

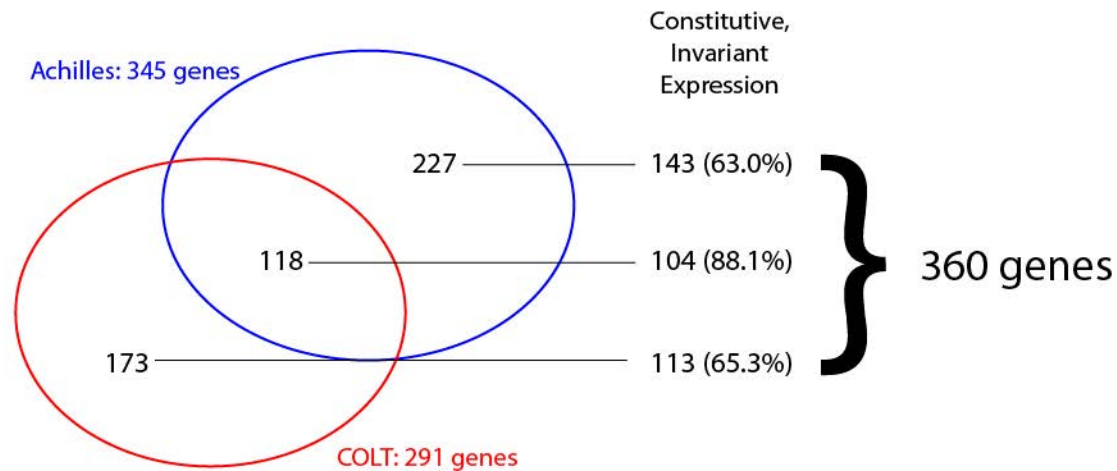
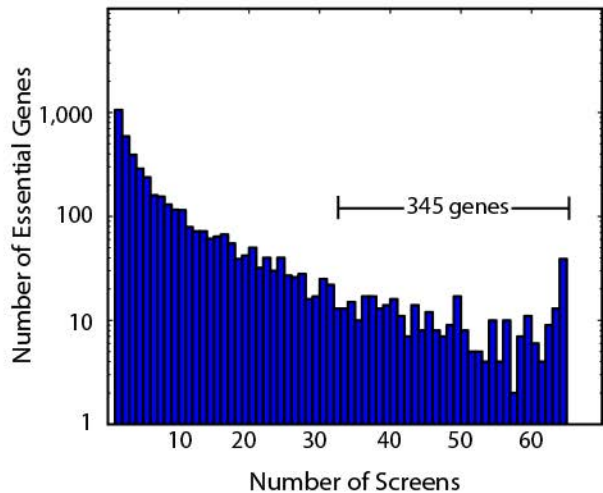
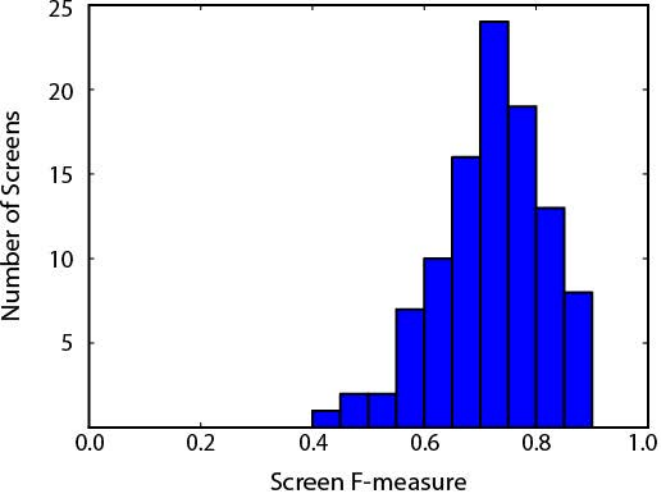


Figure S5. Core constitutive essentials from Project Achilles data.

(top left) Distribution of F-measures of 102 Achilles screens. Screens with $F > 0.7$ were retained for further analysis ($n=65$).

(Top right) Histogram of number of screens in which each gene is classified as essential ($BF > 5$; average FDR ~16%) across the 65 screens. Genes essential in 33 of 65 screens ($n=345$) are classified as core essentials.

(Bottom) Venn diagram comparing Achilles and Colt core essentials. Each set contains roughly the same proportion of genes that meet our criteria for constitutive, invariant mRNA expression. The union of these filtered genes is our integrated set of core essential genes ($n=360$).