

Search query (6): [SP]: compositions and methods for active surveillance of prostate cancer aspects of the disclosure relate to improved methods and systems for active surveillance of subject having non-aggressive prostate cancer.

Results: 128

1) Family number: 59039016 (CN104531878A)

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Title: LNCRNA AND AR3 COMBINED DETECTION KIT AND APPLICATION OF DETECTION KIT

Abstract: The invention relates to a castration resistance or recurrence method for predicating and evaluating an androgen receptor (AR) after a hormone castration treatment, a detection kit and application of the detection kit. The method is used for detecting a PCGEM1 or a PCAT1 and an AR3 (AR-V7) in a combined mode, has the advantages that on one hand, a target detection gene and pathological change of the target detection gene are combined visually; the specific target detection gene can be efficiently and accurately detected and a signal is amplified on the other hand; the method is more sensitive and accurate compared with a conventional dyeing detection method, and a tissue slice after color development is saved advantageously. Most important of all, the method can effectively predicate and evaluate the castration resistance or recurrence and metastasis conditions of tumors related to the AR by detecting the PCGEM1 and an AR isomer (AR3) in a combined mode.

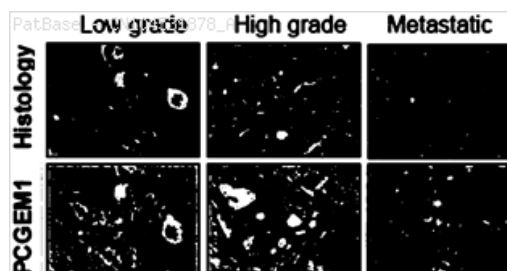
Classifications:

International (IPC 8-9): C12Q1/68 G01N33/574

G01N33/68 (Advanced/Invention)

CPC: C12Q1/6841 C12Q1/6886 C12Q2600/156 G01N33/57411

G01N33/57415 G01N33/57423 G01N33/57446



Family:

Publication number	Publication date	Application number	Application date
CN104531878 A	20150422	CN201510003148	20150104
CN104531878 B	20171110	CN201510003148	20150104

Priority:

CN201510003148 20150104

Probable Assignee: SHANGHAI TONGJI HOSPITAL

Assignee(s): (std): SHANGHAI TONGJI HOSPITAL

Inventor(s): (std): ZHU ZHUXIAN ; ZHANG ZIQIANG ; Y MO ; QIU ZHONGMIN ; LYU HANJING

Inventor(s): YMO

2) Family number: 23123041 (US2003013160A)

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Title: METHODS FOR ENCODING AND SORTING IN VITRO TRANSLATED PROTEINS

Abstract: Described herein are methods and reagents for encoding and sorting in vitro translated proteins.

Classifications:

International (IPC 8-9): C07K1/04 C07K1/107 C07K1/13 C07K17/14 C12P19/34 C12P21/06 C12Q1/68 G01N33/15 G01N33/50 G01N33/53

G01N33/566 G01N37/00 (Advanced/Invention);

G01N33/15 G01N33/50 G01N33/53 G01N33/566

G01N37/00 (Advanced/Non-invention)

International (IPC 1-7): C07H21/04 C07K1/04 C07K1/107 C07K1/13 C07K17/00 C07K17/14 C12N5/06 C12P19/34 C12P21/02 C12P21/06 C12Q1/68 G01N33/15 G01N33/50 G01N33/53 G01N33/566

