Figure S1. Construction of dual-luciferase assay vector. UTR, untranslated region; WT, wild-type; MUT, mutant; miRNA, microRNA; Luc, luciferase; GATA6, transcription factor GATA-6; RISC, RNA-induced silencing complex; IRES, internal ribosome entry site.
Table SI. A total of 22 common genes in starBase, miRDB and TargetScan.

| Gene name | Transcript ID       |
|-----------|---------------------|
| ABL2      | ENST00000502732     |
| DR1       | ENST00000370267     |
| TGFB2     | ENST00000366929     |
| ZEB1      | ENST00000320985     |
| MSANTD4   | ENST00000301919     |
| QSER1     | ENST00000399302     |
| KLF12     | ENST00000377669     |
| BRMS1L    | ENST00000216807     |
| CHD2      | ENST00000394196     |
| GATA6     | ENST00000269216     |
| DMWD      | ENST00000270223     |
| MN1       | ENST00000302326     |
| TNRC6B    | ENST00000301923     |
| PTPRG     | ENST00000474889     |
| ATXN1     | ENST00000244769     |
| EPHA7     | ENST00000369303     |
| E2F3      | ENST00000346618     |
| CDK13     | ENST00000181839     |
| TSC1      | ENST00000298552     |
| PAPPA     | ENST00000328252     |
| ZBTB34    | ENST00000319119     |
| MBNL3     | ENST00000370857     |