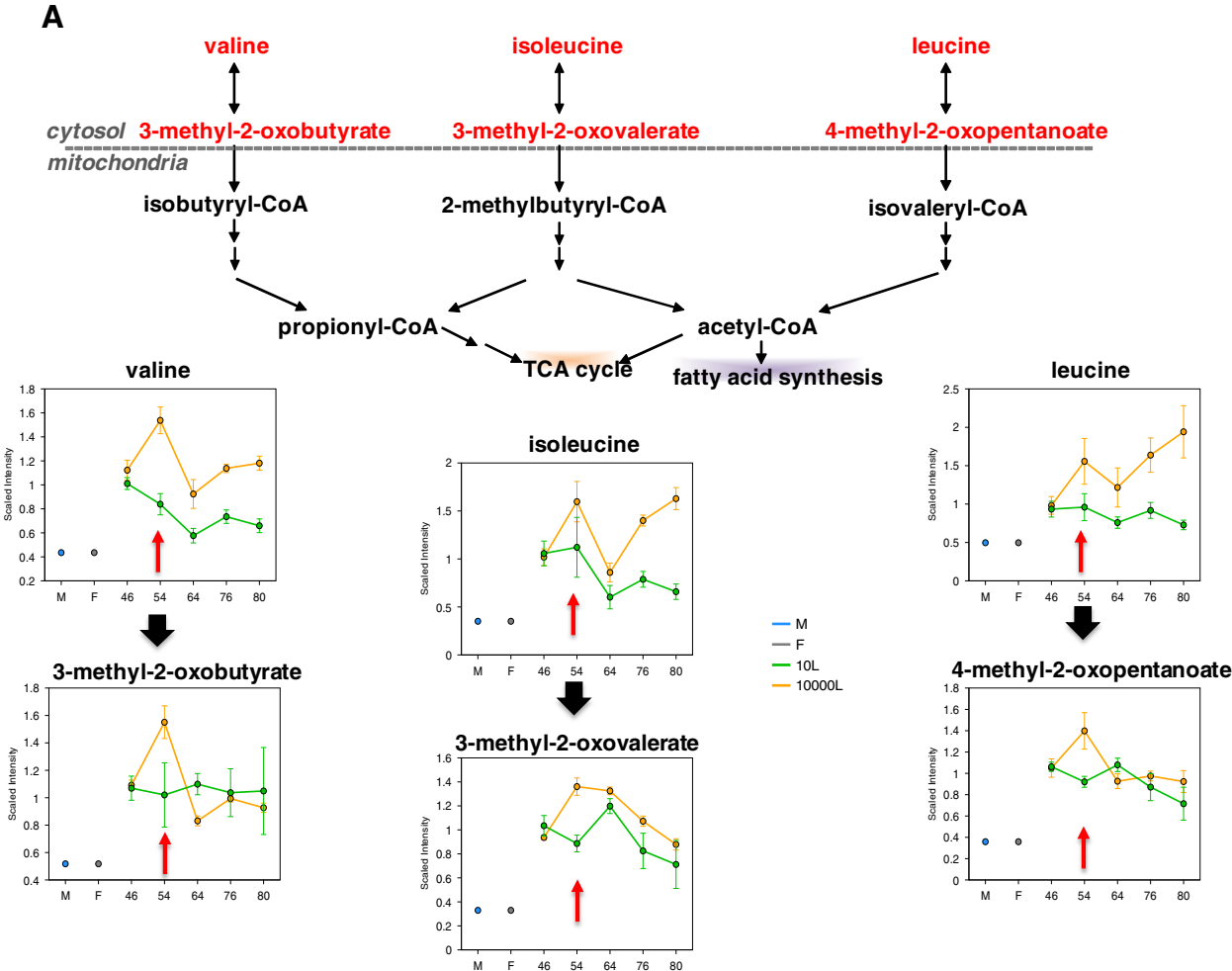




B

Sub Pathway	Biochemical Name	10L 54hrs 10L 46hrs	10L 64hrs 10L 46hrs	10L 76hrs 10L 46hrs	10L 80hrs 10L 46hrs	1000L 54hrs 1000L 46hrs	1000L 64hrs 1000L 46hrs	1000L 76hrs 1000L 46hrs	1000L 80hrs 1000L 46hrs
Valine, leucine and isoleucine metabolism	3-methyl-2-oxobutyrate	0.95	1.03	0.97	0.98	1.42	0.76	0.91	0.85
	3-methyl-2-oxovalerate	0.86	1.16	0.8	0.69	1.45	1.41	1.15	0.94
	beta-hydroxyisovalerate	1.42	1.01	0.92	0.96	1.26	0.93	0.89	0.82
	alpha-hydroxyisocaproate	1.14	1.32	1.66	1.77	1.74	1.86	2.3	2.55
	isoleucine	1.06	0.57	0.75	0.62	1.57	0.84	1.37	1.6
	leucine	1.03	0.81	0.98	0.78	1.58	1.24	1.67	1.98
	N-acetylvaline	1.44	1.76	1.8	2.14	1.99	2.53	3.35	3.4
	valine	0.83	0.57	0.73	0.65	1.37	0.82	1.01	1.05
	4-methyl-2-oxopentanoate	0.87	1.02	0.82	0.67	1.33	0.88	0.93	0.88
	3-hydroxy-2-methylbutyrate	1.05	1.11	1.2	1.1	1.25	1.48	1.78	1.73
	alpha-hydroxyisovalerate	0.88	1	1.18	1.26	1.45	1.21	1.43	1.54
	isovalerylglycine	1.78	2.62	3.55	3.84	2.56	4.02	6.01	6.83
	2-hydroxy-3-methylvalerate	1.3	1.48	1.79	1.94	1.66	1.64	2.13	2.32
	citramalate	1.26	1.33	1.51	1.56	1.4	1.43	1.86	1.98