

The ETS factor ESE3/EHF represses IL-6 preventing STAT3 activation and expansion of the prostate cancer stem-like compartment

Supplementary Materials

Supplementary Table S1: Primer sets for qRT-PCR and ChIP experiments

Assay	Gene/Region	Sequence 5' to 3'	Primer Name
qRT-PCR	<i>IL6</i>	ccacacagacagccactcac	IL6 LEFT
qRT-PCR	<i>IL6</i>	ttcagccatctttggaagg	IL6 RIGHT
qRT-PCR	<i>IL6</i>	agtgaggaacaagccagagc	IL6 set3 LEFT
qRT-PCR	<i>IL6</i>	agatgcaataaccaccctg	IL6 set3 RIGHT
qRT-PCR	<i>Stat3</i>	ggaggagttgcagcaaaaag	STAT3 LEFT
qRT-PCR	<i>Stat3</i>	gattctctctccagcatcg	STAT3 RIGHT
qRT-PCR	<i>Lin28A</i>	agcatgcagaagcgcagatcaa	Lin28A LEFT
qRT-PCR	<i>Lin28A</i>	agagcatcagccatattggtagc	Lin28A RIGHT
qRT-PCR	<i>Lin28B</i>	gccccttggatattccagtc	Lin28B LEFT
qRT-PCR	<i>Lin28B</i>	cttccaaaggccttgagtea	Lin28B RIGHT
qRT-PCR	<i>BMI-1</i>	tcaccttctgctgatgctg	BMI-1 LEFT
qRT-PCR	<i>BMI-1</i>	ccgatccaatctgttctggt	BMI-1 RIGHT
qRT-PCR	<i>NANOG</i>	cagtctggacactggctgaa	NANOG LEFT
qRT-PCR	<i>NANOG</i>	ctcgctgattagctccaac	NANOG RIGHT
qRT-PCR	<i>POU5F1</i>	agcgatcaagcagcgactat	POU5F1 LEFT
qRT-PCR	<i>POU5F1</i>	tagcctgggtaccaaaatg	POU5F1 RIGHT
qRT-PCR	<i>β-ACTIN</i>	attggcaatgagcgggtc	β-ACTIN LEFT
qRT-PCR	<i>β-ACTIN</i>	ggatgccacaggactccat	β-ACTIN RIGHT

Assay	Gene/Region	Sequence 5' to 3'	Predicted EBS	Primer Name
Real Time- ChIP	<i>IL6 EBS1</i>	acagctgggaagacgagaaa	-550 -557	IL6_EBS1 LEFT
Real Time- ChIP	<i>IL6 EBS1</i>	ggaagttcgtgtcatgataaaa	-550 -557	IL6_EBS1 RIGHT
Real Time- ChIP	<i>GAPDH</i>	tcctctgtttcatccaagc	None	GAPDH_LEFT
Real Time- ChIP	<i>GAPDH</i>	tagtagccgggcctacttt	None	GAPDH_RIGHT