

SUPPLEMENTARY TABLES

Table S-1. Summary of mouse numbers used in each experimental group. Histology at early time points (3 days) was performed only to confirm absence or presence of inflammatory cell infiltration at later time points. For ease of visualization, outcomes performed in the “7-14 days” range are reported together. Macroscopic joint surface photography, histology, and qPCR of individual tissues was performed at 1 week for injured mice, macroscopic joint surface photography for sham was performed at 2 weeks, and qPCR of all whole joints was performed at 12 days. All Taqman single gene qPCR (†) was performed in technical triplicates for each RNA extract.

Experimental Outcome	Genotype	Treatment(s)	Naïve	3 days	7-14 days	28 days
Macroscopic Joint Surface Photography	WT	Naïve	4	–	–	–
		Sham	–	–	2	2
		Injured	–	–	3	3
	Has1KO	Naïve or Injured	4	–	2	3
Histology	WT	Naïve	3	–	–	–
		Sham	–	–	3	3
		Injured	–	2	4	4
	Has1KO	Naïve or Injured	3	1	2	2
Taqman [†] and gene array qPCR (whole joints)	WT	Naïve	3	–	–	–
		Sham	–	–	3	3
		Injured	–	3	4	4
	Has1KO	Naïve or Injured	3	3	4	4
Taqman [†] qPCR (individual tissues)	WT	Naïve	12	–	–	–
		Sham	–	–	–	–
		Injured	0	–	12	12
	Has1KO	Naïve or Injured	12	–	12	12
	WT		22	5	31	31
	Has1KO	Subtotals	22	4	20	21
TOTAL			156 mice			

Table S-2. Inventoried murine Taqman® probes were used for qPCR of cDNA preparations derived from whole joint and pooled individual tissue RNA extracts.

Gene	Abbreviation	Inventory Number
Aggrecan	<i>Acan</i>	Mm00545794_m1
Collagen, type 1, alpha 1	<i>Col1a1</i>	Mm00801666_g1
Collagen, type 2, alpha 1	<i>Col2a1</i>	Mm01309565_m1
Collagen, type 3, alpha 1	<i>Col3a1</i>	Mm00802331_m1
Glyceraldehyde-3-phosphate dehydrogenase *	<i>Gapdh</i>	Mm99999915_g1
Hyaluronan synthase 1	<i>Has1</i>	Mm00468496_m1
Hyaluronan synthase 2	<i>Has2</i>	Mm00515089_m1
Hyaluronan synthase 3	<i>Has3</i>	Mm00515092_m1
Inter-alpha trypsin inhibitor, heavy chain 1	<i>Itih1</i>	Mm00434529_m1
Inter-alpha trypsin inhibitor, heavy chain 2	<i>Itih2</i>	Mm00434529_m1
Tumor necrosis factor, alpha-induced protein 6	<i>Tnfaip6</i>	Mm00493736_m1
Versican V1 isoform (formerly V0)	<i>Vcan V1</i>	AI7ZZKW
Versican V2 isoform (formerly V1)	<i>Vcan V2</i>	Mm00490173_m1

* Housekeeping gene

Table S-3. Effect of cartilage injury on mRNA abundance relative to *Gapdh* of ECM and HA network genes in isolated tissue pools from Has1^{-/-} mice.

