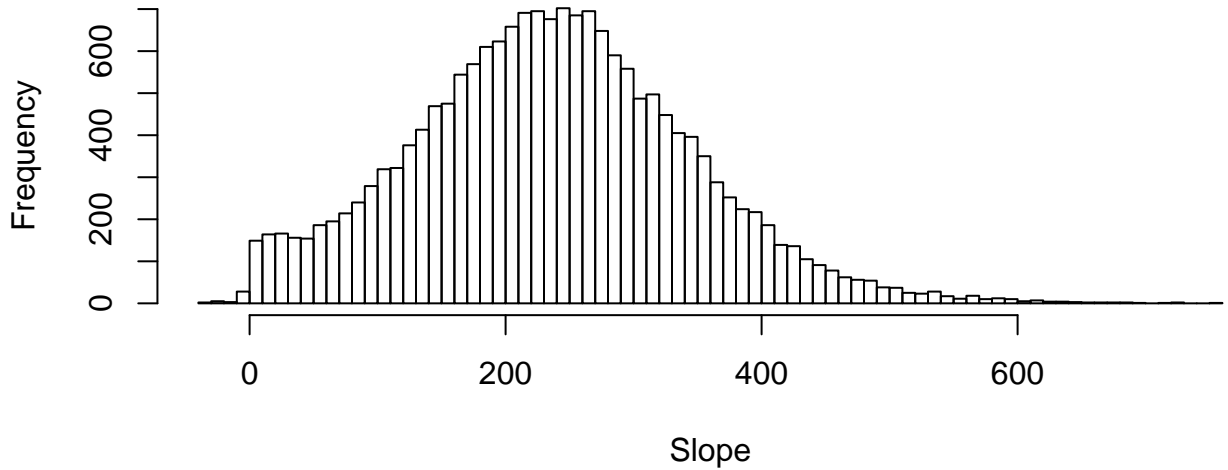
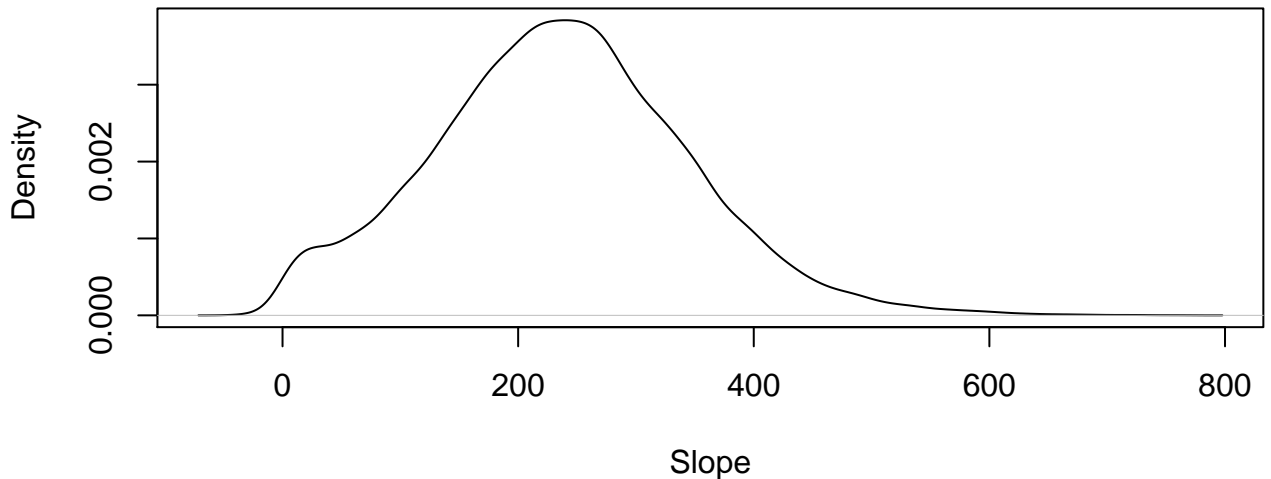


Distribution of slopes of the ranks of genes in all cell lines

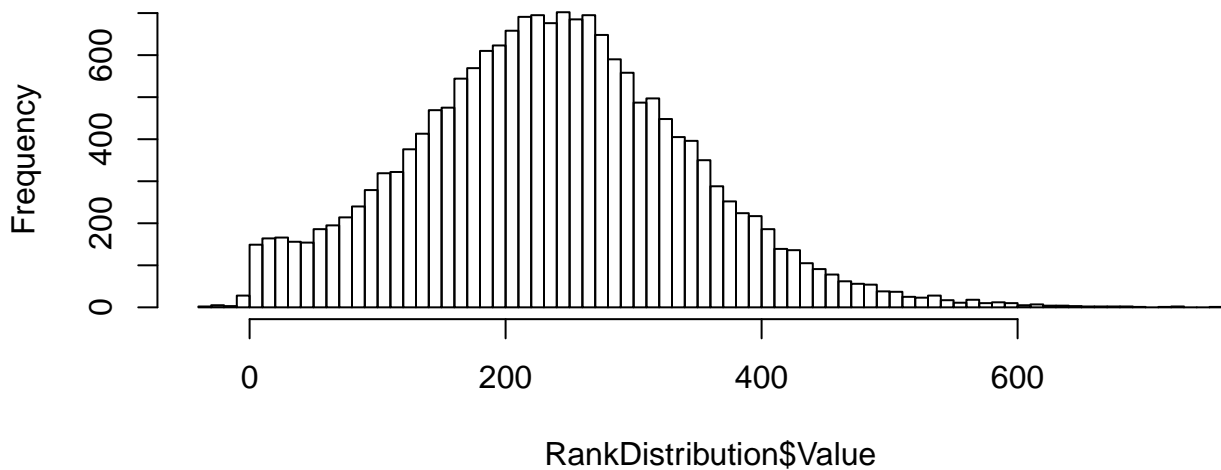


`help("ADAM2.CalculateBayesianfactor")`

Gaussian Kernel Density Estimation

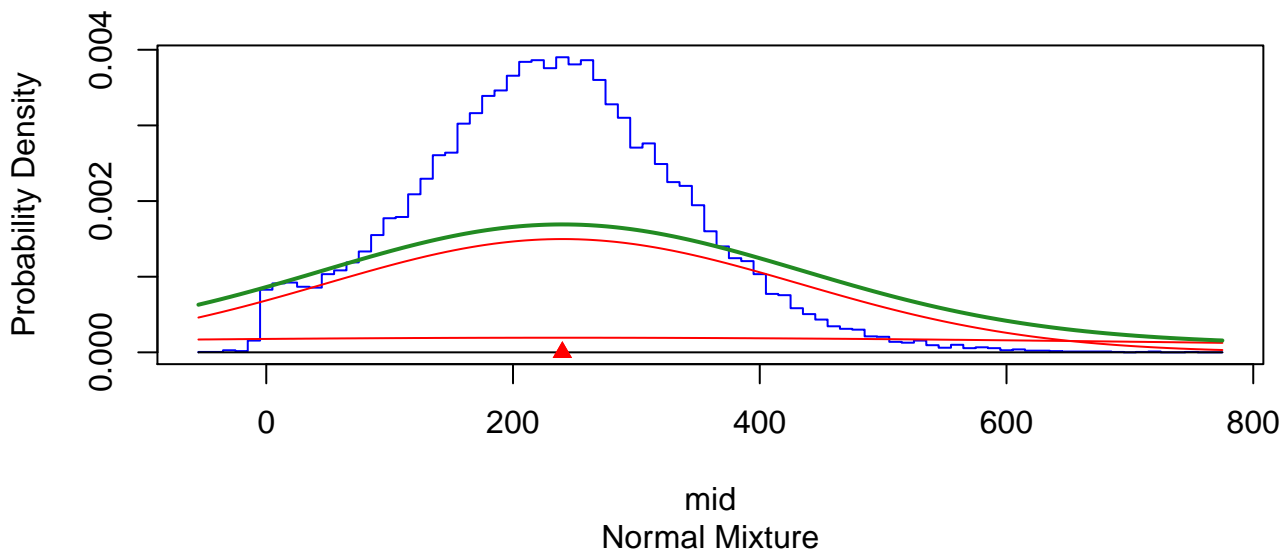
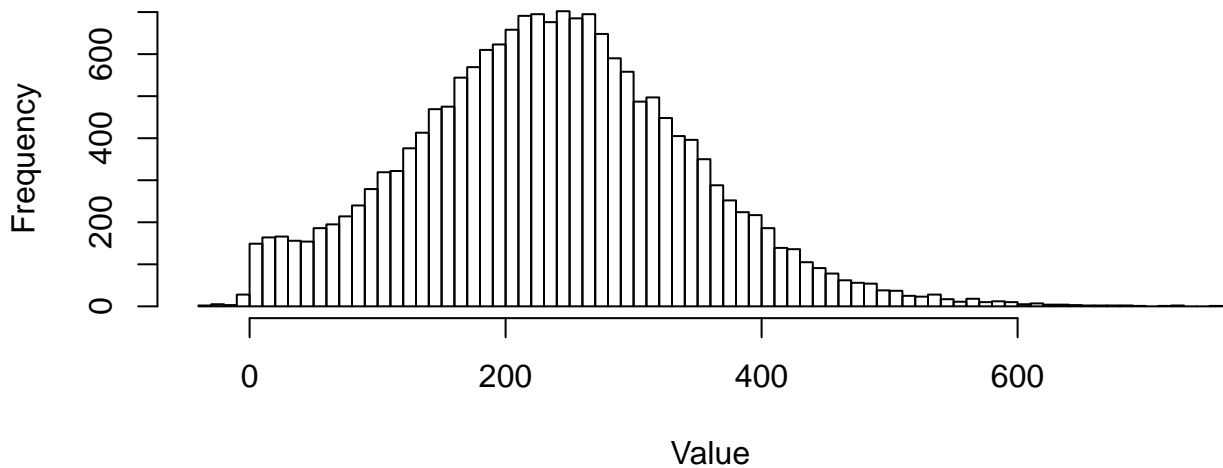


