

Supplementary Table S1. Identification and sequence of the primers used for qPCR.

Expression Product	Gene ID	Expression primer sequence (5' - 3')
CLAUDIN-5	100684266	Forward: CCTTTGTGTTTCTGCTCTCTGA Reverse: CCCAGTGTCTCCAGTGACTCA
PSMA	476775	Forward: TCGATTGCACCCCACTGAT Reverse: GGGCTTTGGAGCTCCTTTGT
ACTB	487218	Forward: TACAGCTTCACCACCACTGC Reverse: CTTCTCCATGTCGTCCCAGT
GAHPD	403755	Forward: CATCAACGGGAAGTCCATCT Reverse: TACTCACCACCAGCATCACC
HPRT	442945	Forward: CGGCTTGCTCGAGATGTGAT Reverse: GCACACAGAGGGCTACGATGT
RPL8	475130	Forward: CCATGAATCCTGTGGAGC Reverse: GTAGAGGGTTTGCCGATG
RPS19	476450	Forward: CCTTCCTCAAAAAGTCTGGG Reverse: GTTCTCATCGTAGGGAGCAAG
RPS 5	476366	Forward: TCACTGGTGAGAACCCCCT Reverse: CCTGATTCACACGGCGTAG

Supplementary Table S2. Specification of the immunohistochemistry protocol used in this research.

Antibody	Clone	Peroxidase Blockage	Concentration	DAB
Ki-67	Clone MIB-1(Dako Ominis, Santa Clara, CA)	1 hour	1: 50	5min
CLAUDIN-5	Monoclonal mouse anti-human antibodies (Zymed Inc, San Francisco, CA, USA)	1 hour	1:200	1min
PSMA	Anti-human mouse (Novus Biological, Littleton, CO)	30 min	1:2000	1min

PSMA= Prostatic specific membrane antigen.