Pentose Phosphate Pathway

Structures
Pathway
Reactions
Oxidations
Isomerizations
Carbon Rearrangements
Connections to Other Pathways

Glycogen Metabolism

Structural Considerations
Glycogen Breakdown
Glycogen Phosphorylase
Phosphoglucomutase
Debranching Enzyme
Glycogen Synthesis
UDP-Glucose Pyrophosphorylase
Glycogen Synthase
Branching Enzyme
Regulation
Glycogen Phosphorylase
GPa
GPb
Phosphorylase Kinase
Covalent Modification Regulation
Epinephrine/glucagon Signaling
Activation
Phosphorylation
cAMP
Inactivation
Dephosphorylation
Phosphodiesterase
Insulin Signaling
Phosphoprotein Phosphatase
Regulation
Glucose Effect