Supplementary Material

# Supplementary Figures and Tables

## Supplementary Figures

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**Fig S1.** (A) Analysis of STEAP2 expression in GC tissue using data from the TCGA database. (B) Pan-cancer analysis of TLE4 expression (log₂(TPM+1)) in normal and tumor tissues across multiple cancer types. (C) The expression of TLE4 in MKN45 and AGS cells after transfection TLE4. Data are expressed as the mean ± SEM. \**p* < 0.05, \*\**p* < 0.01, \*\*\**p* < 0.001.



**Fig S2.** (A) Analysis of miR-362-5p expression in HCC tissues and paired adjacent normal tissues by using ENCORI database. (B) Analysis of TLE4 expression in HCC tissues and paired adjacent normal tissues by using GEPIA database.

## Supplementary Tables

**Table S1. Primer Sequences and RNA Constructs Used in the Experiment**

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| --- | --- |
| Primer | Sequence |
| hsa-TLE4 | F: GTTTCCGAGGTGCTGAGAAGR: TAATCGGGGCATCTTTCTTG |
| mmu-TLE4 | F: CCATCAGCCAGTTTCCGAGGTGR: GCGTGTCTTGTCTAGGCCAT |
| GAPDH | F: TCCTGCACCACCAACTGCTR: GTCAGATCCACGACGGACACA |
| U6 | F: CAGCACATATACTAAAATTGGAACG |
| mmu-miR-362-5p | F: AATCCTTGGAACCTAGGTGTGAAT |
| hsa-miR-362-5p | F: ATCCTTGGAACCTAGGTGTGAGT |
| hsa-miR-362-5p mimics | F: AAUCCUUGGAACCUAGGUGUGAGUR: UCACACCUAGGUUCCAAGGAUUUU |
| hsa-miR-362-5p inhibitors | F: ACUCACACCUAGGUUCCAAGGAUU |
| hsa-miR-362-5p NC | F: CAGUACUUUUGUGUAGUACAA |
| hsa-miR-362-5p antagomir | F: ACUCACACCUAGGUUCCAAGGAUU |
| hsa-miR-362-5p antagomir NC | F: UUCUCCGAACGUGUCACGUTTR: ACGUGACACGUUCGGAGAATT |