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| Condition |  |  |
| 1. Flux through Lactate dehydrogenase (LDH) should be higher than Mitochondrial pyruvate metabolism (MPM) | Yes |  |
| 1. PEP should be accumulated in PYK\_Silence and the concentration of pyruvate should be low in Silence compared to Control | Yes |  |
| 1. Glucose uptake is higher in Control | Yes |  |
| 1. Increased flux into the serine and glycine pathway is supposed to be observed in PYK\_silence |  | No |
| 1. The MPM/LDH ratio should increase in PYK\_silence | Yes |  |
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