

Title (en)
MULTIPLEX TRANSCRIPTOME ANALYSIS

Title (de)
MULTIPLEX-TRANSKRIPTOMANALYSE

Title (fr)
ANALYSE MULTIPLEX DE TRANSCRIPTOME

Publication
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Application
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Abstract (en)
[origin: WO2016025796A1] In some embodiments, the disclosure relates generally to methods, compositions, systems, apparatuses and kits comprising a multiplex nucleic acid amplification reaction that employs a plurality (e.g., hundreds, thousands, tens-of-thousands or hundreds-of-thousands) of different target-specific primer pairs that enable substantially simultaneous amplification of a plurality of different target sequences-of-interest in a single reaction mixture. In some embodiments, the multiplex nucleic acid amplification reaction generates a plurality of amplicons having sequences derived from a sample containing RNA or DNA, including whole transcriptome or genomic samples. In some embodiments, the sequences and abundances of at least some of the plurality of amplicons are characterized, optionally simultaneously or through a single assay, by suitable detection methods, including sequencing or other procedures known in the art.

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