

STAT1 inhibits bladder cancer

Supplementary Table 1. List of primers for RT-qPCR

Gene name	Primers of qPCR
STAT1	F: 5'-CAGCTTGACTCAAAATTCCTGGA-3' R: 5'-TGAAGATTACGCTTGCTTTTCCT-3'
SOCS1	F: 5'-GACGCCTGCGGATTCTAC-3' R: 5'-AGCGGCCGGCCTGAAAG-3'
SOCS3	F: 5'-CTTTACCACCGACGGAACCT-3' R: 5'-GAACTCCCGAATGGGTCCAG-3'
GAPDH	F: 5'-AGAAGGCTGGGCTCATTTG-3' R: 5'-AGGGGCCATCCACAGTCTTC-3'

Supplementary Table 2. The sequence of STAT1 gene

Gene name	Sequence (5'-3')
STAT1	CAGAGCTCGTTTAGTGAACCGTCAGATCGAATTCGCCACCATGTCTCAGTGGTACGAACTTCAGCAGCTT- GACTCAAAATTCCTGGAGCAGGTTACCAGCTTTATGATGACAGTTTTCCCATGGAATCAGACAGTACCTG- GCACAGTGGTTAGAAAAGCAAGACTGGGAGCACGCTGCCAATGATGTTTCATTTGCCACCATCCGTTTTCAT- GACCTCCTGTACAGCTGGATGATCAATATAGTCGCTTTTCTTTGGAGAATAACTTCTTGCTACAGCATAACATA- AGGAAAAGCAAGCGTAATCTTCAGGATAATTTTCAGGAAGACCCAATCCAGATGTCTATGATCATTTACAGCT- GTCTGAAGGAAGAAAGGAAAATCTGGAAAACGCCAGAGATTTAATCAGGCTCAGTCGGGGAATATTACAGAG- CACAGTGATGTTAGACAAAACAGAAAGAGCTTGACAGTAAAGTCAGAAATGTGAAGGACAAGGTTATGTGTATA- GAGCATGAAATCAAGAGCCTGGAAGATTTACAAGATGAATATGACTTCAAATGCAAAACCTTGCAAGACAGAGAA- CAGGAGACCAATGGTGTGGCAAAGAGTATCAGAAACAAGAACAGCTGTTACTCAAGAAGATGATTTAAT- GCTTGACAATAAGAGAAAGGAAGTAGTTCCAAAAATAATAGAGTTGCTGAATGTCACTGAACCTACCCAGAAT- GCCCTGATTAATGATGAACTAGTGGAGTGAAGCGGAGACAGCAGAGCGCCTGTATTGGGGGGCCGCCAAT- GCTTGCTGGATCAGCTGCAGAACTGGTCACTATAGTTGCGGAGAGTCTGCAGCAAGTTCGGCAGCAGCT- TAAAAAGTTGGAGGAATTGGAACAGAAATACACCTACGAACATGACCCTATCACAAAAACAACAAGTGT- TATGGGACCGCACCTTCAGCTTTTCCAGCAGCTCATTAGAGCTCGTTTGTGGTGAAGACAGCCCTGCAT- GCCAACGCACCCTCAGAGGCCGCTGTCTTGAAGACAGGGGTCCAGTTCAGTGTGAAGTTGAGAGATGT- GAATGAGAGAAATACAGTAAAAGGATTTAGGAAGTTCAACATTTTGGGCACGCACACAAAAGTGATGAACATG- GAGGAGTCCACCAATGGCAGTCTGGCGGTGAATTTCCGCACCTGCAATTGAAAGAACAGAAAAATGCTG- GCACCAGAACAATGAGGGTCTCTCATCGTTACTGAAGAGCTTCACTCCCTAGTTTTGAAACCAATTGTGC- CAGCCTGGTTTGGTAATTGACCTCGAGACGACCTCTCTGCCGTTGTGGTGATCTCCAACGTGAGCCAGCTCCC- GAGCGTTGGGCCTCCATCCTTTGGTACAACATGCTGGTGGCGGAACCCAGGAATCTGTCCTTCTTCCT- GACTCCACCATGTGCACGATGGGCTCAGCTTTTCAAGAAGTGTGAGTTGGCAGTTTTCTTCTGTCACCAAAAAGAG- GTCTCAATGTGGACCAGCTGAACATGTTGGGAGAGAAGCTTCTTGGTCTAACGCCAGCCCCGATG- GTCTCATTCCGTGGACGAGTTTTTGAAGGAAAATAAATGATAAAAATTTCCCTTCTGGCTTTGGATT- GAAAGCATCCTAGAACTCATTAAAAAACCTGCTCCCTCTCTGGAATGATGGGTGCATCATGGGCTTCATCAG- CAAGGAGCGAGAGCGTCCCTGTTGAAGGACCAGCAGCCGGGACCTTCTGCTGCGGTTCAAGTGAAGAGCTC- CCGGAAGGGGCCATCACATTCATGAGGTGGAGCGTCCCAGAACGGAGGCGAACCTGACTTCCATGCG- GTTGAACCTACACGAAGAAAGAAGTCTGCTGTTACTTTCCCTGACATCATTGCAATTACAAAGTCATGGCT- GCTGAGAATATTCTGAGAATCCCTGAAGTATCTGTATCCAATATTGACAAAGACCATGCTTTGGAAAGTAT- TACTCCAGGCCAAAGGAAGCACCAGAGCCAATGGAAGTGTGATGGCCCTAAAGGAACTGGATATATCAAGACT- GAGTTGATTTCTGTGCTGAAGTTCACCCCTTAGACTTCAGACCACAGACAACCTGCTCCCATGCTCCTGAG- GAGTTTGACGAGGTGTCTCGGATAGTGGGCTCTGTAGAATTCGACAGTATGATGAACACAGTAGAATTCGACTA- CAAGGATGACGATGACAAGGATTACAAAGACGACGATGATAAGGACTATAAGGATGATGACGACAAAATAAGG