

Topoisomerase 1 Activity Is Reduced in Response to Thermal Stress in Fruit Flies and in Human HeLa Cells

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1. Supplementary Figures

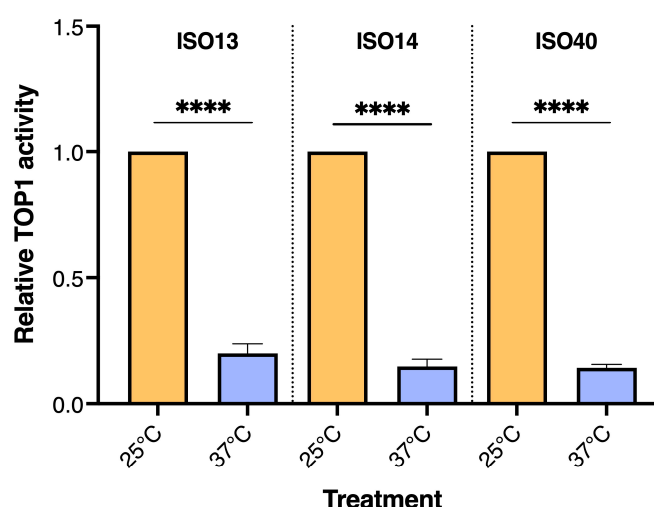


Figure S1. TOP1 activity in *D. melanogaster* strains after exposure to acute/short-term heat stress. Graphical depiction of TOP1 activity measured by REEAD in extract from a group of eight male flies from either ISO13, ISO14, or ISO40 strain. The flies were exposed 25°C or to acute/short-term heat stress at 37°C for 2 hours followed by 1 hour of recovery at 25°C, n=5. Data are normalized to the unstressed group at 25°C for each separate strain and plotted at mean +/- SEM. * Indicates significant differences, **** p<0.0001.

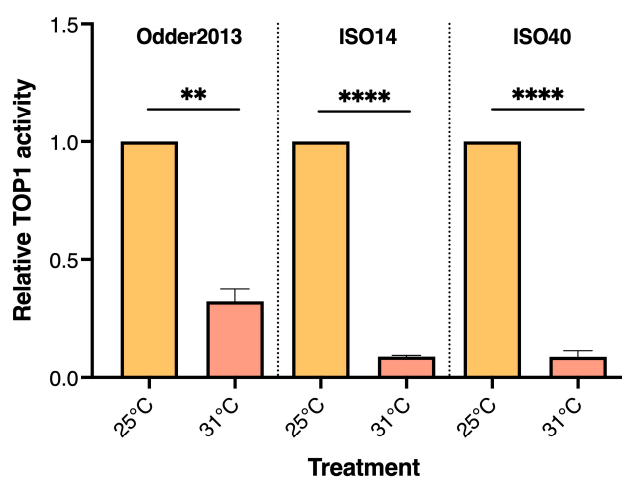


Figure S2. TOP1 activity in *D. melanogaster* strains after exposure to long-term heat stress. Graphical depiction of TOP1 activity measured by REEAD in extract from a group of eight male flies from either Odder2013, ISO14, or ISO40 strain. The flies were exposed to 25°C or long-term heat stress at 31°C for six days followed by 1 hour of recovery at 25°C, $n=4$. Data are normalized to the unstressed group at 25°C for each separate strain and plotted at mean \pm SEM. * Indicates significant differences, ** $p<0.005$; **** $p<0.0001$.