

1 **S1 File**

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**Systemic metabolite profiling reveals sexual dimorphism of
AIBP control of metabolism in mice**

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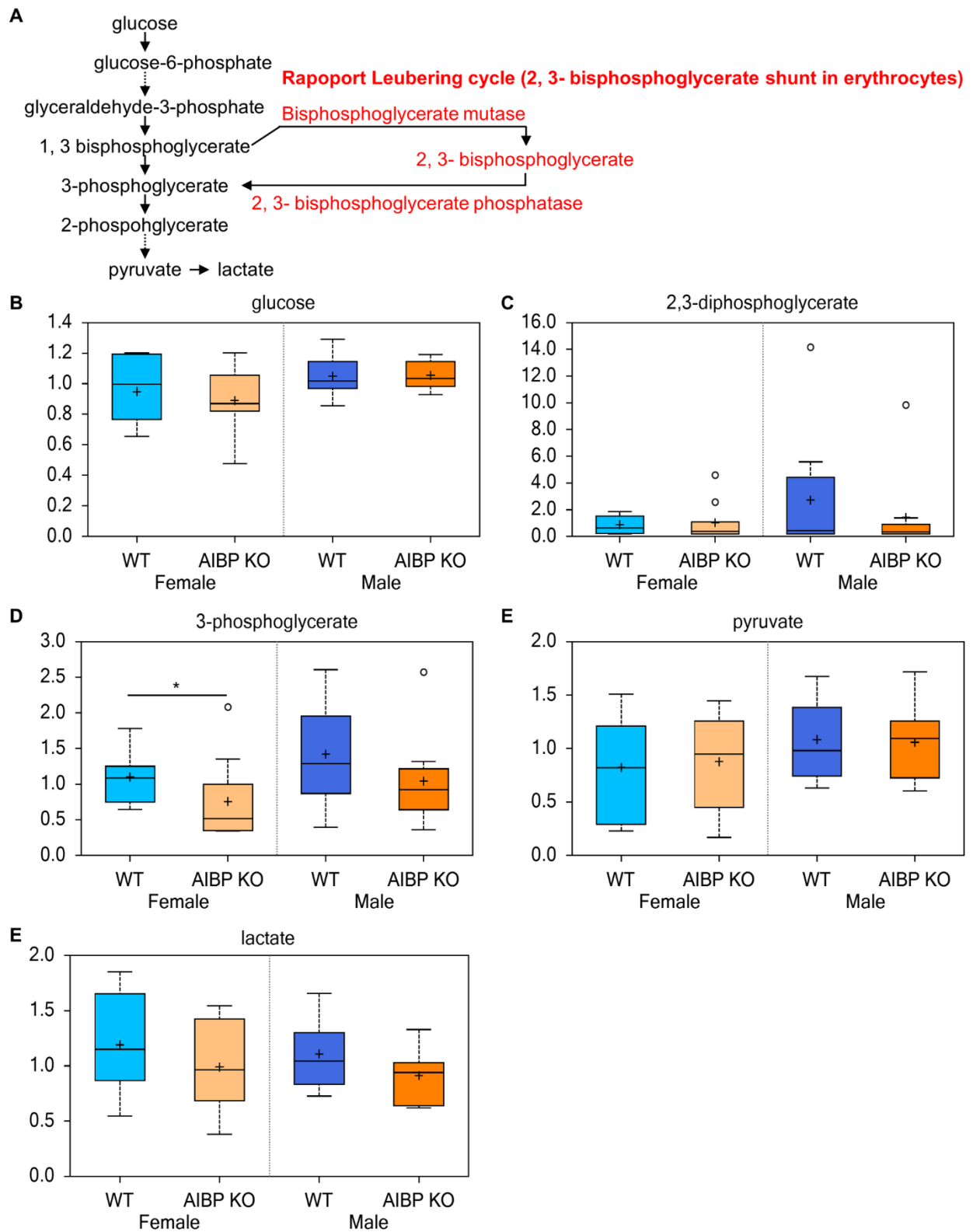
15 Running title: AIBP role in cellular metabolism

