

Title (en)  
AMPLIFICATION PRIMERS AND PROBES FOR DETECTION OF HIV-1

Title (de)  
AMPLIFIKATIONSPRIMER UND SONDEN ZUM NACHWEIS VON HIV-1

Title (fr)  
AMORCES D'AMPLIFICATION ET SONDAS POUR DÉTECTER LE VIH-1

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Application  
**EP 13742978 A 20130122**

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Abstract (en)  
[origin: WO2013116039A1] The present invention relates to amplification oligonucleotides (primers) and detection probes for the detection of human immunodeficiency virus type-1 (HIV-1) in a test sample. The primers and probes may be used in an assay for the detection and/or quantitation of HIV-1 nucleic acid. In various embodiments, the primers and detection probes may be used for real-time reverse transcription polymerase chain reaction (RT-PCR) assays for detection of HIV-1 nucleic acid. The detection probes may, for example, be fluorescently-labeled TaqMan® probes. In one embodiment, amplification primers and probes may be specific for the pol region of the HIV-1 genome. In another embodiment, the amplification primers and probes may be specific for the env region of the HIV-1 genome. "Cocktails" of multiple amplification primers and/or probes may be used to achieve maximal coverage of different HIV-1 subtypes.

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Citation (search report)  
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• [I] WO 2006023768 A2 20060302 - BAYER HEALTHCARE LLC [US], et al  
• See references of WO 2013116039A1

Designated contracting state (EPC)  
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