

Supplementary Figure. 3 The CK2 pharmacological inhibitor DMAT does not interfere with FAT.

Data from supplementary **Fig. 3C** corresponding to kymograms (**A and B**) which depict the mean mitochondria traveled distance in the retrograde direction (**C**) of moving mitochondria, upon CK2 inhibitor DMAT or vehicle control treatment. Data was obtained from three independent experiments. One-way ANOVA with post-hoc Tukey.

Mean Traveled Distance (μm)	
Treatment	Retrograde Transport
DMSO	13.60
DMSO	9.33
DMSO	51.72
DMSO+TBCA	21.25
DMSO+TBCA	11.58
DMSO+TBCA	29.45