

Figure S1. Expression of stemness-associated transcription factors in CD24+ESA+ and CD24-ESA- PANC-1 cells. **A**, Expression of several stemness-associated transcription factors were examined in CD24+ESA+ and CD24-ESA- PANC-1 cells at mRNA level by quantitative RT-PCR (mean \pm SD; n=3; *P<0.05, **P<0.01, ***P<0.001). **B**, Transcriptional activity of STAT3 in 293T. Control group was co-transfected with STAT3 luciferase reporter, Renilla plasmid and empty plasmid. Pim-3 group was co-transfected with STAT3 luciferase reporter, Renilla plasmid and Pim-3 plasmid. After 48 h, cells were harvested in passive lysis buffer and luciferase activity was assessed using a dual-luciferase assay system. Data are presented as normalized relative luciferase activity (mean \pm SD; n = 3, **p < 0.01).

Figure S1

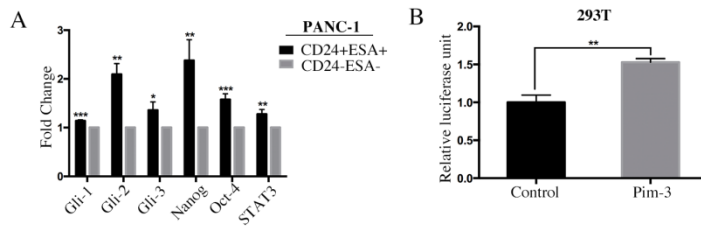


Table S1. Primer sequences for quantitative RT-PCR

	Sense (5'---3')	Anti-sense (5'---3')
BMI1	CGTGTATTGTTTCGTTACCTGGA	TTCAGTAGTGGTCTGGTCTTGT
CD24	CTCCTACCCACGCAGATTTATTC	AGAGTGAGACCACGAAGAGAC
CD34	AATCAGCACAGTGTTCACCAC	TGCCCTGAGTCAATTTCACTTC
CD44	CTGCCGCTTTGCAGGTGTA	CATTGTGGGCAAGGTGCTATT
CXCR4	GGGCAATGGATTGGTCATCCT	TGCAGCCTGTACTTGTCCG
ESA	AATCGTCAATGCCAGTGTACTT	TTCATCGCAGTCAGGATCATAA
Gli-1	GGGTGCCGGAAGTCATACTC	GCTAGGATCTGTATAGCGTTTGG
Gli-2	CATGGAGCACTACCTCCGTTC	CGAGGGTCATCTGGTGGTAAT
Gli-3	GAAGTGCTCCACTCGAACAGA	GTGGCTGCATAGTGATTGCG
Nanog	CCCAGCCTTTACTCTTCTTA	CCAGGTTGAATTGTTCCAGGTC
Oct-4	CTTGAATCCCGAATGGAAAGGG	GTGTATATCCAGGGTGATCCTC
Pim-3	AAGGACGAAAATCTGCTTGTGG	CGAAGTCGGTGTAGACCGTG
STAT3	ATCACGCCTTCTACAGACTGC	CATCCTGGAGATTCTCTACCACT
GAPDH	ACAACCTTGGTATCGTGGAAGG	GCCATCACGCCACAGTTTC