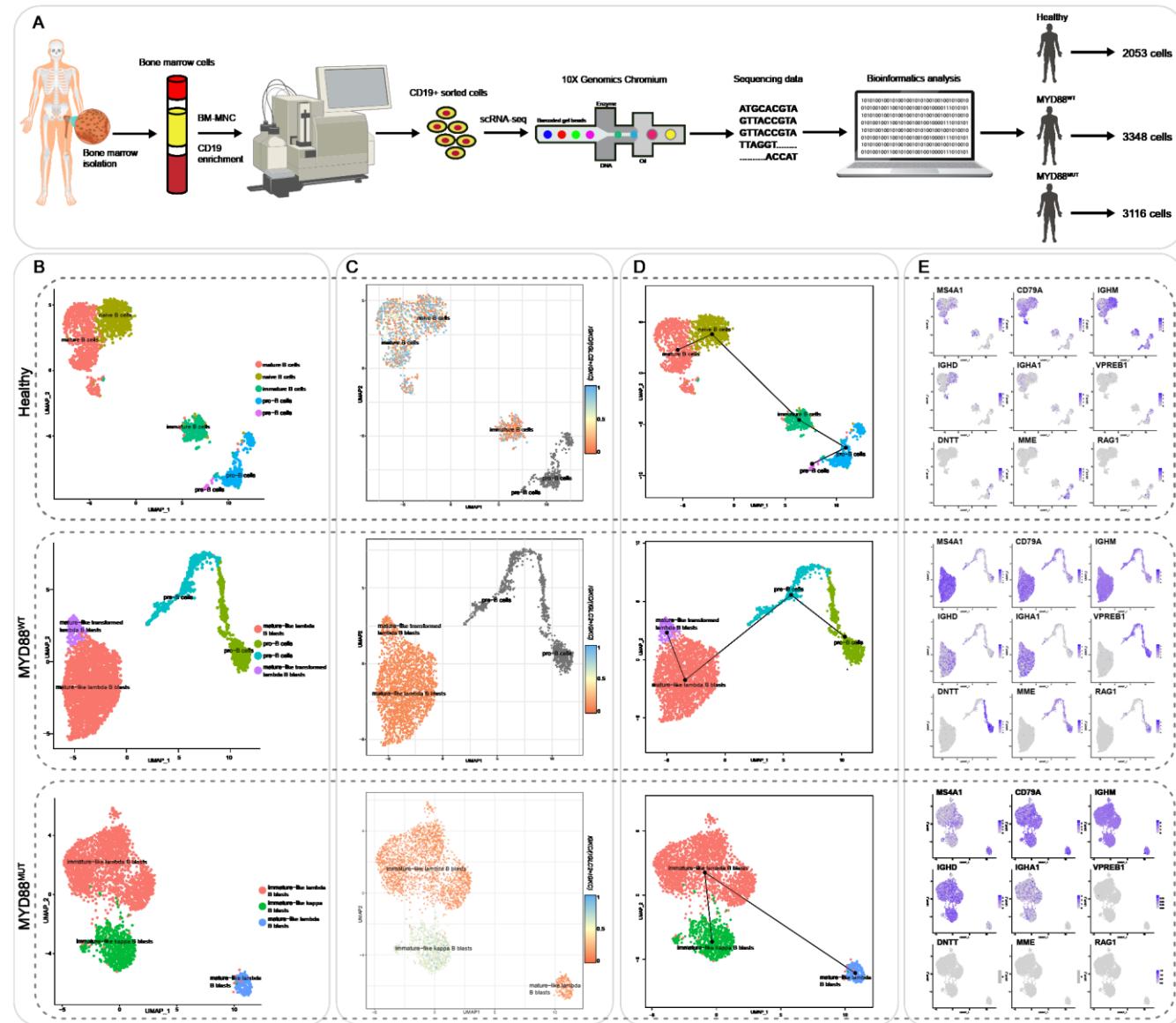


Εφαρμογή
Τεχνολογιών διαθέσιμων στο ρmed στη
Κλινική Έρευνα

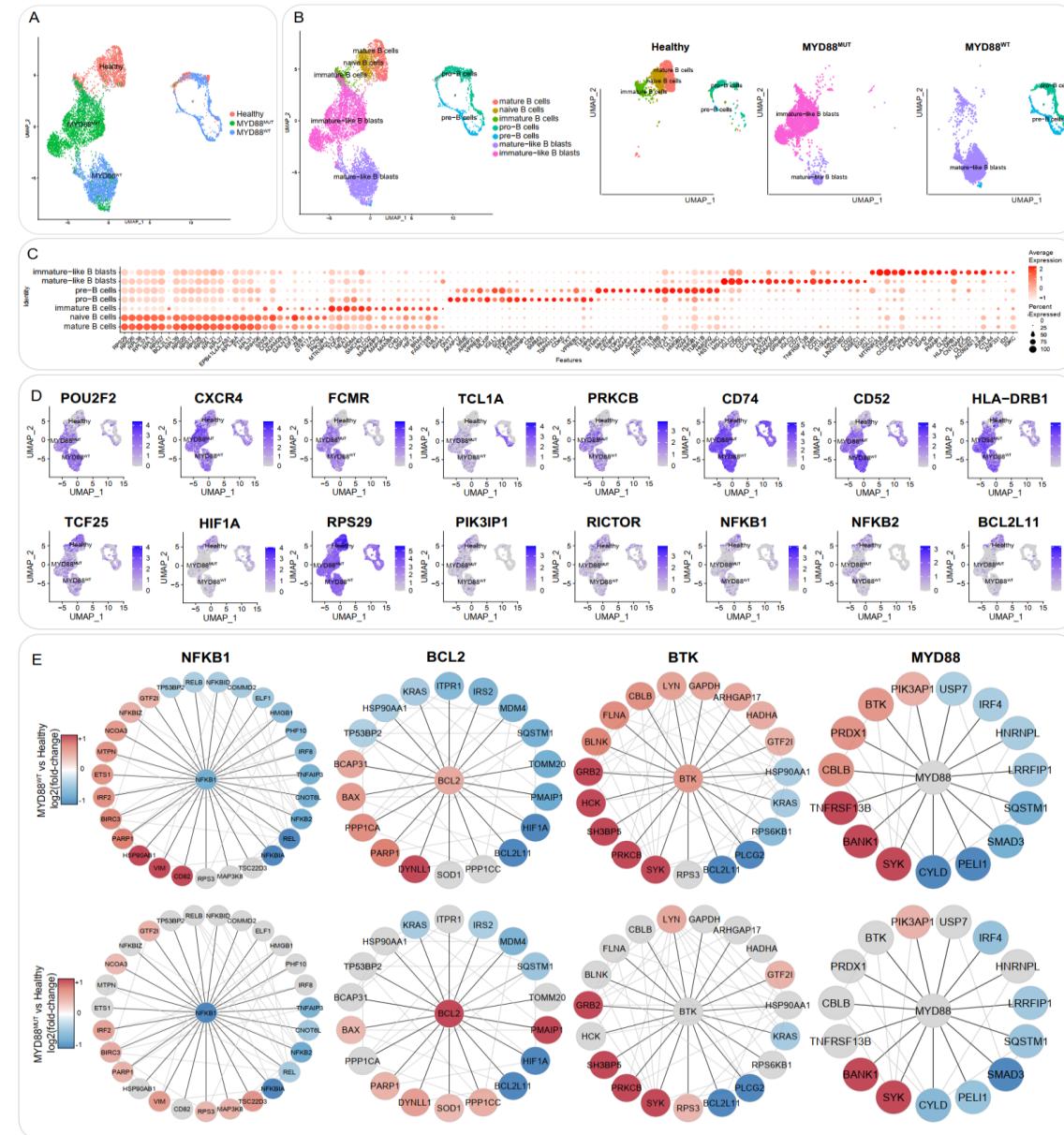
