

RNA-seq data

GWAS data

DEGs in SLE vs healthy blood

Significant SLE GWAS SNPs

**Annotate coding, promoter
and UTR SNPs to target genes**

**Use GTEx blood eQTL data
to annotate intronic and
intergenic SNPs to target genes**

**Use FANTOM5 correlations between
CAGE-defined enhancers and promoters
to annotate intronic and intergenic
SNPs to target genes**

**Use promoter capture Hi-C data
from primary hematopoietic cells
to annotate intronic and
intergenic SNPs to target genes**

**Prioritised hits
for target discovery**