



Triglyceride (TG)

Glycerin

Fatty acid

3-phosphoglycerate (3PG)

Glycogen (or starch)

1,6 Fructose Diphosphate

Dihydroxyacetone phosphate (DHAP)

Phosphoenolpyruvate (PEP)

pyruvic acid

Oxaloacetate

Malic acid

Citric Acid

Fumaric Acid

Isocitric acid

Succinic acid

α -Ketoglutaric acid

acetyl-CoA

Tricarboxylic acid
Cycle (TAC)

Significantly positively selected
enzymes in the PEc population

$P < 0.01$

Significantly positively selected
enzymes in the PEz&PEa population

Glycosyl hydrolases

E1: Hexokinase

E2: 6-phosphofructokinase-1

Long-chain-fatty-acid--CoA ligase 5

Fatty Acid CoA Synthetase family

β oxidation

Pyruvate dehydrogenase E1

Malate dehydrogenase

Isocitrate dehydrogenase

