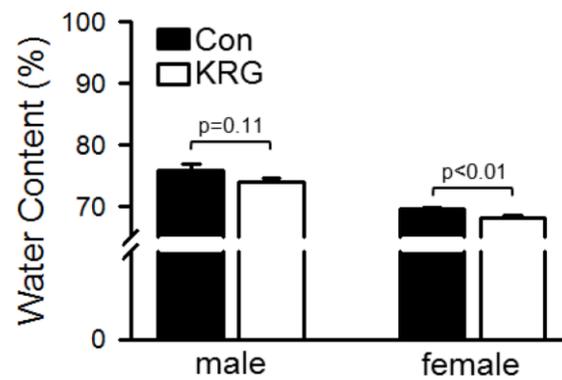
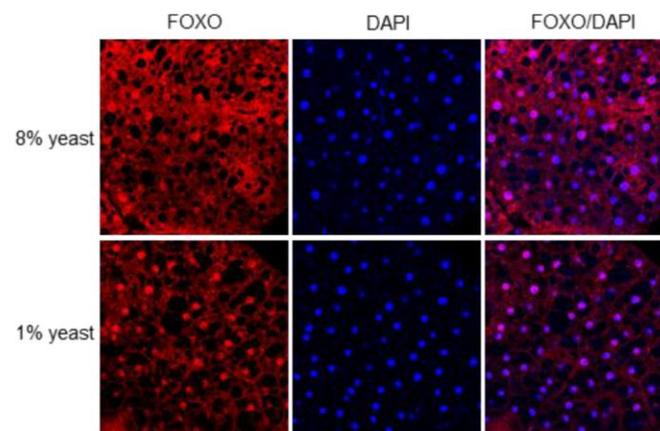


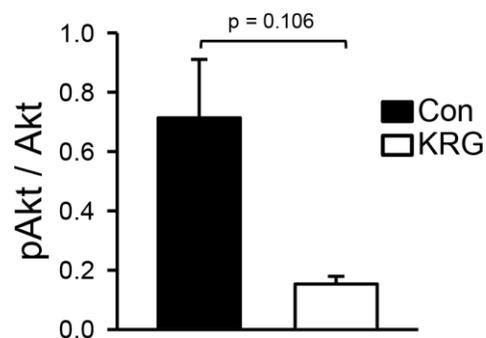
SUPPLEMENTARY FIGURES



Supplementary Figure 1. The water content of KRG treated flies. The level of water content of flies fed a KRG-containing diet (white bars) or a control diet (black bars). Supplementation of KRG extract decreased the water content in female flies (*t*-test).



Supplementary Figure 2. Translocation of dFOXO into nucleus by DR. Abdominal fat body of 7-day-old flies fed full diet (8% yeast) or restricted diet (1% yeast) was stained with anti-dFOXO (red) and DAPI (blue). Original magnification is 200 \times .



Supplementary Figure 3. pAkt/Akt level of flies fed KRG. The level of phosphorylated Akt (pAkt) normalized with total Akt in the flies fed a KRG-containing diet (white bar) or a control diet (black bar). Supplementation of KRG extract decreased the pAkt/Akt level but do not have a statistical significance (*t*-test, $p = 0.106$).