

Supplementary Figure and Table

Effects of pulpotomy using mineral trioxide aggregate on prostaglandin transporter and receptors in rat molars.

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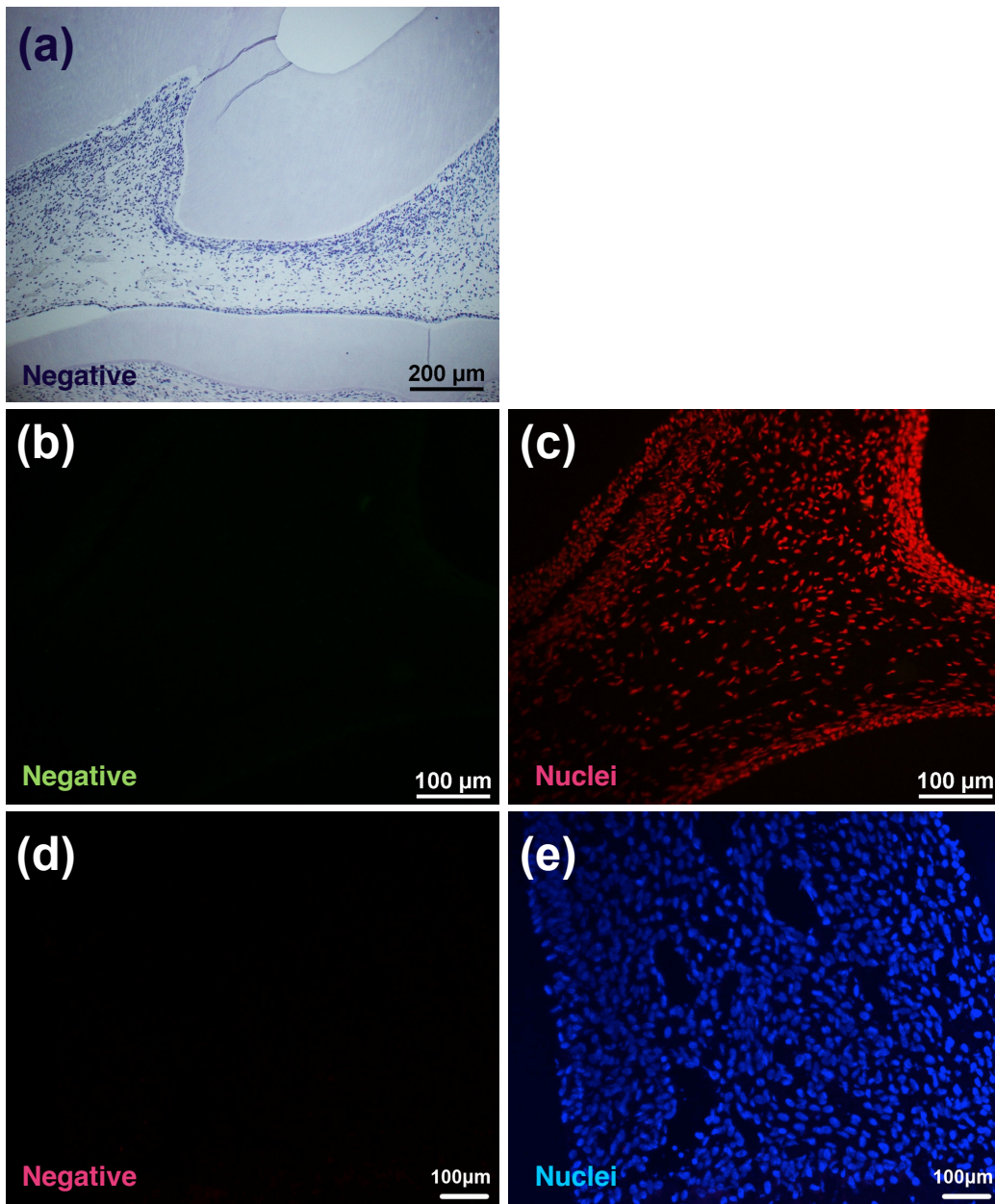
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Supplementary Figure 1.



Negative control staining for antibody validation

Negative control staining was performed by replacing both primary rabbit antibodies with PBS. (a) Negative control for 3,3' diaminobenzidine staining shows no specific immunoreaction. (b, d) The control sections do not exhibit any specific immunoreactivity. (b) Goat anti-rabbit IgG antibody-conjugated AlexaFluor 488 (green) for secondary antibody. (d) Goat anti-mouse IgG antibody-conjugated AlexaFluor 546 (red) for secondary antibody. (c) Propidium iodide (PI: red) is detected in nuclei. (e) 4'6-diamidino-2-phenylindole (DAPI: blue) is detected in nuclei.

Supplementary Table 1. Primers used in this study

Molecular name	Accessin NO.	Primer		
		Name of oligomer	Sequence	Expected size
<i>Slco2a1</i>	NM_022667	Sense primer	gccagataccacaaggaga	166bp
		Anti-sense primer	gatggcgaataggatggaga	
<i>Ptger2</i>	NM_031088	Sense primer	cagctcggagcaaaagaag	129bp
		Anti-sense primer	cataatggccaggagaatgagg	
<i>Ptger4</i>	NM_032076	Sense primer	gtcatcttactcatgccacct	139bp
		Anti-sense primer	ttctgatggcctgcaaatcc	
<i>Vegfa</i>	NM_001110333.2	Sense primer	aacctaccaaagccagcac	125bp
		Anti-sense primer	ttgaccctttcccttctc	
<i>Dspp</i>	NM_012790	Sense primer	cggtattgaagaaggcgatg	122bp
		Anti-sense primer	atccctgatttgctctgc	
<i>Nestin</i>	AF538924.1	Sense primer	tccttagccacaaccctcaac	109bp
		Anti-sense primer	agatttgcccctcatcttc	
<i>Ngf</i>	NM_001277055.1	Sense primer	aaccaatagctgcccgtgtg	139bp
		Anti-sense primer	aatccagagtgtccgaagagg	
<i>β-actin</i>	NM_031144.2	Sense primer	cagggtgatggtgggtat	146bp
		Anti-sense primer	gtgtggtgccaatctctc	