

FIG. 1

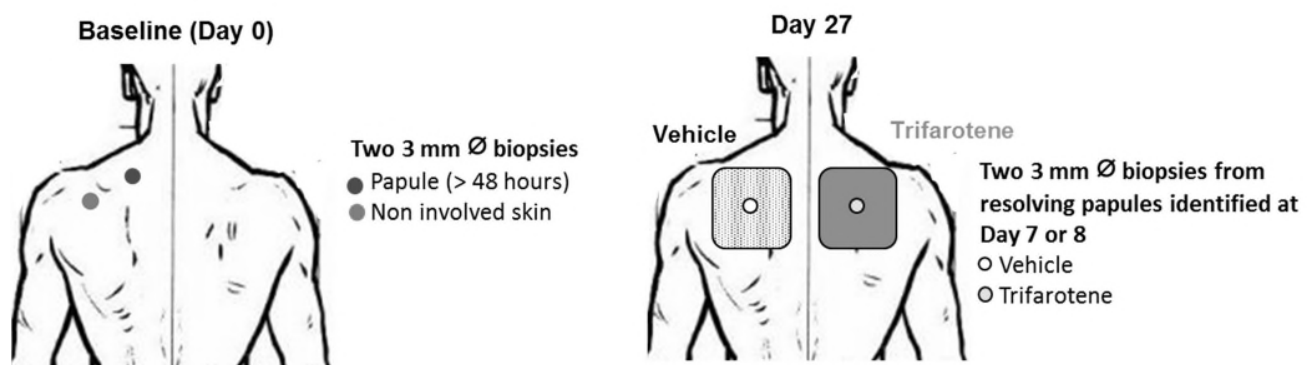


FIG. 2

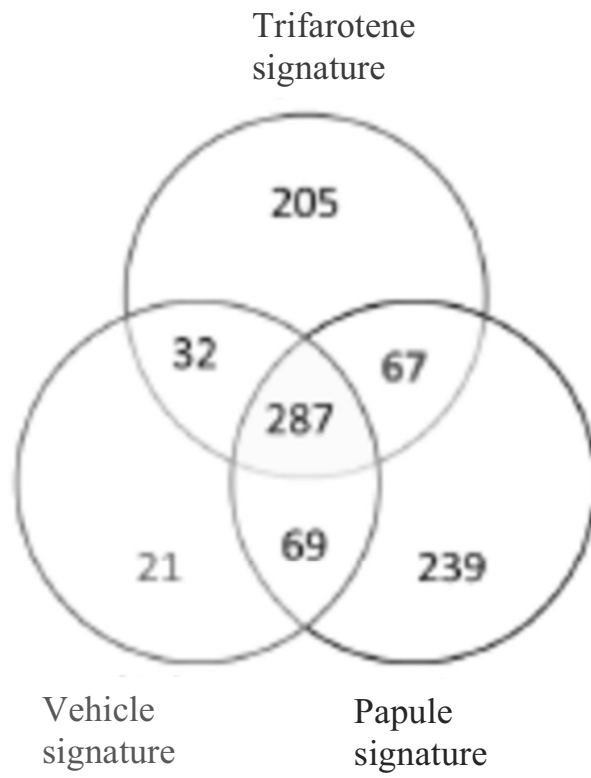


FIG. 3

