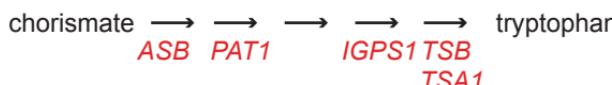


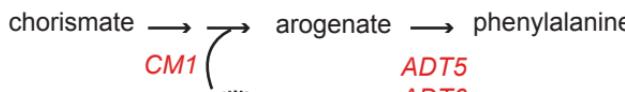
Shikimate pathway



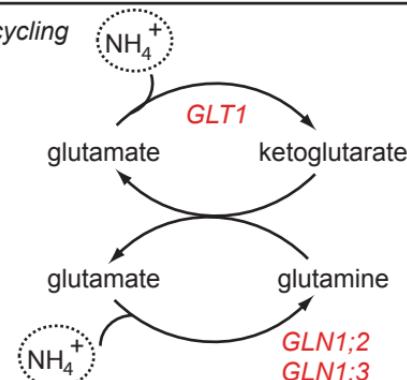
Aromatic AA metabolism, tryptophan



Aromatic AA metabolism, phenylalanine



NH₄⁺ recycling



Phenylpropanoid pathway

