## FRUCTOSE AND MANNOSE METABOLISM °**©**⁴L-Sorbose °**™**D-Allose K08261 K17742... α-D-Glucose 1.1.2.2 K00881 Galactose D-Sorbitol K00007 metabolism D-Mannitol-1P 3.1.3.22 ്**്**P-Allose-6P K00045 K00008 1.1.1.15 D-Mannitol 1.1.1.138 D-Fructose-2,6P2 3.1.3.-04 3.1.3.54 D-Fructose 4 °**ॐ**D-Allulose-6P D-Fructose-2P K03332 \_coo⁵Fructan K00844 K00847 K17195 5.3.1.7 β-D-Fructose-6P Amino sugar and D-Mannose-6P D-Mannose \ Glycolysis K00844 nucleotide sugar K01809... metabolism 2.7.1.7 Amino sugar and nucleotide sugar metabolism K00068 ADP-mannose D-Mannose-1P GDP-K18447 3.2.1.77 321.137 D-mannuronate ∆-Dimer 2.4.1.33 **-**10092 4.2.2.11 Alginate 2.7.7.22 3.6.1.21 C00364 Mannan Mannosyl-3-phosphogl<u>ycerate</u> K00895 K02781.. °ФL-Sorbose-1Р **⊭**⊘4Vlannosyl-K00754 K05947 glycerate GDP-D-mannose 1,4-β-Mannan K02812... D-Sorbitol K18818 C0047 N-Glycan GDP-4-oxo-6-deoxy-L-Sorbose D-mannose biosynthesis 1.1.1.135 **₽**0 β-D-Fructose-1,6P2 GDP-6-deoxy-D-talose 1.1.1.187 °**©**GDP-L-fucose Glyceraldehyde-3P K15856 GDP-D-rhamnose Glycolysis K00976 L-Fucose K01803 L-Fucose-1P K01818 L-Fuculose-1P Glycerone-P K00882 2.7.1.28 COL K00879 L-Fuculose L-Lactate Pyruvate K18334 K18335 K18336 metabolism L-Fucono-2-Dehydro-3-deoxy-2,4 Diketo-3-deoxy-L-Fuconate lactone L-fuconate L-fuconate L-Rhamnono-D-Glycer-aldehyde L-Rhamno-L-Rhamnonate 1,4-lactone furanose K18337 K18338 L-Lactaldehyde 2-Dehydro-3-deoxy-K18337 L-rhamnonate L-Rhamnose $^{c}$ K01813... L-Rhamnulose-1P K00848 K01629 L-Rhamnulose K00846 K02768... D-Fructose-1P 00051 10/16/15 (c) Kanehisa Laboratories