

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
05 June 2025 (05.06.2025)



(10) International Publication Number
WO 2025/114394 A1

(51) International Patent Classification:
C12Q 1/689 (2018.01) *C12Q 1/70* (2006.01)

SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(21) International Application Number:
PCT/EP2024/083825

Declarations under Rule 4.17:
— of inventorship (Rule 4.17(iv))

(22) International Filing Date:
27 November 2024 (27.11.2024)

Published:
— with international search report (Art. 21(3))
— with sequence listing part of description (Rule 5.2(a))

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
23315440.0 27 November 2023 (27.11.2023) EP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,

(54) Title: METHOD FOR DETECTING MICROORGANISMS

(57) **Abstract:** The present invention pertains to a method for detecting microorganisms such as mycoplasma or mouse minute virus (MMV) in a sample, the method comprising: (i) performing PCR on a sample suspected of comprising mycoplasma DNA with a PCR reaction mixture comprising (1) a first primer (P1) annealing to the reverse complement of a nucleic acid sequence of SEQ ID NO: 1 and a second primer (P2) annealing to a nucleic acid sequence of SEQ ID NO: 2, or (2) a third primer (P3) annealing to the reverse complement of a nucleic acid sequence of SEQ ID NO: 109 and a fourth primer (P4) annealing to a nucleic acid sequence of SEQ ID NO: 110; and (ii) detecting a PCR product, wherein the detection of a PCR product indicates that the sample comprises microorganisms, and the absence of a PCR product indicates that the sample does not comprise microorganisms. The present invention further pertains to a pair of primers for detecting mycoplasma or virus in a sample, and to a kit for detecting mycoplasma or virus in a sample.

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