Ε. Καστρίτης

Θεραπευτική Κλινική ΕΚΠΑ

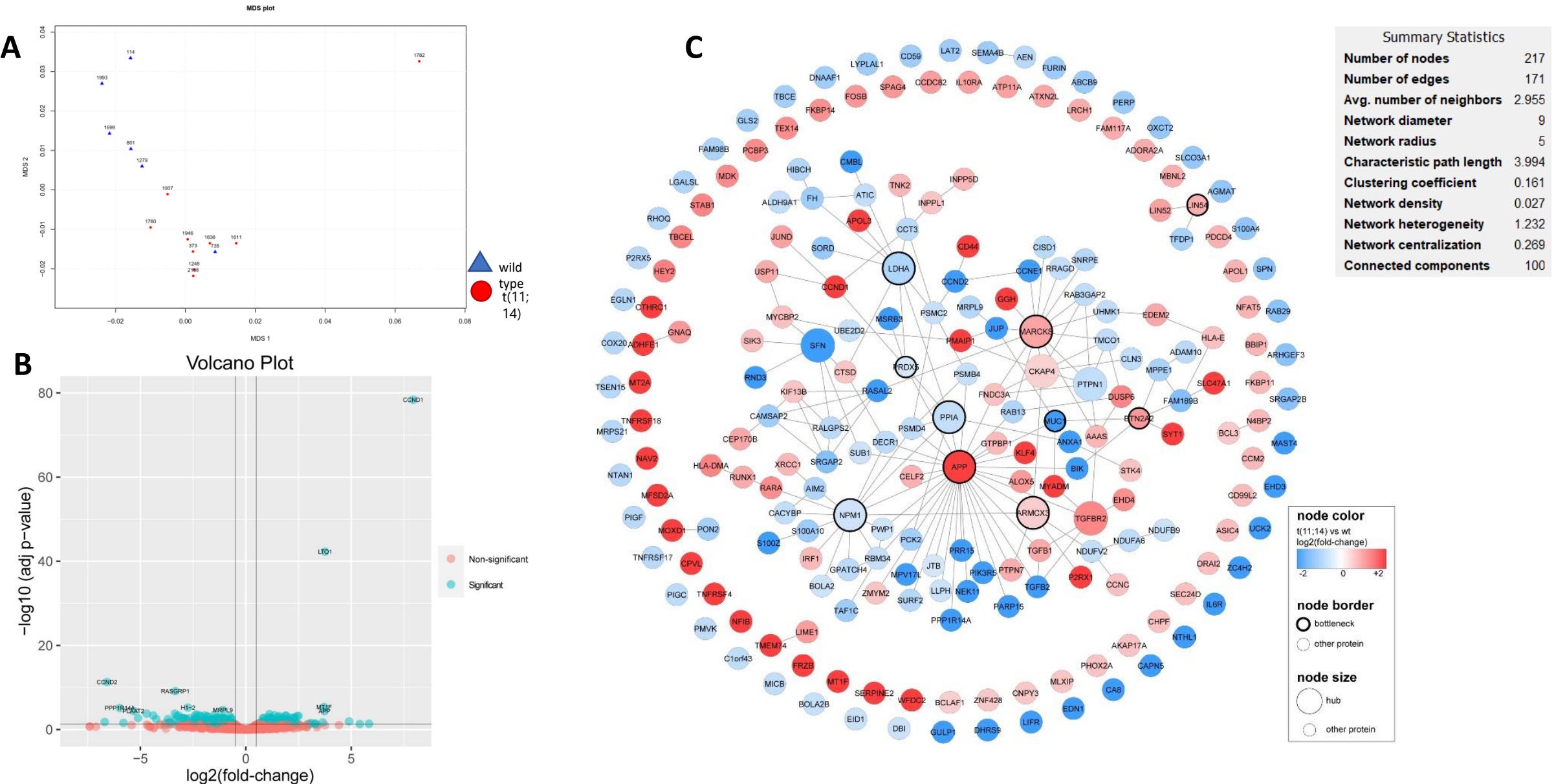
Single cell analysis of MYD88^{L265P} and MYD88^{WT} Waldenström macroglobulinemia patients



Single cell analysis of $\text{MYD88}^{\text{L265P}}$ and MYD88^{WT} Waldenström macroglobulinemia patients