	<i>Acan</i>	<i>Vcan</i> V1	<i>Vcan</i> V2	<i>Col1a1</i>	<i>Col2a1</i>	<i>Col3a1</i>	<i>Has2</i>	<i>Tnfaip6</i>	<i>Itih2</i>
Naive									
Cartilage/ SC Bone	10.47	15.00	ND	3317	0.85	0.95	ND	0.40	ND
Meniscus/ Synovium	0.14	19.21	ND	611.1	ND	24.62	0.35	0.60	0.90
Patellar Tendon	0.06	6.28	0.14	2935	ND	2.35	0.31	3.95	0.76
1 week									
Cartilage/ SC Bone	5.25 (0.5) [†]	18.12 (1.21)	0.11 (8.56)	3301 (1.00)	2.10 (2.48)	29.38 (31.0)	0.05 (-)	1.13 (2.85)	0.16 (-)
Meniscus/ Synovium	22.35 (162)	9.57 (0.50)	4.45 (55.1)	9042 (14.8)	0.67 (-)	4014 (9790)	1.52 (4.41)	28.59 (47.5)	2.87 (3.18)
Patellar Tendon	14.05 (222)	9.49 (1.51)	9.73 (70.7)	12770 (4.35)	0.23 (-)	1455 (620)	2.92 (9.36)	39.83 (10.1)	1.10 (1.44)
4 weeks									
Cartilage/ SC Bone	7.28 (0.69)	10.15 (0.68)	0.19 (14.6)	5272 (1.59)	2.61 (3.08)	42.48 (44.9)	0.07 (-)	2.05 (5.16)	0.18 (-)
Meniscus/ Synovium	1.48 (10.7)	2.11 (0.11)	0.76 (9.4)	2287 (3.74)	0.21 (-)	1084 (1210)	0.39 (1.12)	32.78 (54.5)	2.17 (2.41)
Patellar Tendon	7.77 (123)	9.08 (1.45)	3.41 (24.8)	8021 (2.73)	2.31 (-)	1283 (547)	1.33 (4.27)	78.12 (19.8)	5.95 (7.80)

[†] Numbers in parentheses are the fold change relative to Naïve. ND = not detected (Ct > 35).

Table S-4. Transcript abundance relative to *Gapdh* of NF- κ B signaling target genes in naïve WT and Has1^{-/-} joints. Increases/decreases by <2(+ / ↓), 2-4(++ / ↓ ↓), 4-8(+++ / ↓ ↓ ↓), 8-16(++++ / ↓ ↓ ↓ ↓), or 16+(+++++ / ↓ ↓ ↓ ↓ ↓) fold, or no change (↔), indicated. Statistical significance between genotypes indicated for p < 0.05 (*).

