

Title (en)

IDENTIFICATION OF PREDICTIVE BIOMARKERS ASSOCIATED WITH WNT PATHWAY INHIBITORS

Title (de)

IDENTIFIZIERUNG VON PRÄDIKTIVEN BIOMARKERN IM ZUSAMMENHANG MIT WNT-SIGNALWEGINHIBITOREN

Title (fr)

IDENTIFICATION DE BIOMARQUEURS PREDICTIFS ASSOCIES A DES INHIBITEURS DE LA VOIE WNT

Publication

**EP 3077546 A4 20170426 (EN)**

Application

**EP 14867583 A 20141202**

Priority

- US 201361910663 P 20131202
- US 201461975339 P 20140404
- US 2014068097 W 20141202

Abstract (en)

[origin: WO2015084808A1] The present invention provides biomarkers for identifying tumors likely to respond to treatment with Wnt pathway inhibitors. Also provided are methods for identifying tumors and/or patients that are likely to be responsive or non-responsive to treatment with a Wnt pathway inhibitor. Methods for treating a patient with cancer are provided, wherein the cancer is predicted to respond to a Wnt pathway inhibitor.

IPC 8 full level

**C12Q 1/68** (2006.01); **A61K 38/00** (2006.01); **A61P 35/00** (2006.01)

CPC (source: EP)

**A61K 38/177** (2013.01); **A61P 35/00** (2017.12); **C12Q 1/6886** (2013.01); **C12Q 2600/106** (2013.01); **C12Q 2600/158** (2013.01)

Citation (search report)

- [XY] US 7982013 B2 20110719 - GURNEY AUSTIN L [US], et al
- [XY] WO 2013086260 A2 20130613 - ONCOMED PHARM INC [US]
- [Y] WO 2010101793 A2 20100910 - UNIV SOUTH ALABAMA [US], et al
- [Y] FORGET M-A ET AL: "The Wnt pathway regulator DKK1 is preferentially expressed in hormone-resistant breast tumours and in some common cancer types", BRITISH JOURNAL OF CANCER, NATURE PUBLISHING GROUP, GB, vol. 96, 1 January 2007 (2007-01-01), pages 646 - 653, XP003026724, ISSN: 0007-0920, [retrieved on 20070123], DOI: 10.1038/SJ.BJC.6603579
- [Y] WISSMANN C ET AL: "WIFI, A COMPONENT OF THE WNT PATHWAY, IS DOWN-REGULATED IN PROSTATE, BREAST, LUNG, AND BLADDER CANCER", JOURNAL OF PATHOLOGY, JOHN WILEY & SONS LTD, GB, vol. 201, no. 2, 1 January 2003 (2003-01-01), pages 204 - 212, XP008054942, ISSN: 0022-3417, DOI: 10.1002/PATH.1449
- See references of WO 2015084808A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015084808 A1 20150611**; **WO 2015084808 A4 20150813**; AU 2014357354 A1 20160609; CA 2931975 A1 20150611; CN 105829547 A 20160803; EP 3077546 A1 20161012; EP 3077546 A4 20170426; HK 1223657 A1 20170804; JP 2017501137 A 20170112; MX 2016007066 A 20160908; TW 201610168 A 20160316

DOCDB simple family (application)

**US 2014068097 W 20141202**; AU 2014357354 A 20141202; CA 2931975 A 20141202; CN 201480065718 A 20141202; EP 14867583 A 20141202; HK 16111927 A 20161017; JP 2016535646 A 20141202; MX 2016007066 A 20141202; TW 103141799 A 20141202