**Supplementary Table 2:** Wound healing gene arrays.

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| --- | --- | --- |
| Mm.213025 | Acta2 | Actin, alpha 2, smooth muscle, aorta |
| Mm.686 | Actc1 | Actin, alpha, cardiac muscle 1 |
| Mm.309336 | Angpt1 | Angiopoietin 1 |
| Mm.867 | Ccl12 | Chemokine (C-C motif) ligand 12 |
| Mm.341574 | Ccl7 | Chemokine (C-C motif) ligand 7 |
| Mm.4861 | Cd40lg | CD40 ligand |
| Mm.35605 | Cdh1 | Cadherin 1 |
| Mm.297859 | Col14a1 | Collagen, type XIV, alpha 1 |
| Mm.277735 | Col1a1 | Collagen, type I, alpha 1 |
| Mm.277792 | Col1a2 | Collagen, type I, alpha 2 |
| Mm.249555 | Col3a1 | Collagen, type III, alpha 1 |
| Mm.738 | Col4a1 | Collagen, type IV, alpha 1 |
| Mm.389135 | Col4a3 | Collagen, type IV, alpha 3 |
| Mm.7281 | Col5a1 | Collagen, type V, alpha 1 |
| Mm.10299 | Col5a2 | Collagen, type V, alpha 2 |
| Mm.334994 | Col5a3 | Collagen, type V, alpha 3 |
| Mm.4922 | Csf2 | Colony stimulating factor 2 (granulocyte-macrophage) |
| Mm.1238 | Csf3 | Colony stimulating factor 3 (granulocyte) |
| Mm.390287 | Ctgf | Connective tissue growth factor |
| Mm.291928 | Ctnnb1 | Catenin (cadherin associated protein), beta 1 |
| Mm.4858 | Ctsg | Cathepsin G |
| Mm.272085 | Ctsk | Cathepsin K |
| Mm.9304 | Ctsl | Cathepsin L |
| Mm.21013 | Cxcl1 | Chemokine (C-X-C motif) ligand 1 |
| Mm.131723 | Cxcl11 | Chemokine (C-X-C motif) ligand 11 |
| Mm.244289 | Cxcl3 | Chemokine (C-X-C motif) ligand 3 |
| Mm.4660 | Cxcl5 | Chemokine (C-X-C motif) ligand 5 |
| Mm.252481 | Egf | Epidermal growth factor |
| Mm.8534 | Egfr | Epidermal growth factor receptor |
| Mm.235105 | F13a1 | Coagulation factor XIII, A1 subunit |
| Mm.273188 | F3 | Coagulation factor III |
| Mm.88793 | Fga | Fibrinogen alpha chain |
| Mm.317323 | Fgf10 | Fibroblast growth factor 10 |
| Mm.473689 | Fgf2 | Fibroblast growth factor 2 |
| Mm.330557 | Fgf7 | Fibroblast growth factor 7 |
| Mm.289681 | Hbegf | Heparin-binding EGF-like growth factor |
| Mm.267078 | Hgf | Hepatocyte growth factor |
| Mm.240327 | Ifng | Interferon gamma |
| Mm.268521 | Igf1 | Insulin-like growth factor 1 |
| Mm.874 | Il10 | Interleukin 10 |
| Mm.222830 | Il1b | Interleukin 1 beta |
| Mm.14190 | Il2 | Interleukin 2 |
| Mm.276360 | Il4 | Interleukin 4 |
| Mm.1019 | Il6 | Interleukin 6 |
| Mm.4364 | Il6st | Interleukin 6 signal transducer |
| Mm.482186 | Itga1 | Integrin alpha 1 |
| Mm.5007 | Itga2 | Integrin alpha 2 |
| Mm.57035 | Itga3 | Integrin alpha 3 |
| Mm.31903 | Itga4 | Integrin alpha 4 |
| Mm.16234 | Itga5 | Integrin alpha 5 (fibronectin receptor alpha) |
| Mm.225096 | Itga6 | Integrin alpha 6 |
| Mm.2272 | Itgav | Integrin alpha V |
| Mm.263396 | Itgb1 | Integrin beta 1 (fibronectin receptor beta) |
| Mm.87150 | Itgb3 | Integrin beta 3 |
| Mm.6424 | Itgb5 | Integrin beta 5 |
| Mm.98193 | Itgb6 | Integrin beta 6 |
| Mm.196581 | Mapk1 | Mitogen-activated protein kinase 1 |
| Mm.8385 | Mapk3 | Mitogen-activated protein kinase 3 |
| Mm.2326 | Mif | Macrophage migration inhibitory factor |
| Mm.156952 | Mmp1a | Matrix metallopeptidase 1a (interstitial collagenase) |
| Mm.29564 | Mmp2 | Matrix metallopeptidase 2 |
| Mm.4825 | Mmp7 | Matrix metallopeptidase 7 |
| Mm.4406 | Mmp9 | Matrix metallopeptidase 9 |
| Mm.2675 | Pdgfa | Platelet derived growth factor, alpha |
| Mm.154660 | Plat | Plasminogen activator, tissue |
| Mm.4183 | Plau | Plasminogen activator, urokinase |
| Mm.1359 | Plaur | Plasminogen activator, urokinase receptor |
| Mm.971 | Plg | Plasminogen |
| Mm.245395 | Pten | Phosphatase and tensin homolog |
| Mm.292547 | Ptgs2 | Prostaglandin-endoperoxide synthase 2 |
| Mm.292510 | Rac1 | RAS-related C3 botulinum substrate 1 |
| Mm.757 | Rhoa | Ras homolog gene family, member A |
| Mm.250422 | Serpine1  | Serine (or cysteine) peptidase inhibitor, clade E, member 1 |
| Mm.249934 | Stat3 | Signal transducer and activator of transcription 3 |
| Mm.283283 | Tagln | Transgelin |
| Mm.137222 | Tgfa | Transforming growth factor alpha |
| Mm.248380 | Tgfb1 | Transforming growth factor, beta 1 |
| Mm.200775 | Tgfbr3 | Transforming growth factor, beta receptor III |
| Mm.8245 | Timp1 | Tissue inhibitor of metalloproteinase 1 |
| Mm.1293 | Tnf | Tumor necrosis factor |
| Mm.282184 | Vegfa | Vascular endothelial growth factor A |
| Mm.3667 | Vtn | Vitronectin |
| Mm.10222 | Wisp1 | WNT1 inducible signaling pathway protein 1 |
| Mm.287544 | Wnt5a | Wingless-related MMTV integration site 5A |
| Mm.328431 | Actb | Actin, beta |
| Mm.163 | B2m | Beta-2 microglobulin |
| Mm.343110 | Gapdh | Glyceraldehyde-3-phosphate dehydrogenase |
| Mm.3317 | Gusb | Glucuronidase, beta |
| Mm.2180 | Hsp90ab1 | Heat shock protein 90 alpha (cytosolic), class B member 1 |