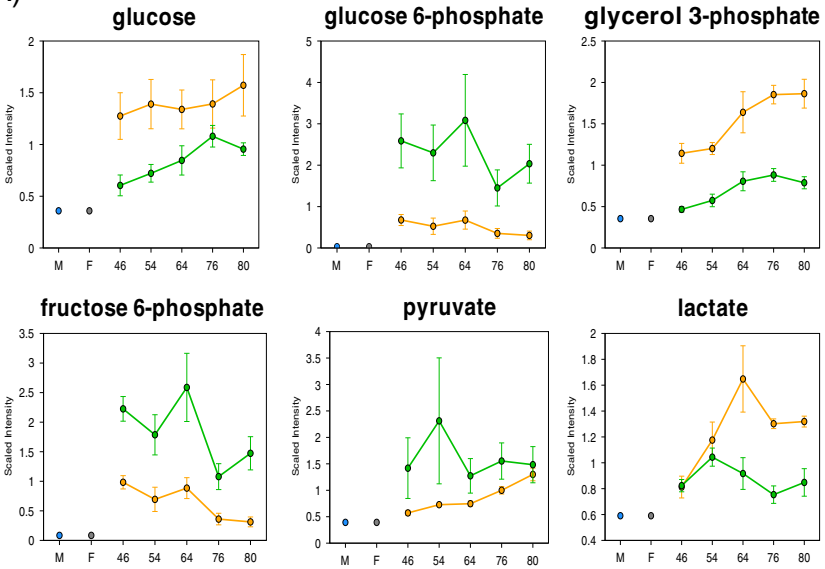
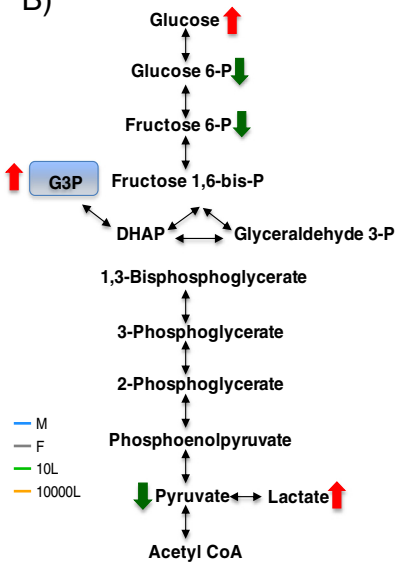
A)



B)



C)

Sub Pathway	Biochemical Name	10L 54hrs / 10L 46hrs	10L 64hrs / 10L 46hrs	10L 76hrs / 10L 46hrs	10L 80hrs / 10L 46hrs	10000L 54hrs / 10000L 46hrs	10000L 64hrs / 10000L 46hrs	10000L 76hrs / 10000L 46hrs	10000L 80hrs / 10000L 46hrs
Glycolysis, gluconeogenesis, pyruvate metabolism	2-isopropylmalate	1.01	1.05	0.93	0.93	1.03	1	0.88	0.83
	glycerate	0.77	0.69	1.19	1.1	1.04	1.04	1.05	1.04
	glucose-6-phosphate (G6P)	0.89	1.19	0.56	0.79	0.78	1	0.52	0.45
	glucose 1-phosphate	0.7	1.21	0.73	0.76	0.8	1.2	1	0.8
	glucose	1.19	1.4	1.79	1.58	1.09	1.05	1.09	1.23
	1,6-anhydroglucose	1.1	1.2	1.36	1.37	1.23	1.33	1.57	1.69
	fructose-6-phosphate	0.8	1.16	0.49	0.66	0.71	0.9	0.37	0.32
	fructose 1-phosphate	0.55	0.99	0.19	0.13	0.69	0.82	0.05	0.01
	Isobar: fructose 1,6diphosphate, glucose 1,6diphosphate, myo-inositol 1,4 or 1,3-diphosphate	0.31	0.45	0.09	0.12	0.18	0.19	0.05	0.03
	1,3-dihydroxyacetone	1.36	1.12	1.39	1.7	2.22	2.66	4.47	4.8
	pyruvate	1.63	0.9	1.09	1.05	1.27	1.31	1.75	2.27
	lactate	1.27	1.11	0.92	1.03	1.45	2.03	1.6	1.62
	2,3-butanediol	1.31	1.68	1.86	1.92	1.22	1.22	1.79	1.66