

**Supplementary Table 1**

<b>Primers (qRT-PCR)</b>		
p57 <sup>KIP2</sup>	TGTAGCAGGAACCGGAGATG	AGCTTTACACCTTGGGACCA
GAPDH	TTCACCACCATGGAGAAGGC	CCCTTTTGGCTCCACCCT
<b>Primers (Genotyping)</b>		
<b>pVector-CDK1-FKBP-2A-TagBFP Construct</b>		
	forward	reverse
CDK1-5' (CLONING CDK1 UPSTREAM SEQUENCES)	GGAGCTCAAACCTGCCCCAGTTGGAGACCACT GGATTATTG	CTGCTCCCCCATCTTCTTAATCTGATTGTCC AAGTCATCAAAG
FKBP	CAGATTAAGAAGATGGGGGGAGCAGGAGGC GTCGACGGTATC	GGACCCGCCGCTGCATAGTCCGGGACATC ATACGG
2A_TagBFP	GGACTATGCAGGCGGCGGGTCCGGAGGAGA GGGCAG	CATCCATCCAGAGGGTCAATTAAGCTTGTGC CCCAGTTTGC
DUXBL-3' (CLONING DUXBL DOWNSTREAM SEQUENCES)	GCTTAATTGACCCTCTGGATGGATGTCCCTG TCTGCTGG	GCAAAAAACAGTTTTCAGGCTGCTTCTAAGAA TTACACTAAGC
VECTOR-F	CACCGAGACAGGGACATCCATCCAG	AAACCTGGATGGATGTCCCTGTCTC
<b>Primers (Genotyping)</b>		
	forward	reverse
WT ROSA26	GCAAGCACGTTTCCGACTTG	CCTCGATGGAAAATACTCCG
DHB-H2B_ROSA26	AAGGGCATCGACTTCAAGGA	GTCTGCCTTCTCCTCACCT
<b>Primers (CRISPR targeting)</b>		
	forward	reverse
pLentiCRISPRV2_mouseCDK1-1	CACCGAGACAGGGACATCCATCCAG	AAACCTGGATGGATGTCCCTGTCTC
pLentiCRISPRV2_mouseCDK1-2	CACCGTCCCCTACGACCAGCAGACA	AAACTGTCTGCTGGTCGTAGGGGAC
pLentiCRISPRV2_mouseCDK2-1	CACCGAAAGGTGGAGAAGATTGGAG	AAACCTCCAATCTTCTCCACCTTTC
pLentiCRISPRV2_mouseCDK2-2	CACCGTGGAGAGGGCAGTACGGAG	AAACCTCCGTACGTGCCCTCTCCAC
pLentiCRISPRV2_mouseCDK2-3	CACCGAGGCATCCATGAATTTCTTG	AAACCAAGAAATTCATGGATGCCTC
pLentiCRISPRV2_humanCDK2-1	CACCGAATGTGCGACTACAGACTCG	AAACCGAGTCTGTAGTCGCACATTC
pLentiCRISPRV2_humanCDK2-2	CACCGTCAACCTAGCAACTCAGGT	AAACACCTGAGTTGCTAGGTTGAC