

[Open Peer Review on Qeios](#)

High Resolution Melt Analysis

National Cancer Institute

Source

National Cancer Institute. *High Resolution Melt Analysis*. NCI Thesaurus. Code C130174.

A reverse, real-time, polymerase chain reaction technique in which fluorescently labeled double-stranded DNA is slowly melted apart by increasing temperature. Genetic mutations and polymorphisms can be detected by analyzing the melt curves, which correspond to the rate at which double-stranded DNA become single-stranded.