

ARTICLES

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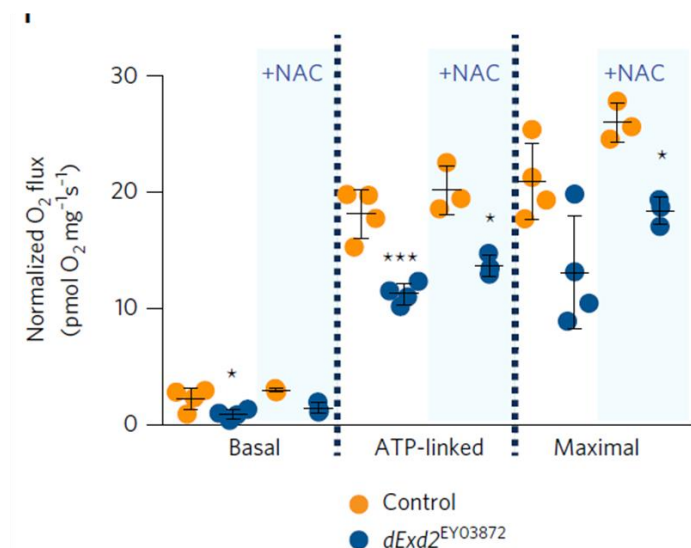
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EXD2 governs germ stem cell homeostasis and lifespan by promoting mitoribosome integrity and translation

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dEXD2-deficient (*D. melanogaster* orthologue EXD2 depleted) flies exhibited impaired respiration.

Metabolic and developmental defects in dExd2-deficient flies



Reduced oxygen consumption in dEXD2-deficient flies is not rescued with NAC treatment. Measurements from $n = 4$ or $n = 3$ (NAC samples) independent experiments are plotted with the means (s.d.). * $P < 0.05$, *** $P < 0.001$, one-way ANOVA with Dunnet's test.

Reference: Silva J, Aivio S, Knobel PA, Bailey LJ, Casali A, Vinaixa M, Garcia-Cao I, Coyaude É, Jourdain AA, Pérez-Ferreros P, Rojas AM, Antolin-Fontes A, Samino-Gené S, Raught B, González-Reyes A, Ribas de Pouplana L, Doherty AJ, Yanes O, Stracker TH (2018) EXD2 governs germ stem cell homeostasis and lifespan by promoting mitoribosome integrity and translation. Nat Cell Biol 20:162-74.