Histogram of RankDistribution\$Value

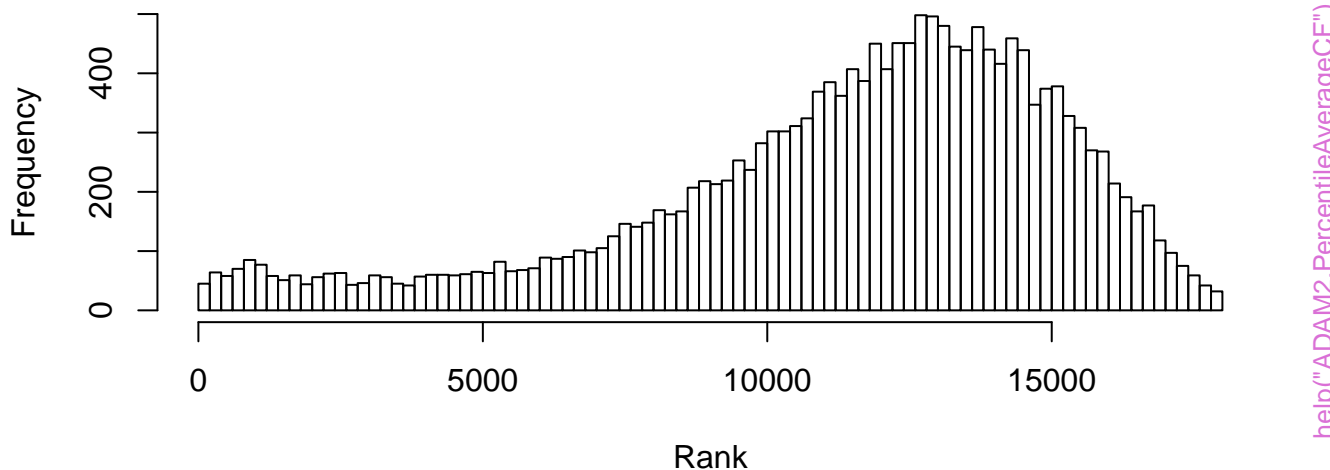


[help\("ADAM2: CalculateBayesianfactor"\)](#)

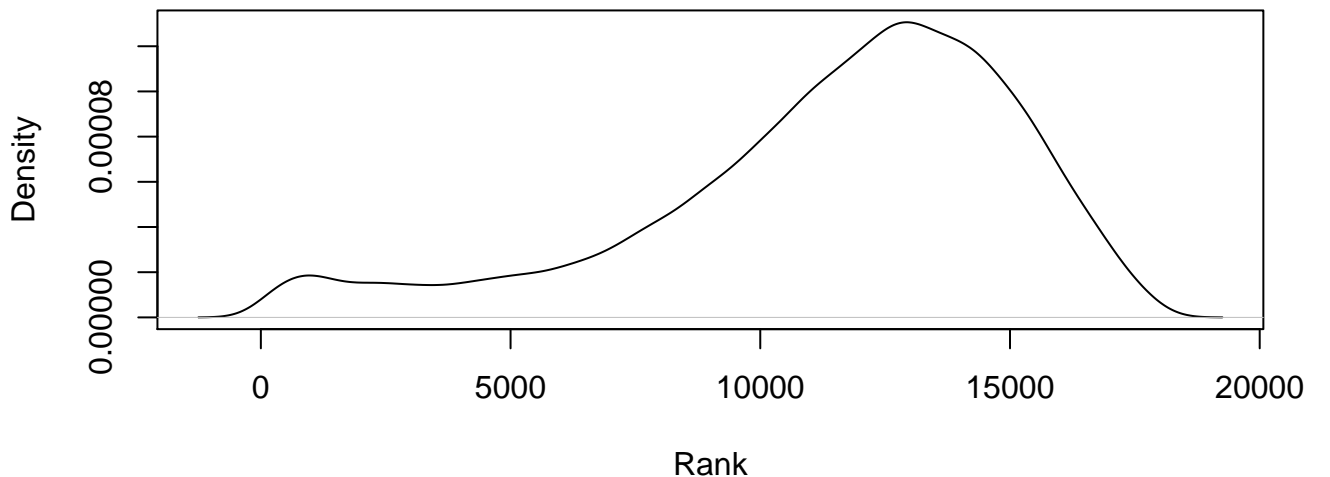
Bimodal Distribution



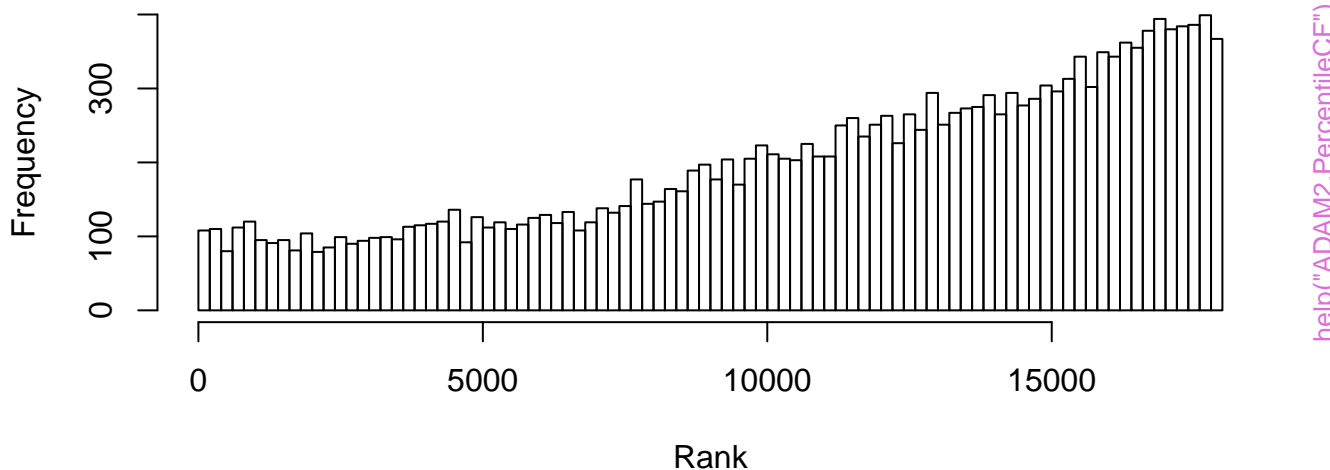
Distribution of gene ranks in their 90th percentile least depleting lines



