File name: Supplementary Data 1

Description: List of traits in PhenomeXcan, with information about trait code, description, type (binary, categorical, continuous, ordinal), sample size, number of cases, number of controls, and study source.

File name: Supplementary Data 2

Description: Archive containing two files about the CRISPR-Cas9 screening on lipid regulation: 1) a list of 462 differentially expressed genes, their effect on lipids (decrease or increase), and rank, and 2) information about the ranking criteria for genes.

File name: Supplementary Data 3

Description: Clustering partition with k=16 groups of 3,752 traits from PhenomeXcan projected into the latent space (with 987 latent variables).

File name: Supplementary Data 4

Description: Clustering partition with k=22 groups of 3,752 traits from PhenomeXcan projected into the latent space (with 987 latent variables).

File name: Supplementary Data 5

Description: Clustering partition with k=25 groups of 3,752 traits from PhenomeXcan projected into the latent space (with 987 latent variables).

File name: Supplementary Data 6

Description: Clustering partition with k=26 groups of 3,752 traits from PhenomeXcan projected into the latent space (with 987 latent variables).

File name: Supplementary Data 7

Description: Clustering partition with k=29 groups of 3,752 traits from PhenomeXcan projected into the latent space (with 987 latent variables).

File name: Supplementary Data 8

Description: Readable format of primer sequences for generating Illumina libraries.