



Homocitrate synthase K1
Homoaconitate hydratase K2
Homoisocitrate dehydrogenase K3
Aromatic amino acid aminotransferase K4
Aminoacidate-semialdehyde dehydrogenase K5
Saccharopine dehydrogenase (NAD⁺, L-lysine) K6
Saccharopine dehydrogenase (NAD⁺, L-lysine) K7
Aspartate kinase KMT8
Aspartate-semialdehyde dehydrogenase KMT9
Dihydrodipicolinate synthase K10
Dihydrodipicolinate reductase K11
LL-diaminopimelate aminotransferase K12
Diaminopimelate epimerase K13
Diaminopimelate decarboxylase K14
Homocitrate synthase K1
Homoaconitate hydratase K2
Homoisocitrate dehydrogenase K3
Aromatic amino acid aminotransferase K4
LysW/LysX K15
LysZ K16
LysY K17
LysJ K18
LysK K19