Gaussian Kernel Density Estimation

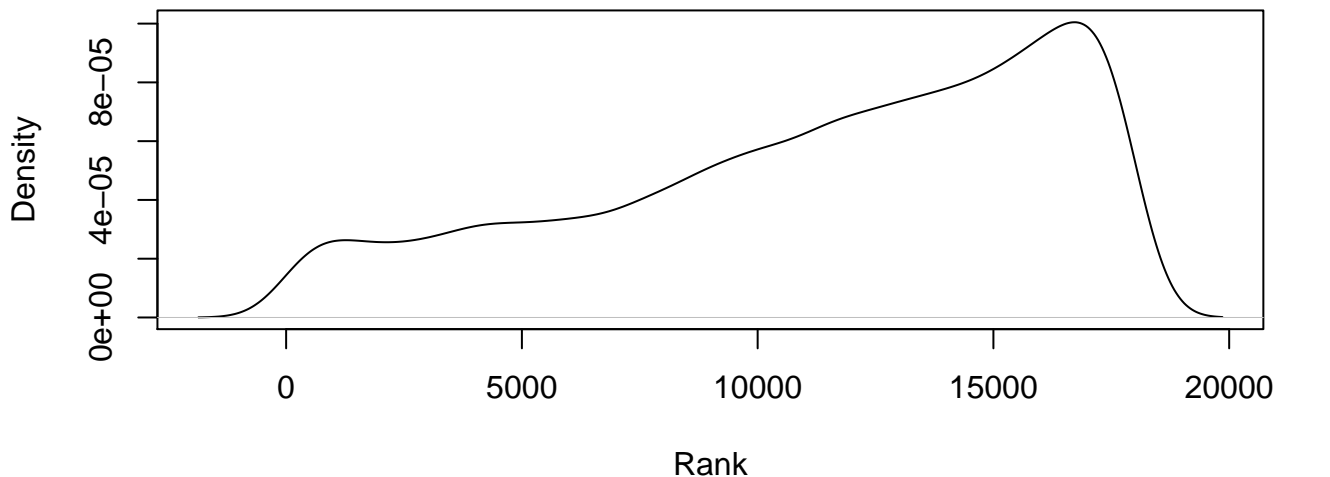


Distribution of gene ranks in their 90th percentile least depleting lines

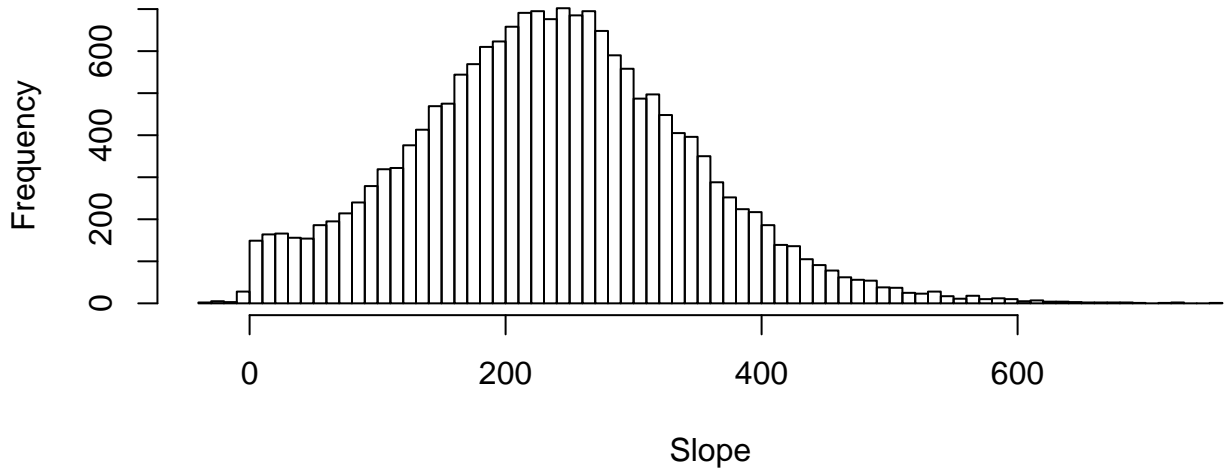


help("ADAM2.PercentileCF")

Gaussian Kernel Density Estimation

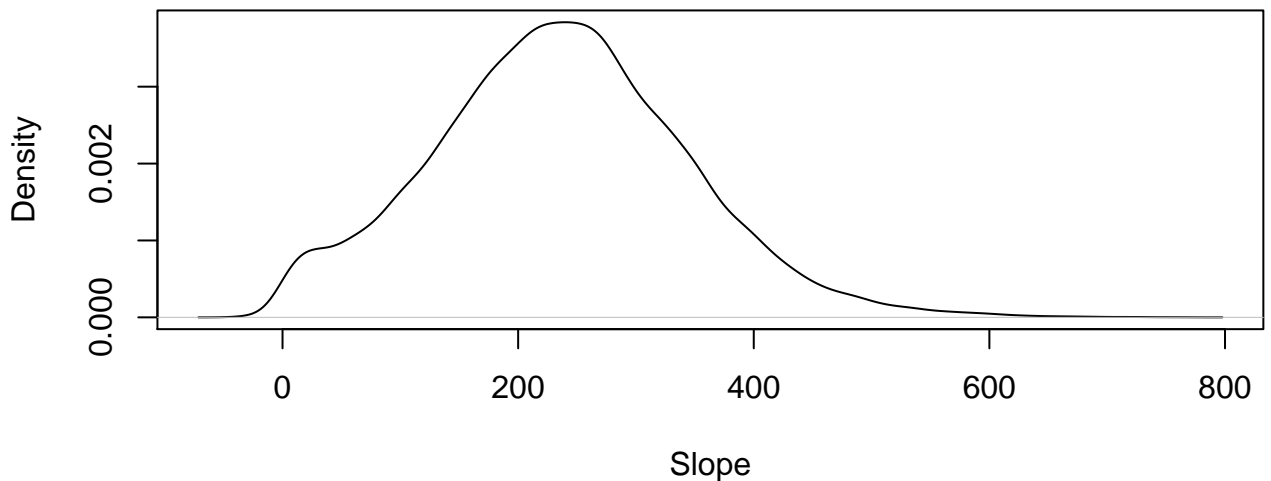


Distribution of slopes of the ranks of genes in all cell lines

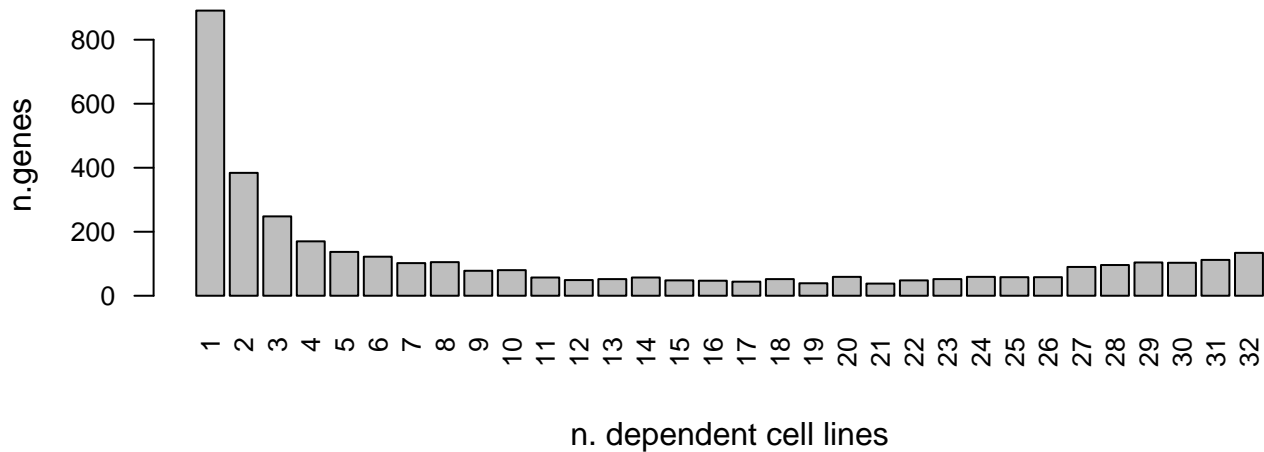


[help\("ADAM2.SlopeCF"\)](#)

