| Assay # | Gene name | GeneBank Accession ID | NCBI protein ID | UniprotID |
|--------|-----------|-----------------------|----------------|----------|
| 1      | ACTB      | NM_001101.3           | NP_001092.1    | P60709   |
| 2      | GAPDH     | NM_001256799.2        | NP_001243728.1 | P04406   |
| 3      | HPRT1     | NM_000194.2           | NP_000185.1    | P00492   |
| 4      | TNF       | NM_000594.3           | NP_000585.2    | P01375   |
| 5      | IL-6      | NM_000600.4           | NP_000591.1    | P05231   |
| 6      | COL1A1    | NM_000088.3           | NP_000079.2    | P02452   |
| 7      | COL3A1    | NM_00090.3            | NP_00081.1     | P02461   |
| 8      | CTGF      | NM_001901.2           | NP_001892.1    | P29279   |
| 9      | MMP9      | NM_004994.2           | NP_004985.2    | P14780   |
| 10     | PDGFβ     | NM_002608.3           | NP_002599.1    | P01127   |
| 11     | PDGFRα    | NM_006206.4           | NP_006197.1    | P16234   |
| 12     | TGFB1     | NM_000660.5           | NP_000651.3    | P01137   |
| 13     | TIMP1     | NM_003254.2           | NP_003245.1    | P01033   |
| 14     | CCL2      | NM_002982.3           | NP_002973.1    | P13500   |
| 15     | CCL3      | NM_002983.2           | NP_002974.1    | P10147   |
| 16     | CCL5      | NM_002985.2           | NP_002976.2    | P13501   |
| 17     | CCL7      | NM_006273.3           | NP_006264.2    | P80098   |
| 18     | CX3CL1    | NM_002996.4           | NP_002987.1    | P78423   |
| 19     | CXCL10    | NM_001565.3           | NP_001556.2    | P02778   |
| 20     | IL-8      | NM_000584.3           | NP_000575.1    | P10145   |
| 21     | CASP1     | NM_001223.4           | NP_001214.1    | P29466   |
| 22     | IL-1B     | NM_000576.2           | NP_000567.1    | P01584   |
| 23     | IL-18     | NM_001243211.1        | NP_001230140.1 | Q14116  |
| 24     | NLRP3     | NM_001079821.2        | NP_001073289.1 | Q96P20  |
| 25     | IFNA1     | NM_024013.2           | NP_076918.1    | P01562   |
| 26     | IFNB1     | NM_002176.3           | NP_002167.1    | P01574   |
| 27     | IFNG      | NM_000619.2           | NP_000610.2    | P01579   |
| 28     | IL-28B    | NM_172139.2           | NP_742151.2    | Q81ZJ0   |
| 29     | IFIT1     | NM_001270927.1        | NP_001257856.1 | P09914  |
| 30     | IFIT2     | NM_001547.4           | NP_001538.4    | P09913   |
| 31     | IFIT3     | NM_001031683.3        | NP_001026853.1 | O14879  |
| 32     | IL-12B    | NM_002187.2           | NP_002178.2    | P29460   |
| 33     | ISG15     | NM_005101.3           | NP_005092.1    | P05161   |
| 34     | ALB       | NM_000477.5           | NP_000468.1    | P02768   |
| 35     | FBP1      | NM_000507.3           | NP_000498.2    | P09467   |

Table S2: list of all genes assayed by qRT-PCR
|   | Gene Symbol | NM_Identifier  | NP_Identifier  | Accession Code |
|---|-------------|----------------|----------------|----------------|
| 36 | PDGFRB      | NM_002609.3    | NP_002600.1    | P09619         |
| 37 | SLC27A2     | NM_001159629.1 | NP_001153101.1 | O14975         |
| 38 | ACTA2       | NM_001141945.2 | NP_001135417.1 | P62736         |
| 39 | CLEC4F      | NM_001258027.1 | NP_001244956.1 | Q8N1N0         |
