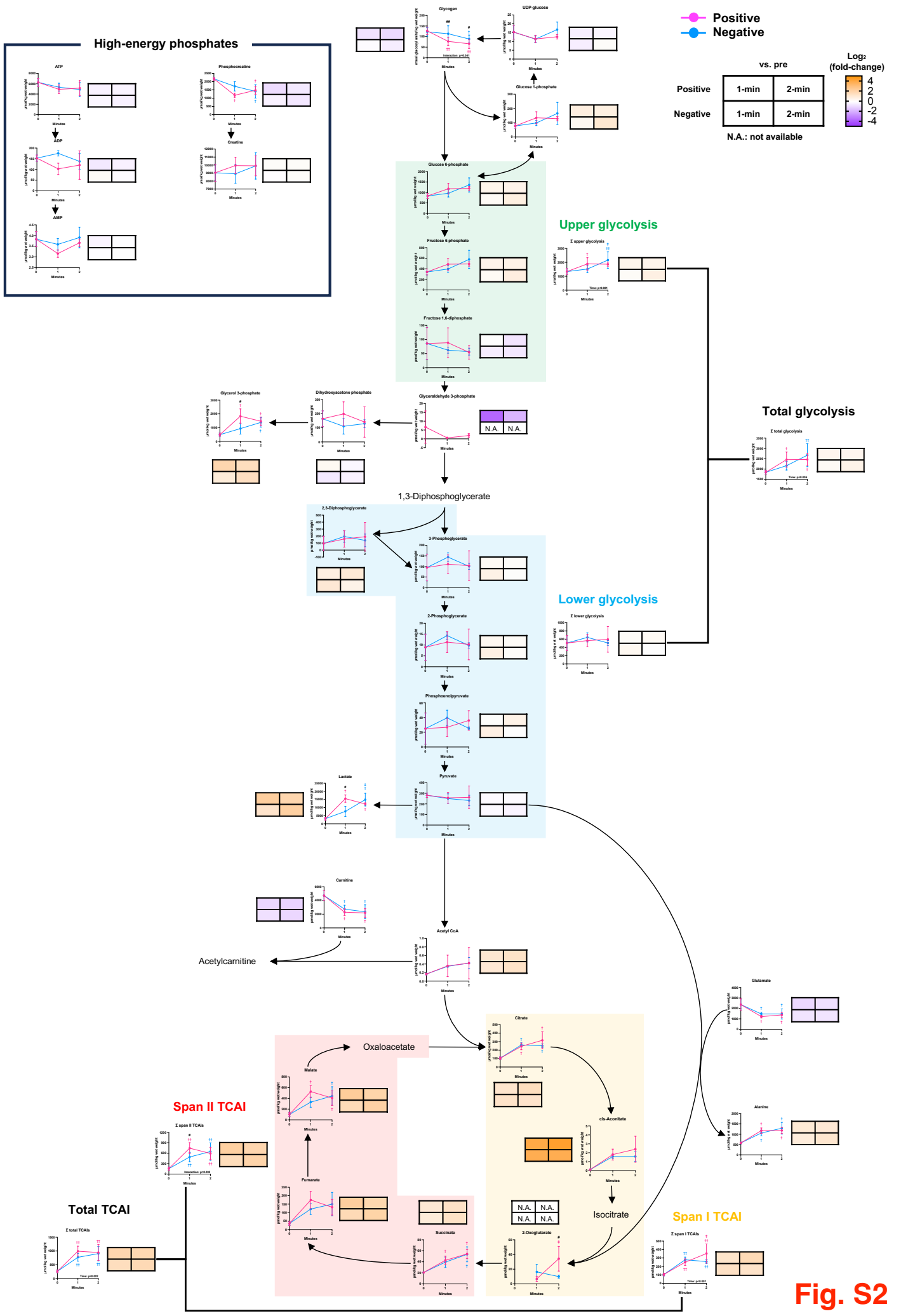
Positive
Negative
vs. pre
Log2 (fold-change)
Positive
1-min
2-min
Negative
1-min
2-min
N.A.: not available
High-energy phosphates
ATP
ADP
AMP
Phosphocreatine
Creatine
Glycogen
UDP-glucose
Glucose 1-phosphate
Glucose 6-phosphate
Fructose 6-phosphate
Fructose 1,6-diphosphate
Upper glycolysis
Glycerol 3-phosphate
Dihydroxyacetone phosphate
Glyceraldehyde 3-phosphate
N.A.
N.A.
Total glycolysis
1,3-Diphosphoglycerate
2,3-Diphosphoglycerate
3-Phosphoglycerate
2-Phosphoglycerate
Phosphoenolpyruvate
Pyruvate
Lower glycolysis
Lactate
Carnitine
Acetylcarnitine
Acetyl CoA
Glutamate
Alanine
Citrate
Oxaloacetate
Malate
Fumarate
Succinate
cis-Aconitate
Isocitrate
2-Oxoglutarate
N.A.
N.A.
N.A.
N.A.
Span II TCAI
Total TCAI
Span I TCAI
Fig. S2