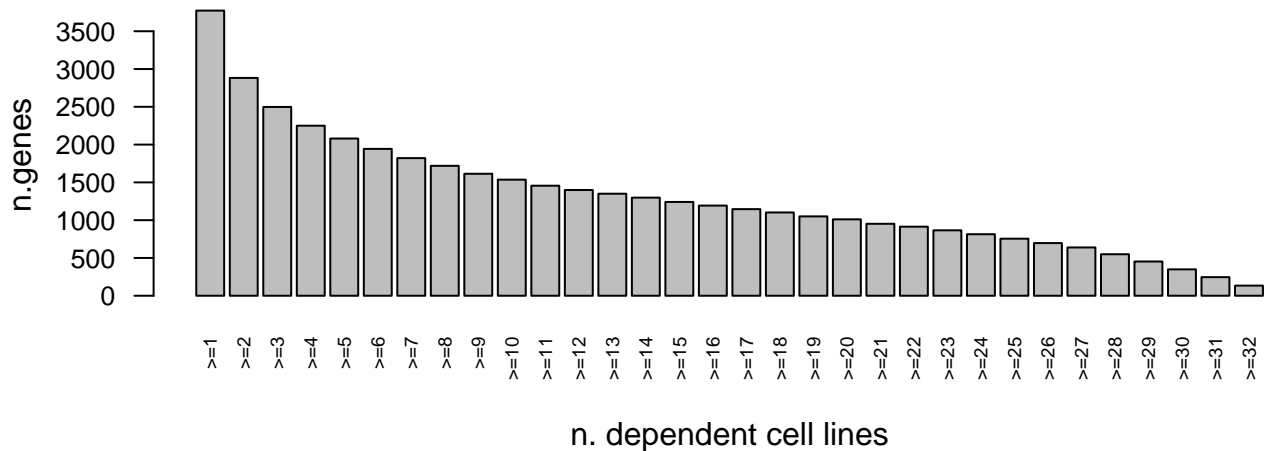
Gaussian Kernel Density Estimation



3773 fitness genes in at least 1 cell line

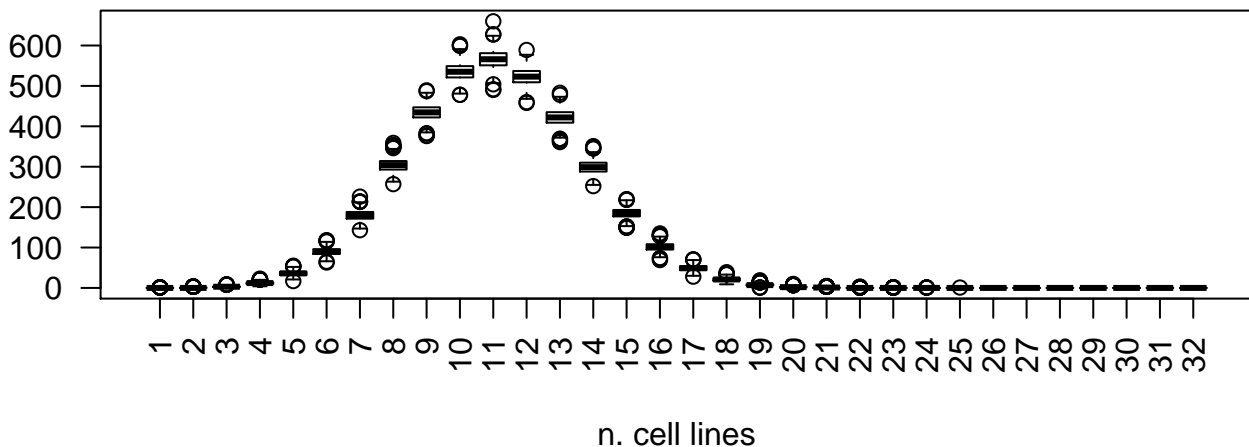


Cumulative sums



1000 randomised essentiality profiles of 3773 genes across 32 cell lines

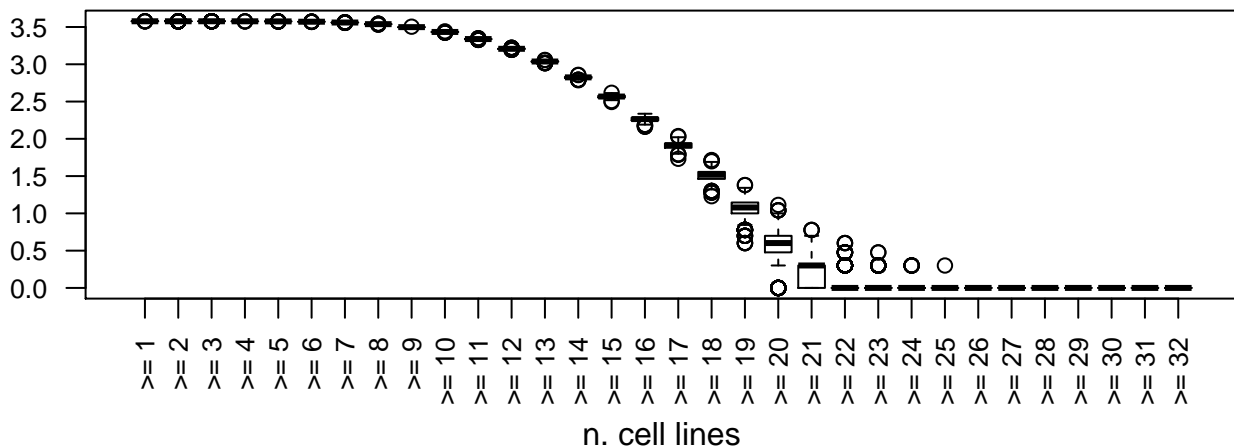
genes depleted in n cell lines



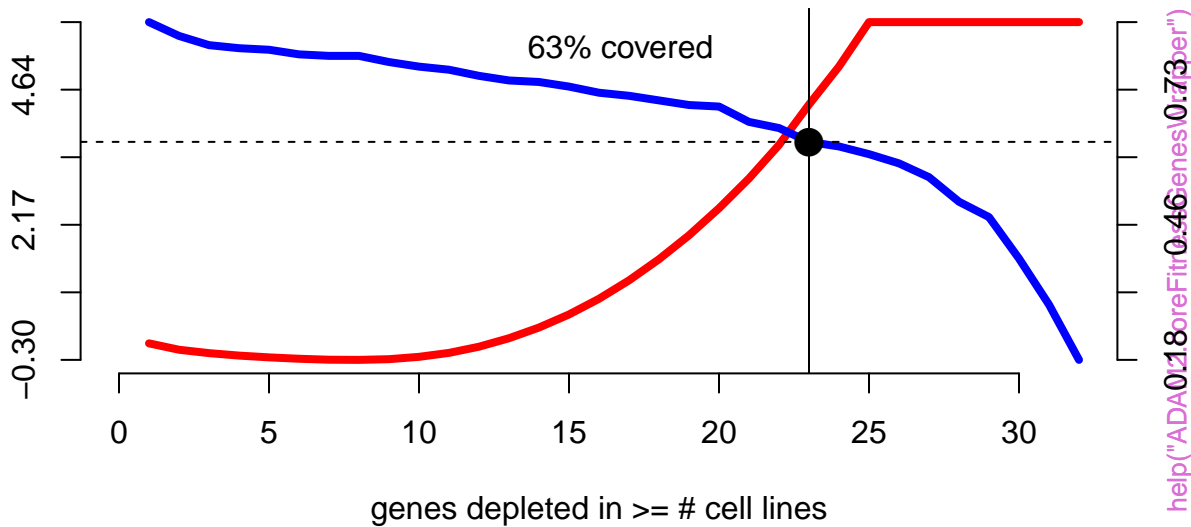
help("ADAM2.coreFitnessGenesWrapper")

