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Supplementary Materials for

Life span extension by glucose restriction is abrogated by methionine supplementation: Cross-talk between glucose and methionine and implication of methionine as a key regulator of life span

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The PDF file includes:

Figs. S1 to S3

Other Supplementary Material for this manuscript includes the following:

(available at advances.sciencemag.org/cgi/content/full/6/32/eaba1306/DC1)

Supplemental Files S1 to S3

Fig S1

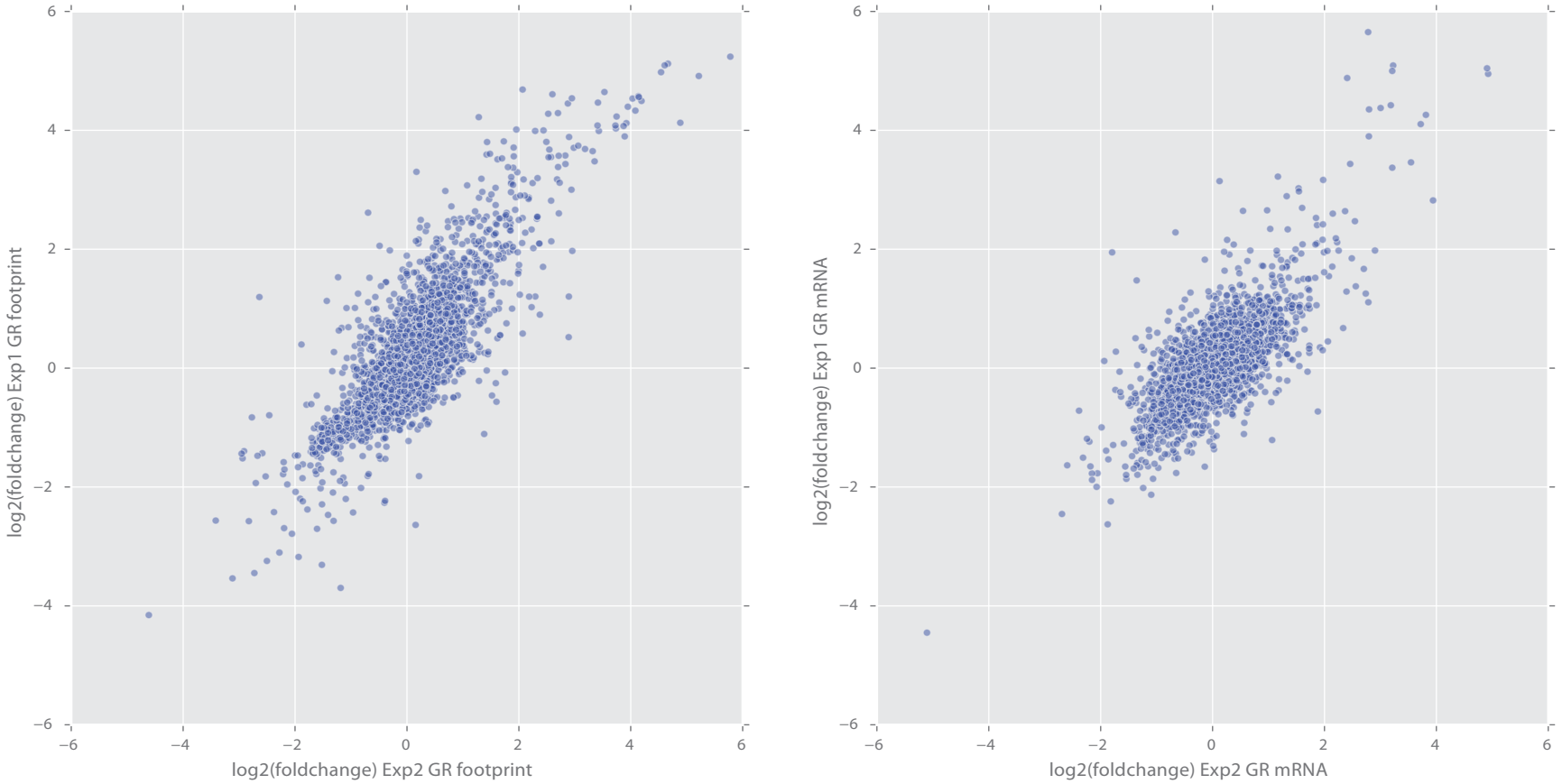

Figure S1: Comparison of GR induced fold changes of ribosome footprint (left) and mRNA (right) in two independent experiments with different GR protocols (see Methods)

