```
HLA-DRB1_{\setminus}
                                                                                                                                                                                                                            CTSS HLA-DRA LGMN
                                                                                                                                                     HLA-DOBIA-DPA CTSA CD163
                                                                                                 HLA-DPB1 TEA-DQB-IA-DT AT HPS4 RALGAPB
POM121 NCOA6 KCNQ2 DCX PTPRC ROBO1 HIP1R FTL GABARAP
SOD2 H1-4 MVO10
                                                                 RPTOR SOD2 H1-4
                                                                                                                                                                               MYO10 SREBF2 SDCBP AP1G1 EXOC4 SEC16A SBF1
                                                          CHD9 SZT2

ATP6V0B-HDAC6

CXCR4 CRMP1 SEMA5A CTSC NBAS

FTH1 EPN2
                                                SH3BP4 HSPA1B TPP1 HERPUD1
SH3BP4 HSPA1B TPP1 HERPUD1

CXCL8 ANAPC16 TP6V: FCNFE2L2 MRPL36ALSS II ANTIGEN PRESENTIATION CTSB HIP1 RAB13

HSPA1A POM121C MDM4 HSPA12A RPL41 CAPZA1 SPTBN2 COL5A1 CTSD VPS51 TBC1D16

UBE2S ERO1A ATP6V0E1 CTSK UBA52 TUBB2A TUBB3 ARPC4 LCG1 DAG1 AGRN RABGAP1 LRP4

CAMK2A RAI1 GPX1 PSME2 PSME1 CAPZB CTSL ARPC3 KIF1A KIF21B ACAN CABIN1 H1-3 TNRC6B TNRC6C CLASP1 PIK3R2 SRGAP3 L1CAM KIF1B COL1A2 PTPRS TNR

DNAJB11 NCOR1 AGO3 CYBB PLXNB1 MYL6 ARHGEF7 VAMP3 ITGB2 A2M CD9 PPIB

TCF3 EHMT1 EP300 H4C15 CIT KDM14 DBN1 BCR DST SRGN SELENCE MMP16
                                                                                                                                                                                                                                                                                                                                                             FTH1 EPN2
     AGO2 ARID2

KMT2B

ARID1B

ARHGAP32

ARHGAP32

OBSCN

TRRAP KMT2C

KMT2A

CCND1

ACC2RHGAP31/BRK1

ARHGAP5 SLENOP

ARHGAP5 SERPING1

ARHGAP5 SERPING1

ARHGAP5 SLC7A5

MTA1 GATAD2B

ARID1A

LIFR HIPK2 S100A9

ARHGEF4

ARHGEF4

ARHGAP3

CYCLEAC TOME HEMOSTASIS

TTN

DBN1 BCR

DST SRGN SELENOP

PEAK1 S100A10SERPINA3

ARHGDIB:CDC88A

SERPING1

ARHGAP5 SLC7A5

ARHGAP5 SLC7A5

ARHGAP5 SLC7A5

ARHGAP6 S100A8

ARHGAP6 SPEN

ARHGAP6 SLC7A5

ARHGAP6 SPEN

ARHGAP6 SPEN

ARHGAP6 SLC7A5

ARHGAP6 SLC7
                                                                                                                                                                                                                                                                                                                                                                                                                                                        MMP16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       size
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10
                                                                                                                                                                                                                                                                                                                                                                                                                                                    NRXN1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20
KDM4B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            40
KAT6B HCFC1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               50
                                KANSL1 / PHF2
                                             KDM5B NSD2 KAT7
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CXCL2 CCR5 CCR1 NTSR1 PTH2R C5AR1

FZD9 SSTR1 CHRM2 CYSLTR1 S1PR2

TAS2R4 FPR1 ADRA1ACXCL1 SUCNR1 CCL3L3

TAS2R31 VIPR1 CCL5 CXCR2 OPRD1

GRM4 CRHR1 FPR3 DRD4 ADRA2B PLPPR5

WNT9A GPR183 C5AR2 DRD2 NPB

ADGRE1 GNGT2 TSHR
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