Cumulative sums

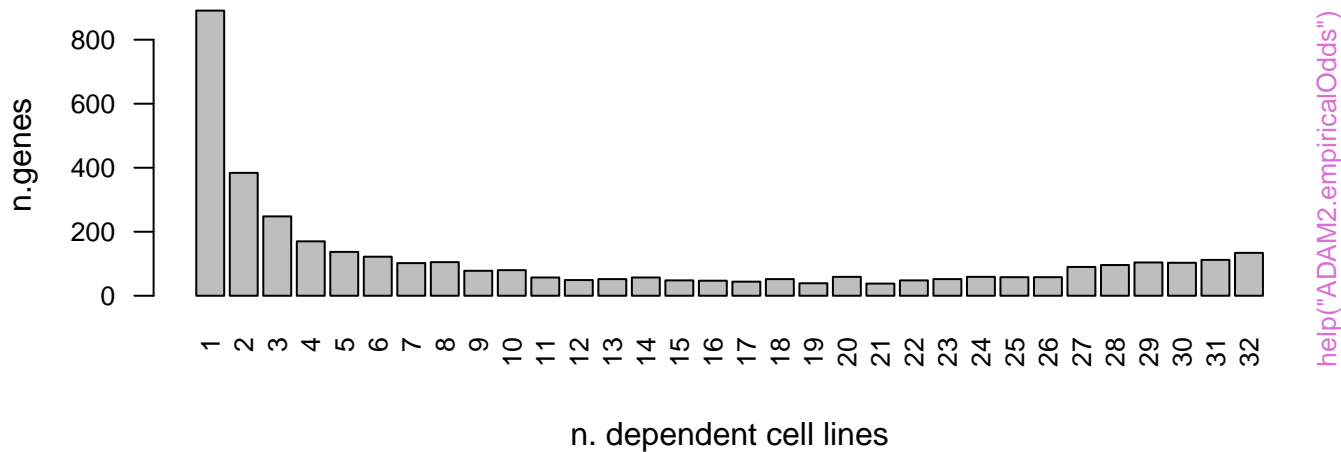
log10 [number of genes + 1]



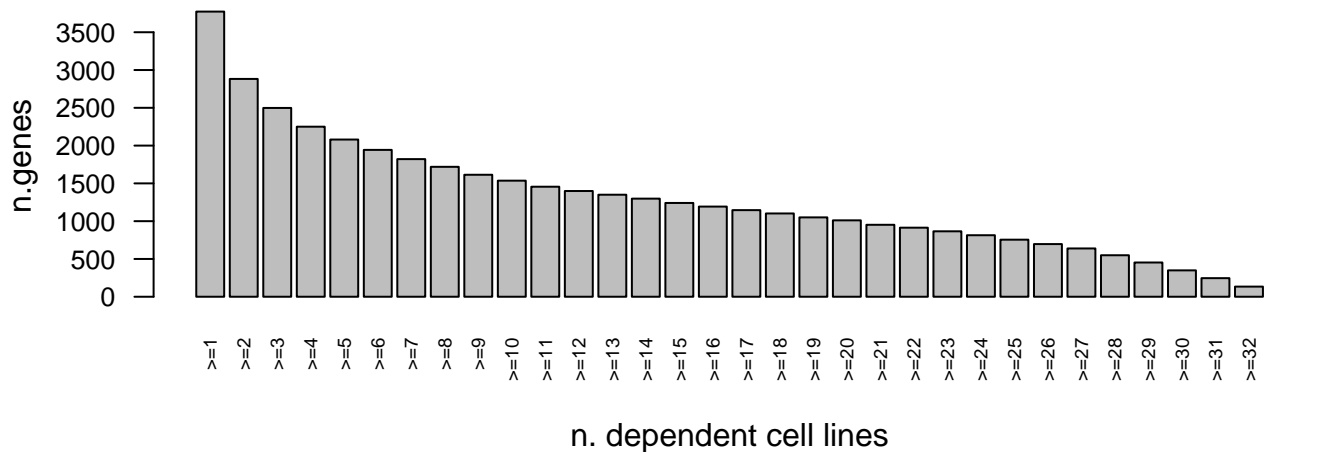
log10 (obs/Expct) n.genes [red, left]
% covered curated BAGEL essential [blue, right]



3773 fitness genes in at least 1 cell line

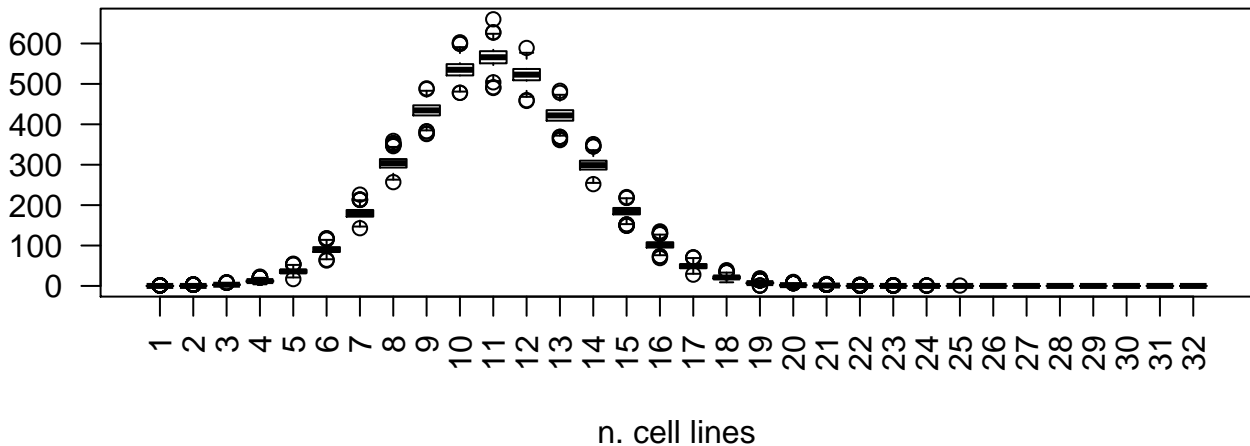


Cumulative sums



1000 randomised essentiality profiles of 3773 genes across 32 cell lines

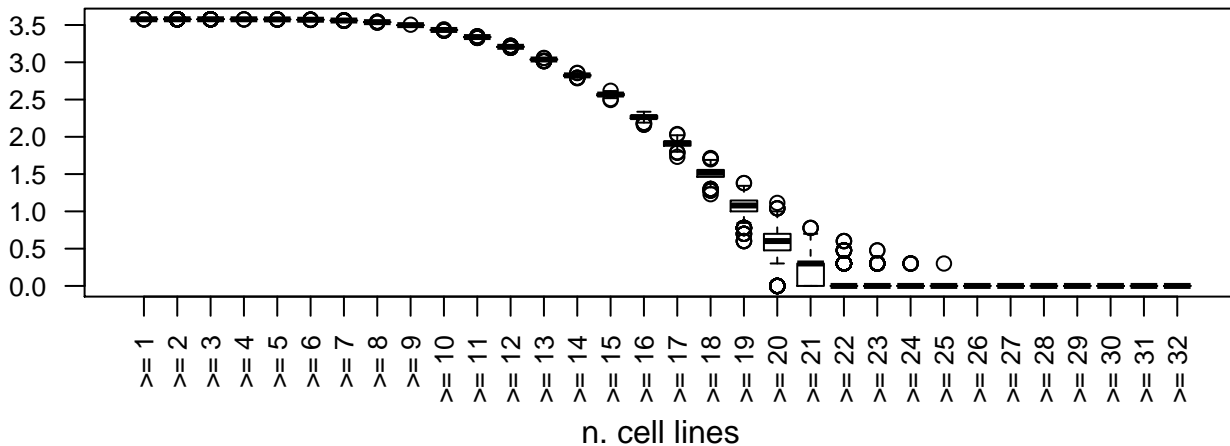
genes depleted in n cell lines



help("ADAM2.empiricalOdds")

