



Fructose

Fructokinase

Fructose 1-P

No Control

Insulin

Hepatic Insulin Resistance

Glyceraldehyde

Dihydroxyacetone phosphate

Glyceraldehyde 3-P

Glycerol 3-P

Pyruvate

Lactate

Lipogenesis

Triglyceride

Acyl-CoA

Acetyl-CoA

CO₂ + ATP

ApoB

MTP

VLDL Assembly

VLDL

Hepatocyte

VLDL