High glucose

PFK-2 and FBPase-2 unphosphorylated

fructose-2,6 bis P activates PFK-1 and inhibits FBPase-1

GLYCOLYSIS

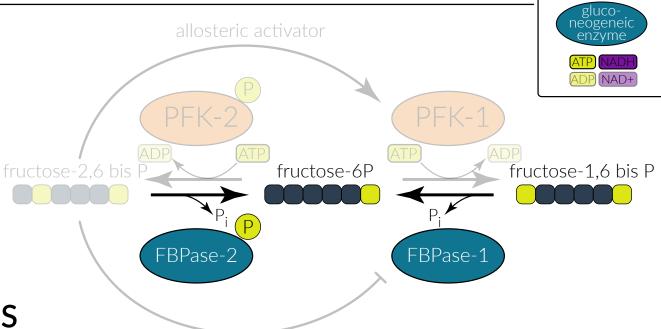
allosteric activator PFK-2 PFK-1 ATP ATP ATP Fructose-2,6 bis P allosteric inhibitor metabolite allosteric inhibitor metabolite enzyme

Low glucose

PFK-2 and FBPase-2 phosphorylated

low fructose-2,6 bis P means PFK-1 inactive and FBPase-1 active

GLUCONEOGENESIS



allosteric inhibitor