## FRUCTOSE AND MANNOSE METABOLISM CL-Sorbose K08261 K17742... OD-Allose α-D-Glucose Galactose ᄸᅳᅜᄶᆇ K00011 🗕 🗘 D-Sorbitol 1.1.2.2 K00881 metabolism K00007 K00594 D-Mannitol-1P 3.1.3.22 Ò D-Allose-6P K00045 K01805 1.1.1.15 D-Mannitol 1.1.1.138 K01808 D-Fructose-2,6P2 3.1.3.-3.1.3.54 D-Fructose K00009 🗘 D-Allulose-6P D-Fructose-2P K14634.. K03332 -**O**°Fructan K00844 PMT\_0136 K17195 5.3.1.7 β-D-Fructose-6P 🖥 K02793... Amino sugar and nucleotide sugar D-Mannose-6P D-Mannose 5 Glycolysis K00844 K01809... metabolism 2.7.1.7 Amino sugar and nucleotide sugar metabolism K17497... K00068 ADP-mannose ♥D-Mannose-1P GDP-D-Sorbitol-6P K01218.. 321.137 3.2.1.77 D-mannuronate ∆-Dimer K01729 K19290... K01795 **PO** PMT\_0568 K00850... K19956 4.2.2.11 PMT\_1952... 2.7.7.22 3.6.1.21 Alginate Mannuronan 2.4.1.-Mannan K00066 Mannosyl-K00895.. K02781.. OL-Sorbose-1P 3-phosphoglycerate **⊭⊙**Mannosyl-2.4.1.-04 K07026 K05947 GDP-D-mannose 👗 glyceraté 1,4-β-Mannan O K02812... D-Sorbitol K18818 K01711 O GDP-4-oxo-6-deoxy-N-Glycan L-Sorbose biosynthesis TD-mannose 1.1.1.135 **₽**0 β-D-Fructose-1,6P2 GDP-6-deoxy-D-talose K02377 PMT\_0537 1.1.1.187 OGDP-L-fucose **PO** ♥Glyceraldehyde-3P K15856 GDP-D-rhamnose Glycolysis K00976 L-Fucose K05305 PMT\_0817 L-Fucose-1P K01818 L-Fuculose-1P Glycerone-P K00863 K00882 K00879 K01628 L-Fuculose L-Lactate Pyruvate K00064.. K18334 K18335 K18336 **冿♡**⊸ ⇔ metabolism 2-Dehydro-3-deoxy-L-fuconate L-Fucono-2,4-Diketo-3-deoxy-L-fuconate L-Fuconate lactone L-Rhamnono-L-Rhamno-°♥D-Glycer-♠ aldehyde 4-lactone L-Rhamnonate furanose K18337 **▶**034 K12660... **►**○ ♣ L-Lactaldehyde 2-Dehydro-3-deoxy-K18337 L-rhamnonate L-Rhamnose 🗘 K18337 K01813... L-Rhamnulose-1P K00848 **►**O K01629 L-Rhamnulose K00846 PMT\_0537 K02768... D-Fructose-1P 00051 4/20/17 (c) Kanehisa Laboratories