

$\Delta G^{\circ} = -289.23$   
 $3 \text{ ADP} + 6 \text{ Orthophosphate} + 3 \text{ GDP} + \text{Cellulose} = 5 \text{ H}_2\text{O} + 3 \text{ ATP} + 4 \text{ CO}_2 + 3 \text{ GTP} + 4 \text{ Ethanol}$

## Analysis of flux set: pyk

