

Appendix A Lin28B promoter region different length PCR amplification primers

Primer	Primer sequence (5'-3')	Enzyme sites	Location	Usage
Lin28B-P0-F	acttggcagtacatc <u>TACGT</u> AGAATGGGTTCTGTGAGGGCATC	<i>Sna</i> B I	-1863	N1-EGFP
Lin28B-P0-R	tcgactgcagaattcg <u>AAGCTT</u> TGTGCTCTTCTGCTTTAACCCAACATC	<i>Hind</i> III	+99	N1-EGFP
Lin28B-P1	atttctctatcgata <u>GGTAC</u> CGAATGGGTTCTGTGAGGGCATC	<i>Kpn</i> I	-1863	pGL3-basic
Lin28B-P2	atttctctatcgata <u>GGTAC</u> CAAGGTTGGGACCATTTGATGGG	<i>Kpn</i> I	-1431	pGL3-basic
Lin28B-P3	atttctctatcgata <u>GGTAC</u> CAAGCCGCTCGCCGAAGTAA	<i>Kpn</i> I	-1034	pGL3-basic
Lin28B-P4	atttctctatcgata <u>GGTAC</u> CAACAATCGCCGCCGCC	<i>Kpn</i> I	-492	pGL3-basic
Lin28B-P5	agtaccggaatgcc <u>AAGCTT</u> TGTGCTCTTCTGCTTTAACCC	<i>Hind</i> III	+99	pGL3-basic

Note: The underlined are restriction enzyme cutting sites, and the lowercase are carrier homology arms.

Appendix B Related primers of ChIP-qPCR for β -catenin/TCF7L2 and H3K4me2 enrichment in promoter of

Lin28B

Primes	Sequence (5'-3')
<i>Lin28B</i> - P1	F: GAGCCGATAACATCTGACA
	R: TGCTCAAGCCCATCAAAT
<i>Lin28B</i> -P2	F: ACTTCCAGCCAGTGTGTG
	R: TACTTCGGCGAGCGGCTTCCTG
<i>Lin28B</i> - P3	F: CGGAGAAACCTGTGAAGC
	R: TTTCGGCAGCTACCCAC

Appendix C qRT-PCR primers sequence of related genes

Name	Sequence (5'-3')
<i>Lin28B</i>	F: CGGTTGATGTCTTTGTGC
	R: CCTTTGGGTCGTCTTTCA
β -actin	F: CAGCCATCTTTCTTGGGTAT
	R: CTGTGATCTCCTTCTGCATCC