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Supplemental Information

Robustness of Catalytically Dead Cas9

Activators in Human Pluripotent

and Mesenchymal Stem Cells

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Table S1. List of gRNAs and primers used in this study

gRNAs	Sequence
FOXA2 -42	ggcgggtgctccctaccgcg
FOXA2 -179	ccactccaactaccgcctc
FOXA2 -248	tgattgctggtcgtttgtg
NEUROD1 -33	aggccgcggagtctctaac
NEUROD1 -164	acctgccattgtatgccg
NEUROD1 -221	aggggagcgggtgtcggagg
CXCR4 -116	gcagacgcgaggaaggaggcgc
CXCR4 -162	ccgaccaccgcaaacagca
CXCR4 -193	gcctctggaggctcctgtccggctc
NT	cggaggctaagcgtcgcaac
Primers	Sequence
Cas9_F	agcacgtggcacagatcctgg
Cas9_R	ggaaatcctccggaatcgg
VP64_F	aaaagaggaaggtggcggcc
VP64_R	cgtcactgccgagcatgtcg
MS2_F	aaggtgacatgcagcgtcagg
MS2_R	ccatgttcaggtaggacctcc
scFV_F	tgatcggcgacaaggccacc
scFV_R	gcgcttcagctccacctgg
GAPDH_F	gcaccgtcaaggctgagaac
GAPDH_R	agggatctcgctcctggaa
OCT4_F	gggttttgggattaagtcttca
OCT4_R	gccccaccctttgtgtt
CRIPTO_F	cggaactgtgagcacgatgt
CRIPTO_R	gggcagccagggtgtcatg
DNMT3B_F	gctcacagggcccgatactt
DNMT3B_R	gcagtcctgcagctcgagtta
FOXA2_F	cacgagccgtccgactggag
FOXA2_R	atggcggccgccgacatgc
NEUROD1_F	ggatgacgatcaaagcccaa
NEUROD1_R	gcgtcttagaatagcaaggca
CXCR4_F	actacaccgaggaatgggct
CXCR4_R	cccacaatgccagttaagaaga