

SEQUENCE LISTING

<110> F. Hoffmann-La Roche AG
 Roche Diagnostics GmbH
 <120> Nuclease-free real-time detection of nucleic acids
 <130> 24991 WO
 <140> WO Not yet assigned
 <141> Not yet assigned
 <150> US 12/830,694
 <151> 2008-12-09
 <160> 3
 <170> PatentIn Ver. 2.1
 <210> 1
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence:Factor 5 wild
 type allele asymmetric PCR amplification upstream
 primer
 <220>
 <221> modified_base
 <222> (24)
 <223> n = t-butyl benzyl dA
 <400> 1
 tgaaccaca gaaaatgatg cccn 24
 <210> 2
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence:Factor 5 wild
 type allele asymmetric PCR amplification
 downstream primer
 <220>
 <221> modified_base
 <222> (26)
 <223> n = t-butyl benzyl dA
 <400> 2
 ggaaatgccc cattatttag ccaggn 26
 <210> 3
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence:Factor 5 wild
 type allele asymmetric PCR amplification
 unstabilized detection probe (non-blocker)
 <220>

<221> modified_base
<222> (1)
<223> c modified by 5' abasic phosphoramidite cx-FAM,
where cx-FAM = cyclohexane linker bound to
6-carboxyfluorescein (FAM)

<220>
<221> modified_base
<222> (21)
<223> g modified by Black Hole Quencher BHQ2 (Q) and 3'
phosphate (P)

<400> 3
ctgtattcct cgcctgtcca g

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