Supplementary Table 8; Oligonucleotide sequences used in this study

Oligo name	Oligo sequence (5' -> 3')	Tm (ºC)	ET (s)	Polymerase
CRISPR/Cas9 SVA editing				
sgRNA 7 SVA-F	CACCGTGTTTAGTTTTACAAGACA			
sgRNA 7 SVA-R	AACTGTCTTGTAAAACTAAACAC			
sgRNA 9 SVA-F	CACCGATGTGGAAAAAAAATGTAC			
sgRNA 9 SVA-R	AAACGTACATTTTTTTTCCACATC			
Novel DSC validation				
DSCn1_A-F	GAGACAGAGTCACTATATCCTG	60	15	Phusion
DSCn1_A-R	GGATAAGAGTAAGAATACAGATGG			
DSCn1_B-F	GAATACAGATGGGCACGGTG	64	60	Primestar GXL
DSCn1_B-R	GAGACAGAGTCACTATATCCTG			
DSCn4-F	CCCGCCACCAAACCCGAGTA	60	60	Primestar GXL
DSCn4-R	AGCCGGTCGTTGTTGCGTGT			
DSCn6_inner-F	CTAGGTGTGGTGGTTCATGC	65	15	Phusion
DSCn6_inner-R	TCCGTGGCTCAAAATGATCC			
DSCn6_outer-F	GCCCGGCCATCTATTTGTTT	60	30	Phusion
DSCn6_outer-R	CGAACTCCGTGGCTCAAAAT			
DSCn6-Seq-F	GACTGTAATGTGTCTTGATGTG			
DSCn7_inner-F	AGAGGGATGAATACGTGGAGT	61	15	Phusion
DSCn7_inner-R	TTGCTGTTAGCCGAGATTGC			
DSCn7_outer-F	TGACATTCTGGAAAGGGCAA	65	30	Phusion
DSCn7_outer-R	GGTGCGGTGACTCATGACTA			
DSCr1-F	CGCCTTCCCCCTCCTTCCTA	64	60	Primestar GXL
DSCr1-R	GCACCGTTTCTCCCTCCCCT			
DSCr11_A-F	GAGACGGAATTTTACTCTCGTTG	60	15	Phusion
DSCr11_B-F	GGTACTTATTTCTCCAGCTTCG			
DSCr11-R	GTCTTGACTTCCATTCACAGG			
DSCr12-F	TGGGAGGCAAGGCAATACAG	62	60	Primestar GXL
DSCr12-R	GTTTCCAATATCCCTGAGTTCTAG			
DSCn33_A-F	TAAGAGGCAGAGTCTCGTTCTG	60	15	Phusion
DSCn33_A-R	AGAGGCTGGTGGATTACCTG			
DSCr33_B-F	GAGGCAGAGTCTCGTTCTGTCG	62	60	Primestar GXL
DSCr33_B-R	GTGTCTCAAATTAGCCGGCTGT			
DSCr33_B-Seq-R	CAGGCACAGTGGCTCACGCCT			
DSCr5-F	TTGCCCCCTTTGGGCTGCTT	64	60	Primestar GXL
DSCr5-R	GCAGAAACTGGGGAGGGGGT			
DSCr6-F	CTGCTTCCAGCGCCTCTCCT	64	60	Primestar GXL
DSCr6-R	CCCCAGATGTGTGGCTGGTGT			
DSCr7_A-F	GAATGGATTGCTTGAGCCCAG	60	15	Phusion
DSCr7_B-F	GCACCGTGGCTCATTCCTATG			
DSCr7-R	GTGTTATTGTCTGGGCATGGTG			
DSCr9-F	GAGTCTTGTTCTGTGGCCAAG	60	15	Phusion
DSCr9-R	ATTGCGCCACTACACTGCAG			
Cell model development iPSC reprogramming				
NANOG-F	CAGTCTGGACACTGGCTGAA			
NANOG-R	CTCGCTGATTAGGCTCCAAC			
OCT4-F	TGTACTCCTCGGTCCCTTTC			
OCT4-R	TCCAGGTTTTCTTTCCCTAGC			
REX1-F	TGGACACGTCTGTGCTCTTC			
REX1-R	GTCTTGGCGTCTTCTCGAAC			
SOX2-F	GCTAGTCTCCAAGCGACGAA			
SOX2-R	GCAAGAAGCCTCTCCTTGAA			
hTERT-F	TGTGCACCAACATCTACAAG			
hTERT-R	GCGTTCTTGGCTTTCAGGAT			
DNMT3B-F	ATAAGTCGAAGGTGCGTCGT			
DNMT3B-R	GGCAACATCTGAAGCCATTT			