| 40 | CXCL13      | NM_006419.2    | NP_006410.1    | O43927         |
| 41 | EMR1        | NM_001256252.1 | NP_001243181.1 | Q14246         |
| 42 | LYVE1       | NM_006691.3    | NP_006682.2    | Q9Y5Y7         |
| 43 | NRP2        | NM_003872.2    | NP_003863.2    | O60462         |
| 44 | PTGS2       | NM_000963.3    | NP_000954.1    | P35354         |
| 45 | TIE1        | NM_001253357.1 | NP_001240286.1 | P35590         |
| 46 | CXCL1       | NM_001511.3    | NP_001502.1    | P09341         |
| 47 | CXCL2       | NM_002089.3    | NP_002080.1    | P19875         |
| 48 | CXCL9       | NM_002416.2    | NP_002407.1    | Q07325         |
| 49 | IL-1A       | NM_000575.4    | NP_000566.3    | P01583         |
| 50 | RSAD2       | NM_080657.4    | NP_542388.2    | Q8WXG1         |
| 51 | MX1         | NM_001144925.2 | NP_001138397.1 | P20591         |
| 52 | IL-12A      | NM_000882.3    | NP_000873.2    | P29459         |
| 53 | IL-10       | NM_000572.2    | NP_000563.1    | P22301         |
| 54 | SLC10A1     | NM_003049.3    | NP_003040.1    | Q14973         |
| 55 | CX3CR1      | NM_001171711.1 | NP_001164642.1 | P49238         |
| 56 | CD81        | NM_001297649.1 | NP_001284578.1 | P60033         |
| 57 | HLA-A       | NM_001242758.1 | NP_001229687.1 | P30443         |
| 58 | HLA-DRA     | NM_019111.4    | NP_061984.2    | P01903         |
| 59 | PD-L1       | NM_001267706.1 | NP_001254635.1 | Q9NZQ7         |
| 60 | OX40        | NM_003327.3    | NP_003318.1    | P47741         |
| 61 | IDO1        | NM_002164.5    | NP_002155.1    | P14902         |
| 62 | CTLA4       | NM_001037631.2 | NP_001032720.1 | P16410         |
| 63 | CD47        | NM_001777.3    | NP_001768.1    | Q08722         |
| 64 | TIGIT       | NM_173799.3    | NP_776160.2    | Q495A1         |
| 65 | VISTA       | NM_022153.1    | NP_071436.1    | Q9H7M9         |
| 66 | CD40        | NM_001250.5    | NP_001241.1    | P25942         |
| 67 | CD80        | NM_005191.3    | NP_005182.1    | P33681         |
| 68 | CD86        | NM_001206924.1 | NP_001193853.1 | P42081         |
| 69 | CIITA       | NM_000246.3    | NP_000237.2    | P33076         |
| 70 | TNFSF9      | NM_003811.3    | NP_003802.1    | P41273         |
| 71 | TNFSF10     | NM_001190942.1 | NP_001177871.1 | P50591         |
| 72 | TIM3        | NM_032782.4    | NP_116171.3    | Q8TDQ0         |
| 73 | LAG3        | NM_002286.5    | NP_002277.4    | P18627         |
| 74 | ARG1        | NM_000045.3    | NP_000036.2    | P05089         |
| 75 | ICAM1       | NM_000201.2    | NP_000192.2    | P05362         |
| 76 | MARCO       | NM_006770.3    | NP_006761.1    | Q9UEW3         |
| 77 | PD-L2       | NM_025239.3    | NP_079515.2    | Q9BQ51         |
|    | Genotype   | Name         | NM  | NP    | Accession |
|----|------------|--------------|-----|-------|-----------|
| 79 | TNFRSF18   | TNFRSF18     | NM  | NP    | Q9Y5U5    |
| 80 | VCAM1      | VCAM1        | NM  | NP    | P19320    |
| 81 | PDCD1      | PDCD1        | NM  | NP    | Q15116    |
| 82 | FOXP3      | FOXP3        | NM  | NP    | Q9BZS1    |
| 83 | FASLG      | FASLG        | NM  | NP    | P48023    |
| 84 | B7-H3      | B7-H3        | NM  | NP    | Q5ZPR3    |
| 85 | B7-H4      | B7-H4        | NM  | NP    | Q7Z7D3    |
