Figure S1

A) Metabolic pathway showing key intermediates:
- F6P
- GA3P
- Pyruvate
- Lactate (E)
- R5P/X5P
- Acetyl CoA
- OAA
- Alpha-KG
- TCA
- Glutamate (D)
- CO2 (C)

B) Bar graph showing relative 13C enrichment of 13C2-Palmitate at pH 7.4 and pH 6.7.

C) Bar graph showing Δ13C-CO2 at pH 7.4 and pH 6.7.

D) Bar graphs showing relative 13C enrichment of 13C2-Glutamate and 13C4-Glutamate at pH 7.4 and pH 6.7.

E) Bar graph showing relative 13C enrichment of 13C-Lactate-total labeled fraction at pH 7.4 and pH 6.7.

F) Bar graph showing relative 13C enrichment of 13C-Ribose-positions 1-4 labeled at pH 7.4 and pH 6.7.

G) Bar graph showing relative 13C enrichment of 13C2-Oleate at pH 7.4 and pH 6.7.