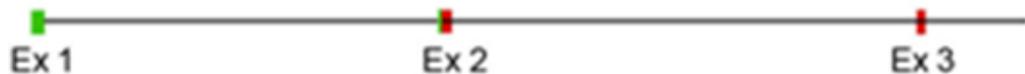


SOAT1 gene

AKR genomic deletions



ACAT1 protein

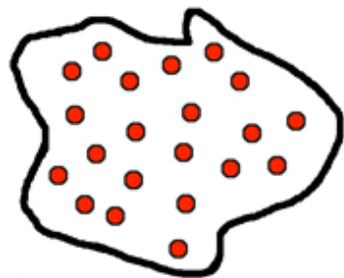
DBA/2 sequence

MSLRNRLSKSGENPEQDEAQKNFMDPYRNGHITMKQLIAKKRLLAAEAEEL...

AKR sequence

MKQLIAKKRLLAAEAEEL...

DBA/2 *Soat1* allele

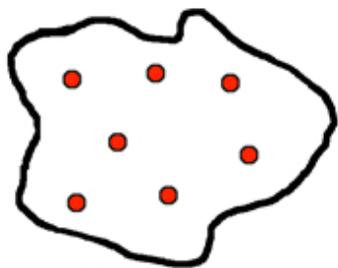


DBA/2 macrophage

CRISPR/Cas9
Soat1 editing



AKR *Soat1* allele



DBA/2 macrophage