

Table S1 Primer sequences used for RT-qPCR Primer

Gene name	Forward strand	Reverse strand
Magi3	CCTCGGTCACACTCATGCAGATG	GGTAGCAGCAACAATGTCCACAAC
Stat3	GAGAAGGACATCAGCGGTAAG	CAGTGGAGACACCAGGATATTG
PRKCA	GTCCACAAGAGGTGCCATGAA	AAGGTGGGGCTTCCGTAAGT
BAX	CCCAGAGAGGTCTTTTCCGAG	CCAGCCCATGATGGTTCTGAT
MCL1	TGCTTCGGAAACTGGACATCA	TAGCCACAAAGGCACCAAAAG
BCL2	CATCCCAGCCTCCGTTAT	GTGGCCTTCTTTGAGTTCG
MYC	GGCTCCTGGCAAAGGTCA	CTGCGTAGTTGTGCTGATGT
MMP2	TACAGGATCATTGGCTACACACC	GGTCACATCGCTCCAGACT
MMP9	TGTACCGCTATGGTTACACTCG	GGCAGGGACAGTTGCTTCT
GAPDH	TCTGATTTGGTCGTATTGGG	GGAAGATGGTGATGGGATT
Twist1	GGCTCAGCTACGCCTTCTC	TCCTTCTCTGAAACAATGACA
MCL1-P1	GCGAGTAGCGAGGAACAC	GGGATTATTGGCATGAGG
MCL1-P2	CCAGATGGCCTGAAGTAA	TTGGGATAGGTGGTGAAG
MCL1-P3	CTGTAGTGAGCCGAGAT	TCCATAGTCTTTGGTGCT
MCL1-P4	TCGTGGCTACCTCTGTGC	CCCCAACTATGCCCTCTT
MCL1-P5	CTGCTCGCCACTTCTCAC	CCTTCTCCGTAGCCAAAA
MCL1-P6	CCGTCCGTACTGGTGTTA	ATCATGTGCCCCGAAGAG
MCL1-P7	GCTTCGGAAACTGGACAT	TTAGCCACAAAGGCACCA
MCL1-P8	GGCACCGCCTTAGGAATT	ATGACGCACGGCTGTTTG
MMP2-P1	CCCAAATTTCAAATGC	ATAGCCAGAGAGCCAAG
MMP2-P2	TGCCCCCACAAGTATA	GTCAGTAAGGACCAGCC
MMP2-P3	CACCCAGCACTCCACCT	AACGCCTGACTTCAGCC
MMP2-P4	GCTCCTCCCCTTTTAG	CGACCTCTGGTCATCCT
MMP2-P5	TGGTTCCAACTGCTCTA	TACCTCTTCTCTCTGC
MMP2-P6	CCGCTGCTCTCTAACCT	CCCCTTGCTCTCTCTCG
MMP2-P7	AGTGAGGAGGGGCGAGT	AGCCATCAGGGAAACAA
MMP2-P8	CCCAAATTTCAAATGC	ATAGCCAGAGAGCCAAG

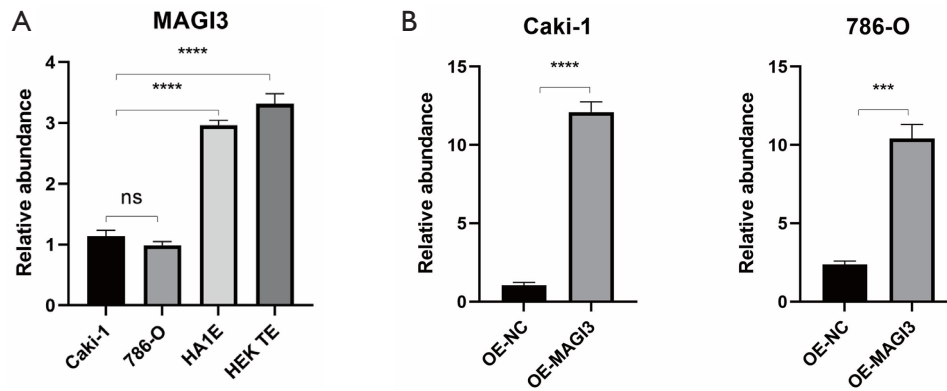


Figure S1 (A) The expression level of MAGI3 in four Kidney-associated cells, MAGI3 expression was significantly upregulated in normal cell lines compared to cancer cell lines. (B) MAGI3 expression was markedly elevated following MAGI3 overexpression. ***, $P<0.001$; ****, $P<0.0001$; ns, no significance.

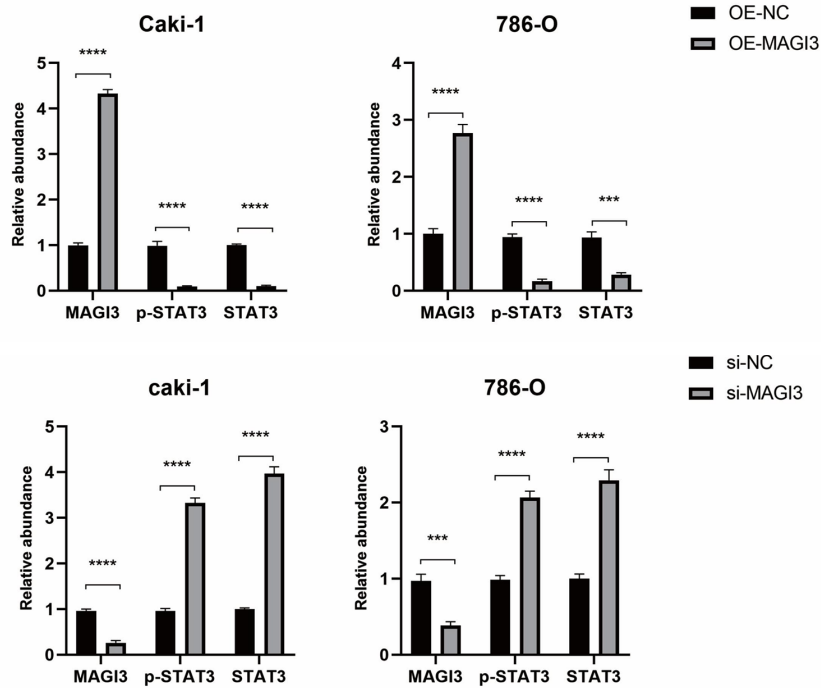


Figure S2 MAGI3 overexpression in Caki-1/786-O cells significantly decreased STAT3 and p-STAT3, while knockdown conversely increased them. ***, $P<0.001$; ****, $P<0.0001$.