**Table S3.** Secretory molecule expression profile (SMEP) data corresponding to published expression profiles.

|  |  |  |
| --- | --- | --- |
| **Profile** | **Gene symbol** | **Reference** |
| NSC |  |  |
|  | *Cst3* | [1] |
|  | *Cnp* | [2] |
|  | *Apoe* | [3] |
|  | *Htra1* | [4] |
| TAP |  |  |
|  | *Cd63* | [5] |
|  | *Cd81* | [5] |
| Astrocyte |  |  |
|  | *Sparcl1* | [1] |
|  | *Apoe* | [1] |
|  | *Casq2* | [4] |
|  | *Scg3* | [5] |
|  | *Sparc* | [1] |
|  | *Timp4* | [4] |
|  | *Slc1a3* | [4] |
| Ependymal cell |  |  |
|  | *Apoe* | [6,7] |
|  | *Vtn* | [7] |
|  | *Ttr* | [4,6] |
| Choroid plexus |  |  |
|  | *Ttr* | [1] |
|  | *Clu* | [1] |
|  | *Cd81* | [8] |
|  | *Spint2* | [1] |
|  | *Folr1* | [1] |
|  | *Ptgds* | [8] |
|  | *Prlr* | [1] |
| Endothelial cell |  |  |
|  | *Cdh5* | [3] |
|  | *Cd34* | [9] |
|  | *Lamb1* | [9] |
|  | *Plxnd1* | [10] |
|  | *Lrp1* | [9] |
|  | *Vcam1* | [9] |
|  | *Cadm1* | [9] |
|  | *Cadm2* | [9] |
|  | *Cadm4* | [9] |
|  | *Tek* | [9] |
|  | *Itga1* | [9] |
|  | *Itga2b* | [9] |
|  | *Itgb1* | [9] |
|  | *Lama4* | [9] |
|  | *Lrp5* | [1] |
|  | *Vwf* | [9] |
| Neuroblast[[1]](#footnote-0)\* | *Agrn* | [11] |
|  | *C3ar1* | [11] |
|  | *Ccl22* | [11] |
|  | *Ccl3* | [11] |
|  | *Ccl4* | [11] |
|  | *Cd24a* | [11] |
|  | *Cd86* | [11] |
|  | *Cdh11* | [11] |
|  | *Cdh2* | [11] |
|  | *Cxcl10* | [11] |
|  | *Cxcr7* | [11] |
|  | *Efnb1* | [11] |
|  | *Efnb2* | [11] |
|  | *Il1a* | [11] |
|  | *Il1b* | [11] |
|  | *Notch1* | [11] |
|  | *Npdc1* | [11] |
|  | *Plxna3* | [11] |
|  | *Sema4c* | [11] |
|  | *Slit1* | [11] |
|  | *St8sia2* | [11] |

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1. \* Genes upregulated in PSA-NCAM+ cells compared to adult total brain were analyzed with DAVID to identify potential secretory or cell membrane associated proteins [11]. [↑](#footnote-ref-0)