Fig S2

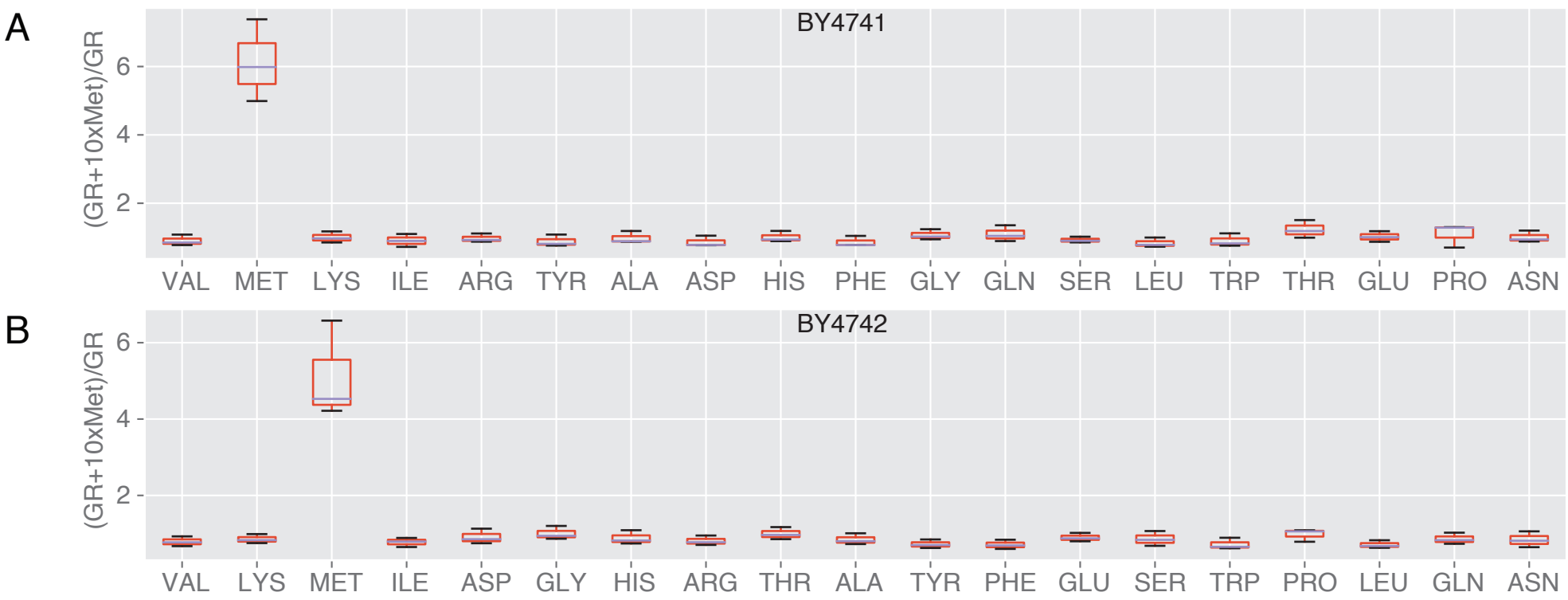

Figure S2: External supplementation of methionine under GR condition only increases the concentration of methionine, not any other amino acids. Shown are ratios of concentrations under GR+10xMet vs. GR in two different strains BY4741 (A) and BY 4742 (B)

