

Subsystem	Reactions	Key_Genes
Transport reactions	7	gb, mnd, CG5592, CG6231, hrm
Phenylalanine, tyrosine and tryptophan biosynthesis	4	Got1, Got2
Tricarboxylic acid cycle and glyoxylate/dicarboxylate metabolism	3	kdn, Mdh2, Scsa1, ScsβA