



Supplemental Figure 2 Mendelian Randomisation for a subset of RPs.

MR scatter plots of association between RP expression in liver, for RP genes whose orthologues were experimentally shown to have a role in ageing in yeast or worms, and longevity (90th percentile) showing results of two MR methods (IVW $\beta=-0.046\pm 0.018$, $p=0.010$). Each black point denotes a cis-eQTL; green bars show SEM. This subset includes 12 out of 16 cis-eQTLs shown in Figure 2C. Longevity β is the natural log of the odds ratio where lower values indicate lower chance of surviving beyond the 90th percentile. Expression β is reported as NES with larger values indicating higher expression and refers to expression of multiple genes.