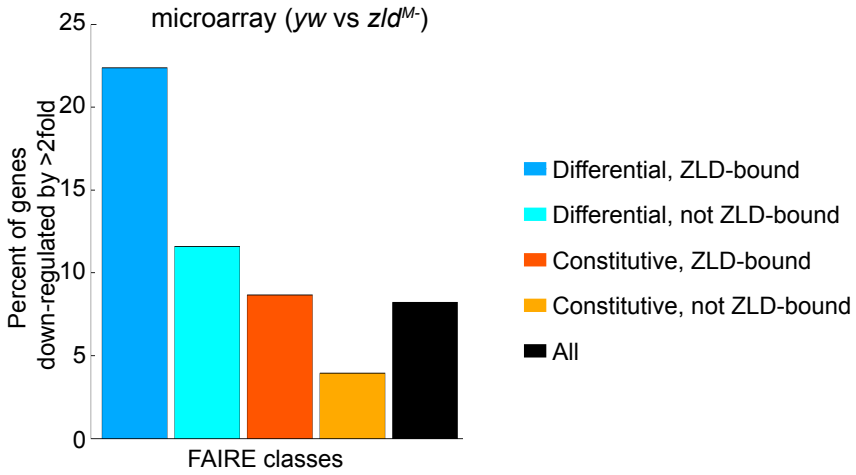Schulz et al. Supplemental Figure S4