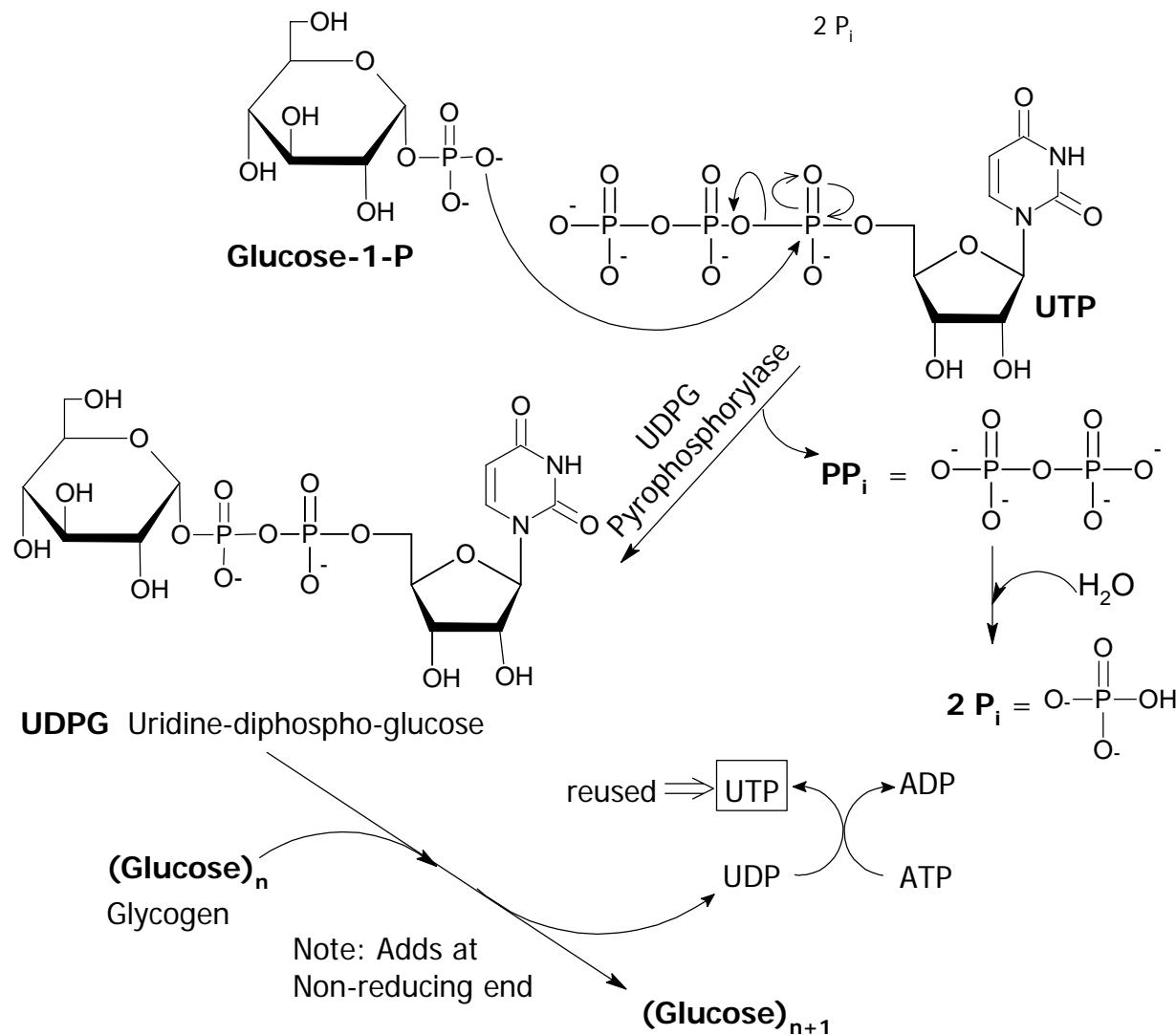


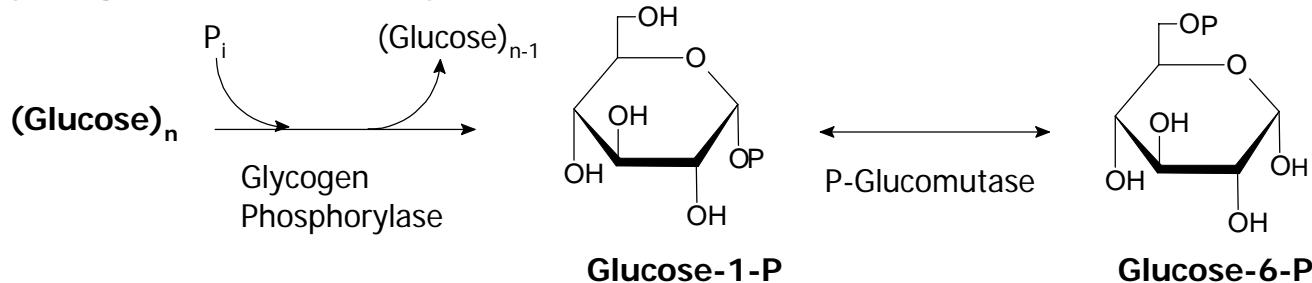
Making and Breaking Glycogen

Glycogen Synthase

Overall RXN: Glucose-1-P + (Glucose)_n \rightleftharpoons (Glucose)_{n+1}



Glycogen Phosphorylase



Note: glycogen phosphorylase cleaves the 1-4 linkage of the non-reducing end of glycogen. The product, glucose-6-P, enters the glycolysis as an intermediate.

Based on a Handout Created by '01 TA Chris Allen