

Supplemental Table 1. Primer sequences

	Forward Primer	Reverse primer
gMCM4	AAAAGACAAATCCAGGAAGG C	AACCTGAGCAGATAAAGCATCAG
cMCM4	GAGCTACTCGCCAGGTGG	GGAGTGCCGTATGTCAGTGG
1st ATG MCM4	ATAGAATTCAATGTCGTCCCC GGCGTCGAC	GAGGGATCCTTGCTCACAAGGC
2 nd ATG MCM4	ATAGAATTCAATGCCAACCTC G	GAGGGATCCTTGCTCACAAGGC
3 rd ATG MCM4	ATAGAATTCAATGCATTCTTCA	GAGGGATCCTTGCTCACAAGGC
gANK1	CAGCCTCCCCTCTTCCC	GGAGGCGGCTCGTACTG
gADAM5P	CGAAATGCATTGTAAAC	CTTAAGAAGACAAAATTG
Cloning MCM4-HA	GAGGGATCCTTGCTCACAAGG C	GATGGATCCTCAAGCGTAATCTG GCACATCGTATGGGTAGAGCAAG CGCACGGTCTTCC
SDM MCM4	CGACGGAATTCAAAGTCGTCC CCGG	CCGGGGACGACTTTGAATTCCGT CG