

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: List of mutations identified in this study.

File Name: Supplementary Data 2

Description: Commonly mutated genes and genes with mutations in the promoter region in more than one evolved disomic line.

File Name: Supplementary Data 3

Description: Raw values of doubling times in disomic strains expressing SCH9 mutated alleles together with p-values.

File Name: Supplementary Data 4

Description: Raw read counts of RNAseq data.

File Name: Supplementary Data 5

Description: List of genes correlating with expression shift towards WT and commonly regulated genes across evolved lines.

File Name: Supplementary Data 6

Description: Raw values of doubling times in disomic strains expressing different TFs together with p-values.