

Pyruvate oxidation!!!Pyruvate oxidation!!!Pyruvate oxidation!!!NADH dehydrogenase Non-phosphorylated Entner-Doudoroff pathway!!!Non-phosphorylated Entner-Doudoroff pathway Isoleucine, leucine, valine biosynthesis!!!Aromatic amino acid biosynthesis Glutamine biosynthesis!!!Glutamine biosynthesis!!!Glutamine biosynthesis Aromatic amino acid biosynthesis!!!Aromatic amino acid biosynthesis