**Supplementary Tabel S1 Primer and siRNA sequences for this study**

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| --- | --- | --- |
| **Gene** | **Forward Primer** | **Reverse Primer** |
| **(sense)** | **(anti-sense)** |
| **TNRC6C-AS1** | GTGCGAGTGCTGCTGGGTGAAG | GAGGGACCGTGATGGTTTGGAG |
| **TNRC6C** | CGGCATCTTCTGGAACTAC | CCCTTTATCTCGCCTTCG |
| **NIS** | TAAGTGGCTTCTGGGTTGTCC | ATAGCGGCTCCTCGGGTCA |
| **TSHR** | TCACCAGCCACTACAAAC | AGGTCTACAGAGGCGATG |
| **TPO** | ACACTTGCCTGGCGAACA | GACTGAAGCCGTCCTCATAGA |
| **Pendrin** | ATCCCAACCAAGGAAATAGA | CTTTGACAATCACCCGCAGT |
| **GAPDH** | ACAACTTTGGTATCGTGGAAG | GCCATCACGCCACAGTTTC |
| **β-actin** | TCACCCACACTGTGCCCATCTACGA | CAGCGGAACCGCTCATTGCCAATGG |
| **TNRC6C-AS1-siRNA1** | CCCAAGAGUUUCGGUUUAUTT | AUAAACCGAAACUCUUGGGTT |
| **TNRC6C-AS1-siRNA2** | CCCGAGAGAUUCUGAUUGATT | UCAAUCAGAAUCUCUCGGGTT |
| **TNRC6C-AS1-siRNA3** | GGCCGGAUGUGAAUUAUCUTT | AGAUAAUUCACAUCCGGCCTT |
| **TNRC6C-siRNA1** | GCUGGGAUAAAGUGAUAAUUU | UUGACCCUAUUUCACUAUUAU |
| **TNRC6C-siRNA2** | CUCCAAUGCUGGCAUUAAUUU | UUGGCGAGAUAAAGGGAUUAU |
| **TNRC6C-siRNA3** | GCGAGAUAAAGGGAUUAUAUU | UUGCGGGAAGGAAAUCGAUUA |