Supplementary Information

Table S1 The shRNA sequences for knockdown of DCLK1

shRNA		Sequence (5'-3')
sh-DCLK1 #1	sense	GATCCGCCACCATGTCAGTGTCTTCAAGAGACAG ACGACTCATGGTGCTTTTT
	anti-sense	AATTCAAAAAACTCATGGTGCTGACAGTGTCTTCT CTTGAAAGACAGACACTCATGGTG
sh-DCLK1 #2	sense	GATCCGCACATCTTCAAAGTGTCTTCAAGAGACA GACACTTTGAATGATGTTTTT
	anti-sense	AATTCAAAAAACATCTTCAAAGACAGACACTTTGA ATGATGTGTGCTTTTT

Table S2 Primers for real-time PCR analysis

Gene		Sequence (5'-3')
DCLK1	forward	CAGCAACCAGGAATGTATTGGA
	reverse	CTCAACTCGGAATCGGAAGACT
c-Myc	forward	CAACTCGTTCGTGGTAGTGTGG
	reverse	TGGATGCTGCATGAGTGACCT
OCT4	forward	GGGGTGCGCTCTGTCTTTGC
	reverse	GGCATTTTCTTTCCCTCAGGACAG
NANOG	forward	CTGGAGCTCTTCAGCATTAC
	reverse	CAAATGTGATAGGTGATTTGT
SOX2	forward	GGAAGGAGAAGTGGGAGC
	reverse	CAGGCTGGGCTCTGTTT
KLF4	forward	GCCTCCTCCACCTCGTGTC
	reverse	GCTTGCCTTCCCCTTCTTC
AMOT1	forward	GGAGCCATCTTCTCTGCTC
	reverse	TTGCCTTCATCCTTTGCTC
THBS1	forward	GAGATGGAGGAGGAGGATGA
	reverse	CCAGTTTCTGACTTCACACCA
CAV1	forward	GGAGCAGGAAAGACAAAGG
	reverse	TTTGTAGGTGGATCTGCTC
BIRC5	forward	AGGACCACCGCATCTCTACAT
	reverse	AAGTCTGGCTCGTTCTCAGTG
AREG	forward	CTGGTGATGACACTGGAAAC

	reverse	CTCTGGTTTGCTGTCTTTGC
ID2	forward	GCAAATGTCTGGTGGATGGA
	reverse	GCTCAGATAGTTGAGGTGGTGAA
CCN2	forward	CAGCATGGACGTTCGTCTG
	reverse	AACCACGGTTTGGTCCTTGG
CTGF	forward	GCCTGGTGCTGAGGAAATGA
	reverse	CCAGTGTCTCCTTTCATCAGC
WWTR1	forward	GGACAGGAAGATGGTGGTGA
	reverse	CCAGTCCTTCTCCTCCTCC
FGF2	forward	AGCGCCTCTCTCGCATACAG
	reverse	CCAGCGTGTCCAGTTCTTCAG
GAPDH	forward	AAGGTGAAGGTCGGAGTCAA
	reverse	AATGAAGGGGTCATTGATGG