**Table supplement 1. siRNA target sequences.**

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| **siRNA target sequences** | | |
| **Gene** | **sense (5’-3’)** | **antisense (5’-3’)** |
| *Gli1-mus-#1* | GCCUUACAUGUGUGAGCAATT | UUGCUCACACAUGUAAGGCTT |
| *Gli1-Mus-#2* | CCUCGGAGUUCAGUCAAAUTT | AUUUGACUGAACUCCGAGGTT |
| *Gli1-mus-#3* | CCACCCUACCUCUGUCUAUTT | AUAGACAGAGGUAGGGUGGTT |
| *Dnmt3a-Mus* | CCAUGUACCGCAAAGCCAUTT | AUGGCUUUGCGGUACAUGGTT |
| *Dnmt1-Mus* | GUCUCAUUGAGAAGAAUGUTT | ACAUUCUUCUCAAUGAGACTT |