

Internal standard sequences used for cassettes:

1.5% DF marker R2 and marker K

2%DF marker V1, X1, L and G

3% DF marker Q2 and marker F

(Standards are duplexes of 2 complementary, fluorescently labeled single-stranded oligos. Both strands are labeled on the 5' ends.)

Only the top strand is shown below.

150-mer (R2, K)

5'-Dye-ATCGAGGATTACCACTACGCTACGTTCACTAACGAGGACTCCTACCACTTTGACGACTTGTACCGATGTAA
GTTTCGACCGTGACCGAATCAGGTTAGCCAGATCGCATAAGTAATTTCCAGGGACTGATGCACTTTGACGACTTGT
ACC-3'

75-mer (V1, X1, L, G)

5'-Dye-ATC GCGGATTAGCACTACGCATCGGTTACAAACGAGGACCTGATGCACTTTGACAGCATGATCGGATGT
ACTTCG-3'

65-mer (Q2, F)

5'-Dye-GTCGCGGATTAGCACTACGCATCGGTTACAAACGAGGACCTGATGCACTTTGACAGCATGATCG-3'

50-mer (R2, K)

5'-Dye-ATCGCGGATTAGCACTACGCATCGGTTACAAACGAGGACCTGATGCACTT-3'

35-mer (Q2, F)

5'-ATCGCGGATTAGCACTACGCATCGGTTACAAACGA-3'