



**Figure S4. Total ATP content in *sin-3(tm1279);him-5(e1490)* worms is significantly reduced in both hermaphrodite as well as male populations with respect to the isogenic strain at day 10.** (ns, non-significant; \*\* $P < 0.05$ ; \*\*\*\* $P < 0.001$  and denotes the comparison with respect to *him-5 (e1490)*; One-way ANOVA performed).