

CUL4B promotes bladder cancer metastasis and induces epithelial-to-mesenchymal transition by activating the Wnt/ β -catenin signaling pathway

SUPPLEMENTARY MATERIALS

Supplementary Table 1: Primer sequences of qRT-PCR

Gene	Primer sequence (5' - 3')
CUL4B	Forward: 5'-TGCTGCTCAGGAGGTCAGATC-3' Reserse: 5'-TGGAAATCAAAGTCTTCTCTCTCGTT-3'
cyclinD1	Forward: 5'-GCCCTCGGTGTCCTACTTC-3' Reserse: 5'-CTCCTCCTCGCACTTCTGTT-3'
β -catenin	Forward: 5'-GCCAGTGGATTCCGTAATGT-3' Reserse: 5'-GAGCTTGCTTTCTGATTGC-3'
GSK3 β	Forward: 5'-GACGCTCCCTGTGATTIATGC-3' Reserse: 5'-GTTAGTCGGGCAGTTGGTGTAT-3'
c-myc	Forward: 5'-TTCGGGTAGTGGAAAACCAG-3' Reserse: 5'-CAGCAGCTCGAATTTCTTCC-3'
MMP7	Forward: 5'-AGATGTGGAGTGCCAGATGT-3' Reserse: 5'-TAGACTGCTACCATCCGTCC-3'
E-cadherin	Forward: 5'-AAGGCACGCCTGTCGAAGCA-3' Reserse: 5'-ACGTTGTCCCGGTGTCATCCT-3'
N- cadherin	Forward: 5'-TGCGCGTGAAGGTTTGCCAGT-3' Reserse: 5'-TGGCGTTCTTTATCCCGGCGT-3'
Vimentin	Forward: 5'-ACCGCACACAGCAAGGCGAT-3' Reserse: 5'-CGATTGAGGGCTCCTAGCGGTT-3'
ZEB1	Forward: 5'-ACCTCTTACAGGTTGCTCCT-3' Reserse :5'-AGTGCAGGAGCTGAGAGTCA-3'
ZEB2	Forward: 5'-AAATGCACAGAGTGTGGCAAGG-3' Reserse: 5'-CTGCTGATGTGCGAACTGTAGGA-3'
Snail	Forward: 5'-ACCACTATGCCGCGCTCTT-3' Reserse: 5'-GGTCGTAGGGCTGCTGGAA-3'
GAPDH	Forward: 5'-AACGGATTTGGTTCGTATTGGG-3' Reserse: 5'-TCGCTCCTGGAAGATGGTGAT-3'

qRT-PCR, quantitative real-time polymerase chain reaction.