



Certificate of Analysis

COA No: CA_BSM-0049

Version: 03

SensiFAST™ Lo-ROX Genotyping

For Research Use Only

Storage Conditions: -20°C

Lot number: SFGL-415212

Expiry date: January 2018

Quality Control Parameters

Analysis	Specification	Result
Functional	The genotypes of mutant, wild type and heterozygous alleles are called correctly. Cluster profiles must be consistent for the test and reference sample with a standard deviation of <12%.	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked. Test sample must amplify in line with control sample.	Passed
Exonuclease contamination	Incubation of a 1Kb double stranded DNA fragment. Incubation for 4 hours at 37°C with dilution series of DNase I. Analysed by agarose gel electrophoresis. Test sample must show less degradation than the limit of detection 2.5×10^{-3} U DNase I.	Passed

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