G01N37/00

CPC: C12N15/1062 C07K1/047 C07K1/1077 C07K1/13

European: C07K1/04C C07K1/107D4 C07K1/13 C12N15/10C8

M07K203/02 M07K205/00

US: 435/320.1 435/320.100S 435/325 435/325S 435/6 435/6.16

435/68.1 435/681 435/69.1 435/69.100P 435/691 435/91.1 435/91.2

435/91.200S 435/911 530/350 536/23.1 536/23.2 536/23.200S

536/231 536/24.2 536/24.3 536/242 536/243

JP F-Term: 2G045 2G045/AA40 2G045/BB50 2G045/DA12

2G045/DA13 2G045/DA14 2G045/DA36 2G045/FB02 2G045/FB03

2G055 2G058 4H045 4H045/AA50 4H045/BA54 4H045/BA63

4H045/EA50 4H045/FA83

JP F-Index: C07K17/14 G01N33/15/Z G01N33/50/Z G01N33/53/D

G01N33/566 G01N37/00/102

JP Facet: ZNA

translation in microarray tray -> fraction formation -> RNA degradation

Fig. 1A

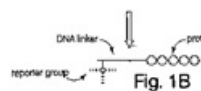


Fig. 1B

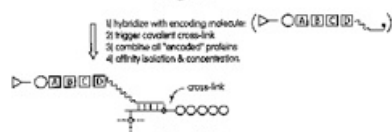


Fig. 1C

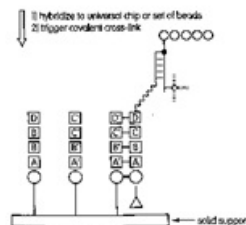


Fig. 1D

Family:

Publication number	Publication date	Application number	Application date
AU200069387 A1	20010326	AU20000069387	20000825
AU200069387 A5	20010326	AU20000069387D	20000825
AU779653 B2	20050203	AU20000069387	20000825
CA2382545 AA	20020220	CA20002382545	20000825
CA2382545 C	20130813	CA20002382545	20000825
DE60048134 D1	20130912	DE20006048134	20000825
EP1212452 A1	20020612	EP20000957818	20000825
EP1212452 A4	20030924	EP20000957818	20000825
EP1212452 B1	20130717	EP20000957818	20000825
JP2003508761 T2	20030304	JP20010520897T	20000825
JP4803933 B2	20111026	JP20010520897T	20000825
US2003013160 AA	20030116	US20020217914	20020813
US6436665 BA	20020820	US20000648040	20000825
US7892785 BB	20110222	US20020217914	20020813
WO0116352 A1	20010308	WO2000US23414	20000825

Priority:

US19990151261P 19990827 EP20000957818 20000825 WO2000US23414 20000825
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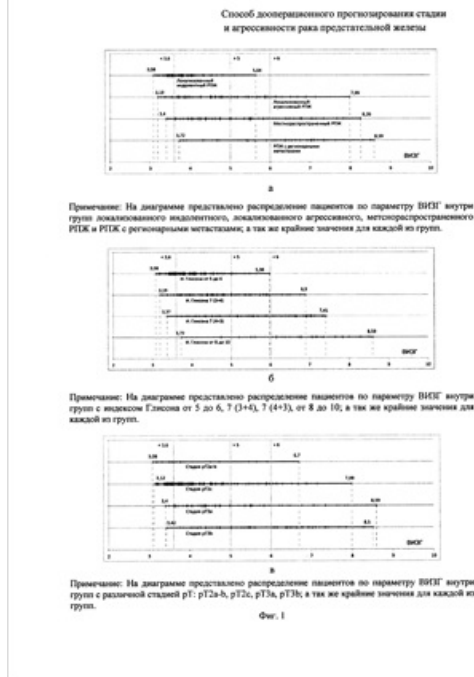
Probable Assignee: BRISTOL MYERS SQUIBB CO**Assignee(s):** (std): PHYLOS INC ; KUIMELIS ROBERT G ; COMPOUND THERAPEUTICS INC ; SQUIBB BRISTOL MYERS CO**Assignee(s):** BRISTOL MYERS SQUIBB COMPANY ; ADNEXUS A BMS R AND D CO ; ADNEXUS A BRISTOL MYERS SQUIBB R AND D CO ; ADNEXUS THERAPEUTICS INC ; BRISTOL MYERS SQUIBB CO ; BRISTOL MYERS SQUIBB CO PRINCETON**Inventor(s):** (std): KUIMELIS ROBERT G**Inventor(s):** KUIMELIS ROBERT G BRIGHTON ; ROBERT G KUIMELIS**Agent(s):** GRIFFITH HACK ; SMART AND BIGGAR ; MARKS AND CLERK LUXEMBOURG LLP ; REITSTOETTER KINZEBACH ; OSAKABE SUGURU ; SHIMIZU HATSUSHI ; ROPES AND GRAY LLP**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW**3) Family number: 65491048 (RU2614501C)**

