

Fermentation & Respiration

A Computer Program

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SAMPLE SCREENSHOTS

C:\DOCUME~1\Owner\MYDOCU~1\DRENKO~2\DEDSOF~1\FERM&R~1\ATP.EXE

GLYCOLYSIS: Hexokinase or Glucokinase Reaction

Net Reactants	Reactants of This Reaction	Net Products
1 glucose 1 ATP	glucose $ \begin{array}{c} \text{H}-\text{C}-\text{OH} \\ \\ \text{H}-\text{C}-\text{OH} \\ \\ \text{HO}-\text{C}-\text{H} \\ \\ \text{H}-\text{C}-\text{OH} \\ \\ \text{H}-\text{C} \\ \\ \text{CHOH} \\ \text{2} \end{array} $ ATP	

1) Continue to the products of this reaction.
(This is the first reaction in glycolysis and alcoholic fermentation.)
3) Return to the selection of a pathway.

ENTER choice (number): 1

C:\DOCUME~1\Owner\MYDOCU~1\DRENKO~2\DEDSOF~1\FERM&R~1\ATP.EXE

GLYCOLYSIS: Hexokinase or Glucokinase Reaction

Net Reactants	Products of This Reaction	Net Products
1 glucose 1 ATP	glucose 6-phosphate $ \begin{array}{c} \text{H}-\text{C}-\text{OH} \\ \\ \text{H}-\text{C}-\text{OH} \\ \\ \text{HO}-\text{C}-\text{H} \\ \\ \text{H}-\text{C}-\text{OH} \\ \\ \text{H}-\text{C} \\ \\ \text{CHOPOO}^{2-} \\ \text{2} \quad \text{2} \end{array} $ ADP	1 glucose 6-phosphate 1 ADP

1) Continue to the reactant of the next reaction.
2) Return to the reactants of this reaction.
3) Return to the selection of a pathway.

ENTER choice (number): _