

3'-End Sequencing

Name	Sequence (5'-3')
RT oligo	/5phos/TGGAATTCTCGGGTGCCAAGGAACTCCA GTCAC/iSp18/CTTTCCCTACACGACGCTCTTCCGAT CTTTTTTTTTTTTTTTTTTTTTTVN
Illumina_PCR_F	AATGATACGGCGACCACCGAGATCTACACTCTTT CCCTACACGACGCTCTTCCGATCT
Illumina_PCR_R	CAAGCAGAAGACGGCATAACGAGATCGTGATGTG ACTGGAGTTCCTTGGCACCCGAGAATTCCA

3'-RACE

Name	Sequence (5'-3')
GeneRacer oligo-dt (RT)	GCTGTCAACGATACGCTACGTAACGGCATGACA GTG(T)24VN
GeneRacer 3' Primer	GCTGTCAACGATACGCTACGTAACG
GeneRacer 3' Nested Primer	CGCTACGTAACGGCATGACAGTG
Pgm2_Gsp-1	GGTCTATGGGAGAAGAGAGAACAGG
Pgm2_Gsp-2	GATCAAGAACTTCAGAAAACCCTGACC
Ccm2_Gsp-1	GGA CAT GGT TCA AGA GGC TCC TTC G
Ccm2_Gsp-2	GTT CAA GAG GCT CCT TCG TTT CTG TAG
Zcchc2_Gsp-1	CTG CCG GTC AAG AGT TCT TGG C
Zcchc2_Gsp-2	GAG TTC TTG GCA TGC TGT TTG TCA GTC C
Mapk4_Gsp-1	GGA TTG CTG CCA ATG CCT AGT AAC CTG
Mapk4_Gsp-2	GCC TAG TAA CCT GTA TTT GAT AGC CAG G

Supplementary Table 1. Oligonucleotides for 3'-end sequencing and 3'-RACE.

(T)24 denotes the 24 'T' nucleotides at the 3'-end of the RT oligonucleotide. V denotes bases (A,G,C) while N denotes bases (A,T,G,C).