|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Gene** | **Accession** | **Position** | **Tm CP** | **Tm RP** | **Tot isoforms** | **Hit** |
| *Actb* | NM\_007393.3 | 1139-1238 | 86 | 86 | 1 | 1 |
| *Adgre1* | NM\_010130.1 | 996-1095 | 79 | 81 | 3 | 3 |
| *Aqp1* | NM\_007472.1 | 2256-2355 | 82 | 80 | 1 | 1 |
| *B2m* | NM\_009735.3 | 136-235 | 89 | 82 | 1 | 1 |
| *Bmp7* | NM\_007557.2 | 691-790 | 82 | 81 | 1 | 1 |
| *Bmpr1a* | NM\_009758.4 | 1791-1890 | 82 | 80 | 4 | 4 |
| *C5ar1* | NM\_007577.3 | 596-695 | 83 | 82 | 2 | 2 |
| *Ccl2* | NM\_011333.3 | 416-515 | 79 | 82 | 1 | 1 |
| *Ccl5* | NM\_013653.1 | 166-265 | 82 | 79 | 1 | 1 |
| *Cd3d* | NM\_013487.2 | 290-389 | 83 | 82 | 2 | 2 |
| *Col1a1* | NM\_007742.3 | 216-315 | 82 | 81 | 1 | 1 |
| *Col3a1* | NM\_009930.1 | 4371-4470 | 82 | 82 | 1 | 1 |
| *Col4a1* | NM\_009931.2 | 4117-4216 | 82 | 82 | 3 | 3 |
| *Col5a3* | NM\_016919.2 | 323-422 | 79 | 83 | 4 | 4 |
| *Elane* | NM\_015779.2 | 492-591 | 83 | 82 | 1 | 1 |
| *Fn1* | NM\_010233.1 | 2628-2727 | 81 | 83 | 13 | 13 |
| *Fth1* | NM\_010239.1 | 447-546 | 85 | 85 | 2 | 2 |
| *Gapdh* | NM\_008084.2 | 216-315 | 83 | 82 | 3 | 3 |
| *Grem1* | NM\_011824.4 | 1086-1185 | 83 | 80 | 2 | 2 |
| *Gusb* | NM\_010368.1 | 1736-1835 | 79 | 81 | 4 | 4 |
| *Hamp* | NM\_032541.1 | 203-302 | 83 | 82 | 1 | 1 |
| *Havcr1* | NM\_134248.2 | 116-215 | 81 | 79 | 7 | 7 |
| *Hprt* | NM\_013556.2 | 31-130 | 82 | 82 | 1 | 1 |
| *Il1b* | NM\_008361.3 | 1121-1220 | 82 | 80 | 2 | 2 |
| *Il6* | NM\_031168.1 | 41-140 | 82 | 82 | 2 | 2 |
| *Itgam* | NM\_001082960.1 | 3026-3125 | 80 | 82 | 2 | 2 |
| *Klf4* | NM\_010637.3 | 2398-2497 | 82 | 82 | 1 | 1 |
| *Lcn2* | NM\_008491.1 | 191-290 | 81 | 83 | 1 | 1 |
| *Mki67* | NM\_001081117.2 | 1982-2081 | 80 | 82 | 4 | 4 |
| *Mmp9* | NM\_013599.2 | 1571-1670 | 78 | 80 | 2 | 2 |
| *Mpo* | NM\_010824.2 | 1649-1748 | 81 | 81 | 1 | 1 |
| *Nphs1* | NM\_019459.2 | 382-481 | 85 | 85 | 2 | 2 |
| *Pdgfra* | NM\_001083316.1 | 2521-2620 | 82 | 79 | 5 | 5 |
| *Pecam1* | NM\_008816.2 | 1101-1200 | 82 | 80 | 9 | 9 |
| *Perp* | NM\_022032.4 | 537-636 | 79 | 78 | 1 | 1 |
| *Ppia* | NM\_008907.1 | 391-490 | 81 | 81 | 1 | 1 |
| *S100a4* | NM\_011311.2 | 358-457 | 85 | 83 | 3 | 3 |
| *S100a8* | NM\_013650.2 | 281-380 | 82 | 82 | 1 | 1 |
| *Scnn1a* | NM\_011324.2 | 3071-3170 | 83 | 79 | 2 | 2 |
| *Serpine1* | NM\_008871.2 | 1823-1922 | 84 | 79 | 1 | 1 |
| *Slc11a2* | NM\_008732.1 | 466-565 | 82 | 81 | 8 | 7 |
| *Slc40a1* | NM\_016917.2 | 1717-1816 | 79 | 79 | 3 | 3 |
| *Spp1* | NM\_009263.3 | 421-520 | 83 | 81 | 5 | 5 |
| *Tgfbr2* | NM\_009371.2 | 476-575 | 80 | 83 | 2 | 2 |
| *Thy1* | NM\_009382.3 | 426-525 | 81 | 83 | 1 | 1 |
| *Tnf* | NM\_013693.2 | 515-614 | 85 | 85 | 2 | 2 |
| *Trf* | NM\_133977.2 | 1941-2040 | 79 | 83 | 1 | 1 |
| *Vcam1* | NM\_011693.2 | 1441-1540 | 80 | 82 | 1 | 1 |
| *Vegfa* | NM\_001025250.3 | 3016-3115 | 82 | 80 | 10 | 10 |
| *Wt1* | NM\_144783.2 | 407-506 | 88 | 87 | 1 | 1 |

**Table S1: nCounter NanoString codeset design.** Gene name, corresponding GenBank accession numbers, Tm (melting temperature) for capture probe (CP) and reporter probe (RP), and total (tot) number of isoforms for the 50 genes included in the codeset are shown. Hit refers to the number of isoforms each probe pair targets.