Supplemental Information

The Neuronal Gene *Arc* Encodes a Repurposed Retrotransposon Gag Protein

that Mediates Intercellular RNA Transfer

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Table S1: Related to the STAR Methods

| Oligonucleotide | | |
|-----------------|--------------------------|--------------------------|
| Pair | Forward (5'-> 3') | Reverse (5'-> 3') |
| Arc | GGAGGGAGGTCTTCTACCGTC | CCCCACACCTACAGAGACA |
| GFP | CCTGAAGTTCATCTGCACCA | AAGTCGTGCTGCTTCATGTG |
| GST | TGGAGTTTCCCAATCTTCCTT | ACGCTCTTTTGGACAACCAC |
| GAPDH | CATGGCCTTCCGTGTTCCTA | GCCTGCTTCACCACCTTCTT |
| AsnA | GCGTGGATGCCGACACGTTG | ATACCGCCGCCGATGGTCTG |
| | CCCACAGAGGATGAGACTGAGGCA | ACCCTCACTGTACTGCAGAAACTC |
| ArcΔCTD | CTCACG | CTTCTT |