

**Role and mechanism of Circ_001024 endogenous competition for miR-145-3p
targeting to regulate GLUT5 in RCC**

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Supplementary Materials

Table S1: The human renal epithelial cell line HK2 and renal cell carcinoma (RCC) cell lines (786-O, ACHN, A498) were obtained from [source]

Cells	Sources
HK-2	Wuhan Procell Life Science & Technology Co., Ltd. (Catalog Number: CL-0109)
786-O	Wuhan Procell Life Science & Technology Co., Ltd. (Catalog Number: CL-0010)
ACHN	Wuhan Procell Life Science & Technology Co., Ltd. (Catalog Number: CL-0021)
A498	Wuhan Procell Life Science & Technology Co., Ltd. (Catalog Number: CL-0254)

Table S2: Lentiviral vector sequence

Genes	primer sequences (5'-3')
Sh1-CircRNA_001024	GTGGCTAGAACTGGAATATAT
Sh2-CircRNA_001024	GGCTAGAACTGGAATATATAT
Sh3-CircRNA_001024	GCTAGAACTGGAATATATATG
miR-145-3p mimics	GGAUUCUGGAAAUACUGUUCU
NC miR-145-3p	UCACAACCUCCUAGAAAGAGUAGA

Table S3: Gene Primer Sequences

Genes	primer sequences (5'-3')
CircRNA_001024	Forward: TGTATTGTGCCGTGGCTAGAACTG Reverse: GCTTTGCCGAGTAGAGTCCTCAC
RNF115	Forward: CGGCAGTCGGATAGACAATAC Reverse: TGTCAGGACGAGAACTTCCTC
miRNA-145-3p	Forward: AGGCGCATGGATTCCTGGAAATA Reverse: ATCCAGTGCAGGGTCCGAGG
miRNA-145-3p RT	Forward: GTCGTATCCAGTGCAGGGTCCGAGG Reverse: TATTCGCA CTGGATACGACAGAACA
GAPDH	Forward: AAGGTCAAGGTCGGAGTC Reverse: GAAGATGGTGATGGGATTTC

U6

Forward: TGGAACGCTTCACGAATTTGCG

Reverse: GGAACGATACAGACAACATTAGC

Table S4: Probe Sequences for FISH and RNA Pull-Down Assays

probes	primer sequences (5'-3')
hsa_circ_0000125 FISH Probe	TATATTCCAGT+TCTAGCCACGGCAC
hsa-miR-145-3p FISH Probe	AGAACAGTAT+TTCCAGGAA+TCC
hsa_circ_0000125 Pull down-probe	TATATTCCAGTTCTAGCCACGGCAC
