

Gene names		Protein names	EC number	LCaam (kcal/mol)	Num in LC
1	Kyat3	Kynurenine--oxoglutarate transaminase 3 (EC 2.6.1.7) (Cysteine-S-conjugate beta-lyase 2) (EC 4.4.1.13) (Kynurenine aminotransferase 3) (Kynurenine aminotransferase III) (KATIII) (Kynurenine--glyoxylate transaminase) (EC 2.6.1.63) (Kynurenine--oxoglutarate transaminase III)	2.6.1.7;	-7.400000	27
	Ccbl2		4.4.1.13;		
	Kat3		2.6.1.63		
2	Etnppl Agxt2l1	Ethanolamine-phosphate phospho-lyase (EC 4.2.3.2) (Alanine--glyoxylate aminotransferase 2-like 1)	4.2.3.2	-6.950000	23
3	Shmt1 Shmt	Serine hydroxymethyltransferase, cytosolic (SHMT) (EC 2.1.2.1) (Glycine hydroxymethyltransferase) (Serine methylase)	2.1.2.1	-6.620000	78
4	Pygl	Glycogen phosphorylase, liver form (EC 2.4.1.1)	2.4.1.1	-6.080000	54
5	Psat1 Psa Psat	Phosphoserine aminotransferase (PSAT) (EC 2.6.1.52) (Endometrial progesterone-induced protein) (EPIP) (Phosphohydroxythreonine aminotransferase)	2.6.1.52	-6.000000	8
6	Odc1 Odc	Ornithine decarboxylase (ODC) (EC 4.1.1.17)	4.1.1.17	-5.950000	30
7	Got1l1	Putative aspartate aminotransferase, cytoplasmic 2 (EC 2.6.1.1) (Glutamate oxaloacetate transaminase 1-like protein 1) (Transaminase A-like protein 1)	2.6.1.1	-5.900000	47
8	Tha1 Gly1	L-threonine aldolase (Threonine aldolase 1)	nan	-5.850000	40
9	Alas1	5-aminolevulinate synthase, nonspecific, mitochondrial (ALAS-H) (EC 2.3.1.37) (5-aminolevulinic acid synthase 1) (Delta-ALA synthase 1) (Delta-aminolevulinate synthase 1)	2.3.1.37	-5.670000	60
10	Gpt2 Aat2	Alanine aminotransferase 2 (ALT2) (EC 2.6.1.2) (Glutamate pyruvate transaminase 2) (GPT 2) (Glutamic--alanine transaminase 2) (Glutamic--pyruvic transaminase 2)	2.6.1.2	-5.610000	28