Pantothenate and CoA tiosynthesis

beta-A<mark>lanine metab</mark>olism

Arginine and proline metabolism

Lysine degradation

Arachidonic acid metabolism

Bio<mark>synthesis of amino ac</mark>ids

Linoleic acid metabolism

Tryptophan metabolis

Aminoacyl-tRNA biosynthesis

Ly<mark>sine biosynthes</mark>is

Glycine, serine and threonine metabolism

Cysteine and methionine

metabolism

Alanine, aspartate and glutamate metabolism

Cyanoamino acid metabolism