	Up-regulated signaling in act													Down-regulated signaling in act																						
VCAM1 – (ITGA4+ITGB7) -		• • •	•	•		•	•	•	•		•				•	•			VCAM1 – (ITGA4+ITGB7)			•		•		•		•		•		•	•		•	•
VCAM1 – (ITGA4+ITGB1) -			•			• •	•				•								VCAM1 – (ITGA4+ITGB1) TIGIT – NECTIN2		•					•		•	•	•	•	•				
v Gaivi I — (11 GA4+11 GB1) -																			SEMA7A – (ITGB1+ITGA1)	-						•				•		•				
TIGIT – NECTIN2 -	•	•	•	•		•													SEMA4D – PLXNB2 SEMA4A – PLXNB2		•		•	•		•		•		•		•	•			
SEMA4D – PLXNB2 -		•		•		•	•		•		•								DLL1 – NOTCH2									•								
SEMA4A – PLXNB2 -																			DLL1 – NOTCH3	i –								•								
GLIVIATA - I EXINDZ																			NEGR1 – NEGR1 NCAM1 – FGFR1							•		•					•			
MPZL1 – MPZL1 -						•					•	•							MPZL1 – MPZL1							•						•	•			
ITGB2 – ICAM1 -		•		•		•						•							JAM3 – JAM3										•							
CD99 – CD99 -		•	•	•		•													JAM3 – JAM2 F11R – JAM3											•		•	•			
																			F11R – JAM2	! -												•	•			
CD46 – JAG1 -	•	• •	•	•	•	•		•	•	•			•	•	•				ITGB2 – ICAM1		•			•		•							•			
CD40LG – CD40 -	•	•																	CD99 – CD99 CD40LG – CD40		•					•										
CD226 – NECTIN2 -	•	•	•	•		•	•					•)						CD226 – NECTIN2	-	•		•	•			•	•					•			
																			CADM1 – CADM1 LAMC1 – DAG1														•			•
CADM1 – CADM1 -												•				•			THBS1 – CD47																	
LAMC1 - DAG1 -																•			THBS1 - SDC4	. –												•				
THBS1 – CD47 -																			COL9A3 – SDC4 COL9A2 – SDC4							•		•		•		•	•			•
																			COL4A4 – SDC4											•						•
COL4A4 – CD44 -									•							•			COL4A3 – SDC4	. –										•						•
COL4A4 – (ITGA11+ITGB1) -								•	•						•	•		Commun. Prob.	COL9A3 – CD44 COL9A2 – CD44							•		•		•		•	•			•
LAMC1 – (ITGA7+ITGB1) -															•)		max	COL4A4 – CD44											•						•
																			COL4A3 – CD44										•	•					•	
COL4A4 – (ITGA1+ITGB1) -								•							•			min	LAMC1 – (ITGA7+ITGB1) COL9A3 – (ITGA1+ITGB1)							•				•					•	•
LGALS9 – CD44 -					•			•			•		•					p-value 0.01 < p < 0.05	COL9A2 – (ITGA1+ITGB1)	-								•					•			
BTLA – TNFRSF14 -									•			•	•	•				p < 0.01	COL4A4 – (ITGA1+ITGB1) COL4A3 – (ITGA1+ITGB1)										•							•
GAS6 – AXL -											•								LGALS9 – CD44						•				•			• •	•	•		
GAOU - AVIL																			GAS6 – MERTK													•	•			•
MDK – LRP1 -																•			GAS6 – AXL GZMA – PARD3													•	•			•
MDK – SDC2 -																•			GZMA – F2R	. –				•		•										
NAMPT – INSR -											•								MDK – LRP1																	•
																			MDK – SDC4 NAMPT – INSR													•				•
RETN – CAP1 -										•	•								TNFSF12 – TNFRSF12A		•		•	•			•	•	•	•	•	•	•	• •)	
TNFSF12 – TNFRSF12A -	•	•	•	•		•	•	•	•	•	•	•	•	•					FASL – FAS TNFSF14 – TNFRSF14					•		•		•								
LTA – TNFRSF14 -						•													TNFSF14 – LTBR					•		•		•								
																			TNF - TNFRSF1B							•				•						
LTA – TNFRSF1B -						•													TNF – TNFRSF1A IGF1 – IGF1R						•	•				•			•			•
LTA – TNFRSF1A -					•	•													PDGFD – PDGFRB					•												
TNF – TNFRSF1B -						•			•										PDGFC - PDGFRA													•	•			
TNF – TNFRSF1A -					•				•										HBEGF – EGFR AREG – EGFR		•	•	•	•		•	•	•	•	•	•		•	• •	•	•
ine – inprofia -																			WNT5B – FZD7														•			
IFNG – (IFNGR1+IFNGR2) -			•	•															WNT5A – MCAM WNT5A – FZD7													•				
OSM - (OSMR+IL6ST) -										•									WNT10A – (FZD7+LRP6)													-				•
OSM – (LIFR+IL6ST) -										•									WNT10A – (FZD7+LRP5)																	•
(E. KILOOT)																			BMP6 – (BMPR1A+BMPR2) BMP6 – (ACVR1+BMPR2)																	•
PDGFD – PDGFRB -						•													GDF7 – (BMPR1A+BMPR2)											•						
	RC1 (act)	PRC1 (res) - PRC1 (act) -	PRC1 (act) -	PRC1 (res) -	PRC1 (act) -	PRC1 (res) - PRC1 (act) -	PRC1 (res) -	PRC1 (act) -	PRC1 (res) -	PRC1 (act) -	PRC1 (res) -	PRC1 (res) -	PRC1 (act) -	PRC1 (res) -	PRC1 (act) -	PRC1 (res) -	٠			PRC1 (act) -	PRC1 (res) -	PRC1 (act) -	PRC1 (res) -	PRC1 (res) -	PRC1 (act) -	PRC1 (res) -	PRC1 (res) -	PRC1 (act) -	PRC1 (act) -	PRC1 (res) -						
	CD4T -> PRC1	CD8Tcm -> PRC1 CD8Tcm -> PRC1 CD8Tcm -> PRC1	CTL/NKcell -> PF	Ŷ	GCB -> PF	GCB -> PF	ILC3 -> PF	MBC -> PF	MBC -> PF	Mph/DC-1 -> PF	Mph/DC-1 -> PF	Moh/DC-2-2-8	^	٨	plasmaCell -> PF	naCell -> PF				CD4T -> PF	CD4T -> PF	CD8Tcm -> PF	^ /	^	\ \	Λ.	٨	ILC3 -> PF	^	MBC -> PF	Λ	Mph/DC-1 -> PF	Mph/DC-2 -> PF	\ \ \ \	plasmaCell -> PF	naCell -> PF
	J	CDE	CTL/N	CTL/NKcell -						Mph/l	Mph/l	Moh/T	n8	ns	plasm	plasm				J	J	CD	CD8Tcm -	CTL/NKcell							Mph/i	Mph/i Mph/E	Mph/L	Ë <u>C</u>	plasm	plasm

p-value

0.01 p < 0.01