| 86 | CCR2       | CCR2         | NM  | NP    | P41597    |
| 87 | TLR3       | TLR3         | NM  | NP    | O15455    |
| 88 | TLR4       | TLR4         | NM  | NP    | O00206    |
| 89 | TLR7       | TLR7         | NM  | NP    | Q9NYK1    |
| 90 | TLR8       | TLR8         | NM  | NP    | Q9NR97    |
| 91 | FCN1       | FCN1         | NM  | NP    | O00602    |
| 92 | S100A12    | S100A12      | NM  | NP    | P80511    |
| 93 | MND1       | MND1         | NM  | NP    | P41218    |
| 94 | ITGA4      | ITGA4        | NM  | NP    | P13612    |
| 95 | EMCN       | EMCN         | NM  | NP    | Q9ULC0    |
| 96 | VWF        | VWF          | NM  | NP    | P04275    |
| 97 | ADGRL4     | ADGRL4       | NM  | NP    | Q9HBW9    |
| 98 | TEK        | TEK          | NM  | NP    | Q02763    |
| 99 | CALCRL     | CALCRL       | NM  | NP    | Q16602    |
|100 | CD34       | CD34         | NM  | NP    | P28906    |
|101 | APOB       | APOB         | NM  | NP    | P04114    |
|102 | UGT2B7     | UGT2B7       | NM  | NP    | P16662    |
|103 | PAH        | PAH          | NM  | NP    | P00439    |
|104 | CYP3A5     | CYP3A5       | NM  | NP    | P20815    |
|105 | IGFBP1     | IGFBP1       | NM  | NP    | P0833     |
|106 | FGFR2      | FGFR2        | NM  | NP    | P21802    |
|107 | AFM        | AFM          | NM  | NP    | P43652    |
|108 | MRC1       | MRC1         | NM  | NP    | P22897    |
|109 | VCAN       | VCAN         | NM  | NP    | P13611    |
|110 | CD163      | CD163        | NM  | NP    | Q86VB7    |
|111 | CD68       | CD68         | NM  | NP    | P34810    |
|112 | CD5L       | CD5L         | NM  | NP    | Q43866    |
|113 | FCGR2B     | FCGR2B       | NM  | NP    | P31994    |
|114 | FCGR2A     | FCGR2A       | NM  | NP    | P12318    |
|115 | VSIG4      | VSIG4        | NM  | NP    | Q9Y279    |
|116 | LYZ        | LYZ          | NM  | NP    | P61626    |
|117 | S100A8     | S100A8       | NM  | NP    | P05109    |
|118 | S100A9     | S100A9       | NM  | NP    | P06702    |
|119 | HMOX1      | HMOX1        | NM  | NP    | P09601    |
|120 | MERTK      | MERTK        | NM  | NP    | Q12866    |
|121 | FIZZ1      | FIZZ1        | NM  | NP    | Q9BQ08    |
| 122 | IL4  | NM_000589.3 | NP_000580.1 | P05112 |
| 123 | IL13 | NM_002188.2 | NP_002179.2 | P35225 |
| 124 | IL4R | NM_000418.3 | NP_000409.1 | P24394 |
| 125 | LRAT | NM_001301645.1 | NP_001288574.1 | O95237 |
| 126 | CYP1B1 | NM_000104.3 | NP_000095.2 | Q16678 |
| 127 | CYP26A1 | NM_000783.3 | NP_000774.2 | O43174 |
| 128 | AOX1 | NM_001159.3 | NP_001150.3 | Q06278 |
| 129 | RBP4 | NM_001323517.1 | NP_001310446.1 | P02753 |
| 130 | RBP1 | NM_001130992.1 | NP_001124464.1 | P09455 |
| 131 | STRA6 | NM_001142617.1 | NP_001136089.1 | Q9BX79 |
| 132 | CYP3A4 | NM_001202855.2 | NP_001189784.1 | P08684 |
| 133 | CYP2C8 | NM_000770.3 | NP_000761.3 | P10632 |
| 134 | ALDH1A1 | NM_000689.4 | NP_000680.2 | P00352 |
| 135 | ADH7 | NM_000673.4 | NP_000664.2 | P40394 |
| 136 | CRABP1 | NM_004378.2 | NP_004369.1 | P29762 |
| 137 | RPE65 | NM_000329.2 | NP_000320.1 | Q16518 |
| 138 | ALDH1A2 | NM_001206897.1 | NP_001193826.1 | O94788 |
| 139 | SPHK1 | NM_001142601.1 | NP_001136073.1 | Q9NYA1 |
| 140 | SOX9 | NM_000346.3 | NP_000337.1 | P48436 |