

Table S2. Primers and siRNA used.

A) RT-PCR/RT-qPCR OLIGO SEQUENCES

Gene code	Use <i>(except indicated, used for both PCR and qPCR)</i>	Forward primer (5'→ 3')	Reverse primer (5'→ 3')
Yy2	* RT-PCR	GCATGAGACCCAAAAAGCCAAAAGGAGA	CAGGCATCAAATGGACACACGAAAGGTT
Yy2	* RT-qPCR	CGTTCAGACACGAGAGGAGG	CGCCAGAAAGCCCGTAAAAG
Yy1		TCGCCTGATCGACCTAGAAC	CATAGGGCCCACGACTTAAA
Rex1		AAGCCGTATCAGTGCACGTTCGAAGGCT	ATGCGTGTATCCCCAGTGCCTCTGTCAT
Zscan4		GAGATTTCATGGAGAGTCTGACTGATGAGT	GCTGTTGTTTCAAAGCTTGATGACTTC
MERVL		TTTCTCAAGGCCCACCAATAGT	GACACCTTTTTTAACTATGCGAGCT
IAP		TCAAGGACAGGGTATTGTTG	TCGGGTGAGTCTTTCTGGTAC
Oct4		GGCGTTCTCTTTGGAAAGGTGTTC	CTCGAACCACATCCTTCTCT
Nanog		CACCCACCCATGCTAGTCTT	ACCCTCAAACCTCCTGGTCCT
Sox2		TAGAGCTAGACTCCGGGCGATGA	TTGCCTTAAACAAGACCACGAAA
Esrrb		TGAGATCACCAAACGGAGGC	AATCCAGCCGTCGCTTGTAC
H2afZ		CGTATCACCCCTCGTCACTT	AAGCCTCCAACCTTGCTCAAA
Gapdh		CATACCAGGAAATGAGCTTG	ATGACATCAAGAAGGTGGTG

B) SEQUENCES of siRNAs

Gene	siRNA name	Forward primer (5'→ 3')	Reverse primer (5'→ 3')
Rex1	siRex1	CGAGUUCCCUUCUCGAGUCUUCUU	AAGAAGACUCGAGAAGGGAACUCG
Yy2	siYy2 (Stealth5)	CCAAGACCUAUAGCAUGCUCUCAUA	UAUGAGAGCAUGCUAUAGGUCUUGG
Yy2	Stealth6	CACAGUCAACAAACCUGAAAUCGCA	UGC GAUUUCAGGUUUGUUGACUGUG