



Supplemental Fig. 1 Retinoic acid (upper row) and FGF (lower row) pathway genes that showed little or no regulation in the lesioned spinal cord. PCR analyses for lesioned (+; 14 days post-lesion) and unlesioned (-) spinal cords, using GAPDH as a standard, are shown.

Supplemental Table 1: List of primers used for amplification of genes related to FGF and retinoic acid signaling.

Gene	forward primer	reverse primer	Annealing Temperature
fgf3	GAGGAGCTCCAAGACGTAGG	ATTGATGGACACATACCACTGC	57
fgf8a	CTGGTACATGGCCTTCACG	AGCGCTTACACATCCTGTGC	56
fgf17b	TGTGGAGGCTGAAGTATGAGG	GTGTCGTGTGTTAGCATGTGG	57
fgfr1a	AAGAAGCTACATGCGGTTCC	TTCAGCCACTGAATGTGAGG	57
fgfr2	GATGTCGTTGAACGCTCTCC	CACGATCACCACCATACAGG	57
fgfr3	GGACAACGTGATGAAGATTGC	GCTCGAACGGTACAGAGAGG	57
fgfr4	CTTCTCTCCGACCATTCAAC	GCCATTGGCTTCTTATCAGC	57
dusp6	GACGGTAGAGTGGCTGAAGG	GATGTCCGAGGAGTCAGAGC	56
pea3	CAACGAAGGCTACTCCAACC	ATTCCGCCTTCAGACTTGG	56
spry1	AGATGAGCATTGCTGTGTGG	GTGATGCTGTGGTGTTCTGG	56
spry2	GCTCGGTTCTGGAGTAGC	ATCTGTCAAGGTGCCTCTGG	56
spry4	AGGAACACGACCTACAGATGG	GAGTAGGAGCTGCGTGATCC	56
raldh2	CAGGATCGACTGAGGTAGGC	CTTCAGTGATGCCACTCTGG	56
raraa	TATCGCTGCACCATATCACG	CTCAAGACAACGGCTGATCC	56
rarab	AGATGATCGAGCAGGTGAGG	GACAGATGGCGCTAAGAAGC	56
rarga	GAGACTGGCCTCCTTAGTGC	TCGTCATCCTCCTCTTCTGG	56
rargb	TGGAGTCAGCTCTTGTGAGG	TCTGGTCTGCGATAGTGAGC	56
rxraa	AGTGAGAACGAAGTGGAGTCC	ACAATGGCTCGAAGACATCC	56
rxrga	CATCACCTCCTCCTCTCTGG	ACCGCCTCTCTTTCATGC	56
rxrgb	TGGCAATGAAGACATCAAGC	CGACTGACAGTTCTGCATCC	56
crabp2a	ACAGAACGGAAGATGGATCG	CTGTTTCGCAGCTAATCTTGC	57
crabp2b	CCAGCGTCTCAGTCTAGTTGG	ACTGGCACAGGACATGAGG	57
cyp26a	TCCGAACCTGCAGAAGTCCTC	GCTTCCACCAGTTCTTGCTC	56