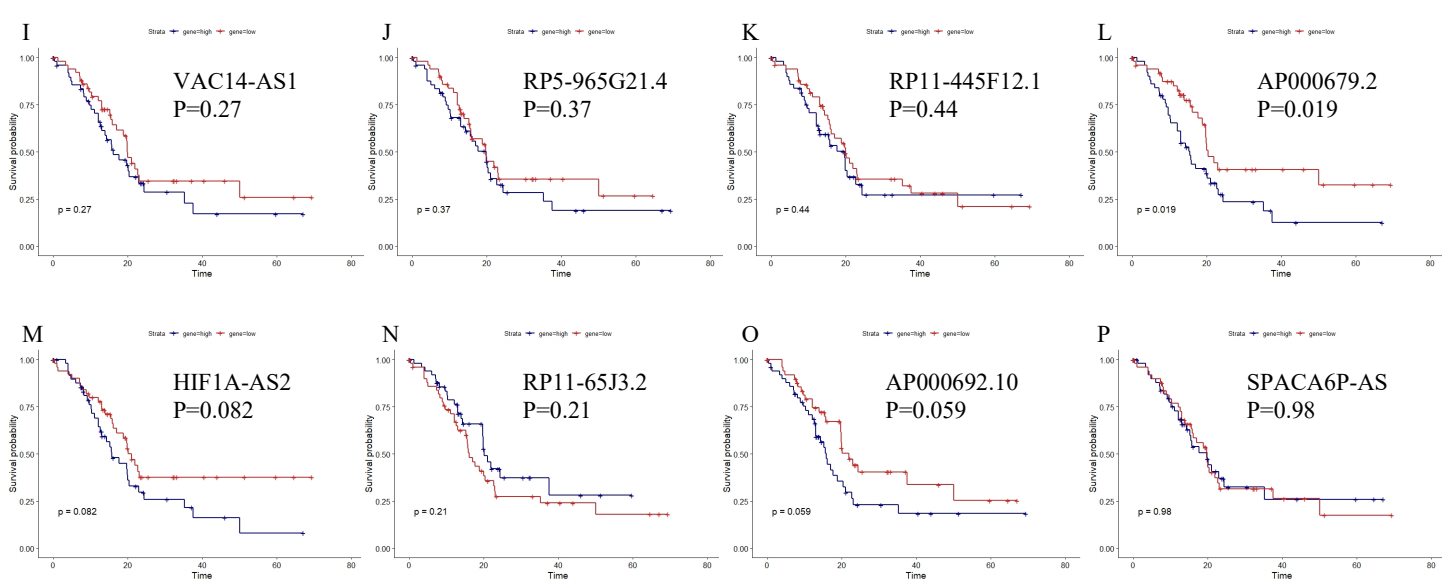
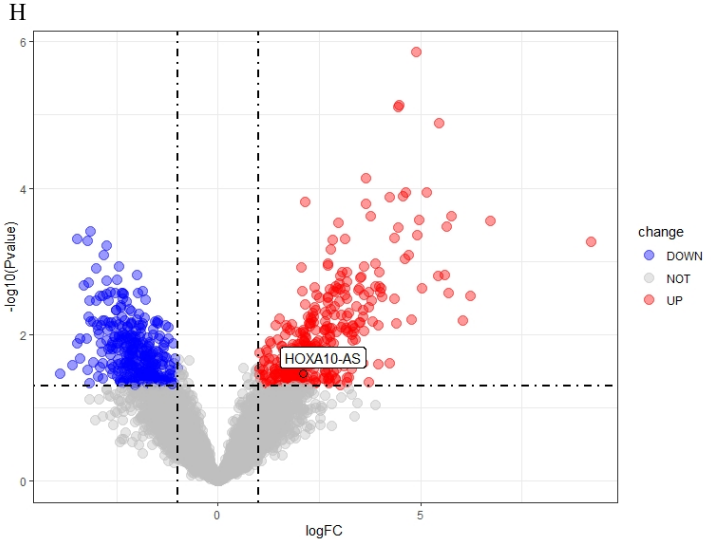
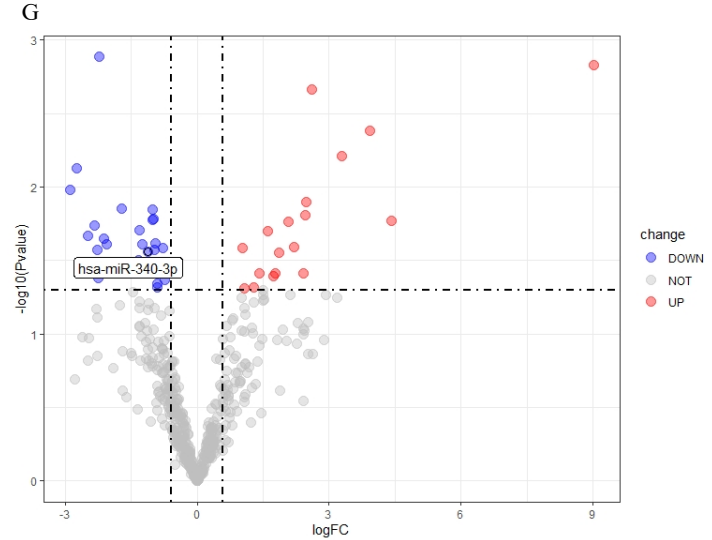
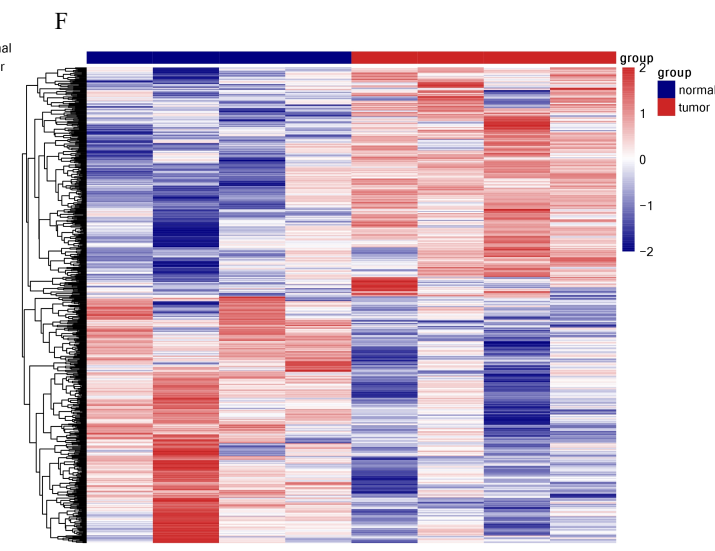
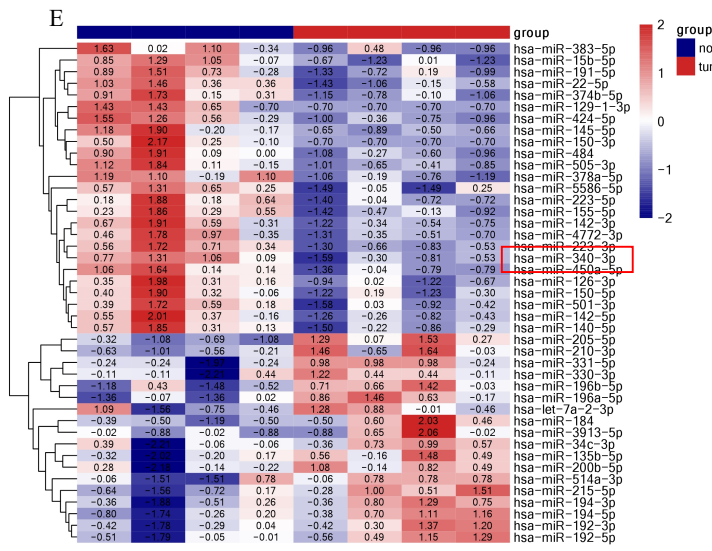
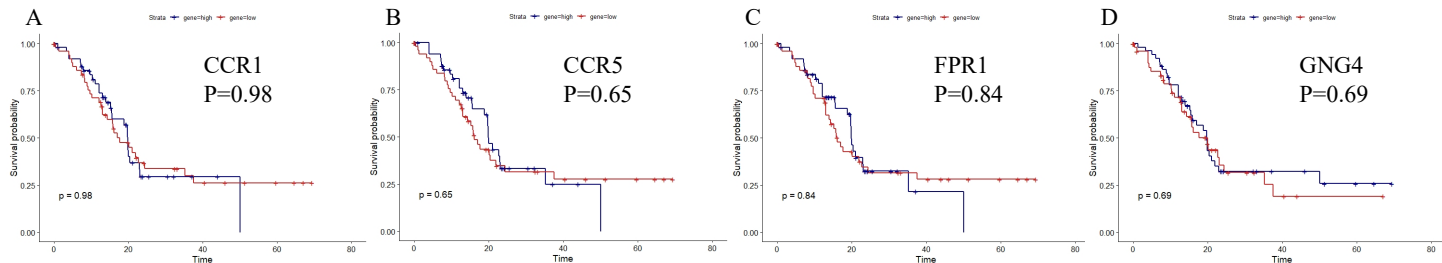


