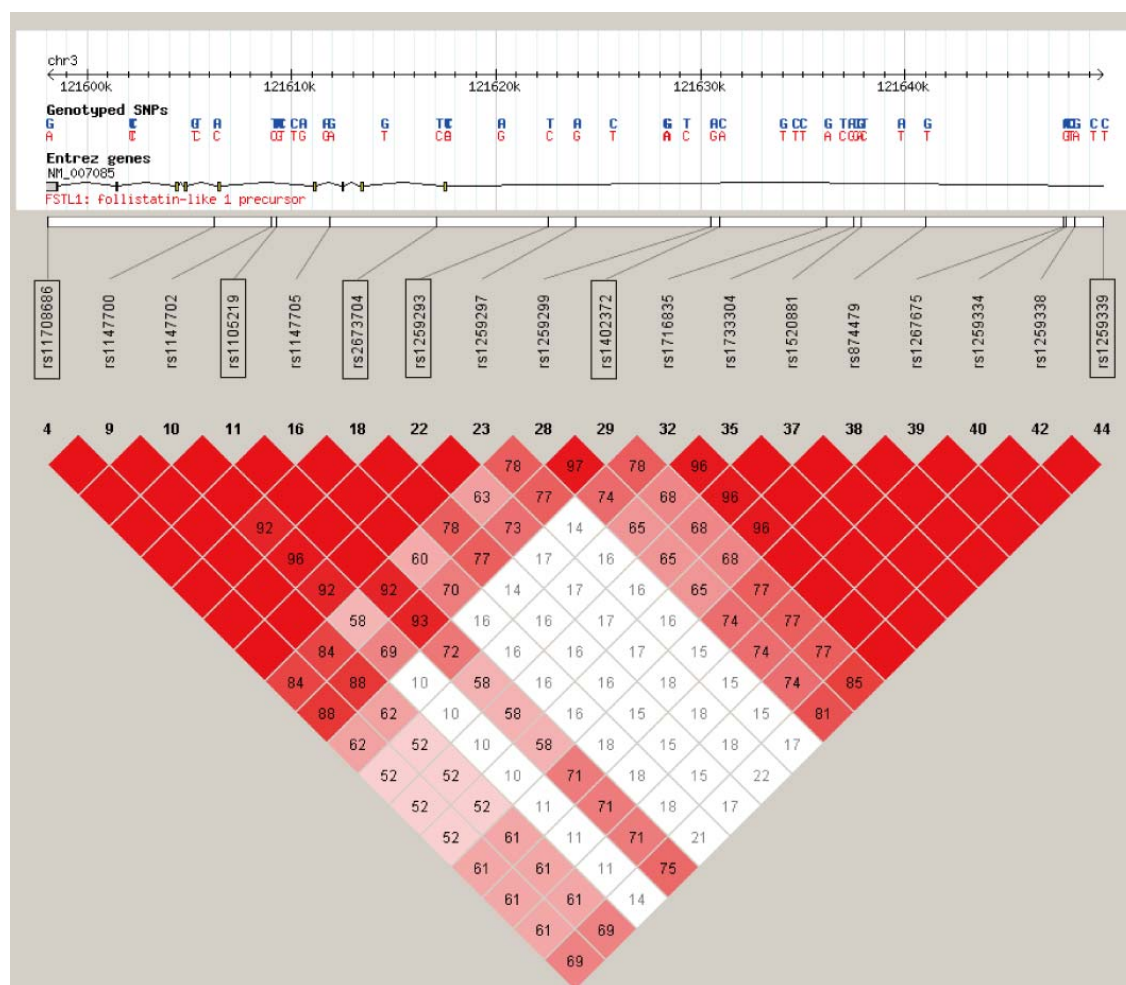


Supplementary materials

A genetic polymorphism affects the risk and prognosis of renal cell carcinoma: association with follistatin-like protein 1 expression

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Supplementary Figure 1.



Supplementary Figure 1. Haploview linkage disequilibrium plot and identification of haplotype block in the follistatin-like protein 1 (FSTL1) gene.

The positions of the SNPs within exons, introns, and 3'-untranslated region of FSTL1 gene are shown above the plot. Pairwise linkage disequilibrium (LD) coefficients $D' \times 100$, indicating extent of LD between SNPs, are shown in each square (D' values of 1.0 are not shown). A standard Haploview color scheme was applied for the LD color display. Higher color intensity of the squares indicates higher LD between SNPs. The inverted black triangle represents a single haplotype block.

Supplementary Table 1. Primers and probes for selected SNP genotyping.

Polymorphisms	Primer sequences (5'-3')	Probe sequences (5'-3')
rs11708686	Forward: GGTCTGTCATGCTGACGGC Reverse: CGGAGGAGAGGTTTGGGAA	FAM-AAGAGGCTGGAAGCAGAGAgCGTTCC-BHQ HEX-AAGAGGCTGGAAGCAGAGAAaCGTTC-BHQ
rs2673704	Forward: ATCTTCCCCCATAACCCTTC Reverse:AGCATATAAACCCCTATGCTTATAGTAACATAGA	FAM-CCAGCGTTAACAATTTGgTACATGTTCCA-BHQ HEX-CCAGCGTTAACAATTTGaTACATGTTCC-BHQ
rs1259293	Forward: GCAAGCAAATGGAGAAGCAAG Reverse: CAGAGACTCAGATGCACGATCAC	FAM-TTGCAAAACcACCAGTAG-MGB HEX-TTTGCAAAACtACCAGTAGA-MGB
rs1259339	Forward: AATTGAGGCTTCTTGGTGCTTT Reverse:TTTACTACAGAGGCTCTGGCTTCTT	FAM-CTTTTCTGCaACCAT-MGB HEX-TTTTCTGCgACCATAA-MGB
rs1105219	Forward: CAGCATGTAAGACTCTGATAATCATCAA Reverse:AAATCCCCTCTTCCCAGACACT	FAM-TGTTTTCTCCTGTTAGaCA-MGB HEX-CTGTTAGgCACTGCC-MGB
rs1402372	Forward:AAACCTTTTAAACAGACACACTTGGA Reverse: CCACAAATTTTCCCATCCCATA	FAM-AACAGGcCTAAACTG-MGB HEX-AACAGGaCTAAACTGT-MGB

Abbreviation:FSTL1=follistatin-like 1; SNP=single-nucleotide polymorphism; FAM=6-carboxyfluorescein; HEX=6-hexachloro-fluorescein; BHQ=Black Hole Quencher ; MGB=minor groove binder.