Gene	WT	Has1 ^{-/-}	Fold-Change	Gene	WT	Has1 ^{-/-}	Fold-Change
<i>Adm</i>	1.27	2.17	+	<i>Il1b</i>	301.52	396.51	+
<i>Agt</i>	32.22	32.55	↔	<i>Il1r2</i>	189.56	304.87	+
<i>Akt1</i>	235.66	270.37	+	<i>Il1rn</i>	28.90	80.62	++
<i>Aldh3a2</i>	120.51	118.33	↔	<i>Il2</i>	0.70	4.08	+++
<i>Bcl2a1a</i>	17.72	35.41	++	<i>Il2ra</i>	5.80	23.19	+++
<i>Bcl2l1</i>	314.41	449.90	+	<i>Il4</i>	1.40	13.51	++++
<i>Birc2</i>	109.78	111.13	↔	<i>Il6</i>	0.93	8.76	++++ *
<i>Birc3</i>	183.43	226.19	+	<i>Ins2</i>	0.51	8.99	+++++
<i>C3</i>	764.61	805.84	+	<i>Irf1</i>	174.48	243.00	+
<i>C4a</i>	0.84	2.51	++	<i>Lta</i>	1.04	3.13	++
<i>Ccl12</i>	5.99	10.32	+	<i>Ltb</i>	82.05	95.95	+
<i>Ccl22</i>	1.48	5.49	++	<i>Map2k6</i>	25.88	53.50	++
<i>Ccl5</i>	86.00	120.54	+	<i>Mitf</i>	35.01	46.57	+
<i>Ccnd1</i>	84.06	138.27	+	<i>Mmp9</i>	3189.06	6580.82	++
<i>Ccr5</i>	26.15	29.93	+	<i>Myc</i>	146.84	444.10	++
<i>Cd40</i>	22.78	41.47	+	<i>Myd88</i>	19.78	28.89	+
<i>Cd74</i>	2833.46	2773.61	↔	<i>Ncoa3</i>	91.62	105.98	+
<i>Cd80</i>	15.53	22.51	+	<i>Nfkb1</i>	230.85	527.52	++
<i>Cd83</i>	100.79	108.95	+	<i>Nfkb2</i>	14.39	27.08	+
<i>Cdkn1a</i>	117.97	161.72	+	<i>Nfkbia</i>	474.46	1036.87	++
<i>Cfb</i>	102.95	171.40	+	<i>Nqo1</i>	65.28	127.51	+
<i>Csf1</i>	86.34	118.65	+	<i>Nr4a2</i>	12.44	27.36	++
<i>Csf2</i>	0.83	1.44	+	<i>Pdgfb</i>	63.07	78.17	+
<i>Csf2rb</i>	39.17	158.88	+++	<i>Plau</i>	33.01	49.26	+
<i>Csf3</i>	0.42	1.81	+++	<i>Ptgs2</i>	6.95	13.72	+
<i>Cxcl1</i>	1.06	4.87	+++	<i>Rel</i>	109.36	193.48	+
<i>Cxcl10</i>	21.07	33.87	+	<i>Rela</i>	148.20	176.39	+
<i>Cxcl3</i>	1.13	2.38	++	<i>Relb</i>	16.45	18.39	+
<i>Cxcl9</i>	26.84	18.43	↓	<i>Sele</i>	30.43	51.44	+
<i>Egfr</i>	48.39	54.67	+	<i>Selp</i>	13.09	214.54	+++++
<i>Egr2</i>	17.21	41.80	++	<i>Snap25</i>	0.30	3.23	++++
<i>F3</i>	20.58	33.86	+	<i>Sod2</i>	105.21	234.89	++
<i>F8</i>	22.04	40.18	+	<i>Stat1</i>	219.89	450.25	++
<i>Fas</i>	36.72	75.70	++	<i>Stat3</i>	87.32	232.47	++
<i>Fasl</i>	5.19	10.83	++	<i>Stat5b</i>	139.59	180.14	+
<i>Gadd45b</i>	38.48	62.68	+	<i>Tnf</i>	20.09	41.83	++
<i>Icam1</i>	49.74	58.45	+	<i>Tnfrsf1b</i>	86.45	139.34	+
<i>Ifnb1</i>	0.84	2.75	++	<i>Tnfsf10</i>	12.91	40.82	++
<i>Ifng</i>	1.83	6.13	++	<i>Traf2</i>	20.19	79.09	++
<i>Il12b</i>	1.03	1.91	+	<i>Trp53</i>	180.30	327.07	+
<i>Il15</i>	85.41	86.20	↔	<i>Vcam1</i>	624.77	1332.34	++
<i>Il1a</i>	25.36	68.02	++	<i>Xiap</i>	149.87	225.44	+

Table S-5. Transcript abundance relative to *Gapdh* of fibrosis associated genes in naïve WT and Has1^{-/-} joints. Increases/decreases by <2(+ / ↓), 2-4(++ / ↓ ↓), 4-8(+++ / ↓ ↓ ↓), 8-16(++++ / ↓ ↓ ↓ ↓), or 16+(+++++ / ↓ ↓ ↓ ↓ ↓) fold, or no change (↔), indicated.

