Supplementary Table 1  Primers for qRT-PCR used in this study

| Gene        | Forward Primer       | Reverse Primer       |
|-------------|----------------------|----------------------|
| GAPDH       | AAGGTCGGAGTCAACGGATTT | CCATGGGTGGAATCATATTGG |
| pri-miR-552 | TAGCCCAAGTGGTTCACACGCC | TGCTGACTTATTCCATCCT |
| DACH1       | GGAATGGATTGTGGCTGAAC | GGTATGGACTGGTCATCAAG |
| PCDH10      | ACTGCTATCGGGATGTTTGCT | GTCTGTAACGATAGCTAGCT |
| SMAD4       | ACGAAGAGTTGATCACCTCGG | TGCACGATTACCTGGTGATG |
| FOXM1       | GACTTCTTGGGTCTGGGGGTG | GGAGGAATGACCACCCCTAGCG |

Supplementary Table 2  The correlation index between FOXM1 and miRNAs was obtained from TCGA using Pearson’s correlation analysis. 20 miRNAs with $r > 0.3$ or $r < -0.3$ and $p < 0.05$ were listed.

| Gene   | miRNA  | COR        | P-Value   |
|--------|--------|------------|-----------|
| FOXM1  | hsa-mir-552 | 0.709504979 | 4.44E-16  |
| FOXM1  | hsa-mir-200c | 0.59424544  | 1.74E-10  |
| FOXM1  | hsa-mir-141 | 0.57463921  | 9.23E-10  |
| FOXM1  | hsa-mir-1270-1 | 0.409404234 | 3.45E-05  |
| FOXM1  | hsa-mir-548t | 0.391259527 | 8.09E-05  |
| FOXM1  | hsa-mir-301b | 0.337495172 | 0.000772  |
| FOXM1  | hsa-mir-577 | 0.3352254  | 0.000842  |
| FOXM1  | hsa-mir-455 | 0.331743409 | 0.00096   |
| FOXM1  | hsa-mir-345 | 0.329564381 | 0.001042  |
| FOXM1  | hsa-mir-3691 | 0.316000111 | 0.00171   |
| FOXM1  | hsa-mir-3934 | 0.301879167 | 0.002798  |
| FOXM1  | hsa-mir-26a-1 | -0.300833896 | 0.002899  |
| FOXM1  | hsa-mir-195 | -0.30230183 | 0.002758  |
| FOXM1  | hsa-mir-130a | -0.312276676 | 0.001952  |
| FOXM1  | hsa-mir-664 | -0.313538954 | 0.001867  |
| FOXM1  | hsa-mir-338 | -0.321394993 | 0.001408  |
| FOXM1  | hsa-mir-218-1 | -0.321838801 | 0.001386  |
| FOXM1  | hsa-mir-146b | -0.322973744 | 0.00133   |
| FOXM1  | hsa-mir-218-2 | -0.323900591 | 0.001285  |
| FOXM1  | hsa-mir-497 | -0.33376179 | 0.000903  |
Supplementary Figure 1. The association of FOXM1 with DACH1, PCDH10 and SMAD4.