**Supplementary Table 1**: Genes examined on TaqMan Low-Density Array (TLDA) microfluidic cards

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| **Gene with accession no.** | **Comments** |
| Adamts1-Mm00477355\_m1 | a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 1 |
| Adamts4-Mm00556068\_m1 | a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 4 |
| Adamts5-Mm00478620\_m1 | a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 5 (aggrecanase-2) |
| Arg1-Mm00475988\_m1 | arginase, liver |
| Bdkrb1-Mm04207315\_s1 | bradykinin receptor, beta 1 |
| Bdkrb2-Mm00437788\_s1 | bradykinin receptor, beta 2 |
| Bmpr2-Mm00432134\_m1 | bone morphogenetic protein receptor, type II (serine/threonine kinase) |
| Ccl19-Mm00839967\_g1 | chemokine (C-C motif) ligand 19 |
| Ccl2-Mm00441242\_m1 | chemokine (C-C motif) ligand 2 |
| Ccr2-Mm01216173\_m1 | chemokine (C-C motif) receptor 2 |
| Ccr7-Mm01301785\_m1 | chemokine (C-C motif) receptor 7 |
| Cd14-Mm00438094\_g1 | CD14 antigen |
| Cd68-Mm03047343\_m1 | CD68 antigen |
| Cnr1-Mm00432621\_s1 | cannabinoid receptor 1 (brain) |
| Cnr2-Mm00438286\_m1 | cannabinoid receptor 2 (macrophage) |
| Ctgf-Mm01192932\_g1 | connective tissue growth factor |
| Fgf18-Mm00433286\_m1 | fibroblast growth factor 18 |
| Fgf2-Mm00433287\_m1 | fibroblast growth factor 2 |
| Fgfr1-Mm00438930\_m1 | fibroblast growth factor receptor 1 |
| Fgfr2-Mm00438941\_m1 | fibroblast growth factor receptor 2 |
| Fgfr3-Mm00433294\_m1 | fibroblast growth factor receptor 3 |
| Fgfr4-Mm01341852\_m1 | fibroblast growth factor receptor 4 |
| Gal-Mm00439056\_m1 | galanin |
| Gapdh-Mm99999915\_g1 | glyceraldehyde-3-phosphate dehydrogenase |
| Gdnf-Mm00599849\_m1 | glial cell line derived neurotrophic factor |
| Has1-Mm03048195\_m1 | hyaluronan synthase1 |
| Il10-Mm00439616\_m1 | interleukin 10 |
| Il15-Mm00434210\_m1 | interleukin 15 |
| Il1a-Mm00439620\_m1 | interleukin 1 alpha |
| Il1b-Mm00434228\_m1 | interleukin 1 beta |
| Il1r1-Mm00434237\_m1 | interleukin 1 receptor, type I |
| Il2-Mm00434256\_m1 | interleukin 2 |
| Il4-Mm00445260\_m1 | interleukin 4 |
| Il6-Mm00446190\_m1 | interleukin 6 |
| Il6ra-Mm00439653\_m1 | interleukin 6 receptor, alpha |
| Inhba-Mm00434339\_m1 | inhibin beta-A |
| Ltbp1-Mm00498234\_m1 | latent transforming growth factor beta binding protein 1 |
| Ltbp2-Mm01307379\_m1 | latent transforming growth factor beta binding protein 2 |
| Mmp13-Mm00439491\_m1 | matrix metallopeptidase 13 |
| Mmp19-Mm00491300\_m1 | matrix metallopeptidase 19 |
| Mmp3-Mm00440295\_m1 | matrix metallopeptidase 3 |
| Ngf-Mm00443039\_m1 | nerve growth factor |
| Nos2-Mm01309898\_m1 | nitric oxide synthase 2, inducible |
| Npy-Mm03048253\_m1 | neuropeptide Y |
| Nrtn-Mm00435387\_m1 | neurturin |
| Ntf3-Mm00435413\_s1 | neurotrophin 3 |
| Ntf5-Mm01701591\_m1 | neurotrophin 5 |
| Penk-Mm01212875\_m1 | preproenkephalin |
| Pmepa1-Mm00452229\_m1 | prostate transmembrane protein, androgen induced 1 |
| Pspn-Mm03024006\_m1 | persephin |
| Ptgs2-Mm00478374\_m1 | prostaglandin-endoperoxide synthase 2 |
| Tac1-Mm01166996\_m1 | tachykinin 1 |
| Tacr1-Mm00436892\_m1 | tachykinin receptor 1 |
| Tgfb1-Mm01178820\_m1 | transforming growth factor, beta 1 |
| Tgfb2-Mm00436955\_m1 | transforming growth factor, beta 2 |
| Tgfb3-Mm00436960\_m1 | transforming growth factor, beta 3 |
| Tgfbr2-Mm00436977\_m1 | transforming growth factor, beta receptor II |
| Tgfbr3-Mm00803538\_m1 | transforming growth factor, beta receptor III |
| Timp1-Mm00441818\_m1 | tissue inhibitor of metalloproteinase 1 |
| Tnf-Mm00443258\_m1 | tumor necrosis factor |
| Tnfaip6-Mm00493736\_m1 | tumor necrosis factor alpha induced protein 6 |