Gene	WT	Has1 ^{-/-}	Fold-Change	Gene	WT	Has1 ^{-/-}	Fold-Change
<i>Acta2</i>	116.83	250.47	++	<i>Ltbp1</i>	260.88	314.38	+
<i>Bcl2</i>	38.67	41.69	+	<i>Mmp13</i>	2682.85	2797.68	↔
<i>Bmp7</i>	11.52	9.93	↓	<i>Mmp14</i>	156.33	281.85	+
<i>Cav1</i>	236.38	252.78	+	<i>Mmp1a</i>	24.89	40.96	+
<i>Ccl11</i>	2.99	10.38	++	<i>Mmp2</i>	515.39	467.08	↓
<i>Ccl3</i>	10.74	15.09	+	<i>Mmp3</i>	2.39	19.49	++++
<i>Ccr2</i>	368.41	277.06	↓	<i>Mmp8</i>	2006.94	2340.96	+
<i>Cebpb</i>	794.67	236.62	↓↓	<i>Myc</i>	174.55	442.91	++
<i>Col1a2</i>	29633.70	22290.13	↓	<i>Pdgfa</i>	30.81	60.28	+
<i>Col3a1</i>	3473.36	4072.74	+	<i>Plat</i>	13.48	32.37	++
<i>Ctgf</i>	2506.08	2645.12	+	<i>Plg</i>	0.37	3.04	++++
<i>Cxcr4</i>	1627.25	1381.88	↓	<i>Serpina1a</i>	46.07	48.59	+
<i>Dcn</i>	8663.40	7957.97	↓	<i>Serpine1</i>	11.99	33.81	++
<i>Edn1</i>	4.87	6.49	+	<i>Serpinh1</i>	529.54	811.48	+
<i>Egf</i>	2.90	6.84	++	<i>Smad2</i>	104.98	193.83	+
<i>Eng</i>	115.12	162.05	+	<i>Smad3</i>	49.65	113.82	++
<i>Grem1</i>	32.08	22.44	↓	<i>Smad4</i>	184.08	374.98	++
<i>Hgf</i>	44.84	33.49	↓	<i>Smad6</i>	14.98	27.39	+
<i>Il10</i>	0.86	3.24	++	<i>Smad7</i>	36.53	59.39	+
<i>Il13</i>	0.49	1.44	++	<i>Snai1</i>	6.67	8.70	+
<i>Il13ra2</i>	8.77	11.17	+	<i>Sp1</i>	289.15	445.92	+
<i>Il5</i>	0.72	2.86	++	<i>Stat6</i>	65.75	58.11	↓
<i>Ilk</i>	568.15	1059.02	+	<i>Tgfb1</i>	443.24	1009.28	++
<i>Inhbe</i>	0.25	1.02	+++	<i>Tgfb2</i>	32.40	63.70	+
<i>Itga1</i>	75.42	81.47	+	<i>Tgfb3</i>	13.58	68.68	+++
<i>Itga2</i>	45.58	79.45	+	<i>Tgfbr1</i>	113.64	188.47	+
<i>Itga3</i>	4.33	7.26	+	<i>Tgfbr2</i>	207.87	457.03	++
<i>Itgav</i>	314.73	356.95	+	<i>Tgif1</i>	14.57	36.93	++
<i>Itgb1</i>	791.67	1108.95	+	<i>Thbs1</i>	1180.99	1945.09	+
<i>Itgb3</i>	377.41	703.07	+	<i>Thbs2</i>	172.87	347.49	++
<i>Itgb5</i>	143.77	227.04	+	<i>Timp1</i>	2.24	21.31	++++
<i>Itgb6</i>	8.88	9.53	+	<i>Timp2</i>	558.94	1291.67	++
<i>Itgb8</i>	4.00	12.50	++	<i>Timp3</i>	225.90	545.54	++
<i>Jun</i>	76.34	89.11	+	<i>Timp4</i>	34.12	88.27	++
<i>Lox</i>	325.68	393.80	+	<i>Vegfa</i>	62.32	162.22	++

Table S-6. Fold-change in expression of NF- κ B signaling target genes in WT and Has1^{-/-} joints at 12 and 28 d post injury. Values shown are relative to naïve levels for the respective genotype. Significance between genotypes at each post-injury time point (*) are indicated for p< 0.05.