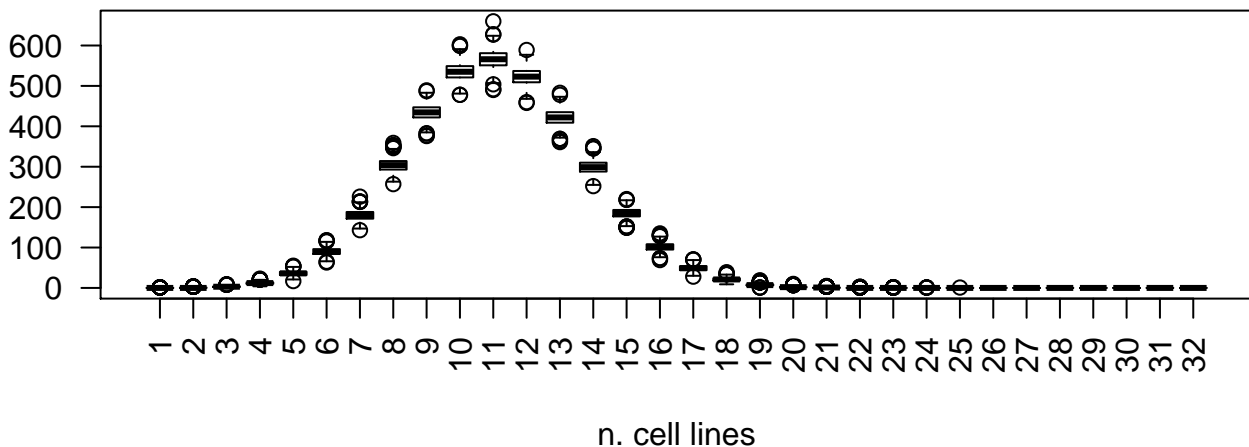
Cumulative sums

log10 [number of genes + 1]



1000 randomised essentiality profiles of 3773 genes across 32 cell lines

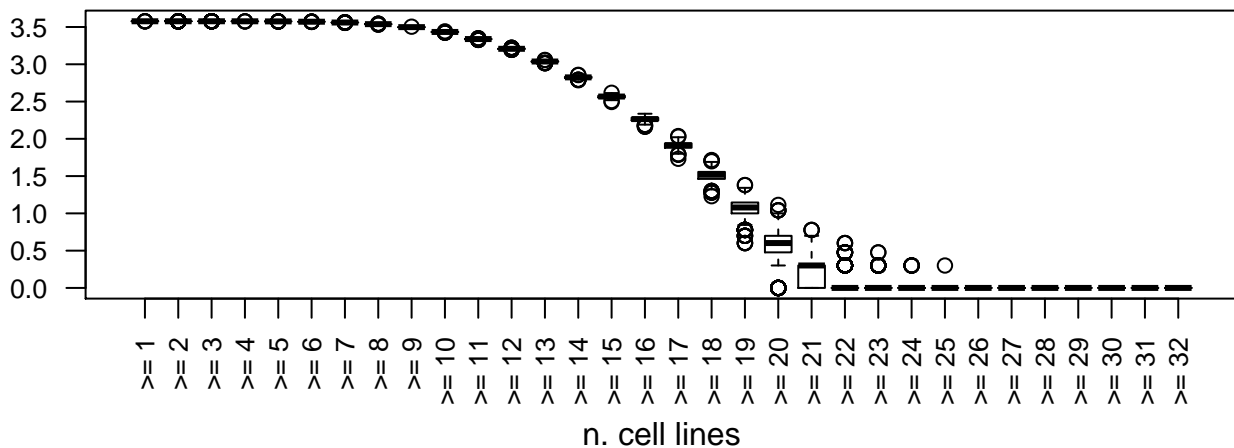
genes depleted in n cell lines



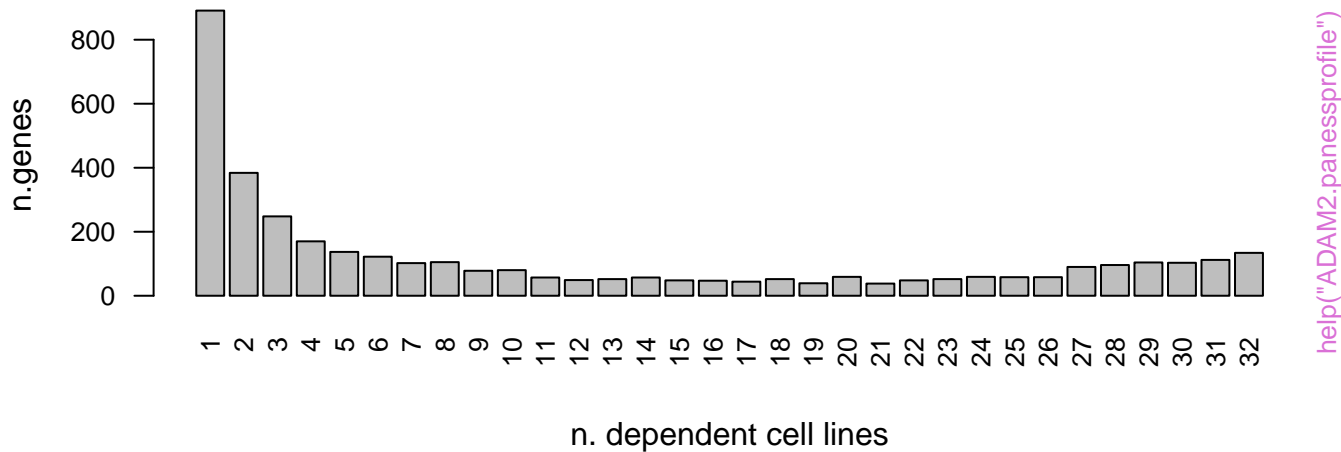
help("ADAM2.generateNullModel")

Cumulative sums

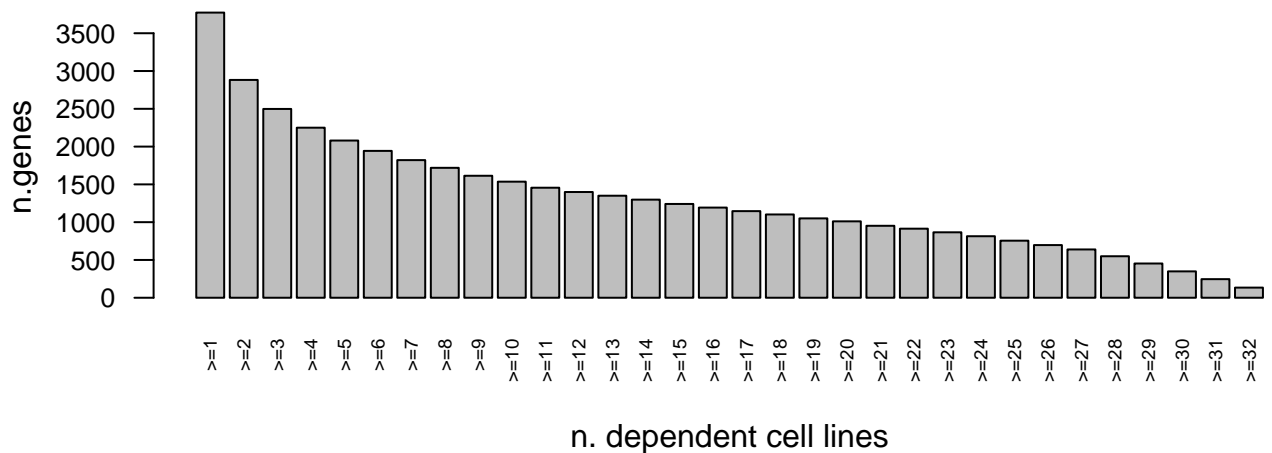
log10 [number of genes + 1]



