



(43) International Publication Date
14 May 2015 (14.05.2015)

(10) International Publication Number
WO 2015/067635 A2

(51) International Patent Classification:
C12Q 1/68 (2006.01)

(21) International Application Number:
PCT/EP2014/073768

(22) International Filing Date:
5 November 2014 (05.11.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
13191823.7 6 November 2013 (06.11.2013) EP

(71) Applicant: **OMYA INTERNATIONAL AG** [CH/CH];
Baslerstrasse 42, CH-4665 Oftringen (CH).

(72) Inventors: **DIMAIUTA, Nicola**; Amselweg 8, CH-4528
Zuchwil (CH). **EGLI, Konrad**; Hasenweid 10, CH-4600
Olten (CH). **GLAUBITZ, Joachim**; Rossweid 7, CH-5643
Sins (CH). **URWYLER, Simon**; Brückfeldstrasse 13, CH-
3012 Bern (CH).

(74) Agents: **BLOT, Philippe** et al.; Lavoix, 2, place d'Estienne
d'Orves, F-75009 Paris (FR).

(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, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG,
MK, MN, 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, SM, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, 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, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- without international search report and to be republished
upon receipt of that report (Rule 48.2(g))
- with sequence listing part of description (Rule 5.2(a))

(54) Title: NUCLEIC ACIDS AND METHODS FOR DETECTING PATHOGENS AND BENEFICIAL MICROORGANISMS

(57) Abstract: The present invention relates to nucleic acids and methods for detecting pathogens and beneficial microorganisms.



WO 2015/067635 A2