**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.

|  |  |
| --- | --- |
| 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.

|  |  |
| --- | --- |
| 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′ |

Diagram

Description automatically generated

Supplementary figure 1. The flowchart of experimental design.