

Supplemental Table ST1

Comparison of group differences for transcripts obtained from amnesic MCI and non-amnesic MCI subjects.

CA1 pyramidal neurons

| <i>Transcript</i> | <i>p-value</i> |
|--------------------------|----------------|
| <i>Gdnf</i> | 0.35 |
| <i>Bdnf</i> | 0.56 |
| <i>Cntf</i> | 0.41 |
| <i>Ngfb</i> | 0.99 |
| <i>Ntf3</i> | 0.81 |
| <i>Ntf5</i> | 0.16 |
| <i>p75^{NTR}</i> | 0.41 |
| <i>TrkA ECD</i> | 0.64 |
| <i>TrkA TK</i> | 0.72 |
| <i>TrkB ECD</i> | 0.08 |
| <i>TrkB TK</i> | 0.24 |
| <i>TrkC ECD</i> | 0.35 |
| <i>TrkC TK</i> | 0.24 |

Hippocampus

| <i>Transcript</i> | <i>p-value</i> |
|--------------------------|----------------|
| <i>Gdnf</i> | 0.30 |
| <i>Bdnf</i> | 0.60 |
| <i>Cntf</i> | 0.04 |
| <i>Ngfb</i> | 0.60 |
| <i>Ntf3</i> | 0.99 |
| <i>Ntf5</i> | 0.43 |
| <i>p75^{NTR}</i> | 0.19 |
| <i>TrkA ECD</i> | 0.99 |
| <i>TrkA TK</i> | 0.60 |
| <i>TrkB ECD</i> | 0.19 |
| <i>TrkB TK</i> | 0.07 |
| <i>TrkC ECD</i> | 0.19 |
| <i>TrkC TK</i> | 0.60 |

No statistically significant differences were observed between amnesic MCI and non-amnesic MCI patients in terms of neurotrophin or neurotrophin receptor mRNAs after adjusting for multiple comparisons.