Fig S3

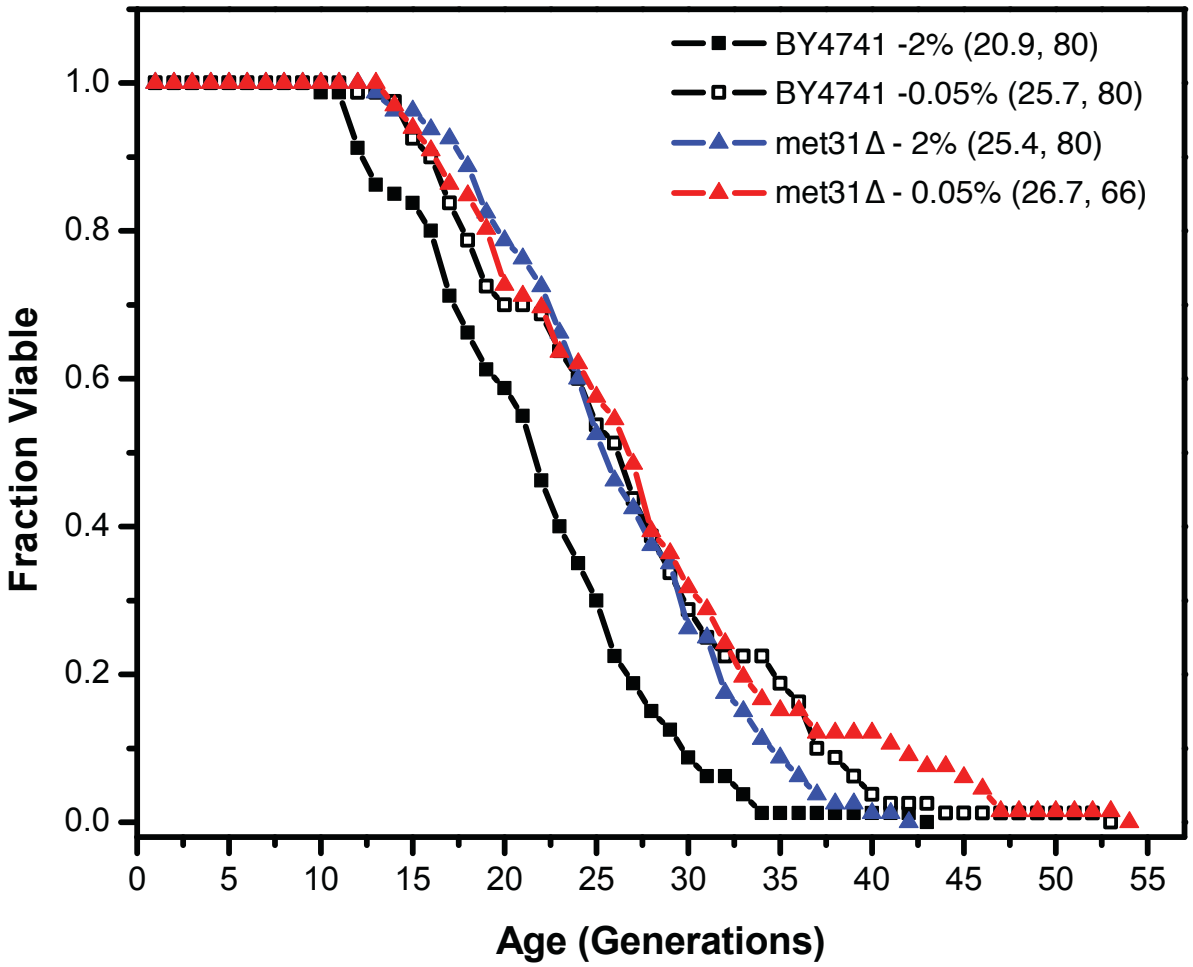

Figure S3: MET31 deletion extends lifespan under SD (2% glucose) condition and GR no longer extends the lifespan of the MET31 deletion mutant. MET31 deletion mutant was derived from the BY4741 strain.