|  |  |  |  |
| --- | --- | --- | --- |
| **Name/ Identifier** | **mL1** | **Adult** | **Homologies and EST cluster numbers** |
| GRN-1/ EU867517.1 | 40 | - | Granulin domains (TSC00180, TSC10692 and TSC12476) [1] |
| SML-1 / EU867515.1 | 47 | - | Novel (TSC00585, TSC08102, TSC01706, TSC10742 ) [1] |
| gp45/ U01847 | 48 | 21 | similar to serine proteinases (TSC00054, TSC07448, TSC00054, TSC03042, TSC12723) [2]  |
| 9.10/ MCD-1/ SML-2/ DQ777102 | 70 | 61 | Contains 3 domains with weak similarity to type II cystatins (TSC07780, TSC00403, TSC11698, TSC14929, TSC12815 TSC01154 and 32 additional clusters) [1,3] |
| 11.3/ SML-3/ EU867516 | 24 | 10 | Novel (TSC00935, TSC00437) [1] |
| SML-4/ KRY36588.1 | 46 | 1 | Novel (TSC00495, TSC03642, TSC08176, TSC07871, TSC06474) |
| Ts53/ U25127 | 79 | 3 | Weak similarity to nudix hydrolases. (TSC00078, TSC01684 [4] |
| gp43/ M95499 | 28 | - | Similar to DNAse II. (TSC07731,TSC00010, TSC02314) [5] |
| prosaposin/ AY485648  | 61 | - | Similar to saposins. (TSC00370, TSC001230, TSC08772, TSC02110, TSC10677, TSC001369, TSC12160) [6]  |
| GM2A/ DQ132801 | 18 | - | Contains lipid interacting domain and similarity to GM2 activator. (TSC00821) [7] |
| SML-5/ XP\_003378417.1 | 12 | - | Novel (TSC00154, TSC14627) |

**S1 Table. Candidates isolated from *T. spiralis* mL1 EST datasets.**

This table shows the top 11 candidates identified in the informatics screen of the *T. spiralis* mL1 EST dataset with their names and Genbank accession numbers. The columns next to the identifier show the number of ESTs for each transcript that were identified in the *T. spiralis* mL1 and adult EST datasets. Homologies to sequences contained within Genbank, the NEMBASE4 cluster (accessed 08/11/19) and number of ESTs derived from these clusters are shown [8]. No NBL ESTs were members of the clusters derived from these genes.

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