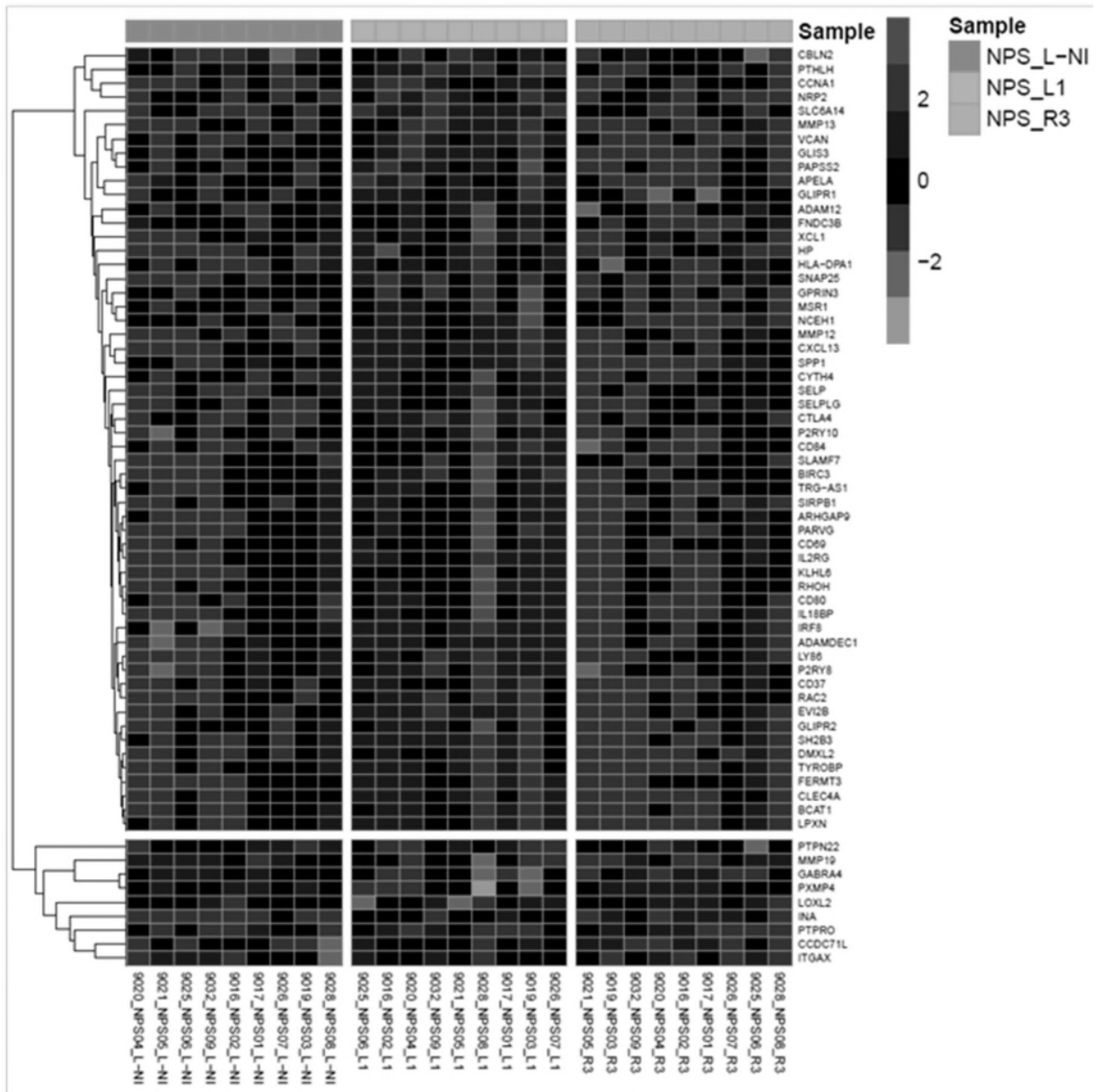


FIG. 4

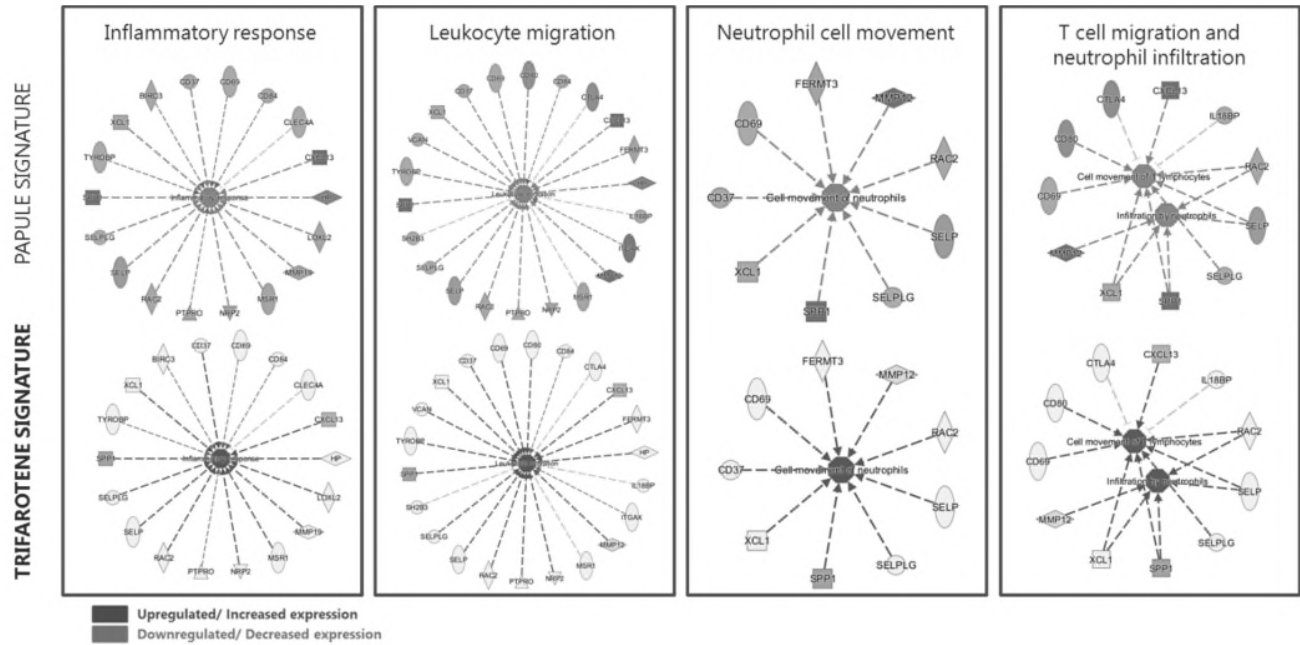


FIG. 5(A)

