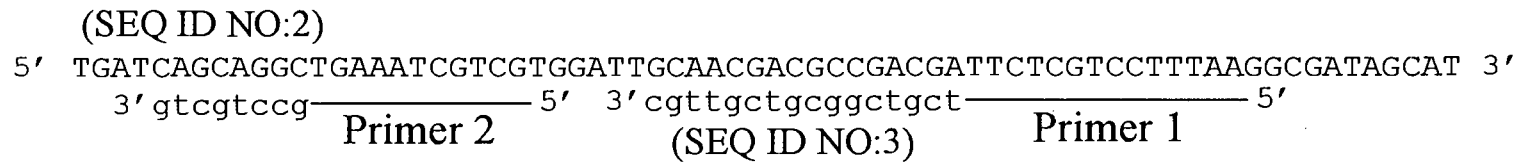
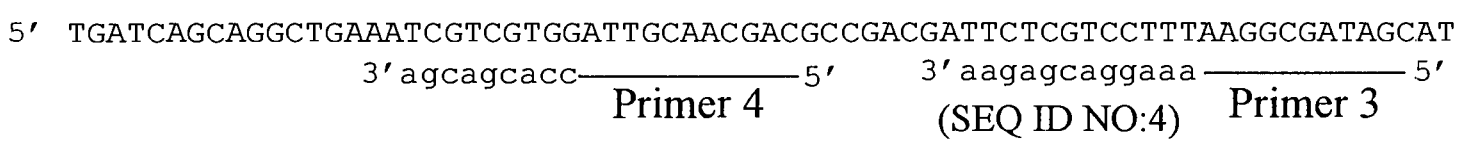
Target DNA Detection and Quantification

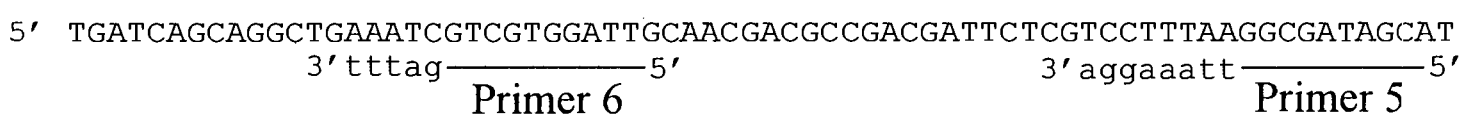
(1) Extension with dTTP, dGTP, dCTP, either with ddATP or without dATP



(2) Extension with dATP, dGTP, dCTP, either with ddTTP or without dTTP



(3) Extension with dATP, dGTP, dTTP, either with ddCTP or without dCTP



Line represents primer sequence. Small letters a, g, c, and t are bases extended from the primer, some of which are labeled with a detectable marker. u and t are used interchangeably.

Fig. 1

Target RNA Detection and Quantification

(1) Extension with dTTP, dGTP, dCTP, either with ddATP or without dATP

(SEQ ID NO:5)

5′ UGAUCAGCAGGCUGAAAUCGUCGUGGAUUGCAACGACGCCGACGAUUCUCGUCCUUUAAGGCGAUAGCAU 3′

3′gtcgtccg——— 5′ 3′cgttgctgcggctgct———5′

Primer 2 Primer 1

(2) Extension with dATP, dGTP, dCTP, either with ddTTP or without dTTP

5′ UGAUCAGCAGGCUGAAAUCGUCGUGGAUUGCAACGACGCCGACGAUUCUCGUCCUUUAAGGCGAUAGCAU 3′

3′agcagcacc———5′ 3′aagagcaggaaa———5′

Primer 4 Primer 3

(3) Extension with dTTP, dGTP, dATP, either with ddCTP or without dCTP

5′ UGAUCAGCAGGCUGAAAUCGUCGUGGAUUGCAACGACGCCGACGAUUCUCGUCCUUUAAGGCGAUAGCAU 3′

3′tttag———5′ 3′aggaaatt———5′

Primer 6 Primer 5

Line represents primer sequence. Small letters a, g, c, and t are bases extended from the primer, some of which are labeled with a detectable marker. u and t are used interchangeably.

Fig. 2