Gene	WT 12d	WT 28d	Has1 ^{-/-} 12d	Has1 ^{-/-} 28d	Gene	WT 12d	WT 28d	Has1 ^{-/-} 12d	Has1 ^{-/-} 28d
<i>Adm</i>	1.61	-1.79	3.78	1.04	<i>Il1b</i>	-1.82	-1.31	1.01	-1.23
<i>Agt</i>	-2.08	-1.91	-1.25	-1.85	<i>Il1r2</i>	-2.95	1.03	1.54	-1.14
<i>Akt1</i>	-1.10	-1.41	2.00	-1.99	<i>Il1rn</i>	-1.91	-1.02	-1.77	1.05
<i>Aldh3a2</i>	-1.32	-1.51	1.30	-1.66	<i>Il2</i>	-6.42	-3.31	-5.20 *	-6.62
<i>Bcl2a1a</i>	-1.68	-1.23	-1.14	-2.19	<i>Il2ra</i>	-1.53	1.06	-2.10	-3.24
<i>Bcl2l1</i>	-2.12	-1.21	1.49	-2.34	<i>Il4</i>	-2.54	-1.86	-6.32	-1.40
<i>Birc2</i>	-1.43	-1.61	1.95	-1.66	<i>Il6</i>	4.73	1.77	1.40	1.13
<i>Birc3</i>	-1.57	-1.26	2.18	-1.61	<i>Ins2</i>	-7.21	-3.26	-20.69 *	-10.94
<i>C3</i>	-1.23	-1.61	1.47	-1.95	<i>Irf1</i>	-1.49	-1.14	1.09	-1.57
<i>C4a</i>	-4.24	-1.98	1.82	-3.19	<i>Lta</i>	-2.80	-1.67	-1.17	-3.04
<i>Ccl12</i>	2.15	2.07	4.43	1.41	<i>Ltb</i>	-1.86	-1.48	-1.77	-1.64
<i>Ccl22</i>	1.19	-2.96	-1.66	-2.10	<i>Map2k6</i>	-1.05	-1.43	1.02	-1.36
<i>Ccl5</i>	-1.62	-1.06	1.04	-1.42	<i>Mif</i>	1.01	-1.33	1.65	1.12
<i>Ccnd1</i>	-1.06	-1.53	1.64	-1.43	<i>Mmp9</i>	-1.61	1.06	-1.02	-1.53
<i>Ccr5</i>	1.69	-1.33	1.66	1.07	<i>Myc</i>	-1.54	1.29	-1.20	-1.73
<i>Cd40</i>	-1.58	-1.16	1.42	-2.25	<i>Myd88</i>	-1.12	-2.19	1.04	-1.07
<i>Cd74</i>	-1.38	-1.23	1.07	-1.99	<i>Ncoa3</i>	1.04	-1.55	1.69	-2.18
<i>Cd80</i>	-1.05	-1.40	2.22	-1.34	<i>Nfkb1</i>	-1.01	-1.30	-1.21	-1.30
<i>Cd83</i>	-1.95	-1.23	1.95	-1.92	<i>Nfkb2</i>	1.10	-1.10	2.00	-1.12
<i>Cdkn1a</i>	1.35	-1.27	3.44	-1.35	<i>Nfkbia</i>	-1.37	1.06	-1.26	1.04
