6. Abbreviation List

Treg	**Regulatory T Cell**
ChIP-seq	**Chromatin immunoprecipitation followed by sequencing**
TNFα	**Tumor necrosis factor - alpha**
GWAS	**Genome-wide association studies**
SNPs	**Single nucleotide polymorphisms**
LD	**Linkage disequilibrium**
ATAC-seq	**Transposase-accessible chromatin followed by sequencing**
HMM	**Hidden markov models**
ChM-seq	**ChIPmentation-seq**
GRCh38	**Human reference genome build 38**
BED	**Browser extensible data**
MACS	**Model-based analysis of chIP-seq**
ENCODE	**Encyclopedia of DNA elements**
3C	**Chromosome conformation capture**
BAM	**Binary alignment map**
ROC	**Receiver operating characteristic**

RAM	Random access memory
UCSC	University of California - Santa Cruz
TSS	Transcription start sites
KEGG	Kyoto encyclopedia of genes and genomes
UPGMA	Unweighted pair group method with arithmetic mean
PTPRC	Protein tyrosine phosphatase, receptor type, C
QTL	Quantitative trait locus
QC	Quality control