**Gene Expression levels** .

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Gene** | **Neuron** | **Astro** | **OPC** | **Oligo** | **Position of peak relative to TSS** | **Coordinates of amplified region cloned into pGL3-Promoter (UCSC rat 2004)** | **ChIP****signal in amplified region** |
| *Cntn2* | 503 | 35 | 117 | 3,395 | +4,757 bp(intronic) | chr13:45,423,710-45,424,296 | ::::::Screen shot 2012-12-03 at 4.54.09 PM.png |
| *Cntn2**(-ve control region)* | 503 | 35 | 117 | 3,395 | +5,605bp(intronic) | chr13:45,422,625-45,423,448 | ::::::Screen shot 2012-12-03 at 5.02.51 PM.png |
| *Tfn* | 107 | 78 | 410 | 14,482 | -313 bp | chr8:108,244,534-108,245,244 | ::::::Screen shot 2012-12-03 at 4.58.12 PM.png |
| *Mag* | 47 | 46 | 23 | 11,866 | -16 bp | chr1:85,970,642-85,971,235 | ::::::Screen shot 2012-12-03 at 4.58.43 PM.png |
| *Mbp* | 478 | 177 | 144 | 10,649 | -19,061 bp | chr18:79,006,011-79,006,944 | ::::::Screen shot 2012-12-03 at 4.59.21 PM.png |
| *Plp1* (1) | 907 | 1,680 | 1,242 | 20,798 | -88,697 bp | chrX:124,399,436-124,400,121 | ::::::Screen shot 2012-12-03 at 4.59.45 PM.png |
| *Plp1* (2) | 907 | 1,680 | 1,242 | 20,798 | -80,697 bp | chrX:124,407,459-124,408,306 | ::::::Screen shot 2012-12-03 at 5.00.09 PM.png |
| *Rffl* | 41 | 74 | 78 | 2,490 | +12,752 bp(intronic) | chr10:71,034,165-71,034,749 | ::::::Screen shot 2012-12-03 at 5.00.52 PM.png |
| *Nfasc* (1) | 986 | 403 | 1,313 | 11,065 | +10,117 bp(intronic) | chr13:45,627,390-45,628,388 | ::::::Screen shot 2012-12-03 at 5.02.29 PM.png |
| *Nfasc* (2) | 986 | 403 | 1,313 | 11,065 | +34,581 bp(intronic) | chr13:45,602,970-45,603,778 | ::::::Screen shot 2012-12-03 at 5.01.57 PM.png |