

Table SV. Summary of upstream regulator analysis performed on differentially expressed genes compared distinct keloid regions from cultured fibroblasts

Upstream regulator	Fibroblast, leading edge	Upstream regulator	Fibroblast centre
TGFB1	5.7	TGFB1	6.0
let-7	-4.7	CSF2	5.0
CSF2	4.2	let-7	-4.7
MYC	4.1	MYC	4.6
LY294002	-4.1	LY294002	-4.6
Methylprednisolone	4.0	1-alpha, 25-dihydroxy vitami	-4.4
IGF1	3.9	CD24	4.4
Insulin	3.9	1,2-dithiol-3-thione	4.3
NFE2L2	3.8	NFE2L2	4.3
Tgf beta	3.8	methylprednisolone	4.1
CD24	3.7	RAC1	4.0
RBL2	-3.6	Insulin	3.9
SRF	3.6	HGF	3.9
1-alpha, 25-dihydroxy vitami	-3.6	Vegf	3.9
1,2-dithiol-3-thione	3.5	FOXM1	3.7

Summary of Z-scores for upstream regulators for keloid isolated fibroblasts leading edge and centre signatures as generated in Ingenuity Pathway Analysis.