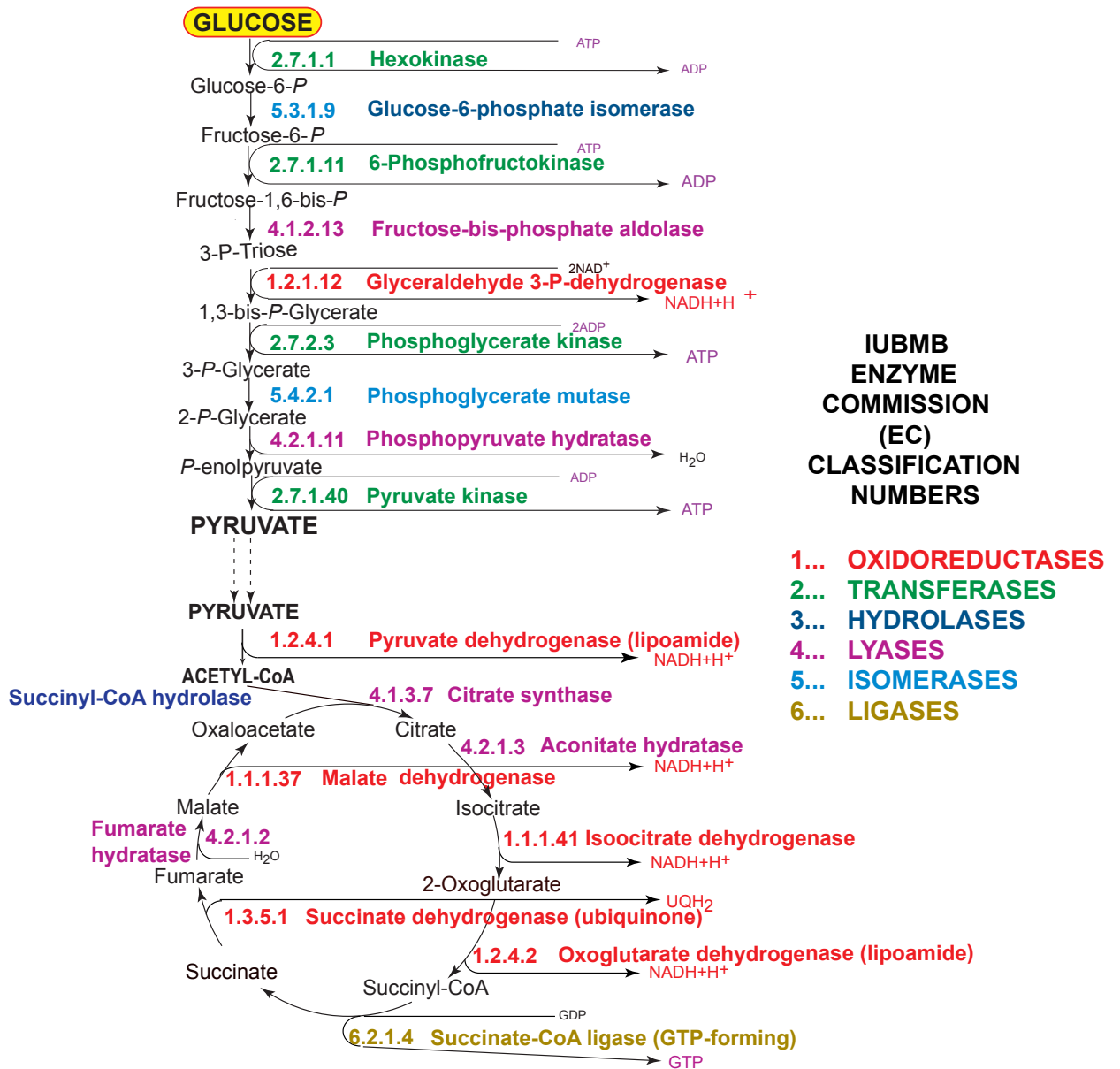


GLYCOLYSIS & TCA CYCLE - ENZYMES & EC REFERENCE NUMBERS



ENZYMES

1.1.1.37 Malate dehydrogenase	3.1.2.3 Succinyl-CoA hydrolase
1.1.1.41 Isocitrate dehydrogenase	4.1.2.13 Fructose-bis-phosphate aldolase
1.2.1.12 Glyceraldehyde-3-P dehydrogenase	4.1.3.7 Citrate synthase
1.2.4.1 Pyruvate dehydrogenase (lipoamide)	4.2.1.2 Fumarate hydratase
1.2.4.2 Oxoglutarate dehydrogenase (lipoamide)	4.2.1.3 Aconitate hydratase
1.3.5.1 Succinate dehydrogenase (ubiquinone)	4.2.1.11 Phosphopyruvate hydratase
2.7.1.1 Hexokinase	5.3.1.9 Glucose-6-phosphate isomerase
2.7.1.11 6-Phosphofructokinase	5.4.2.1 Phosphoglycerate mutase
2.7.1.40 Pyruvate kinase	6.2.1.4 Succinate-CoA ligase
2.7.2.3 Phosphoglycerate kinase	

The IUBMB Enzyme Commission (EC) Numbers are all 4-figure numbers, the first of which denotes one of ONLY 6 CLASSES of enzyme as shown above. These identify the biochemical nature of every reaction and are worth memorising