

## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: 1 ALL Autoimmune loci. Table of all ATAC-seq peaks containing a SNP in the 99% credible set for an autoimmune disease, the promoters they interact with and the correlation between ATAC-seq activity, interaction strength and gene expression.

File Name: Supplementary Data 2

Description: ALL RA loci. Table of all ATAC-seq peaks containing a SNP in the 99% credible set for RA, the promoters they interact with and the correlation between ATAC-seq activity, interaction strength and gene expression, plus SNPs with eQTL evidence..