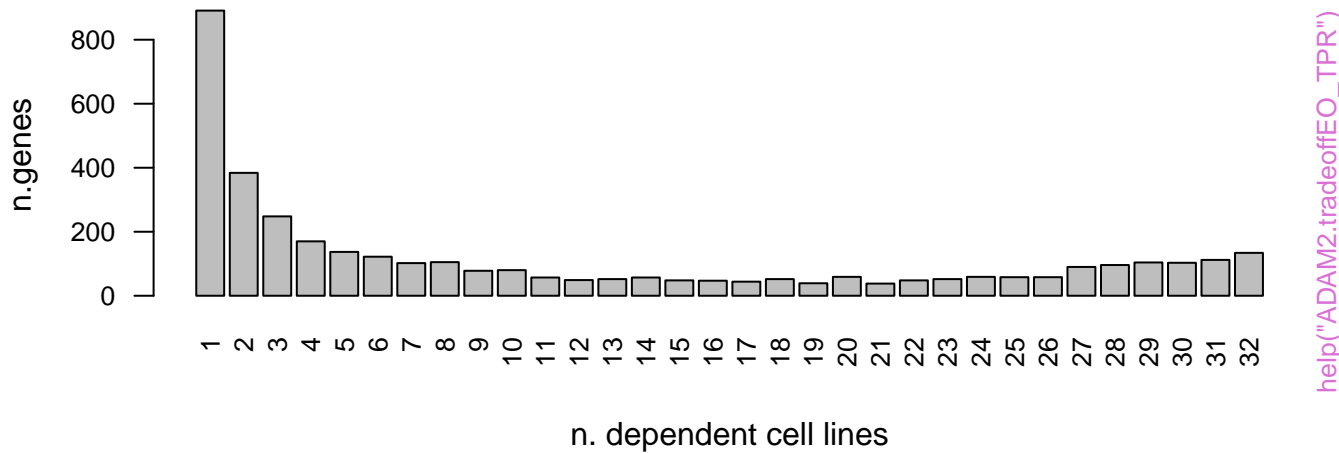
3773 fitness genes in at least 1 cell line