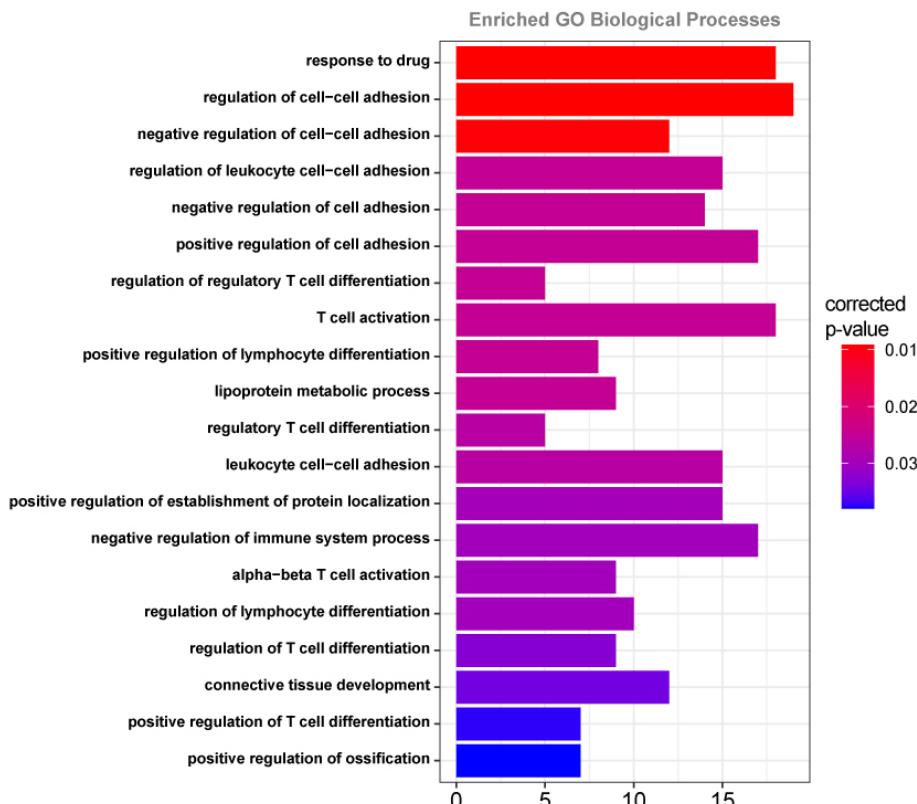


Transcriptome analysis of plasma cell clones with and without t(11;14) in AL amyloidosis reveals potential mechanisms of resistance to bortezomib and potential new targets



Functional enrichment analysis

- Functional enrichment analysis was performed with clusterProfiler. Significantly enriched GO Biological Processes were selected with an Benjamini-Hochberg corrected p-value < 0.05.