<i>Cfb</i>	1.72	-1.43	2.59	-1.83	<i>Nqo1</i>	-1.57	-1.01	-1.52	-1.58
<i>Csf1</i>	-1.16	-1.20	1.60	-1.81	<i>Nr4a2</i>	5.08	1.23	5.59	2.32
<i>Csf2</i>	-7.29	-2.44	1.36 *	-1.82	<i>Pdgfb</i>	1.02	-1.47	1.33	-1.39
<i>Csf2rb</i>	2.31	2.16	1.20	-1.47	<i>Plau</i>	1.54	-1.09	1.24	-1.17
<i>Csf3</i>	-2.16	-1.16	1.53	-4.85	<i>Ptgs2</i>	4.35	-1.20	3.09	2.33
<i>Cxcl1</i>	3.37	-1.01	2.60	1.89	<i>Rel</i>	-1.62	-1.29	-2.14	-1.43
<i>Cxcl10</i>	1.19	-1.23	1.33	-2.16	<i>Rela</i>	-1.08	-1.05	1.82	-1.49
<i>Cxcl3</i>	1.19	-2.28	2.42	1.19	<i>Relb</i>	1.11	-1.12	2.47	-1.13
<i>Cxcl9</i>	-1.20	-1.21	1.55	-2.46	<i>Sele</i>	-1.26	-1.06	-1.14	-1.39
<i>Egfr</i>	2.24	-1.27	4.04	-1.14	<i>Selp</i>	5.67	6.72	-2.28	-1.03
<i>Egr2</i>	1.36	1.17	1.69	-1.61	<i>Snap25</i>	-1.98	-1.82	-3.78	-6.28
<i>F3</i>	1.08	-1.28	2.37	-1.50	<i>Sod2</i>	1.02	-1.03	-1.23	1.52
<i>F8</i>	-2.33	-1.40	-1.29	-1.90	<i>Stat1</i>	-1.21	-1.01	-1.84	-1.53
<i>Fas</i>	-1.32	-1.12	1.25	-1.50	<i>Stat3</i>	1.47	-1.47	-1.43	-1.11
<i>Fasl</i>	-2.53	-1.20	-1.20	-1.96	<i>Stat5b</i>	-1.39	1.09	1.98	1.34
<i>Gadd45b</i>	1.31	-1.61	1.89	-1.43	<i>Tnf</i>	-1.46	-1.31	-2.18	-1.68
<i>Icam1</i>	1.00	-1.56	1.91	1.05	<i>Tnfrsf1b</i>	-1.11	-1.30	-1.70	-1.40
<i>Ifnb1</i>	-9.15	-2.90	-1.59	-4.66	<i>Tnfrsf10</i>	1.16	-1.31	-1.97	-1.23
<i>Ifng</i>	-1.59	-2.63	-1.97	-3.74	<i>Traf2</i>	-1.12	-1.18	-2.09	-1.61
<i>Il12b</i>	1.02	-1.96	1.33	-3.09	<i>Trp53</i>	-1.23	-1.05	-1.61	-1.58
<i>Il15</i>	-2.03	-1.51	1.17	-1.33	<i>Vcam1</i>	-2.12	1.42	-2.21	-1.57
<i>Il1a</i>	-2.24	-1.04	-1.81	-2.01	<i>Xiap</i>	-1.22	-1.05	-1.29	-1.15

