Supplementary files

Table S1 Primers of genes for RT-PCR

Gene name	Accession no.	Sense primer	Antisense primer
WNT5a	XM_005669660.1	CTGGCAGGACTTTCTCAAGG	GAGGTGTTATCCACCGTGCT
β-Catenin	NM_214367.1	ACATGGCTATGGAGCCAGAC	TTGGGTGGTATCCACATCCT
ALP	XM_005658458.1	CCCAAAGGCTTCTTCTTGCTG	GTGTGTCTTCCACGGAGGTCAT
OCN	NM_001164004.1	AAAGGTGCAGCCTTCGTGT	TGCCATAGAAGCGCCGATAG
BSP-II	XM_003129337.1	GGCTTGAACCAACACCTCCAC	TCTCGCTTTCGTAGATTTCGTATC
RUNX2	XM_013977989.1	CGCCTCACAAACAACCACAG	TTGATGCCATAGTCCCTCCTT
PLAP1	NM_001243889.1	TTCAACTGTGGAACTGGAGGAT	CTGTTGGGCAGAAGTCATTCA
FGF2	XM_013978917.1	GTTGTGGCTTACCCTCCCTTTG	CCGTTCGTTTCAGTGCCACAT
COL-I	XM_013149538.1	GGCGGTTACGACTTGAGCTTC	AGGCTCTTGAGGGTGGTGTCTA
β-Actin	NM_001164650.1	TGGTTCTGGGCTCTGTAAGGC	TGATGCCGTGTTCTATTGGGTA

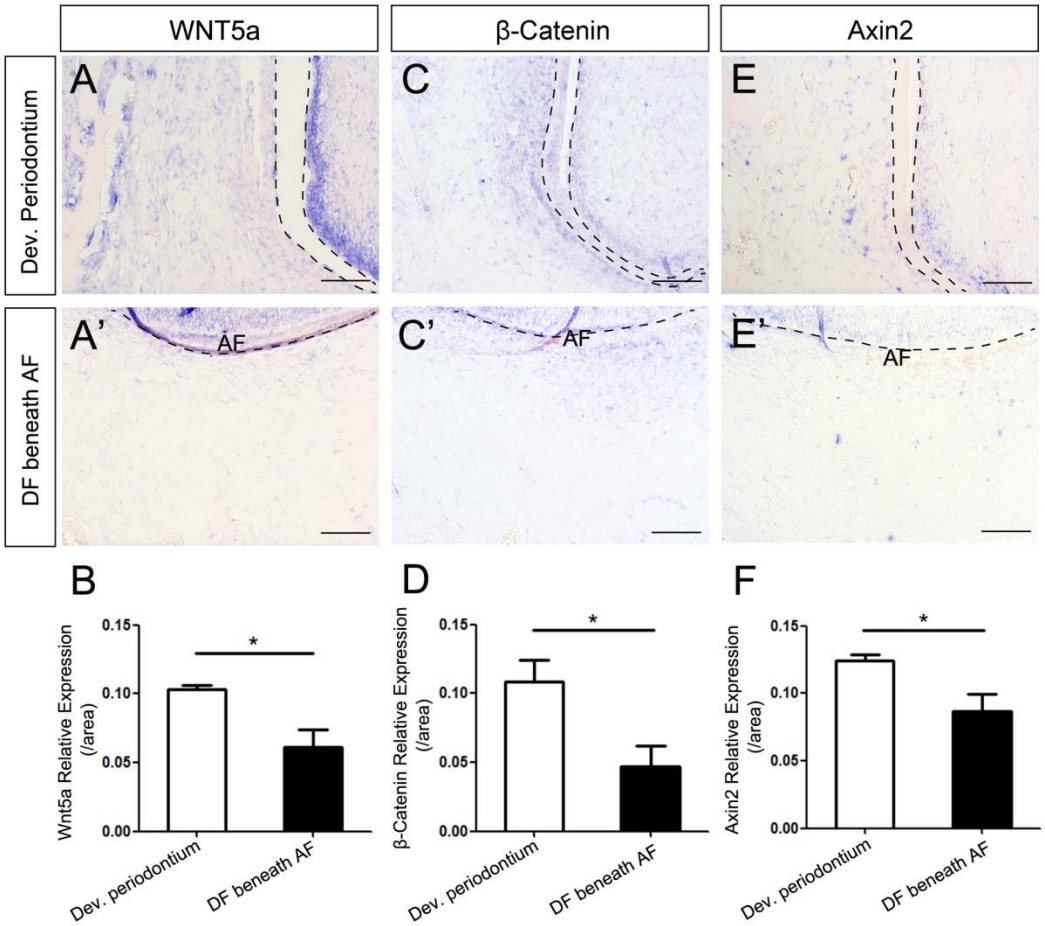

Figure S1. **Expression dynamics of *WNT5a*, *β-Catenin*, and *Axin2* in dental follicle and developing periodontium of DI3 of miniature pig.** In situ hybridization experiments were carried out to study the differences of expression patterns of *WNT5a*, *β-Catenin* and *Axin2* between developing periodontium (Dev. Periodontium) and dental follicle beneath apical foramen (DF beneath AF). (A, A', B) Expression pattern of *WNT5a* showed the expression level of Dev. Periodontium was higher than that of DF beneath AF (n=3, $P<0.05$). (C, C', D) Expression pattern of *β-Catenin* showed the expression level of Dev. Periodontium was higher than that of DF beneath AF (n=3, $P<0.05$). (E, E', F) Expression pattern of *Axin2* showed the expression level of Dev. Periodontium was higher than that of DF beneath AF (n=3, $P<0.05$). Scale bars represent 100μm (A, A', C, C', E, E').