

Supplementary Materials

	[X _f]
KCl	170 mM
MgCl ₂	1 mM
Hepes (pH7.4)	10 mM
CaCl ₂	2 mM
H ₂ O	

Table S1. Recipe Depolarization Solution.

	FITC
Laser	10.0
Gain	615

Table S2. JuliStage parameters.

Gene symbol	Sequence	Accession
<i>ACHE</i>	F: CTCAGCGCCACCGACAC R: CTGGTTCTTCCAGTGCACCA	NM_001367919.2
<i>BDNF</i>	F: ACACAAAAGAAGGCTGCAGG R: TGCTATCCATGGTAAGGGCC	NM_170734.4
<i>BDNF-AS</i>	F: GTGGGTCCATTCCGTGTGTG R: AGCTGGTGCAGGTATCAGATTAG	NR_002832
<i>CHAT</i>	F: CGAGGAGAGCAGGTCCACA R: TTTGCTGCCATCTTACGGGG	NM_001142929.2
<i>EGR1</i>	F: GAGCAGCCCTACGAGCAC R: GAGTGGTTTGGCTGGGGTAA	NM_001964.3
<i>EGR2</i>	F: TCGGTGACCATCTTTCCCAA R: GTTGATCATGCCATCTCCGG	NM_000399.5
<i>HAR1A</i>	F: AGCGGCGGAAATGGTTTCTA R: CATCGCGGAAAACGGGATTC	NR_003244.2
<i>HPRT 1</i>	F: TATGCTGAGGATTTGGAAAGGGT R: CGAGCAAGACGTTTCAGTCCT	NM_000194.3
<i>LINC00473</i>	F: AAACGCGAACGTGAGCCCCG R: CGCCATGCTCTGGCGCAGTT	NR_026860.1
<i>LINC AK023739</i>	F: AACCCTTCCTCCTCTGCAC R: TCTGGTTGTCTCCGAACACA	NR_110225.1
<i>LINC BC028229</i>	F: TCCTGATAGACGTTCCCAAGG R: CTAGCAGCAGGTTTCGATGG	NR_149073.1
<i>MALAT1</i>	F: TGGATGTGTAAGTGAAGCGG R: ACACCTTGAGTCATTGCCT	NR_002819.4
<i>NEAT1</i>	F: ACAGCATTCCTGTCTGCGAA R: GACTTCAGGCTCCAGCCATT	NR_028272.1
<i>NPTX2</i>	F: TGGACAAGAGCAGGACACCG R: GGTCCCATATGTTGAACTGGCT	NM_002523.3
<i>NRG1</i>	F: TGTGCGGAGAAGGAGAAAAC R: GGCAGCGATCACCAGTAAAC	NM_013962.3
<i>NTRK2</i>	F: CGGGGACTTTGGGATGTC R: CGCTTTCCGTCGTGAATTTC	NM_006180.6

<i>PGRN</i>	F: AGCTGGGTGGCCTTAACAG R: CAGTGGGCATCAACCTGG	NM_002087.4
<i>SHANK3</i>	F: CTGCCCTACCTGGAGTTTCG R: TCAGGTTCGCCTTTGTGTGA	NM_001372044.2
<i>SYP</i>	F: ACTATGGGCAGCAAGGCTAC R: CTGGGCTTCACTGACCAGAC	NM_003179.3

Table S3. Validated primer sequences.