Title (en)
DETECTION AND QUANTITATION OF SAMPLE CONTAMINATION IN IMMUNE REPERTOIRE ANALYSIS

Title (de)
NACHWEIS UND QUANTIFIZIERUNG VON PROBENVERUNREINIGUNGEN IN EINER IMMUNREPERTOIREANALYSE

Title (fr)
DÉTECTION ET QUANTIFICATION DE LA CONTAMINATION D'ÉCHANTILLONS DANS UNE ANALYSE DE RÉPERTOIRE IMMUNOLOGIQUE

Publication
EP 2836611 A4 20151230 (EN)

Application
EP 13775514 A 20130409

Priority
- US 201261624002 P 20120413
- US 201261658317 P 20120611
- US 201261738277 P 20121217
- US 201361768269 P 20130222
- US 201313835093 A 20130315
- US 201313834794 A 20130315
- US 2013035857 W 20130409

Abstract (en)
[origin: WO2013155119A1] The invention is directed to methods for detecting and quantifying nucleic acid contamination in a tissue sample of an individual containing T cells and/or B cells, which is used for generating a sequence-based clonotype profile. In one aspect, the invention is implemented by measuring the presence and/or level of an endogenous or exogenous nucleic acid tag by which nucleic acid from an intended individual can be distinguished from that of unintended individuals. Endogenous tags include genetic identity markers, such as short tandem repeats, rare clonotypes or the like, and exogenous tags include sequence tags employed to determine clonotype sequences from sequence reads.

IPC 8 full level
C12Q 1/68 (2006.01)

CPC (source: CN EP)
C12Q 1/6848 (2013.01 - CN EP)

Citation (search report)
- [Y] WO 2011139371 A1 20111110 - SEQUENTA INC [US], et al
- [A] WO 9920798 A1 19990429 - EXACT LAB INC [US]
- [A] WO 2005113803 A1 20051201 - AMPLION LTD [GB], et al
- [Y] MEGAN L MCCLOSKEY ET AL: "Encoding PCR Products with Batch-stamps and Barcodes", BIOCHEMICAL GENETICS, KLUWER ACADEMIC PUBLISHERS-PLENUM PUBLISHERS, NE, vol. 45, no. 11-12, 23 October 2007 (2007-10-23), pages 761 - 767, XP019548696, ISSN: 1573-4927, DOI: 10.1007/S10528-007-9114-X
- See references of WO 2013155119A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2013155119 A1 20131017; AU 2013246050 A1 20141023; AU 2013246050 B2 20170316; CA 2869481 A1 20131017; CN 104395481 A 20150304; EP 2836611 A1 20150218; EP 2836611 A4 20151230; JP 2015512655 A 20150430; SG 11201406538V A 20141127

DOCDB simple family (application)
US 2013035857 W 20130409; AU 2013246050 A 20130409; CA 2869481 A 20130409; CN 201380031219 A 20130409; EP 13775514 A 20130409; JP 2015505861 A 20130409; SG 11201406538V A 20130409