



Analysis of expression in *Bixa orellana* V.1

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Abstract

Platinum® SYBR® Green qPCR SuperMix-UDG is a ready-to-use cocktail containing all components, except primers, for the amplification and detection of DNA in real-time quantitative PCR (qPCR).

Materials

MATERIALS

 Platinum® SYBR® Green qPCR SuperMix-UDG **Catalog #** Cat. No. 11733046

iCycler IQ real-time PCR detection system (Bio-Rad, Hercules, CA, USA)

Analysis of expression in *Bixa orellana*

- 1  100 ng of cDNA sample was used as a template to quantify the expression. The amplification program included incubation at  50 °C for  00:02:00 and  95 °C for  00:04:00 to activate the Platinum® Taq DNA polymerase, followed by 35 amplification cycles of  00:00:30 at  95 °C ,  00:00:30 at  62.3 °C and  00:00:30 at  72 °C , with a final extension of  00:10:00 at  72 °C .

the annealing temperature was changed according to sample.