

Whole genome
mRNA alignment

5'



3'

1

Variant calling in individual
RI, B6, and AJ mouse samples
against the synthetic reference genome in
each macrophage condition.

All sequence variants

2

Filter out all known
Sanger AJ genomic
SNPs



mRNA SNP variants

3

Filter out all SNPs with
>2 alleles



Bi-allelic SNPs



mRNA edited sites

4

Filter out SNPs not present
in at least 7 samples