

Supplementary Materials: *Mrpl10* and *Tbp* Are Suitable Reference Genes for Peripheral Nerve Crush Injury

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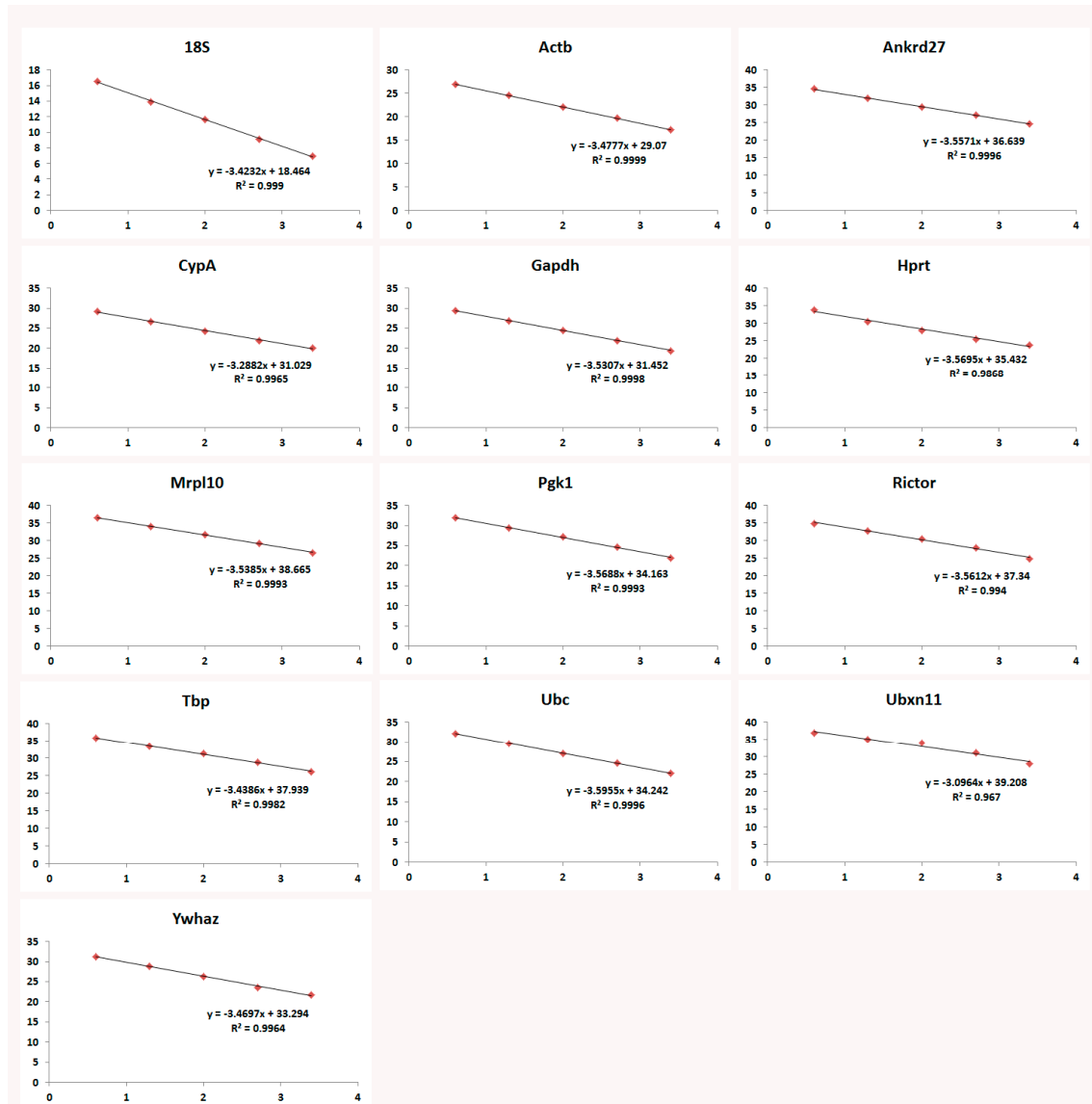


Figure S1. Standard curves for the efficiency of primer pairs. Distal sciatic nerve stumps at 0, 1, 4, 7, 14, and 21 days post injury were mixed together and then diluted at a 5-fold serial dilutions to determine PCR efficiency.

Table S1. Expression patterns of housekeeping genes in crushed nerve stump from previous obtained deep sequencing. (The expression levels of housekeeping genes at different time points post injury were compared with control (0 h) and fold changes were listed in the table.)

Gene Symbol	1 Day	4 Days	7 Days	14 Days
<i>Actb</i>	2.10	2.16	1.51	1.46
<i>Ankrd27</i>	1.79	1.57	1.43	1.41
<i>Cypa</i>	1.89	1.83	1.18	−0.95
<i>Gapdh</i>	1.72	1.05	−0.58	−0.60
<i>Hprt1</i>	3.02	2.96	1.90	1.93
<i>Mrpl10</i>	1.46	1.30	1.03	1.11
<i>Pgk1</i>	3.80	2.60	1.34	1.17
<i>Rictor</i>	−0.93	1.03	−0.99	1.01
<i>Tbp</i>	2.02	1.59	1.53	1.28
<i>Ubc</i>	1.45	1.35	1.27	1.49
<i>Ubxn11</i>	1.65	2.02	1.88	1.28
<i>Ywhaz</i>	1.88	1.91	1.54	1.53

Table S2. Expression patterns of housekeeping genes in DRGs after nerve crush injury from previous obtained deep sequencing. (The expression levels of housekeeping genes at different time points post injury were compared with control (0 h) and fold changes were listed in the table.)

Symbol	3 h	9 h	1 Day	4 Days	7 Days
<i>Actb</i>	1.01	1.05	1.08	1.04	1.04
<i>Ankrd27</i>	−0.95	−0.92	1.06	−0.96	1.05
<i>Cypa</i>	−0.94	1.04	−0.91	−0.95	−0.97
<i>Gapdh</i>	−0.95	−0.98	−0.90	−0.90	−0.96
<i>Hprt1</i>	−0.94	1.11	1.08	1.15	1.12
<i>Mrpl10</i>	−0.95	−0.96	−0.87	−0.87	−0.92
<i>Pgk1</i>	−0.98	1.03	1.10	1.15	1.24
<i>Rictor</i>	1.15	1.13	1.14	1.13	−0.99
<i>Tbp</i>	1.05	1.08	1.13	1.13	1.03
<i>Ubc</i>	1.05	1.10	−0.92	−0.95	1.01
<i>Ubxn11</i>	1.31	1.10	1.08	1.27	1.37
<i>Ywhaz</i>	1.03	1.00	1.06	1.05	1.02