



## Certificate of Analysis

COA No: CA\_BSM-0046

Version: 01

### SensiFast™ HRM Kit

For Research Use Only

Storage Conditions: -20°C

Lot number: SFHM-515104

Expiry date: May 2017

### Quality Control Parameters

Analysis	Specification	Result
Functional Melt Analysis	HRM cycling with melt analysis $\pm 0.15^{\circ}\text{C}$ . Genotypes called with $\geq 95\%$ confidence.	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
DNase contamination	Incubation of a 1Kb double stranded DNA fragment. Incubation for 4 hours at $37^{\circ}\text{C}$ with dilution series of DNase I. Analysed by agarose gel electrophoresis. Test sample must show less degradation than the limit of detection $2.5 \times 10^{-3}$ U DNase I.	Passed

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