

Table SI. Wound healing-related gene expression profile of human dermal fibroblasts.

A, Gal-1 vs. Control				
Gene symbol	Description	log ₂ fold-change	P-value	FDR
IGF1	Insulin like growth factor 1	6.00	0.0001	0.011
F13A1	Coagulation factor XIII A chain	4.36	0.007	0.296
FGF10	Fibroblast growth factor 10	1.36	0.012	0.308
ACTC1	Actin α cardiac muscle 1	2.16	0.015	0.308
ANGPT1	Angiopoietin 1	1.62	0.023	0.362
B, Gal-3 vs. Control				
Gene symbol	Description	log ₂ fold-change	P-value	FDR
IGF1	Insulin-like growth factor 1	6.28	0.0001	0.009
MMP9	Matrix metalloproteinase 9	2.50	0.003	0.106
FGF10	Fibroblast growth factor 10	1.79	0.004	0.106
ANGPT1	Angiopoietin 1	2.10	0.008	0.148
CDH1	Cadherin 1	2.92	0.011	0.148
F13A1	Coagulation factor XIII A chain	3.94	0.011	0.148
ACTC1	Actin α cardiac muscle 1	2.10	0.017	0.194
F3	Coagulation factor III, tissue factor	1.31	0.025	0.247
IL6	Interleukin 6	1.14	0.049	0.293
C, TGF- β 1 vs. Control				
Symbol	Description	log ₂ fold-change	P-value	FDR
IGF1	Insulin like growth factor 1	7.28	0.00005	0.004
F13A1	Coagulation factor XIII A chain	7.81	0.0006	0.02
CTGF	Connective tissue growth factor	4.62	0.0007	0.02
ANGPT1	Angiopoietin 1	3.39	0.001	0.022
ACTC1	Actin α cardiac muscle 1	3.69	0.002	0.027
COL5A1	Collagen type V α 1 chain	2.37	0.002	0.027
PTGS2	Prostaglandin-endoperoxide synthase 2	-3.58	0.003	0.027
WNT5A	Wnt family member 5A	2.46	0.003	0.027
FGF7	Fibroblast growth factor 7	-1.81	0.004	0.027
ACTA2	Actin α 2, smooth muscle	2.89	0.004	0.027
FGF10	Fibroblast growth factor 10	1.82	0.004	0.027
COL1A1	Collagen type I α 1 chain	2.00	0.004	0.029
ITGA1	Integrin subunit α 1	1.24	0.005	0.032
WISP1	WNT1-inducible-signaling pathway protein 1	2.64	0.006	0.033
VEGFA	Vascular endothelial growth factor A	1.66	0.007	0.036
PDGFA	Platelet derived growth factor subunit A	1.32	0.007	0.036
SERPINE1	Serpin family E member 1	2.72	0.008	0.036
CTSK	Cathepsin K	-2.24	0.012	0.049
MMP7	Matrix metalloproteinase 7	-2.11	0.012	0.049
PLAU	Plasminogen activator, urokinase	-1.10	0.012	0.049
FGF2	Fibroblast growth factor 2	1.16	0.015	0.058
MMP1	Matrix metalloproteinase 1	-2.54	0.018	0.067
MMP9	Matrix metalloproteinase 9	1.54	0.023	0.079
COL4A1	Collagen type IV α 1 chain	2.74	0.024	0.079
COL1A2	Collagen type I α 2 chain	1.15	0.025	0.081
CXCL2	C-X-C motif chemokine ligand 2	-1.66	0.033	0.1
COL5A2	Collagen type V α 2 chain	1.17	0.035	0.103
TGFBR3	Transforming growth factor β receptor 3	-1.96	0.04	0.112
ITGB3	Integrin subunit β 3	1.17	0.044	0.121
IL1B	Interleukin 1 β	-1.35	0.046	0.121

Human dermal fibroblasts were exposed to TGF- β 1 (positive control), Gal-1 or Gal-3 for 48 h compared with untreated control (extent of up/downregulation of transcription of genes is given as positive or negative log₂ fold change). Any change >2 log₂ fold-change with $P < 0.05$ (limma moderated t-test) was considered as statistically significant. Gal, galectin; FDR, false discovery rate.