



Fig. 4-figure supplement 2. *RPS5* mutation *E144R* confers a *Gcd⁻* phenotype, derepressing *GCN4-lacZ* expression with restored *SUI1* dosage.

Strains of the indicated *RPS5* genotype from Fig. 3A harboring either sc *SUI1* plasmid pPMB21 or empty vector, and the WT *GCN4-lacZ* reporter on plasmid p180, were cultured in duplicate sets in SD+His at 30°C. One set (unstarved) was cultured to A_{600} of ~1 and harvested. When the second set (starved) reached A_{600} of ~0.5, sulfometuron methyl (SM) was added to 0.5µg/ml and grown for 6h and harvested. β -galactosidase specific activities were measured in WCEs as described in Fig. 3B. Mean expression levels and S.E.M.s were calculated from four transformants.