

V3-V4 Reporter Templates

Match:

5' -CAAGTCACTCCTACGGGAGGCAGCAGTGG...^{Bam HI}GGATCC...ACAGGATTAGATACCCTGGTAGTCCACGCATGCGT-3'

Mismatch:

5' -CAAGTCACTCCTACGGGACGCACCACTGG...^{Spe I}ACTAGT...ACAGGATTAGATACCCGCGTAGTCCACGCATGCGT-3'

 = targets of thermal-bias primers

Template lengths = 491 bp

S3 Figure. Engineered V3-V4 reporter templates. Shown are the nucleotide sequences of the top strands of the 'match' and 'mismatch' reporters. Each has a unique restriction site inserted. The mismatch version has four nucleotide changes (red) in the primer-binding regions that are in positions predicted to be compensated by the degenerate primers.