

Insights into the molecular basis of long-term storage and survival of sperm in the honeybee (*Apis mellifera*)

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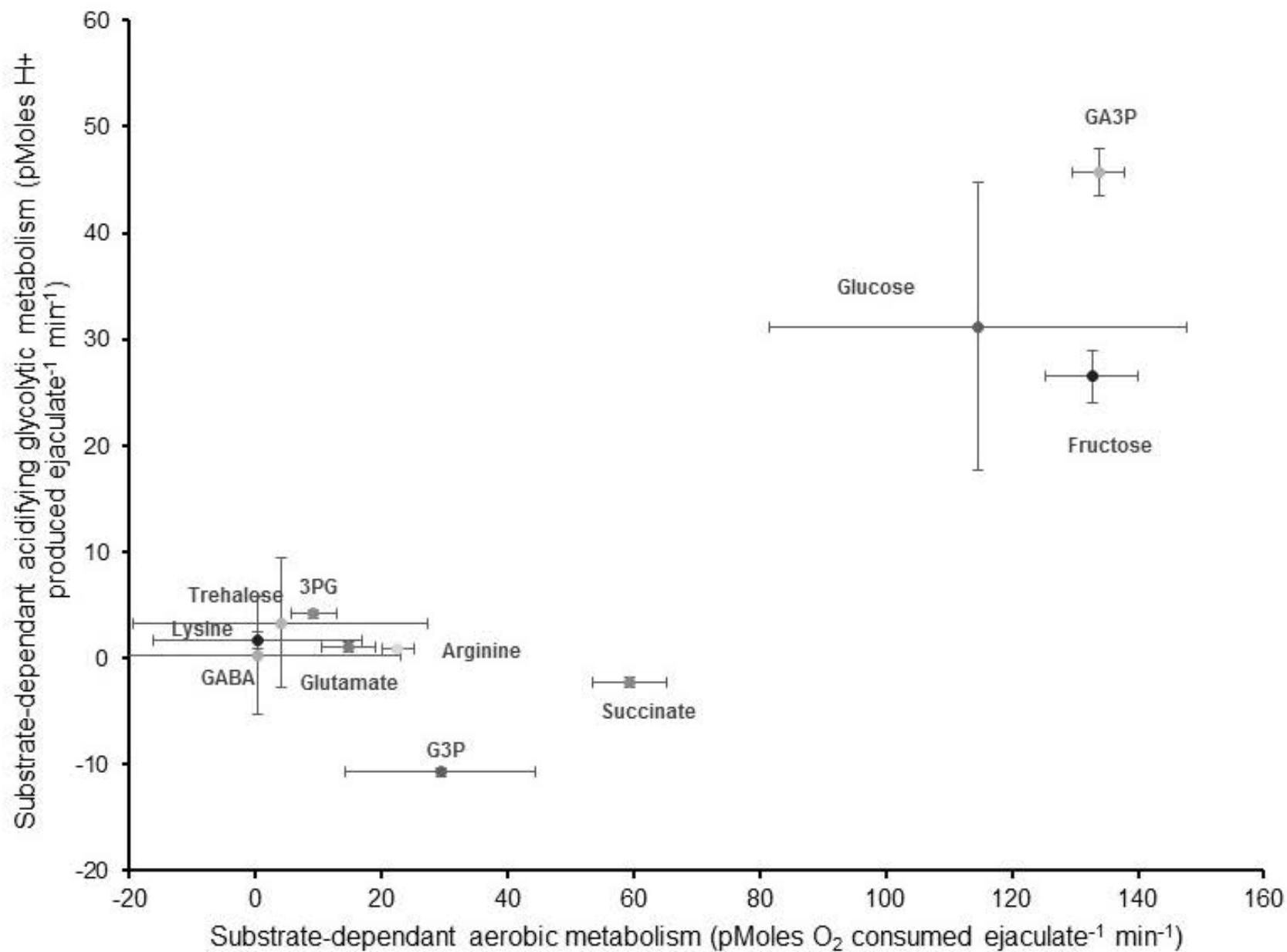
Supplementary figure legends

Supplementary Figure 1. Graph showing substrate-dependant aerobic metabolism and acidifying glycolytic metabolism of single honeybee ejaculates when incubated with different substrates. Error bars denote 1SE. GABA, gamma-aminobutyric acid; GA3P, glyceraldehyde-3-phosphate; G3P, glycerol-3-phosphate; 3PG, 3-phosphoglycerate.