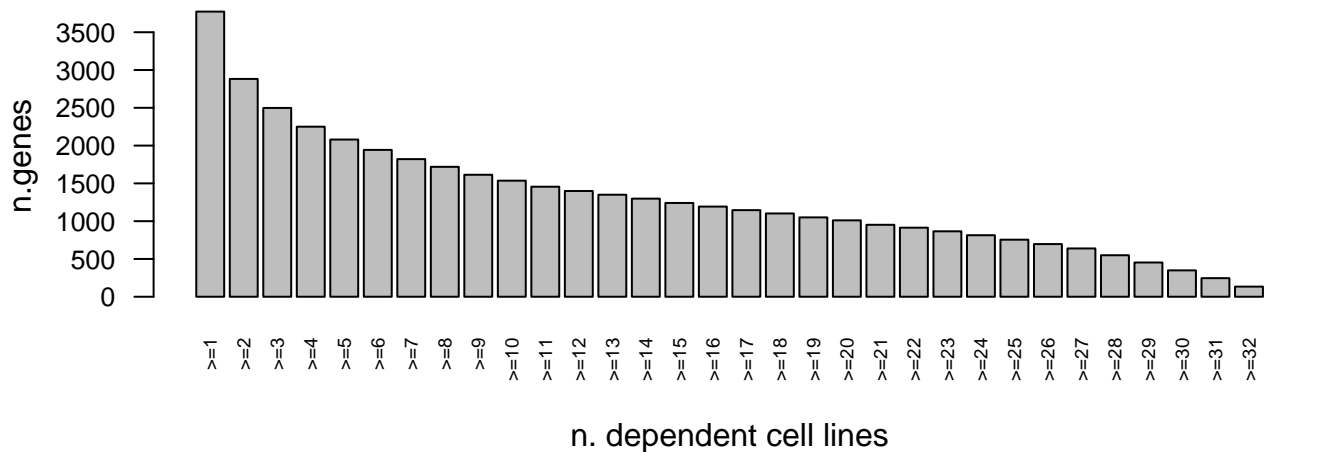
Cumulative sums



3773 fitness genes in at least 1 cell line

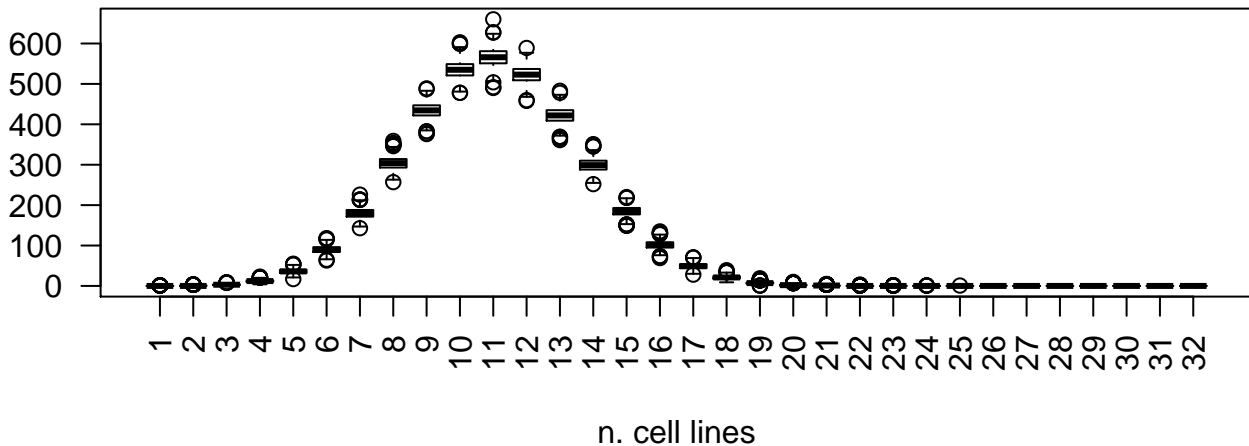


Cumulative sums



1000 randomised essentiality profiles of 3773 genes across 32 cell lines

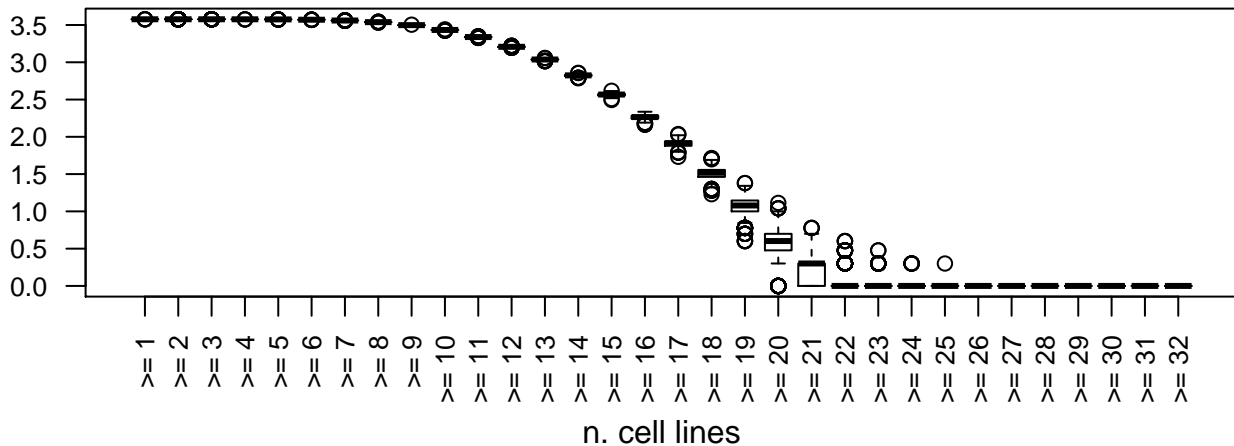
genes depleted in n cell lines



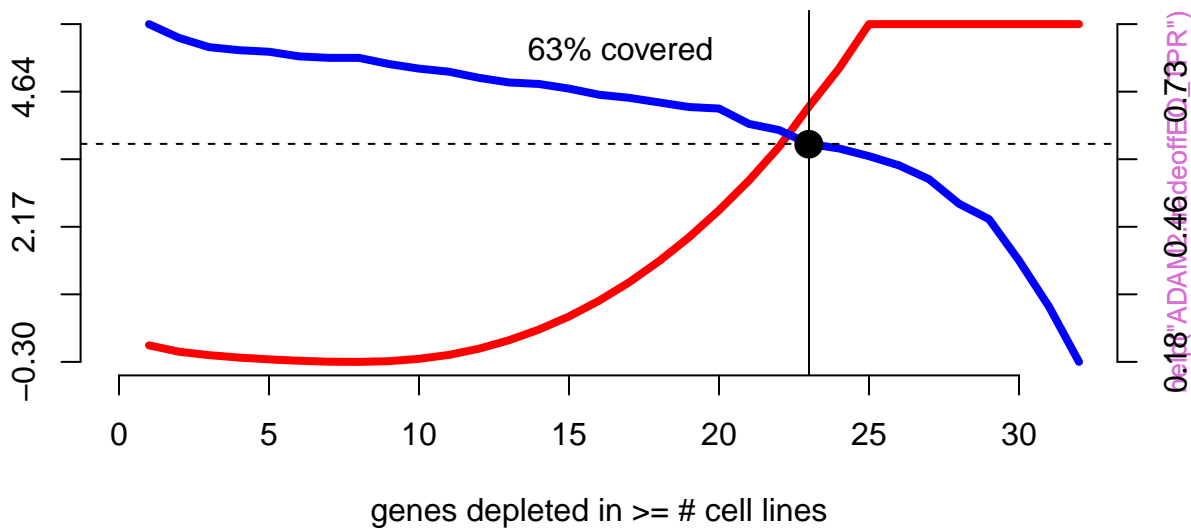
help("ADAM2.tradeoffEO.TPR")

Cumulative sums

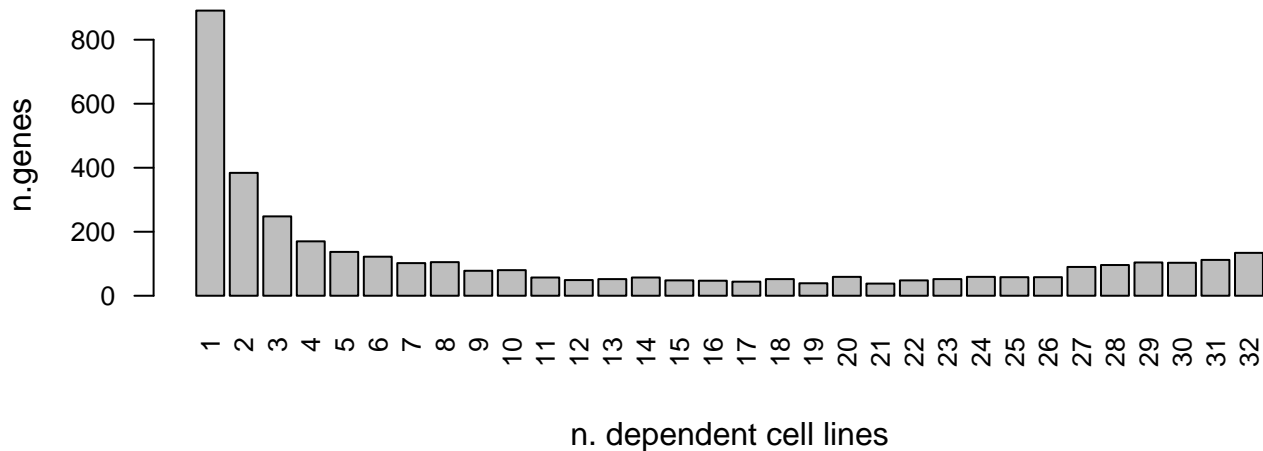
log10 [number of genes + 1]



log10 (obs/Expct) n.genes [red, left]
% covered curated BAGEL essential [blue, right]

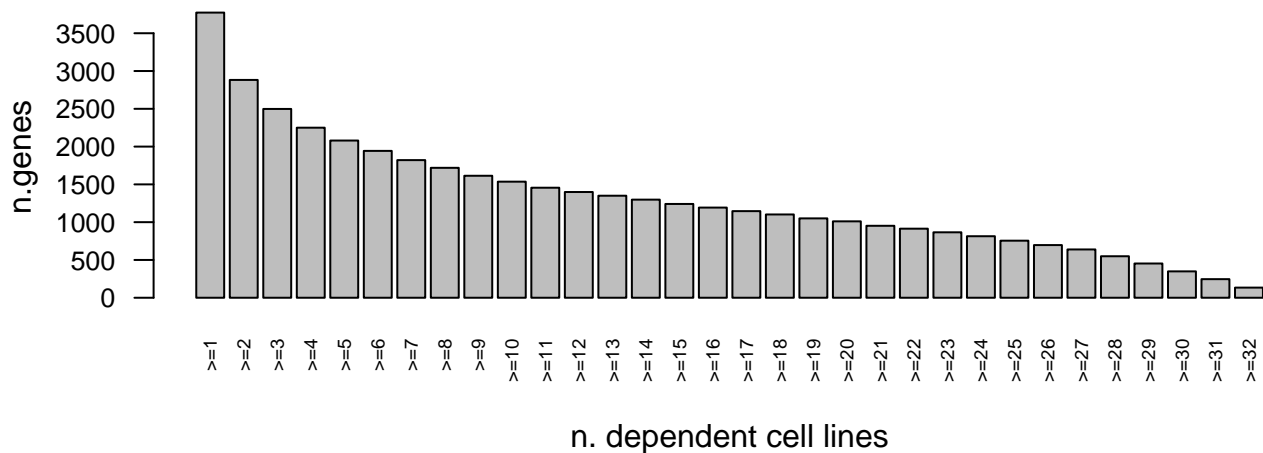


3773 fitness genes in at least 1 cell line



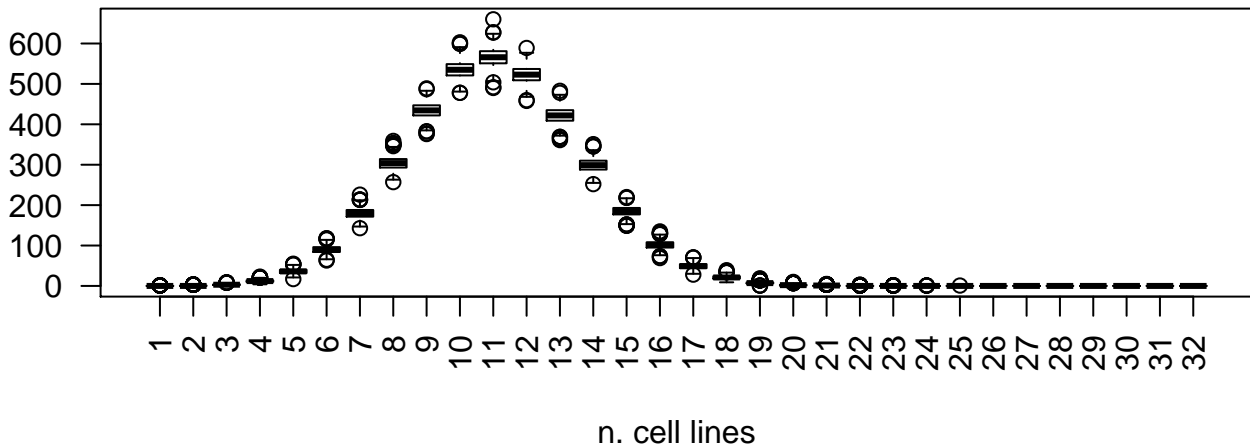
help("ADAM2.truePositiveRate")

Cumulative sums



1000 randomised essentiality profiles of 3773 genes across 32 cell lines

genes depleted in n cell lines



help("ADAM2.truePositiveRate")

Cumulative sums

log10 [number of genes + 1]