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Title: METHOD FOR PROSTATE CANCER STAGE AND AGGRESSIVENESS PREDICTION PRIOR TO SURGERY, BASED ON LABORATORY AND CLINICAL PARAMETERS

Abstract: FIELD: medicine.SUBSTANCE: levels of compSA, svPSA, [-2]proPSA are determined in the patient's blood serum prior to treatment. Patient's age is determined. The Prostate Health Index is calculated. Point values are assigned for Gr.i.Gleason and Gr.T indices. The Gleason index (APHIG index) for the prostate cancer is calculated by the stated formula. If APHIG < 3.6 units, indolent localized prostate cancer is diagnosed, Gleason index is less than or equal to 6. If APHIG > 5.0 units, aggressive prostate cancer is diagnosed, Gleason index > 6 or greater than or equal to T3a stage. If APHIG > 6.0 units, aggressive prostate cancer is diagnosed, Gleason index > 6 and greater than or equal to T3a stage.EFFECT: method provides more reliable estimation of the tumour stage for patients with prostate cancer, avoids hyper- and underdiagnosis, improves long-term outcomes due to complex evaluation of the most significant indicators.3 dwg, 4 tbl, 3 ex

Classifications:**International (IPC 8-9):** A61B10/00 G01N33/48 (Advanced/Invention)

**Family:**

Publication number	Publication date	Application number	Application date
RU2614501 C1	20170328	RU20150155927	20151225

Priority:

RU20150155927 20151225

Probable Assignee: FED GOSUDARSTVENNOE BYUDZHETNOE UCHREZHDENIE NATSIONALNYJ MEDITSINSKIJ ISSLEDOVATELSKIJ RADIOLOGICHE

Assignee(s): (std): FED GOSUDARSTVENNOE BYUDZHETNOE UCHREZHDENIE NATSIONALNYJ MEDITSINSKIJ ISSLEDOVATELSKIJ RADIOLOGICHE

Assignee(s): FEDERALNOE GOSUDARSTVENNOE BYUDZHETNOE UCHREZHDENIE NATSIONALNYJ MEDITSINSKIJ ISSLEDOVATELSKIJ RADIOLOGICHESKIJ TSENTR MINISTERSTVA ZDRAVOOKHRANENIYA ROSSIJSKOJ FEDERATSII FGBU NMIRTS MINZDRAVA ROSSII

Inventor(s): (std): ALEKSEEV BORIS YAKOVLEVICH ; GITIS VALENTIN GRIGOREVICH ; KAPRIN ANDREJ DMITRIEVICH ; MARSHUTINA NINA VIKTOROVNA ; MUSTAFIN ALEKSANDR GAZIZOVICH ; PIROGOV SERGEJ ANATOLEVICH ; SERGEEVA NATALYA SERGEEVNA ; SKACHKOVA TATYANA EVGENEVNA ; YURKOV EVGENIJ FILIPPOVICH

4) Family number: 47487056 (US2010285980A)

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Title: GENE EXPRESSION PROFILE ALGORITHM AND TEST FOR LIKELIHOOD OF RECURRENCE OF COLORECTAL CANCER AND RESPONSE TO CHEMOTHERAPY

Abstract: Algorithm-based molecular assays that involve measurement of expression levels of prognostic and/or predictive genes, or co-expressed genes thereof, from a biological sample obtained from a cancer patient, and analysis of the measured expression levels to provide information concerning the likelihood of recurrence of colorectal cancer and/or the likelihood of a beneficial response to chemotherapy for the patient are provided herein. Methods of analysis of gene expression values of prognostic and/or predictive genes, as well as methods of identifying gene expression-tumor region ratios, tumor-associated stromal surface area, and gene cliques, i.e. genes that co-express with a validated biomarker and thus may be substituted for that biomarker in an assay, are also provided.

