

Table S1

Name	Sequence 5'→3'	Size	Restriction site
E(Y)-for	gtcccaggctatggcgtgccagggttctggt	30	
E(Y)-rev	tggcacgccatagcctgggac	21	
M	gacaaagacggtgacggcaccatcaccacaaagaactg	39	
EME	acccggaaccagttctttggtggtgatggtgccgtcaccgtctttgtcaccagaacc	57	
Enew	gttcgggttctggtgtgccaggcagtggtgtacctgggtcaggcggttcgggttctggt	60	
E2new	cggaacgcctgaccaggtacaccactgcctggcacaccaga	42	
M*	gacaaagacggtgacggcacgatcacgacgaaggagtta	39	
EME*	taactccttcgtcgtgatcgtgccgtcaccgtctttgtcaccagaacc	48	
Bgl-E(Y)	gcatcagatctgtcccaggctatggcg	27	BglII
Bam-M*	gcatcggatcctaactccttcgtcgtgatcgt	32	BamHI
End-for	gatctgttcgggttctggtgtgcctggtagcggtg	36	
End-rev	gatccaccgctaccaggcacaccagaacccggaaca	36	
pJET1.2 forward sequencing primer	cgactcactataggagagcggc	23	
pJET1.2 reverse sequencing primer	aagaacatcgattttccatggcag	24	
F3-1-dir	aaagacgagccgcagcgtcgtccgcccgcctcagcgccaaaccggcaccgccaaaacc	60	
F3-1-rev	tttttggtggcgtttttcggctttggctcgggttttggcggtgccggtttggcgtgag	63	
FL-dir	ccgaaaaaagcggcagccaaaaaagggtggtggtgtctggtggcgcggtctctgg	56	
Bam-L-rev	gcatcggatccaccaccagagccgcc	26	BamHI
R1-for	gcggttaccggctcgtggtgatagcggttctgg	32	
R1-rev	accagagccgctgcccgaaccagaaccgctatcacc	36	
Bgl-R1-for	gcatcagatctgcggttaccggtcg	25	BglII

Bam-R1-rev	gcactggatccaccagagccgctgc	25	BamHI
W4 seq rev	ggacacgctgaacttggtg	19	
Bgl-F-for	gcatcagatctaaagacgagccgcag	26	BglII
Eco-W4-rev	gcactagaattcaccgctaccaggc	25	EcoRI
Exp1 for	acaacaccacaacaccatcatcatcatcatgg	35	
Exp2 for	accaccccacaacaccatcatcatcatcatgg	35	
Exp rev	catatgtatatctccttcttaaagttaaacaaaattatttctag	44	
Exp1 seq for	catatgacaacaccacaacacc	22	
Exp2 seq for	gaccaccccacaacacc	17	
Eco-F-for	gcatcgaattcaaagacgagccgcag	26	EcoRI
Nco-F-for	agcactccatgggtaaagacgagccgcagc	30	NcoI
Nco-E-rev	agcacaccatggaaccgctaccaggcacacc	31	NcoI