**Table e-1**. Score of molecules up-regulated in the chronic progressive phase of EAE and up-regulated during neurogenesis.

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| --- | --- | --- | --- | --- | --- | --- |
| **Entrez**  **ID** | **Symbol** | **Description** | **NSC vs.**  **Neurons** | **sPLS**  **Network** | **Time-**  **course** | **Sum** |
| 12350 | Car3 | carbonic anhydrase 3 | 1 | 1 | 0 | 2 |
| 21812 | tgfbr1 | transforming growth factor, beta receptor I | 1 | 0 | 1 | 2 |
| 15945 | Cxcl10 | chemokine (C-X-C motif) ligand 10 | 1 | 1 | 0 | 2 |
| 12892 | Cpox | coproporphyrinogen oxidase | 1 | 0 | 1 | 2 |
| 13121 | cyp51 | cytochrome P450, family 51 | 1 | 0 | 1 | 2 |
| 13360 | Dhcr7 | 7-dehydrocholesterol reductase | 1 | 0 | 1 | 2 |
| 15357 | Hmgcr | 3-hydroxy-3-methylglutaryl-Coenzyme A reductase | 1 | 0 | 1 | 2 |
| 16402 | Itga5 | integrin alpha 5 (fibronectin receptor alpha) | 1 | 0 | 1 | 2 |
| 16835 | Ldlr | low density lipoprotein receptor | 1 | 0 | 1 | 2 |
| 18194 | Nsdhl | NAD(P) dependent steroid dehydrogenase-like | 1 | 0 | 1 | 2 |
| 20775 | Sqle | squalene epoxidase | 1 | 0 | 1 | 2 |
| 21356 | Tapbp | TAP binding protein | 1 | 0 | 1 | 2 |
| 72512 | Sting1 | stimulator of interferon response cGAMP interactor 1 | 1 | 0 | 1 | 2 |
| 73338 | Itpripl1 | inositol 1,4,5-triphosphate receptor interacting protein-like 1 | 1 | 0 | 1 | 2 |
| 74268 | Aven | apoptosis, caspase activation inhibitor | 1 | 0 | 1 | 2 |
| 74754 | Dhcr24 | 24-dehydrocholesterol reductase | 1 | 0 | 1 | 2 |
| 76179 | Usp31 | ubiquitin specific peptidase 31 | 1 | 0 | 1 | 2 |
| 78388 | Mvp | major vault protein | 1 | 0 | 1 | 2 |
| 110006 | Gusb | glucuronidase, beta | 1 | 0 | 1 | 2 |
| 110196 | Fdps | farnesyl diphosphate synthetase | 1 | 0 | 1 | 2 |
| 170459 | Stard4 | StAR-related lipid transfer (START) domain containing 4 | 1 | 0 | 1 | 2 |
| 319554 | Idi1 | isopentenyl-diphosphate delta isomerase | 1 | 0 | 1 | 2 |
| 545370 | Hmcn1 | hemicentin 1 | 1 | 0 | 1 | 2 |