

Table I: Primers Used for CiA and dCas9 Recruitment Studies

Primers (Organism)	Sequences	Orientation
CiA:Oct4 -1485 (mouse)	CAGAGCATGGTGTAGGAGCA	Sense
	GCTGGCGGAAAGACACTAAG	Anti-sense
CiA:Oct4 -739 (mouse)	GCACTTCTCTGGGGTCTCTG	Sense
	ACCCACCCGTCTAGAGTCCT	Anti-sense
CiA:Oct4 -309 (mouse)	GAGCTTGCATGCCTGCAGGT	Sense
	CAGGAGGCCTTCATTTTCAA	Anti-sense
CiA:Oct4 -169 (mouse)	CTAGAGGATCCGAGGACCAATTG	Sense
	AATCCACCCCTCTAGCCTTG	Anti-sense
CiA:Oct4 +489 (mouse)	CACATGAAGCAGCACGACTT	Sense
	AGTTCACCTTGATGCCGTTT	Anti-sense
Rps29 (mouse)	GCGCAGGCGCTCTTCAAAGTTT	Sense
	CTGAGAGCGACGGGGAGATACTAG	Anti-sense
Rho (mouse)	GGCATCCATCCACCAAGACCATC	Sense
	TCCATGTTCCCTTCCATTAATCCCTTC	Anti-sense
PSMB11 (human)	TGCTCCATCCATTTGTGCTCA	Sense
	CCCTTCATCTCAGAGGACAGC	Anti-sense
RHO (human)	GGACATCCACCAAGACCTACTGAT	Sense
	ATGTTCTCCCTTCCATTCATTCC	Anti-sense