

TCA cycle							
Aconitate hydratase			4.95	4.88		10.0	
2-oxoglutarate dehydrogenase complex			4.03	3.96		-7 <b>.</b> 5	
Citrate synthase			4.85	4.88			
Fumarate hydratase			4.88	3.97		-5.0	
socitrate dehydrogenase (NAD)				4.95		-2.5	
Isocitrate dehydrogenase (NADP)	0.00	0.00	-0.55	-0.08			<u>¥</u>
Malate dehydrogenase 2 (NAD)	9.13	9.06	6.25	6.14		-0.0	Reaction flux
Malic Enzyme 2 (NAD)	0.06	0.18	0.31	0.00			Rea
Malic Enzyme 3 (NADP)	0.03	0.03	0.47	0.00		2.5	
Pyruvate carboxylase	0.00	0.00	1.50	0.62		5.0	
Pyruvate dehydrogenase	2.58	2.63	1.42	1.44			
Succinate-CoA ligase (ADP)	-6,56	-6.70	-3.77	-3.89		7.5	
Glutamic pyruvate transaminase (alanine aminotransferase) 2	0.00	0.00	-0.70	0.00		-10.0	
	HEK293 high NAD	293mitoPARP high NAD	HEK293 low NAD	293mitoPARP low NAD		10.0	