



Protein and mRNA levels of IgM H- and L-chains artificially and excessively accumulated in HDAC2-deficient DT40 mutants are gradually reduced via a lot of generations during continuous cultivation

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Table II. Primers for ChIP assay on Pax5 gene

segment	position	5'-primer	3'-primer	length(bp)	PCR condition
A	-1923~-1636	A-5'	A-3'	288	LataqGCII 55(°C)
B	-1801~-1636	B-5'	B-3'	166	Extaq 55(°C)
C	-1801~-1561	C-5'	C-3'	241	Extaq 55(°C)
D	-1656~-1398	D-5'	D-3'	259	Extaq 55(°C)
E	-1580~-1264	E-5'	E-3'	317	Extaq 55(°C)
F	-1580~-1250	F-5'	F-3'	331	Extaq 55(°C)
G	-1283~-976	G-5'	G-3'	308	Extaq 55(°C)
H	-1283~-939	H-5'	H-3'	345	Extaq 55(°C)
I	-1151~-976	I-5'	I-3'	176	Extaq 55(°C)
J	-958~-679	J-5'	J-3'	281	Extaq 55(°C)
K	-958~-621	K-5'	K-3'	338	LataqGCI 55(°C)
L	-685~-526	L-5'	L-3'	160	Extaq 55(°C)
M	-685~-521	M-5'	M-3'	165	Extaq 55(°C)
N	-641~-383	N-5'	N-3'	259	LataqGCI 55(°C)
O	-541~-383	O-5'	O-3'	159	Extaq 55(°C)
P	-403~-33	P-5'	P-3'	372	Extaq 55(°C)
Q	-60~+30	Q-5'	Q-3'	90	Extaq 55(°C)

segment	primer	sequence
A	A-5'	TTTGCCGCCGGTAGAAGCGGA
	A-3'	AGCGCGTGTTTGAAAATGGC
B	B-5'	TGAGCCCCCTCTCCTGCGGACA
	B-3'	AGCGCGTGTTTGAAAATGGC
C	C-5'	TGAGCCCCCTCTCCTGCGGACA
	C-3'	TTAAGATCTCCTCGCAACACGCCCTTGA
D	D-5'	TGCCATTTTCAAACACGCGC
	D-3'	AGTGTGAGCGACGCGGCTCT
E	E-5'	GGCGGTACCAAGGGTTGAATTATTCTGACC
	E-3'	AAGTCCATGCAGAGAGCGGA
F	F-5'	GGCGGTACCAAGGGTTGAATTATTCTGACC
	F-3'	ATGTGGAACGAATGAAGTCC
G	G-5'	TCCGCTCTCTGCATGGACTT
	G-3'	GGAAGATCTCAGTGGCTGCGGTGCTTATTT
H	H-5'	TCCGCTCTCTGCATGGACTT
	H-3'	TTAAAGATCTAGGGCGACTGATGGTTATTT
I	I-5'	TTCTCTTTACTCCCGGAAA
	I-3'	GGAAGATCTCAGTGGCTGCGGTGCTTATTT
J	J-5'	TTAGGTACCTCCGGGCATCAGTCGCC
	J-3'	TGCAGCATCACAGGATGTC
K	K-5'	TTAGGTACCTCCGGGCATCAGTCGCCCTT
	K-3'	CGTGAAATGATTAAGAAGCCGC
L	L-5'	TGCTGCAGCGCACAGGACAT
	L-3'	GAATAATTCAACCCTCCGC
M	M-5'	TGCTGCAGCGCACAGGACAT
	M-3'	CGGCAGATCTGGTCAGAATAATTCAACCCT
N	N-5'	CGGCTTCTTAATCATTTAC
	N-3'	ATCTTTTCTTACGTTCTCTC
O	O-5'	GGCGGTACCAAGGGTTGAATTATTCTGACC
	O-3'	ATCTTTTCTTACGTTCTCTC
P	P-5'	GAGAGAACGTGAAGAAAAGA
	P-3'	GGAAAAGTTTGTCCGTAGTGTGC
Q	Q-5'	TTAGGTACCCAGCAGCACACTACGGAC AAA
	Q-3'	CGGGGCCGCTACATCTTCTCCAAATCCAT