

Supplementary Material

Testis-enriched circular RNA circ-Bbs9 plays an important role in Leydig cell proliferation by regulating a CyclinD2-dependent pathway

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Supplementary Table 1: Sequence of chemically synthesized oligonucleotides

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| name | sequence(5'to3') |
|----------------------|--|
| over-mcirc-bbs9 F | cgtactaatgactttttttatacttcagTAGATTACCCTGCAGAACCGAGTG |
| over-mcirc-bbs9 R | cctaattcttttccttgcttcttacGATGTTCTGGAAGCAAGAAGAG |
| pHB-circbasic F | GTAAGAAGCAAGGAAAAGAATTAGGCTCG |
| pHB-circbasic R | CTGAAGTATATAAAAAAAAAAGTCATTAGTACGTACCTTTACAAAAAG |
| constructio n-bbs9-F | CGCAAATGGGCGGTAGGCGTG |
| constructio n-bbs9-R | GTGTGAGCTACCGTGCCG |
| circPC-cons-F | CTCACAGCATGTCCTCCCG |
| circPC-cons-R | GTCCAGGCTGTCTGATGAG |
| mCnd1-F | GAGGAGATGTACCCTCCAGA |
| mCnd1-R | TAACAGGAAGCAGGGAGTCT |
| mCnd2-F | CCTCACGACTTCATTGAGCA |
| mCnd2-R | ATGCTGCTCTTGACGGA ACT |
| mGli1-F | GTGCACGTTTGAAGGCTGT |
| mGli1-R | CGTGAATAGGACTTCCGACA |
| mCdk2-F | GCTCCTATCTAGAAGTGGCT |
| mCdk2-R | GCACTGGTTTAGTTACATCCT |
| m18s-probeF | CGGAATTCCG TAGTTGGATCTTGGGAGCGG |
| m18s-probeR | CGGGATCCCG CGCTCTGGTCCGTCTTGC |
| mbbs9-probeR15 | CGGGATCCCG GAAAACGCTACTGAACTCGTCA |
| mbbs9-probeF16 | CGGAATTCCG TGCAAGCCACAACTAACTATAG |

| | |
|----------------------------------|---|
| m-ptch1F | AAATGCTGAATAAAGCCGAA |
| m-ptch1R | TACATTTGCTTGGGAGTCATT |
| liner mbbs9F | CGGGATCCCG GTCAGATGGTGGAGTTTGGAA |
| liner mbbs9R | CGGAATTCCG GTGCCACCCTTCTTAAGCAT |
| Sh-mBBS9 cir14-17 oligo1-F | CCGGTGCTTCCAGAACATCCCATTACTCGAGTAATGGGATGTTCTGGAAG CATTTTTG |
| Sh-mBBS9 cir14-17 oligo1-R | AATTCAAAAATGCTTCCAGAACATCCCATTACTCGAGTAATGGGATGTTCT TGGAAGCA |
| Sh-mBBS9 cir14-17 oligo2-F | CCGGGCTTCCAGAACATCCCATTACCTCGAGGTAATGGGATGTTCTGGAAG GCTTTTTG |
| Sh-mBBS9 cir14-17 oligo2-R | AATTCAAAAAGCTTCCAGAACATCCCATTACCTCGAGGTAATGGGATGTTCT TGGAAGC |