

Supplementary Table 4 - Primers sequences

Construct	Name	Sequence ^{a,b}
AP3-ATG	TJ910	5'- AGGATCCT TATGGCGAGAGGGAAGAT-3'
AP3ΔC	TJ514	5'-GAGCTGAAGATTAACACTATGGACT-3'
AP3ΔC	TJ515	5'-AGTCCATAGTGTTAATCTTCAGCTC-3'
AP3Δ198	TJ920	5'-G AGGATCCT ATTAACGTGACCCTTCG-3'
AP3Δ174	TJ918	5'-GT GGATCCT GTTAATCTTCAGCTCTTAG-3'
AP3Δ156	TJ913	5'- TAGGATCCT TAACTTTTGTCTTTTTCTTGGT-3'
PI-ATG	TJ914	5'-AG GGATCC CAGATGGGTAGAGGAAAG-3'
PIΔC	TJ520	5'-GCAACGCAAGATGAATGATGATGA-3'
PIΔC	TJ521	5'-TCATCATCATTCATCTTACGTTGC-3'
PIΔ185	TJ915	5'-CT GGATCC AAATTACCCATCATGATC-3'
PIΔ176	TJ919	5'-C AGGATCCT TTCATCTTGCGTTGCTTGC-3'
PIΔ155	TJ917	5'-T GGGATCCT TACTCCGCCATCATCTT-3'
<i>ap3-3</i>	TJ764	5'-AGGATAGAGAACCAGACAAACGTA-3'
<i>ap3-3</i>	TJ450	5'-TAGTGGTTAATTATAAGAAA-3'
<i>pi-4</i>	TJ766	5'-TCATAATCTTTGCAAGTAATGG-3'
<i>pi-4</i>	TJ161	5'-GCCATGGAATATTTTTGAGAC-3'

^a Primers that contain nucleotides that alter AP3/PI sequences are indicated in bold.

^b Engineered BamHI sites are underlined.