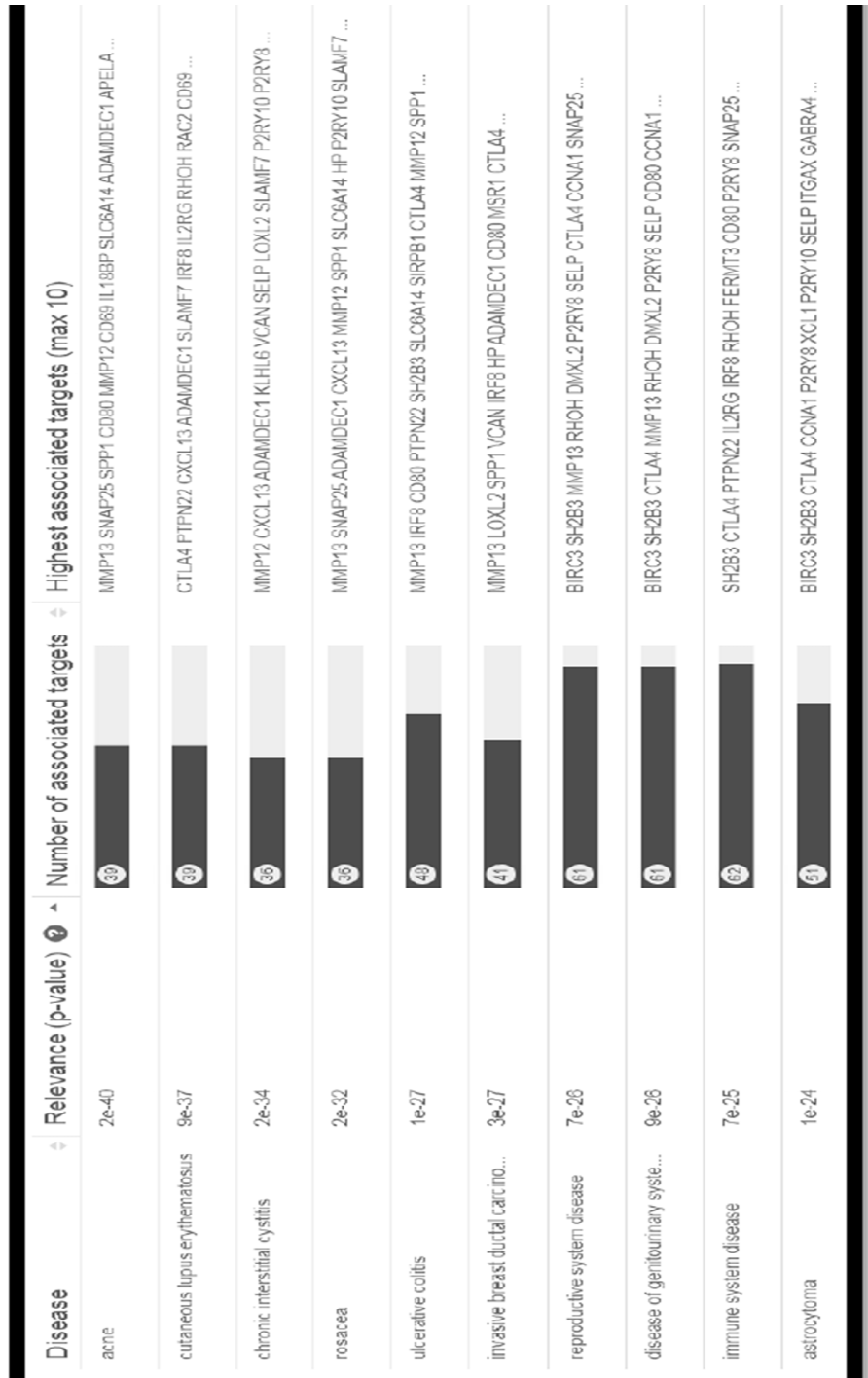


FIG. 5(B)

Pathway	Relevance (p-value)	Number of targets	Targets in pathway
Extracellular matrix organization	0.00024	3	ADAM12, MMP19, SPP1, MMP12, VCAN, MMP...
Interaction With Cumulus Cells And The Zona P...	0.0027	1	ADAM12
Signal regulatory protein family interactions	0.0056	2	TYROBP, SIRPB1
Defective PAFSS2 causes SEMD-PA	0.0069	1	PAFSS2
Variant SLC6A14 may confer susceptibility towa...	0.0069	1	SLC6A14
Crosslinking of collagen fibrils	0.0071	1	LOXL2
Chemokine receptors bind chemokines	0.0074	2	XCL1, CXCL13
Assembly of collagen fibrils and other multimeric...	0.0089	2	MMP13, LOXL2
CTLA4 inhibitory signaling	0.0095	2	CD80, CTLA4
Collagen degradation	0.010	3	MMP19, MMP12, MMP13