Classifications:

International (IPC 8-9): C12N15/09 C12Q C12Q1/02 C12Q1/68 C12Q1/6886 C40B30/02 C40B30/04 G01N G01N33/48 G01N33/53 G01N33/574 G01N33/68 G06F19/00 G06F19/20

G16H50/30 (Advanced/Invention);
C12Q (Subclass/Invention)

CPC: C12Q1/6886 C12Q2600/106 C12Q2600/118 C12Q2600/158 G01N33/57419 G01N2800/52 G01N2800/56 G06F19/00 G16H50/30

European: C12Q1/68M6B G01N33/574C6 M12Q600/106 M12Q600/118 M12Q600/158 S01N800/52 S01N800/56

US: 435/6 435/6.11 435/6.110S 435/6.14 435/6.140S 506/8 506/8P

JP F-Term: 2G045 2G045/AA13 2G045/AA16 2G045/AA24

2G045/AA26 2G045/CA25 2G045/CB01 2G045/CB02 2G045/CB03

2G045/DA14 2G045/DA36 2G045/FB01 2G045/FB02 2G045/FB03

2G045/FB12 2G045/JA01 2G045/JA03 2G045/JA06 4B063

4B063/QA19 4B063/QQ02 4B063/QQ08 4B063/QQ42 4B063/QQ53

4B063/QR36 4B063/QR55 4B063/QR72 4B063/QR77 4B063/QS34

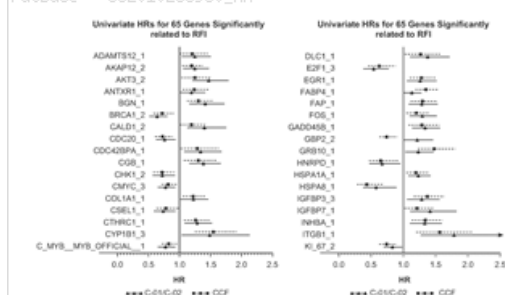
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JP F-Index: C12Q1/68/ZNA/A C12Q1/6886/C C12Q1/6886/Z G01N33/48/P G01N33/53/M G01N33/574/D C12N15/00/A G01N33/68

Family:

Publication number	Publication date	Application number	Application date
AU2010242792 AA	20101104	AU20100242792	20100430



AU2010242792 AA	20111117	AU20100242792	20100430
AU2010242792 BB	20150611	AU20100242792	20100430
CA2760333 AA	20111027	CA20102760333	20100430
EP2425020 A1	20120307	EP20100770467	20100430
EP2425020 A4	20160420	EP20100770467	20100430
HK1167689 A1	20121207	HK20120108275	20120823
IL215991 A0	20120131	IL20100215991	20100430
IL215991 A1	20160929	IL20100215991	20100430
JP2012525159 T2	20121022	JP20120508805T	20100430
JP2016104014 A2	20160609	JP20150247014	20151218
MX2011011571 A1	20120213	MX20110011571	20100430
NZ596054 A	20130726	NZ20100596054	20100430
SG10201401722X A1	20140828	SG20141001722	20100430
SG175832 A1	20111229	SG20110079795	20100430
US2010285980 AA	20101111	US20100772136	20100430
US10179936 BB	20190115	US20100772136	20100430
WO10127322 A1	20101104	WO2010US33303	20100430

Priority:

US20090174890P 20090501 US20090239420P 20090902 JP20120508805T 20100430
US20100772136 20100430 WO2010US33303 20100430 JP20150247014 20151218

Probable Assignee: GENOMIC HEALTH INC

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Inventor(s): (std): CLARK LANGONE KIM ; DREW WATSON ; KIM CLARK LANGONE ; KIM LANGONE ; LANGONE KIM ; LAWRENCE LEE ; LEE LAWRENCE ; LI XITONG ; SHAK STEVEN ; STEVEN SHAK ; WATSON DREW ; XITONG LI

Agent(s): FB RICE ; FB RICE PTY LTD ; SMART AND BIGGAR ; ELLIS KATHERINE ELIZABETH SLEIGH ; JS GALE AND CO ; REINHOLD COHN AND PARTNERS ; MARKS AND CLERK SINGAPORE LLP ; GENOMIC HEALTH INC BOZICEVIC FIELD AND FRANCIS C O KATHLEEN DETERMANN ; GENOMIC HEALTH MCNEILL BAUR PLLC ; FRANCIS CAROL L

