**Table S1 siRNAs sequences**

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| Gene | Strand | Sequence |
| si-SMAD3 #1 | Sense | 5′‐CGUCAACACCAAGUGCAUCTT‐3′ |
| Antisense | 5′‐GAUGCACUUGGUGUUGACGTT‐3′ |
| si-SMAD3 #2 | Sense | 5′‐GCAACCUGAAGAUCUUCAATT‐3′ |
| Antisense | 5′‐UUGAAGAUCUUCAGGUUGCTT‐3′ |
| si-PAX6 | Sense | 5′‐CGUGUCCAACGGAUGUGUGAGUAAA‐3′ |
| Antisense | 5′‐GAAAGAGUUUGAGAGAACCCAUUAU‐3′ |
| si-NC | Sense | 5′‐UUCUCCGAACGUGUCACGUTT‐3′ |
| Antisense | 5′‐ACGUGACACGUUCGGAGAATT‐3′ |