

**Figure S3.** Example for raw data, used to compile Fig. 2a of the main text. "GFP expression" for strains (ZZS23) harboring  $P_{\text{Ltet-O1}}$ : ryhB on a plasmid, in addition to the  $P_{\text{Llac-O1}}$ : crsodB-gfp reporter. The IPTG dependence of GFP expression (defined from plots such as Figure S2) is plotted for different degrees of RyhB expression. The latter is controlled by the level of the inducer aTc in the growth medium as indicated by the legend.