



Supplementary Fig. 7. *NF1* over-expression did not influence the level of whole fly dephosphorylated forkhead transcription factor (dFOXO) levels or a total superoxide dismutase (SOD) or MnSOD activities. **a.** Western blot analysis of FOXO1 detected by an antibody (Cell Signaling) that preferably binds to dephosphorylated FOXO. Similar levels of dephosphorylated FOXO were found for *w¹¹¹⁸*, *K33* and *hsNF1/+;K33*, verified by Image J densitometry analysis in 3 experiments, one example shown. **b.** Total SOD and MnSOD activities of *K33* and *hsNF1/+;K33* flies, mean \pm SD of 5 experiments each involving 50 males and 50 females, total of 500 flies for each genotype. $P = 0.79$ between their total SOD activities and $P = 0.15$ between their MnSOD activities.