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(54) Title: METHOD FOR QUANTIFICATION OF SMALL RNA SPECIES

(57) Abstract: The present invention relates to a method for amplification and quantification of mscroRNA molecules using quantitative reverse transcription polymerase chain reaction (q RT- PC R) technology. The method comprise the steps of (a) producing cDNA molecules complementary' to microRNAs in a sample using polyadenylation and primer extension by reverse transcription, and (b) amplification and quantification of the cDNAs by qPCR using microRNA specific primer sets of forward and reverse primers containing LNA monomers.