

Table S1

Primers used for vectors construction and PCR	
Primer names	Sequences
Sall4 ARE-1 chip	F: 5'GGGAATGTGTGTGCGTGTAG3'
	R: 5'AAAATGGGGAGAAATGCGTA3'
Sall4 ARE-2 chip	F: 5'GGCTGAAAACACCACCATTCT3'
	R: 5'CACAGTGAATATTTTGGCTCA3'
Sall4 ARE-3 chip	F: 5'TTTTTACTGATGGCCACGAA3'
	R: 5'ATTCATCACGTTCCCAGCTT3'
SALL4	F: 5'TGATCCCAACGAATGTCTCA3'
	R: 5'CCCAAGGTGTGTCTTCAGGT3'
SOX2	F: 5'GCCGAGTGGAACCTTTTGTCTG3'
	R: 5'GGCAGCGTGTACTTATCCTTCT3'
NANOG	F: 5'AAGGTCCCGGTCAAGAAACAG3'
	R: 5'CTTCTGCGTCACACCATTGC3'
OCT4	F: 5'CTGGGTTGATCCTCGGACCT3'
	R: 5'CATCGGAGTTGCTCTCCAC3'
CD44	F: 5'GCAGAATGTGGACATGAAGA'
	R: 5'ATGCTAAAAAAGATTTCGCAATG3'
CD133	F: 5'ATCAGAACTGCAATCTGCACA3'
	R: 5'AGAAGATCCCTGTCACAATTCC3'
AR	F: 5'CAGGAGGAAGGAGAAAAC3'
	R: 5'GATAACAAGGCAGCAAAG3'
sall4 ARE mutation	F: 5'GGGGAGGATCCTCACATCTCAGGTTTG3'
	R: 5'GACCCGGATCCCCTCCCATCTTTTGA3'
nanog promoter pgl3 gibson	F: 5'CTATCGATAGGTACCGAGCTTACAAAACCCTAGTTCTCAT3'
	R: 5'CCAAGCTTACTTAGATCGCAGTTCTTTGCAGAAGGGGGTC3'
SOX2 promoter pgl3 gibson	F: 5'CTATCGATAGGTACCGAGCTACTTACCTCGAGGTTGTATG3'
	R: 5'CCAAGCTTACTTAGATCGCAATGTGACGGGGGCTGTCAGG3'
sh-SALL4-1	F: 5'CGCGTCCAGAGAATCCCTGTGACTTTACGGACCCGGTCGACGTCCGTAAAGTCACAGGGATTCTCTGGCATTTTTG 3'
	R: 5'CGCAAAAACCAGAGAATCCCTGTGACTTTACGGACGTCGACCGGGTCCGTAAAGTCACAGGGATTCTCTGGCATATCTA3'
sh-SALL4-2	F: 5'CGCGTCCACCAAAGGCAACTTAAAGGTTCAACCCGGTCGACGTTGAACCTTTAAGTTGCCTTTGGTGGTATTTT TG3'
	R: 5'CGCAAAAACCACCAAAGGCAACTTAAAGGTTCAACGTCGACCGGGTTGAACCTTTAAGTTGCCTTTGGTGGTATATCTA3'