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

5) Family number: 30086065 (US2001041341A)

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Title: BIOARRAY CHIP REACTION APPARATUS AND ITS MANUFACTURE

Abstract: A body 300 having a cavity 310 for mounting a substrate 120 fabricated with probe sequences at known locations according to the methods disclosed in U.S. Pat. No. 5,143,854 and PCT WO 92/10092 or others, is provided. The cavity includes inlets 350 and 360 for introducing selected fluids into the cavity to contact the probes. Accordingly, a commercially feasible device for use in high throughput assay systems is provided.

Classifications:

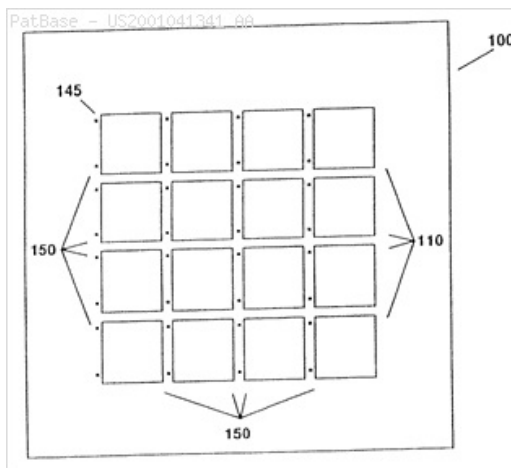
International (IPC 8-9): A61L9/01 B01F11/00 B01F13/00 B01F13/02 B01F13/08 B01F15/02 B01J19/00 B01L3/00 B01L9/00 B81B1/00 C07H21/00 C12M1/00 C12M1/34 C12N15/09 C12Q1/00 C12Q1/68 C40B30/04 C40B40/00 C40B40/06 C40B40/10 C40B40/12 C40B50/08 C40B60/14 C40B70/00 G01N21/00 G01N21/03 G01N21/78 G01N31/22 G01N33/53 G01N33/543 G01N33/545 G01N33/552 G01N35/00 G01N37/00 H01L21/00 (Advanced/Invention); B01F13/00 B01F13/02 B01F13/08 B81B1/00 C12M1/00 C12M1/34 C12N15/09 C12Q1/68 C12Q1/6874 C40B40/06 C40B40/10 C40B40/12 C40B60/14 C40B70/00 G01N21/03 G01N33/53 G01N33/543 G01N35/00 G01N37/00 (Advanced/Non-invention); B01J19/00 B01L3/00 B01L9/00 C07H21/00 C12M1/00 C12M1/34 C12N15/09 C12Q1/68 G01N21/03 G01N21/77 G01N33/53 G01N33/543 G01N33/544 G01N33/551 G01N37/00 (Core/Invention); B01F13/00 B01L3/00 B81B1/00 C40B40/04 C40B60/14 C40B70/00 G01N35/00 (Core/Non-invention)

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CPC: Y10S435/97 Y10S435/973 Y10S436/809 C12Q1/6874 G01N33/543 G01N33/54366 Y10T436/112499 Y10T436/25 B01F13/0059 B01F13/02 B01F13/08 B01J19/0046 B01J2219/00371 B01J2219/00432 B01J2219/00527 B01J2219/00529 B01J2219/00531 B01J2219/00536 B01J2219/0054 B01J2219/00547 B01J2219/00585 B01J2219/0059 B01J2219/00596 B01J2219/00605 B01J2219/00608 B01J2219/00612 B01J2219/00626 B01J2219/00659 B01J2219/00662 B01J2219/00689 B01J2219/00695 B01J2219/00711 B01J2219/00722 B01J2219/00725 B01J2219/00731 B01L3/5027 B01L9/527 B01L2200/025 B01L2200/027 B01L2200/0689 B01L2200/12 B01L2300/0636 B01L2300/0816 B01L2300/0825 B01L2300/0877 B01L2400/0487 B82Y30/00 C07H21/00 C40B40/06 C40B40/10 C40B40/12 C40B60/14 C40B70/00 G01N2035/00158 B01F13/0054 B01F13/0818 B01J2219/00286 B01J2219/00353 B01J2219/0061 B01J2219/00621 B01J2219/00637 B01J2219/00641 B01L9/52 B01L2200/147 B01L2300/0819 B01L2300/1805 B01L2400/0439 B01L2400/0442 B01L2400/0611 B01L2400/065 H01L21/67144 B01L3/502715 B01L3/502707

