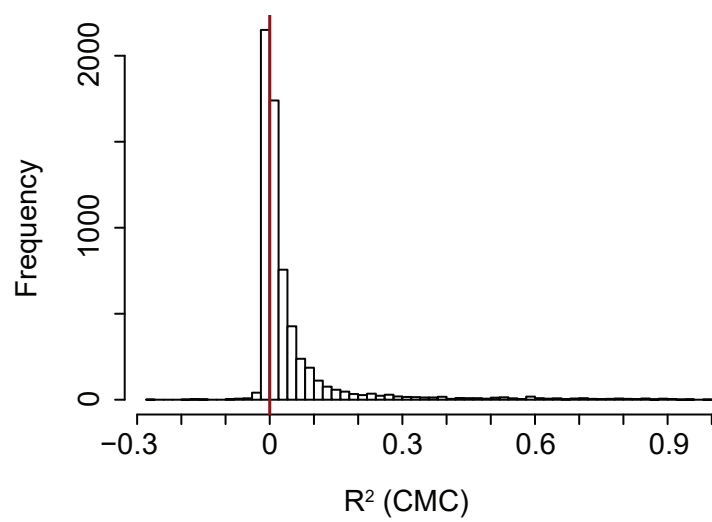


Figure S1

(A)



(B)

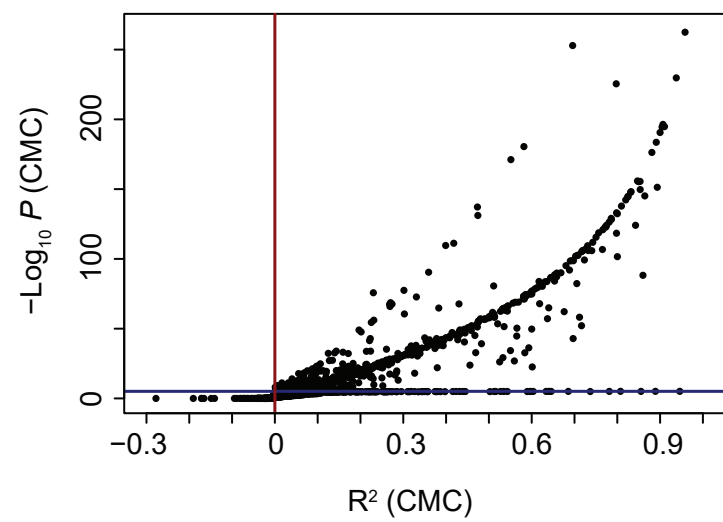


Figure S1. Proportion of PSI explained by the cis-regulatory elastic-net (EN) model.

(A) Histogram of model-explained proportions, R^2 (x-axis), of the CMC RNA-seq PSI for 6,284 SE. Red line, $R^2 = 0$. Zero or negative R^2 values indicate the PSI is not explainable by the genetic variants. For 64.8% of the SE, the model-explained $R^2 > 0$.

(B) Plot shows the model significance ($-\log_{10} P$, y-axis) versus the R^2 (x-axis). Red line, $R^2 = 0$; blue line, $P = 7.96 \times 10^{-6}$ (Bonferroni p cutoff). Dots with $R^2 > 0$ and $P < 7.96 \times 10^{-6}$ correspond to highly cis-regulated events ($n = 1,093$ SE).