**Supplementary Material**

**let-7c-5p regulates *CyclinD1* in fluoride-mediated osteoblast proliferation and activation**

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**Supplemental Table 1** Primers of mRNA used in qRT-PCR.

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| --- | --- |
| Gene | Primer sequences |
| *CyclinD1* F | 5′-GGGCCACTTGCATGTTCGT-3′ |
| *CyclinD1* R*Wnt9a* F*Wnt9a* R | 5′-CAGGTTCCACTTGAGCTTGTTCAC-3′5′-GCATCTGAAGCACAAGTATGAG-3′5′-CAGAAGCTAGGCGAGTCATC-3′ |
| *GAPDH* F | 5′-GCACCGTCAAGGCTGAGAAC -3′ |
| *GAPDH* R | 5′- TGGTGAAGACGCCAGTGGA -3′ |

**Supplemental Table 2** Primers used in ChIP-qRT-PCR.

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| --- | --- |
| Gene | Primer sequences |
| *ChIP 1* F | 5′-ACCTCCACCTCACCCCCTAA-3′ |
| *ChIP 1* R*ChIP* 2 F*ChIP* 2 R*GAPDH* F*GAPDH* R | 5′-GCAACTTCAACAAAACTCCCCT-3′5′-CGTCCATGCGGAAGATCGT-3′5′-GGGGGGTGAGTAGCAAAGAAA-3′5′-GCCATGTAGACCCCTTGAAGAG-3′5′-ACTGGTTGAGCACAGGGTACTTTAT-3′ |



Supplementary figure 1. The flowchart of experimental design.