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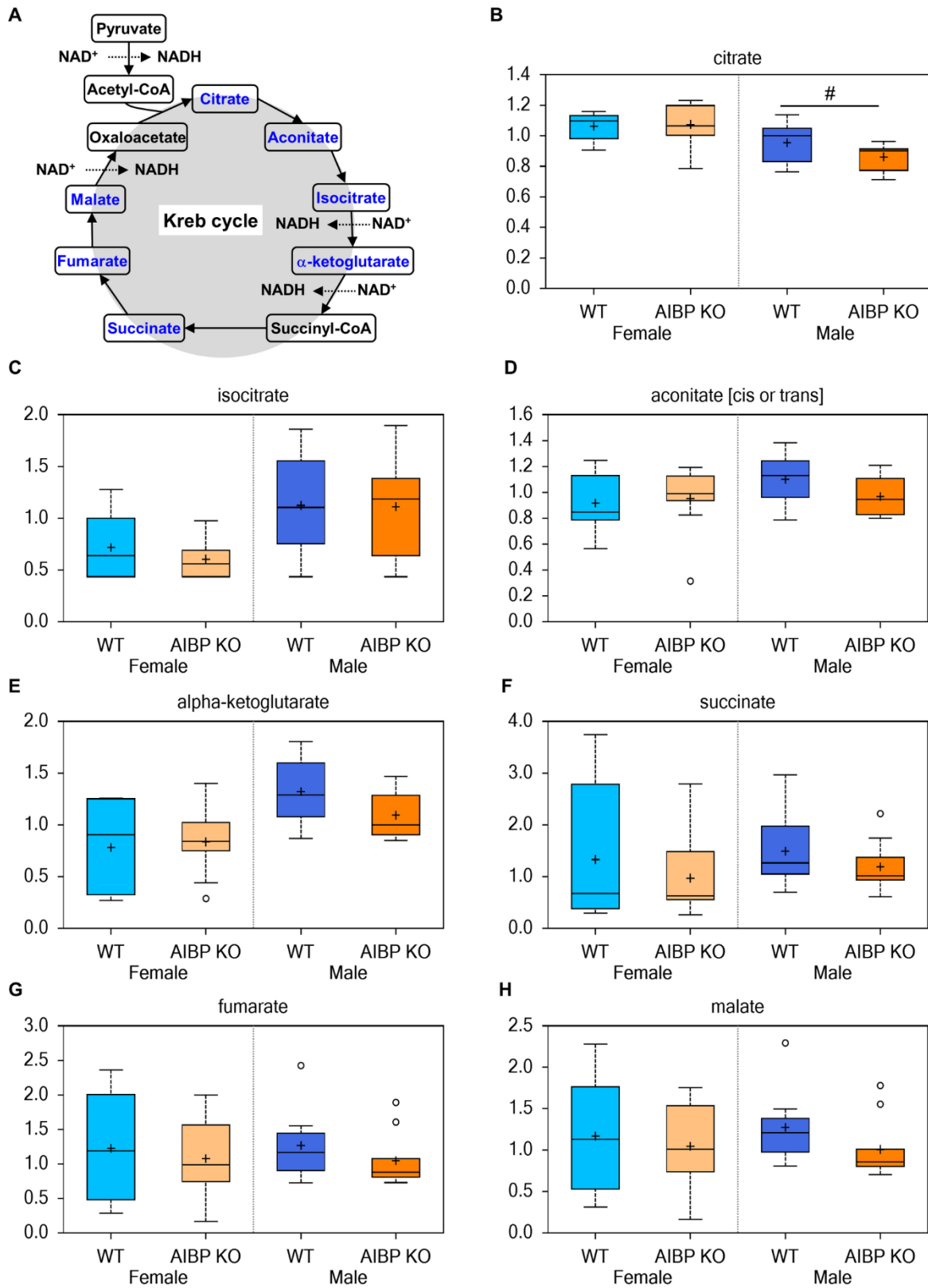
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S1 Fig



20 **S1 Fig. Loss of AIBP has no effect on glycolysis. A.** Diagram illustration of glycolysis
21 pathway. The particular shunt that occurs in red blood cells is shown in red. **(B-C)** Metabolites
22 associated with glycolysis. Except 3-phosphoglycerate, all the rest metabolites are not
23 significantly changed.

S2 Fig



25 **S2 Fig. AIBP deficiency does not affect Krebs cycle.** **A.** Diagram showing Krebs cycle
26 progression. **(B-H)** Plasma metabolites associated with Krebs cycle. All changes did not reach
27 statistically significant difference. $0.1 > p > 0.05$.