each pathway is referenced in the other as filled circle (green for hsa00520 and red for hsa00051) ”