

Paired: Check for 2 priming reactions, +/- 1 probe

Mux: check for 16 priming reactions, +/- 2 probes

Signature 1:

>1|F

GAAACGCGACAAGCCCAC

>1|IO

TTCAGGCACGAGGTGTTCCCTGAGTTT

>1|R

CCAGTTGAAGTTGTCTGAGAAAAGG

Signature 2:

>2|F

ATCGGCAGAGATGGGAAAAG

>2|IO

AACCGGTGATGTGACTATCCGTATTGACACC

>2|R

GAGGAGCCATCATCTACGCC

Paired and mux

Mux only

Mux only

Mux only

Mux only

Paired and mux

Mux only (same primer sequence acts as both F and R)

The diagram illustrates the mapping of primers to reactions. For Signature 1, the forward primer (GAAACGCGACAAGCCCAC) is circled and connected to 'Mux only' reactions. The reverse primer (CCAGTTGAAGTTGTCTGAGAAAAGG) is circled and connected to 'Mux only' reactions. The internal primer (TTCAGGCACGAGGTGTTCCCTGAGTTT) is connected to 'Paired and mux' reactions. For Signature 2, the forward primer (ATCGGCAGAGATGGGAAAAG) is circled and connected to 'Mux only' reactions. The reverse primer (GAGGAGCCATCATCTACGCC) is circled and connected to 'Paired and mux' reactions. The internal primer (AACCGGTGATGTGACTATCCGTATTGACACC) is connected to 'Paired and mux' reactions.