ID	Description	p.adjust	Genes
GO:0042493	response to drug	0.009144841	KRCC1, EDN1, TGFB2, CCND1, MDK, MT2A, FOSB, ADORA2A, LDHA, ANXA1, GGH, ADAM10, DUSP6, SORD, TGFB2, AIM2, PPP1R14A, S100A10
GO:0022407	regulation of cell-cell adhesion	0.009144841	ALOX5, CD44, NFAT5, TGFB1, MDK, EPCAM, BTN2A2, IRF1, ADORA2A, RARA, ANXA1, SERPINE2, KLF4, RUNX1, TGFB2, RASGRP1, SPN, HLA-E
GO:0022408	negative regulation of cell-cell adhesion	0.009470796	TGFB1, MDK, EPCAM, BTN2A2, IRF1, ADORA2A, RARA, ANXA1, SERPINE2, KLF4, RUNX1, MYADM, SPN
GO:1903037	regulation of leukocyte cell-cell adhesion	0.02486514	ALOX5, CD44, NFAT5, MDK, BTN2A2, IRF1, ADORA2A, RARA, ANXA1, KLF4, RUNX1, TGFB2, RASGRP1, SPN, HLA-E
GO:0007162	negative regulation of cell adhesion	0.02486514	TGFB1, MDK, EPCAM, BTN2A2, IRF1, ADORA2A, RARA, ANXA1, SERPINE2, KLF4, ADAM10, RUNX1, MYADM, MUC1, SPN
GO:0045785	positive regulation of cell adhesion	0.02486514	ALOX5, CD44, TGFB2, STK4, NFAT5, MDK, BTN2A2, RARA, ANXA1, RUNX1, TGFB2, RASGRP1, JUP, MYADM, TNFRSF18, S100A10, HLA-E
GO:0045589	regulation of regulatory T cell differentiation	0.02486514	MDK, BTN2A2, IRF1, RUNX1, TNFRSF18
GO:0042110	T cell activation	0.02486514	CD44, BCL3, MDK, RAB29, BTN2A2, IRF1, ADORA2A, RARA, ANXA1, RUNX1, TGFB2, RASGRP1, TNFRSF4, TNFRSF18, SPN, KIF13B, MICB, HLA-E
GO:0045621	positive regulation of lymphocyte differentiation	0.02486514	MDK, BTN2A2, RARA, ANXA1, RUNX1, TGFB2, INPP5D, RASGRP1
GO:0042157	lipoprotein metabolic process	0.02486514	APOL1, CTSO, RAB3GAP2, APOL3, PIGC, LYPLAL1, PIGF, MPPE1, DBI
GO:0045066	regulatory T cell differentiation	0.026675649	MDK, BTN2A2, IRF1, RUNX1, TNFRSF18
GO:0007159	leukocyte cell-cell adhesion	0.026675649	ALOX5, CD44, NFAT5, MDK, BTN2A2, IRF1, ADORA2A, RARA, ANXA1, KLF4, RUNX1, TGFB2, RASGRP1, SPN, HLA-E
GO:1904951	positive regulation of establishment of protein localization	0.029516544	RIPOR1, EDEM2, TGFB2, TGFBI, RAB29, ADORA2A, PMAIP1, CCT3, JUP, SFN, TNFRSF4, CLN3, PPIA, TDP1, HLA-E
GO:0002683	negative regulation of immune system process	0.0299117871	CD59, TGFB2, TGFBI, MDK, BTN2A2, IRF1, ADORA2A, RARA, SELENOS, ANXA1, LRCH1, RUNX1, PSMB4, INPP5D, SPN, MICB, HLA-E
GO:0046631	alpha-beta T cell activation	0.0299117871	BCL3, IRF1, ADORA2A, RARA, ANXA1, RUNX1, TGFB2, SPN, HLA-E
GO:0045619	regulation of lymphocyte differentiation	0.0299117871	MDK, BTN2A2, IRF1, RARA, ANXA1, RUNX1, TGFB2, INPP5D, RASGRP1, TNFRSF18
GO:0045580	regulation of T cell differentiation	0.032813291	MDK, BTN2A2, IRF1, RARA, ANXA1, RUNX1, TGFB2, RASGRP1, TNFRSF18
GO:0061448	connective tissue development	0.034384061	CD44, EDN1, TGFB1, MDK, BMP8B, RARA, NFIB, ARID5B, RUNX1, IL6R, FRZB, TGFB2
GO:0045582	positive regulation of T cell differentiation	0.037459001	MDK, BTN2A2, RARA, ANXA1, RUNX1, TGFB2, RASGRP1
GO:0045778	positive regulation of ossification	0.037999719	ALOX5, TGFB2, TGFB1, JUND, IL6R, CTHRC1, IFITM1
GO:0051222	positive regulation of protein transport	0.037999719	RIPOR1, EDEM2, TGFB2, TGFB1, RAB29, ADORA2A, PMAIP1, JUP, SFN, TNFRSF4, CLN3, PPIA, TDP1, HLA-E
GO:1902107	positive regulation of leukocyte differentiation	0.037999719	TGFB1, MDK, BTN2A2, RARA, ANXA1, RUNX1, TGFB2, INPP5D, RASGRP1
GO:2000404	regulation of T cell migration	0.037999719	CD99L2, LRCH1, ADAM10, APP, SPN
GO:0051216	cartilage development	0.037999719	CD44, EDN1, TGFB1, MDK, BMP8B, RARA, NFIB, RUNX1, FRZB, TGFB2
GO:1903039	positive regulation of leukocyte cell-cell adhesion	0.037999719	ALOX5, CD44, NFAT5, MDK, BTN2A2, RARA, ANXA1, RUNX1, TGFB2, RASGRP1, HLA-E
GO:0046634	regulation of alpha-beta T cell activation	0.037999719	IRF1, ADORA2A, RARA, ANXA1, RUNX1, TGFB2, HLA-E