Fig.S1 The analysis of TCGA data and Screening for target genes. **a-d** Survival analysis of the remaining 4 hub genes except HTR1D. **e-f** The heatmap for differentially expressed miRNAs and LncRNAs of paired pancreatic cancer in TCGA database. **g-h** The volcano map for differentially expressed miRNAs and LncRNAs of paired pancreatic cancer in TCGA database. **i-p** Survival analysis of the remaining 8 selected LncRNAs except LncRNA HOXA10-AS.



Supplementary Table 1. Primers for qPCR.

| Primer name | Primer sequence(5'-3') |
|---------------------|------------------------------------|
| GAPDH | AGCCACATCGCTCAGACAC (F) |
| | GCCCAATACGACCAAATCC (R) |
| U6 | AACGCTTCACGAATTTGCGT (F) |
| | CTCGCTTCGGCAGCACA (R) |
| HTR1D | GCCTATAACCATCACCCACA (F) |
| | TCCAGAGCAATGACACAGA (R) |
| 1#Sh-HTR1D | GCATCTCTGTGTCATTGCTCT |
| 2#Sh-HTR1D | GCCAAATCTTGTGTGACATCT |
| miR-340-3p | ACACTCCAGCTGGGTCCGTCTCAGTTACTT (F) |
| | TGGTGTCGTGGAGTCG (R) |
| 340-3p mimic | UCCGUCUCAGUUACUUUAUAGC |
| | UAUAAAGUAACUGAGACGGAUU |
| 340-3p inhibitor | GCUAUAAGUAACUGAGACGGA |
| LncRNA HOXA10-AS | CCCAGTAAGCCAAAGTCAAGCC(F) |
| | CTGAGGTCAATGGTGCAAAGG(R) |
| Sh-LncRNA HOXA10-AS | GTTCTGGTGCTGCCCGCGAAGGGCTGCCT |