Development of a miniaturised platform for PCR based assays with application in gene expression analysis and SNP genotyping

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Abbreviations

AAM	allylamin
BSA	bovine serum albumin
cDNA	complementary DNA
CE	capillary electrophoresis
COC	cyclic olefine copolymere
Ct	cycle at threshold
CV	coefficient of variation
CI	confidence interval
ΔΔCt	DeltaDelta Ct
DNA	desoxyribonucleic acid
dNTP	deoxyribonucleotide
FAM	fluorescent dye (6-Carboxyl-Fluorescein)
GMA	glycidyl methacrylate
GT	genotyping
hgDNA	human genomic DNA
HEG	hexethylene glycol
IPA	isopropyl alcohol
IR	infra red
IQR	inter quartile range
mRNA	messenger RNA
µTAS	micro total analysis system
MB	molecular beacon
NCBI	National Center for Biotechnology Information
PC	polycarbon
PCR	polymerase chain reaction
PDMS	polydimethylsiloxane
PEG	polyethylene glycol
PMMA	polymethylmethacrylate
PP	polypropylene
RNA	ribonucleic acid
SNP	single nucleotide polymorphism
VIC	fluorescent dye from ABI
WGA-DNA	whole genome amplified DNA

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