



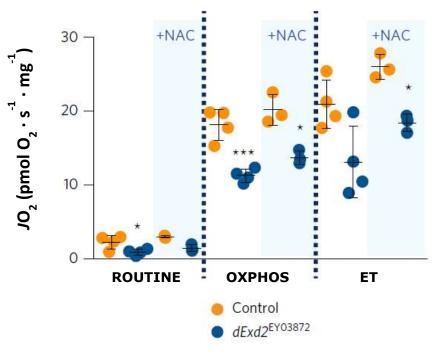
## ARTICLES https://doi.org/10.1038/s41556-017-0016-9

## nature cell biology

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

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



Reduced oxygen consumption in dEXD2-deficient flies is not rescued with NAC treatment. Measurements from N = 3-4 (NAC samples) independent experiments are plotted. Mean±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, Coyaud 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.

Figures and texts slightly modified based on the recommendations of the COST Action MitoEAGLE CA15203. Doi:10.26124/mitofit:190001.v3