

Polycomb repressor complex 1 promotes gene silencing through H2AK119 mono-ubiquitination in acinar-to-ductal metaplasia and pancreatic cancer cells

Supplementary Materials

Supplementary Table S1: Primer sequences of genes

qRT-PCR Primer		
Gene	forward 5'-3'	reverse 5'-3'
<i>Amylase</i>	TCCACCTGTTTGAGTGGCGCTGGGT	TGGGTGGAGAGACCTGCACACCTGC
<i>Bmi1</i>	GGCTCCAATGAAGACCGAGG	ATCATTACCTCTTCCTTAGGCT
<i>Hes1</i>	AAAATTCCTCCTCCCCGGTG	TTTGGTTTGTCCGGTGTGCG
<i>Mist1</i>	TCCCCAGTTGGAAGGGCCTCA	TCCTGCATGGGTGTTCCGGCG
<i>Ptfla</i>	CTTGCAGGGCACTCTCTTTC	CGATGTGAGCTGTCTCAGGA
<i>Rbpj</i>	GAGGGCGCGTCCCAAAACCC	AAACTTCCCCGCCGATGGAGC
<i>Rbpjl</i>	GTATCGAAGTCAGTGGCGGT	GCAGGCTCAGGTGAGTCAAA
<i>Ring1b</i>	GTTGATTCTCGAGTCTCGCTC	TGAGACATTTCCGGCTCCTGC
<i>Gata6</i>	GAAGCGCGTGCCTTCATC	GTAGTGGTTGTGGTGTGACAGTTG
<i>Ppib</i>	GGAGCGCAATATGAAGGTGC	CTTATCGTTGGCCACGGAGG
ChIP Primer		
Promoter	forward 5'-3'	reverse 5'-3'
<i>Bmi1 P1</i>	CGGTGACTGTACGTTAGCCT	TCAGCTCATCCCACAGCAAA
<i>Bmi1 P2</i>	TGTGGTGGCAGTTCAAGCTA	CTCCCTAGTGTACTTAGGACCA
<i>Bmi1 P3</i>	GCCCTTTGGTGGGAACCTTGA	TGAAACCACAGGCTCTTTCCT
<i>Ptfla</i>	GGACCAGATCCGACCCTACT	CCGCTCCTACGTTCTTTGGT
<i>Rbpj</i>	CCCAACCTCGGCACTCAATG	ATGCCACTGATTCCCTACTGG
<i>Rbpjl</i>	GTCGACACCGAATGAACCA	GATTCGGGCTTCATCCCTCC
<i>Gata6</i>	GCGAGGTAGGAATACACAAGG	GTAGTGGTTGTGGTGTGACAGTTG