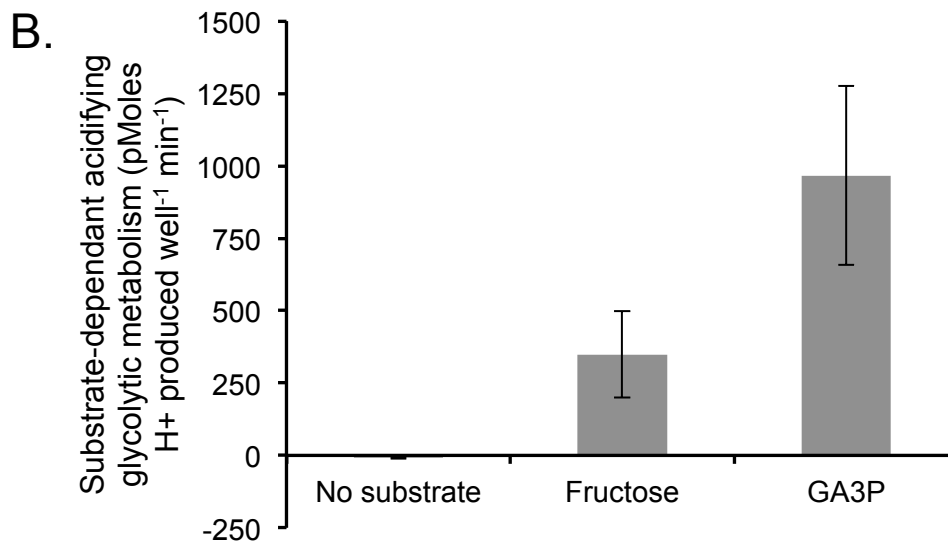
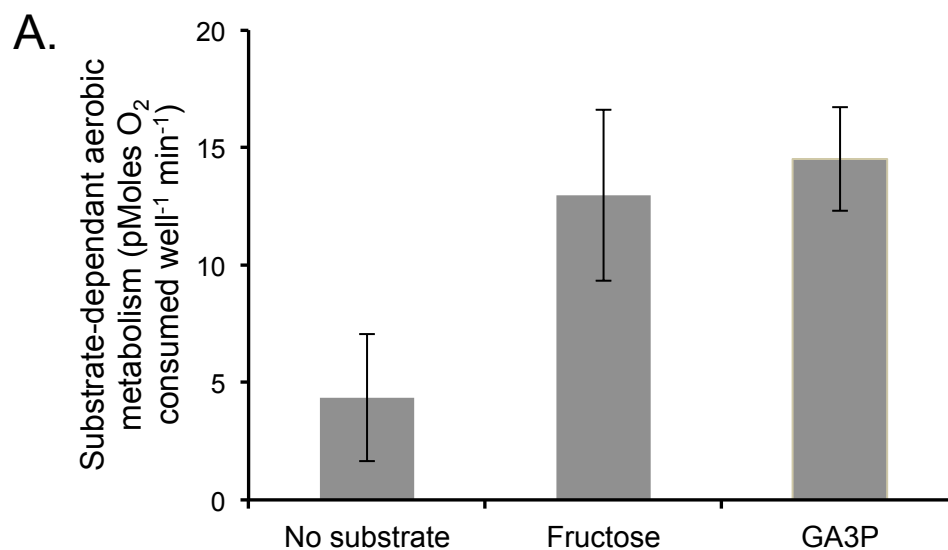
Supplementary Figure 2. Substrate-dependant (A) aerobic metabolism and (B) acidifying glycolytic metabolism of honeybee sperm dissected from spermathecae when incubated with different substrates. Error bars denote 1SE. GA3P, glyceraldehyde-3-phosphate.

Supplementary Figure 3. Sperm viability following metabolic measurements of (A) ejaculated sperm and (B) sperm dissected from spermathecae. GA3P, glyceraldehyde-3-phosphate.

Supplemental Figure 1



Supplemental Figure 2



Supplemental Figure 3

