# Appendix 2.

Transcripts analysed to assess purity of mouse arrays

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gene symbol | Gene name | 5008 | | 5012 | | 5025 | | 5007 | | 5013 | | 5024 | |
| 90d | 120d | 90d | 120d | 90d | 120d | 90d | 120d | 90d | 120d | 90d | 120d |
| *Gfap* | *glial fibrillary acidic protein* | 2198.62 | 44.26 | 747.17 | 87.18 | 1981.19 | 52.33 | 4413.13 | 1180.64 | 5626.55 | 1539.39 | 4917.10 | 844.71 |
| *S100b* | *s100 calcium binding protein B* | 4283.79 | 1078.32 | 4194.93 | 1345.31 | 3644.49 | 1120.28 | 2532.04 | 836.79 | 3524.13 | 865.29 | 3210.19 | 665.71 |
| *Aqp4* | *aquaporin 4* | 2606.19 | 667.83 | 2106.13 | 414.29 | 985.08 | 508.41 | 1938.35 | 1143.25 | 3306.45 | 1812.29 | 3801.76 | 250.84 |
| *Aldh1l1* | *aldehyde dehydrogenase 1 like 1* | 414.22 | 8.36 | 396.49 | 8.30 | 286.46 | 7.89 | 435.41 | 12.35 | 596.45 | 12.67 | 496.08 | 14.85 |
| *Syt1* | *synaptotagmin 1* | 426.91 | 195.56 | 350.25 | 174.55 | 422.45 | 151.65 | 393.52 | 126.69 | 1120.85 | 74.96 | 351.72 | 55.68 |
| *Syp* | *synaptophysin* | 1526.33 | 351.03 | 1712.75 | 639.52 | 1007.96 | 436.69 | 954.11 | 300.40 | 1478.63 | 221.73 | 972.90 | 167.11 |
| *Eno2* | *enolase 2* | 4083.00 | 556.67 | 4119.67 | 947.84 | 3480.99 | 712.33 | 3486.09 | 608.46 | 3892.58 | 480.93 | 2910.28 | 425.26 |
| *Isl1* | *islet 1* | 34.65 | 14.62 | 232.48 | 36.59 | 243.69 | 62.64 | 86.74 | 39.69 | 185.26 | 4.90 | 146.47 | 15.56 |
| *Mbp* | *myelin basic protein* | 16221.78 | 5750.68 | 15963.71 | 5080.28 | 15245.26 | 4903.70 | 15909.88 | 5303.24 | 16491.03 | 5625.78 | 16088.46 | 4915.54 |
| *Mobp* | *myelin-associated oligodendrocyte basic protein* | 12222.34 | 2125.77 | 10626.31 | 2068.26 | 9202.28 | 1688.98 | 9638.30 | 2021.67 | 12202.24 | 2513.75 | 12010.13 | 2563.82 |
| *Mag* | *myelin associated glycoprotein* | 1655.24 | 391.27 | 1396.49 | 306.13 | 949.47 | 368.87 | 1199.92 | 620.95 | 2171.20 | 468.47 | 1780.47 | 292.83 |
| *Rtn4* | *reticulon 4* | 5063.95 | 1882.56 | 5799.72 | 2422.87 | 2221.83 | 2138.50 | 2421.91 | 1681.66 | 5537.35 | 1857.62 | 5271.96 | 767.51 |
| *Cd68* | *cd68* | 37.37 | 7.81 | 33.76 | 11.66 | 31.81 | 6.14 | 149.50 | 93.41 | 198.69 | 96.82 | 237.88 | 45.33 |
| *Itgam (Cd11b)* | *integrin, alpha M (complement component 3 receptor 3 subunit)* | 9.94 | 3.86 | 10.78 | 4.61 | 3.67 | 7.64 | 4.55 | 7.59 | 6.56 | 8.65 | 22.80 | 8.75 |
| *Aif1 (Iba1)* | *allograft inflammatory factor 1* | 39.75 | 5.88 | 31.51 | 3.85 | 35.42 | 3.69 | 79.99 | 31.81 | 82.21 | 22.12 | 119.29 | 19.11 |
| *Tek (Tie1)* | *tyrosine kinase, endothelial* | 138.97 | 36.18 | 133.20 | 25.34 | 146.63 | 32.40 | 106.73 | 27.70 | 168.74 | 32.69 | 160.51 | 9.28 |
| *Cldn5* | *claudin-5* | 922.66 | 275.63 | 682.90 | 148.48 | 432.64 | 211.58 | 846.21 | 237.59 | 739.64 | 274.90 | 499.74 | 175.16 |
| *Flt1* | *fms-related tyrosine kinase 1* | 1317.45 | 397.92 | 1343.62 | 329.12 | 1360.13 | 348.82 | 1072.35 | 320.79 | 1068.57 | 407.90 | 1021.16 | 173.26 |
| *Vwf* | *von Willebrand factor* | 505.26 | 59.96 | 146.61 | 50.94 | 479.23 | 50.25 | 211.25 | 112.04 | 456.44 | 102.48 | 181.98 | 171.54 |
| *Abcc9* | *ATP-binding cassette, sub-family C (CFTR/MRP), member 9* | 479.83 | 114.92 | 327.74 | 79.56 | 187.46 | 142.00 | 143.53 | 46.00 | 317.87 | 90.11 | 323.19 | 26.04 |
| *Pdgfrb* | *platelet-derived growth factor receptor, beta polypeptide* | 816.74 | 286.50 | 666.65 | 169.06 | 759.72 | 231.47 | 510.28 | 224.09 | 758.61 | 277.89 | 813.50 | 121.54 |
| *Kcnj8* | *potassium inwardly-rectifying channel, subfamily J, member 8* | 166.12 | 49.97 | 110.68 | 27.80 | 119.13 | 66.43 | 96.90 | 41.24 | 103.90 | 49.24 | 111.06 | 28.47 |