

## Supplementary Table 1. Primers

### qPCR Primers for Single ICM expression studies

Gene	Forward (5'–3')	Reverse (5'–3')
<i>Sin3a</i>	TTCCCTCTTCTGGTTCTCGGCCTC	GCTGGTGGATGGCACTAGGGC
<i>Oct4</i>	GGAAAGCAACTCAGAGGGAA	TTCTAGCTCCTTCTGCAGGG
<i>Nanog</i>	ATGCCTGCAGTTTTTCATCC	GAGGCAGGTCTTCAGAGGAA
<i>E2f1</i>	GGATGGGCTGGAGAAACAGTC	CCATAGGAAGGACGCATACCC
<i>Cyclin E1</i>	CCAGCAGTAAGAAGGAGCAGC	CCTCTCCATAGAGCACAGCATC
<i>Cyclin B1</i>	TGCCCTCCACAGTGTCTTAAATG	GTGGCATTACAAGACAGGAGTGG
<i>Mcm2</i>	GAAGGATCTGATGGACAAGGCC	GGAAGTGGGAAGTGACGTAGG
<i>p21<sup>Cip</sup></i>	AAAGTGTGCCGTTGTCTCTTCG	AGTCAAAGTTCCACCGTTCTCG
<i>Apaf1</i>	GGCTCATCTGTTCTGTAGCTGG	GTGTGAGCCACAGCCATCTTC
<i>Dram</i>	ATTGTGTGACAACTCTCTCTCTGG	TCTCGGGTACAAAGTCCAAGG

### Gene-specific forward primers for amplification of miRNA cDNAs

miRNA	Forward Primer (5'–3')
<i>miR-16</i>	ACACTCCAGCTGGGTAGCAGCACGTAAATA
<i>miR-17-5p</i>	ACACTCCAGCTGGGCAAAGTGCTTACAGTGCA
<i>miR-20a</i>	ACACTCCAGCTGGGTAAAAGTGCTTATAGTGC
<i>miR-291-3p</i>	ACACTCCAGCTGGGAAAAGTGCTTCCACTTTG
<i>miR-292-3p</i>	ACACTCCAGCTGGGAAGTGCCGCCAGGTTTT
<i>miR-293</i>	ACACTCCAGCTGGGAGTGCCGCAGAGTTTG
<i>miR-294</i>	ACACTCCAGCTGGGAAAAGTGCTTCCCTTTT
<i>miR-295</i>	ACACTCCAGCTGGGAAAAGTGCTACTACTTTT
<i>let-7a</i>	ACACTCCAGCTGGGTGAGGTAGTAGGTTG