## FRUCTOSE AND MANNOSE METABOLISM ~Sorbose D-Allose α-D-Glucose 1.1.2.2 Galactose K00011 -Sorbitol metabolism D-Mannitol-1P 3.1.3.22 °**©**°2D-Allose-6P K00045 K00008 K01805 1.1.1.15 D-Mannitol 1.1.1.138 D-Fructose-2,6P2 3.1.3.-**04** 3.1.3.54 D-Fructose °**°**©D-Allulose-6P D-Fructose-2P <sup>c</sup>**©**⁵5Fructan K00844 K00847 5.3.1.7 β-D-Fructose-6P ₩ K02793.. Amino sugar and D-Mannose-6P D-Mannose Glycolysis K00844 nucleotide sugar K01809. metabolism 2.7.1.7 Amino sugar and nucleotide sugar metabolism ADP-mannose D-Mannose-1P GDP-▼<u>D</u>-Sorbitol-6P K01218. 3.2.1.77 321.137 D-mannuronate ∆-Dimer 2.4.1.33 Alginate 4.2.2.11 2.7.7.22 3.6.1.21 2.4.1.-**04** Mannan Mannosyl-3-phosphogl<u>ycerate</u> K00895 °🌣 L-Sorbose-1P **⊭⊚**Mannosyl-2.4.1.glycerate GDP-D-mannose 1,4-β-Mannan D-Sorbitol N-Glycan biosynthesis GDP-4-oxo-6-deoxy-D-mannose L-Sorbose 1.1.1.135 **F** β-D-Fructose-1,6P2 GDP-6-deoxy-D-talose 1.1.1.187 °**©**GDP-L-fucose Glyceraldehyde-3P GDP-D-rhamnose Glycolysis L-Fucose K01803 L-Fucose-1P L-Fuculose-1P Glycerone-P K00882 L-Fuculose L-Lactate Pyruvate K00064... metabolism L-Fucono-2,4-Diketo-3-deoxy-L-fuconate L-Fuconate 2-Dehydro-3-deoxylactone L-fuconate L-Rhamnono-L-Rhamno-°**♥**D-Glycer-L-Rhamnonate 1,4-lactone furanose 🛕 aldehýde K12660... L-Lactaldehyde 2-Dehydro-3-deoxy-L-rhamnonate L-Rhamnose 🖤 L-Rhamnulose-1P L-Rhamnulose K00846 D-Fructose-1P 00051 3/7/16 (c) Kanehisa Laboratories