

Internal standard sequences used for BluePippin and PippinPrep cassettes:

1.5% DF marker R2 and marker K

2%DF marker V2 and marker L

3% DF marker Q3 and marker P

(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'

85-mer (Q3, P)

5'-Dye-ATCGAGGATTACCACTACGCTACGTTCACTAACGAGGACTCCTACCACTTTGACGACTTGTACCGATGTAA
GTTTCGACCGTGACC-3'

75-mer (V2, L)

5'-Dye-ATC GCGGATTAGCACTACGCATCGGTTACAAACGAGGACCTGATGCACTTTGACAGCATGATCGGATGT
ACTTCG-3'

50-mer (R2, K, Q3, P)

5'-Dye-ATCGCGGATTAGCACTACGCATCGGTTACAAACGAGGACCTGATGCACTT-3

35-mer (V2, L)

5'-Dye-ATCGCGGATTAGCACTACGCATCGGTTACAAACGA-3'