

Nm-VAQ DNA-RNA Chimeras

Chimera	Sequences 5'->3'
18S-G1328	CCACmCmAmCmCmCmAmCmGmGmAmAmUmCmG
18S-A159	TTACmCmAmCmAmGmUmUmAmUmCmCmAmAmG
18S-U1445	AAGAmAmGmUmUmGmGmGmGmAmCmGmC
28S-Ψ3818	ATTCmAmUmGmCmGmCmGmUmCmAmCmUmA
ACTG1	TGCGmGmAmUmGmUmCmCmAmCmGmUmCmA
ACTB-2	GCGGmAmAmCmCmGmCmUmCmAmUmUmGmC
SNCG	CGCTmGmCmUmCmAmCmCmAmCmAmGmCmC
GUK1	CCGAmGmAmAmCmUmCmGmGmCmAmUmGmC
NEFM	CGCGmCmAmAmCmCmGmCmGmCmCmUmCmC
MIAT	GAACmCmAmCmAmUmGmGmGmUmGmGmAmC
TPT1	GACGmAmCmGmGmCmGmCmUmAmGmCmUmU
EIF3F	CAGCmUmGmAmCmAmCmCmUmUmUmCmCmA
RN7SK	CTTGmAmGmAmGmCmUmUmGmUmUmUmGmG
AZIN1	CAGGmGmUmAmGmUmGmCmCmAmAmAmCmU
TKT	CGGGmUmCmAmCmUmCmUmGmGmCmCmCmA
NUDT21	GGGmUmUmCmGmUmCmUmGmCmUmGmGmA
FAM171A1	CTCCmAmUmCmCmCmUmGmUmGmGmCmAmC
FGF13	GACTmUmCmCmUmUmAmAmCmAmAmAmGmC
C12orf57	GAACmAmUmCmAmAmGmGmCmCmUmUmUmC
MT-CO1	AGGAmUmGmUmUmUmCmAmUmGmUmGmGmU

qPCR Primers

Target	Forward 5'->3'	Reverse 5'->3'
18S-G1328	CTCAACACGGGAAACCTCAC	TCGGAATTAACCAGACAAATCGC
18S-A159/U161	CCGGTACAGTGAAACTGCGA	CTGATAAATGCACGCATCCCC
18S-U1445	TAGTTACGCGACCCCCG	GGGCATCACAGACCTGT
28S-Ψ3818	GCCAAATGCCTCGTCATC	CCGCTGATTCCGCCAAG
ACTG1	GTATGGAATCTTGCGGCATC	CCTTGATCTTCATGGTGCTG
ACTB-1	GCATGGAGTCTGTGGCATC	TTGATCTTCATTGTGCTGGG
ACTB-2	CCTGGAGAAGAGCTACGAGC	CCAGGAAGGAAGGCTGGAAG
SNCG	GTGGCCGAGAAGACCAAGG	CTTGCGCACCAACCCCGAG
GUK1	TTCATCGAGCATGCCGAGTT	CAGATCGGTGGCCTTGATGT
NEFM	AAGACATCCACCGGCTCAAG	TTGTCCAGCTCCACCTTGAC
MIAT	GAGGCATCTGTCCACCCATG	AGAGGGAGGATCACCTTGGT
TPT1	TCCCCCGAGCGCCGCTC	GGCTGATGAGGTCCCGGTA
EIF3F	AGCTGACAATACTGTGGGCC	GAGGTGGGGGAAGAAACCAG
RN7SK	TAGAGGAGGACCGGTCTTCG	GCGCCTCATTTGGATGTGTC
AZIN1	CTCTGCCCAATCATCTCCC	AGCACATTCCAAGAGATGCCT
TKT	CACCGCTTCTGGTAGATG	ACCTTGTGGCCATTCTAG
NUDT21	GGGGTCACTCAGTTCGG	AGGTTGATGGTGCGTCC
FAM171A1	TAGCGAAGATAGACTAGAG	GCTCGCTTGCTCAAACC
FGF13	TCCTCTCTCTGTGTCTGCT	TGTCCTCATCTTTGGTGCCA
C12orf57	CTGAAGGCGCTGTTTCTGC	CTAAGTCACAGGCGCATTTA
MT-CO1	AACACTTTCTCGGCCTATCC	TTTCGCTTCGAAGCGAAGG