Table S-7. Fold-change in expression of fibrosis genes in injured WT and Has1^{-/-} joints at 12 and 28 d post injury. Values shown are relative to naïve levels for the respective genotype. Significance between injured and naïve within the genotype (#) and between genotypes at each post-injury time point (*) and are indicated for p< 0.05.

Gene	WT 12d	WT 28d	Has1 ^{-/-} 12d	Has1 ^{-/-} 28d	Gene	WT 12d	WT 28d	Has1 ^{-/-} 12d	Has1 ^{-/-} 28d
<i>Acta2</i>	1.67	1.25	1.55	-1.12	<i>Ltbp1</i>	1.08	-1.52	1.23	1.02
<i>Bcl2</i>	-2.80	-2.43	-1.45	-1.85	<i>Mmp13</i>	-2.63	-1.57	-1.43	-1.34
<i>Bmp7</i>	-4.16	-2.28	-1.33	-1.36	<i>Mmp14</i>	1.68	-1.19	1.19	-1.23
<i>Cav1</i>	-1.57	-2.71	1.84	-1.07	<i>Mmp1a</i>	-9.71	-16.73	-8.49	1.18
<i>Ccl11</i>	1.35	1.75	-3.56	-1.36	<i>Mmp2</i>	2.58	1.13	5.95 #	2.21
<i>Ccl3</i>	-4.16	-1.48	-2.34 *	-1.70	<i>Mmp3</i>	43.24	18.79	11.8 #	11.6 #
<i>Ccr2</i>	-3.59	-1.60	-3.16	-1.21	<i>Mmp8</i>	-3.37	-1.48	-2.91	-1.33
<i>Cebpb</i>	-7.47	-1.33	2.61	1.17	<i>Myc</i>	-1.81	-1.23	-2.95	-2.36
<i>Col1a2</i>	-2.04	-1.16	2.40 *	1.36	<i>Pdgfa</i>	1.01	-1.28	-1.10	-1.22
<i>Col3a1</i>	4.49	2.24	12.3 #	4.76	<i>Plat</i>	2.76	-1.52	1.34	1.60
<i>Ctgf</i>	-2.43	-1.16	2.24 *	-1.06	<i>Plg</i>	-1.81	-1.26	-7.20	-5.15
<i>Cxcr4</i>	-3.94	-2.09	-3.22	-1.78	<i>Serpina1a</i>	-3.42	-2.67	-2.90	-2.66
<i>Dcn</i>	-1.45	-1.20	1.83	1.44	<i>Serpine1</i>	2.47	1.29	1.64	2.00
<i>Edn1</i>	-1.18	-1.62	1.77	1.19	<i>Serpinh1</i>	1.65	-1.12	2.03	1.09
<i>Egf</i>	-1.40	-1.82	-1.91	-3.49	<i>Smad2</i>	-1.87	-1.44	-1.58	-1.30
<i>Eng</i>	-1.80	-1.79	-1.58	-1.88	<i>Smad3</i>	1.22	-1.58	-1.37	-1.70
<i>Grem1</i>	-8.02	-2.56	-2.50 *	-1.95	<i>Smad4</i>	-1.05	-1.43	-1.77	-1.53
<i>Hgf</i>	-3.00	-1.32	-1.60	-1.52	<i>Smad6</i>	-1.16	-1.43	1.25	-1.57
<i>Il10</i>	-1.98	1.34	-1.46	-1.71	<i>Smad7</i>	-1.17	-1.45	-1.05	-2.30
<i>Il13</i>	-5.97	-1.58	-1.94	-2.15	<i>Snai1</i>	1.36	-1.26	2.36	-1.29
<i>Il13ra2</i>	-4.05	-1.52	-1.84	1.17	<i>Sp1</i>	-1.44	-1.49	-1.54	-1.68
<i>Il5</i>	-1.90	-1.74	-2.72	-2.18	<i>Stat6</i>	-1.04	-1.33	1.42	-2.35
<i>Ilk</i>	-2.49	-1.49	-2.99	-1.66	<i>Tgfb1</i>	-1.25	-1.40	-2.55	-1.76
<i>Inhbe</i>	-1.43	1.48	-1.27	-2.01	<i>Tgfb2</i>	2.09	-1.99	1.33	-1.18
<i>Itga1</i>	-2.86	-1.68	-1.99	-1.43	<i>Tgfb3</i>	7.41	1.92	2.27	1.20
<i>Itga2</i>	-2.75	-1.66	-3.43	-1.67	<i>Tgfb1</i>	-1.04	-1.31	-1.23	-1.32
<i>Itga3</i>	-2.06	-1.69	-2.34	-1.27	<i>Tgfb2</i>	1.65	-1.59	-1.07	-1.63
<i>Itgav</i>	-3.39	-1.39	-1.62	-1.46	<i>Tgif1</i>	1.40	-1.62	-1.92	-1.28
<i>Itgb1</i>	-1.20	-1.44	1.16	-1.08	<i>Thbs1</i>	1.28	-1.23	1.00	-1.30
<i>Itgb3</i>	-1.76	1.20	-1.88	-1.91	<i>Thbs2</i>	7.41	1.08	4.77	1.99
<i>Itgb5</i>	1.38	-1.39	1.07	-1.36	<i>Timp1</i>	1.53	1.19	-2.85	3.69
<i>Itgb6</i>	1.21	-2.75	1.26	-1.29	<i>Timp2</i>	3.05	-1.02	2.23	1.28
<i>Itgb8</i>	1.42	-1.47	-2.00	-1.49	<i>Timp3</i>	1.14	-1.30	-1.43	-1.26
<i>Jun</i>	1.13	-1.25	1.20	1.04	<i>Timp4</i>	-4.08	-2.67	-4.42	-2.77
<i>Lox</i>	1.24	-1.58	1.23	1.12	<i>Vegfa</i>	1.05	-2.04	-1.36	-1.48