



**Figure S1:** Association between GFP expression levels and growth rates of strains included in Figure 1. GFP genes were recoded at synonymous sites to have consistently low (41%), medium (50%) or high (59%) G+C content over the entire gene. Recoded GFP genes were expressed in pFAB vectors containing promoters of varying strength. Expression levels determined by intensity of cell fluorescence. Bars represent the mean  $\pm$  standard deviation of three biological replicates.