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US: 264/238 264/238S 366/144 366/144S 366/183.3 366/261 366/262 366/262S 422/102 422/102S 422/104 422/104S



422/400 422/400S 422/502 422/504 422/55 422/552 422/57 422/58 422/68.1 422/68.100S 422/82.05 422/82.06 422/82.07 422/82.08 422/82.09 427/2.1 427/2.11 427/2.110S 427/2.13 435/266 435/283.1 435/285.1 435/285.2 435/285.3 435/286.7 435/286.700S 435/287.2 435/287.200P 435/287.200S 435/287.3 435/287.300S 435/287.5 435/288.3 435/288.300S 435/305.4 435/305.400 435/305.400S 435/6 435/6.1 435/6.100P 435/6.11 435/6.110P 435/6.12 435/6.14 435/6.140S 435/6.16 435/68.1 435/68.100P 435/68.100S 435/6P 435/6S 435/7.1 435/7.100S 435/7.23 435/7.230S 435/91.1 435/91.2 435/970 435/973 436/164 436/174 436/174S 436/46 436/518 436/527 436/809 437/1 438/1 438/106 438/1S 506/13 506/13P 506/13S 506/16 506/16P 506/16S 506/18 506/18S 506/19 506/19S 506/23 506/23P 506/23S 506/27 506/27P 506/32 506/32S 506/33 506/33S 506/39 506/39S 506/40 506/40S 506/7 506/7P 506/9 506/9P 506/9S 530/333 530/334 536/22.1 536/23.1 536/24.3 536/24.31 536/24.32 536/24.33 702/2 702/20 702/20S
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Priority:

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Probable Assignee: AFFYMETRIX INC A DELAWARE CORPORATION

Assignee(s): (std): BESEMER DONALD M ; AFFYMETRIX INC A DELAWARE CORP ; AFFYMAX TECH NV ; AFFYMETRIX INC ; GOSS VIRGINIA W ; WINKLER JAMES L

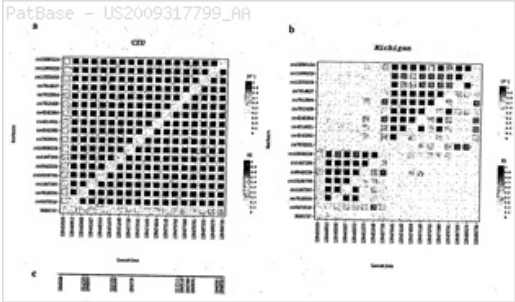
Assignee(s): GENERAL ELECTRIC CAPITAL AGENT CORP AS ; AFFYMAX TECHNOLOGIES NV ; AFFYMAX TECHNOLOGIES DE RUYDERKADE NV ; AFFYMAX TECHNOLOGIES N V ; AFUIMATSUKUSU TECHNOL NV ; GENERAL ELECTRIC CAPITAL AGENT AS CORP ; AFFYMETRIX INC A DELAWARE CORPORATION ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS ; AFFMETRIX INC
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Inventor(s): BESEMER DONALD ; WINKLER JAMES ; GOSS VIRGINIA ; VIRGINIA W GOSS ; JAMES L WINKLER ; DONALD M BESEMER
Agent(s): AFFYMETRIX INC ATTN CHIEF IP COUNSEL LEGAL DEPT; CHIEF INTELLECTUAL PATENT COUNSEL AFFYMETRIX INC; OLIVER ASHE GREENBLUM AND BERNSTEIN PLC; ZHOU WEI; KAJISA LISA T; MCGARRIGLE PHILIP L; LISA T; PHILIP L; WEI
Designated states: AT AU BE CA CH DE DK ES FR GB GR IE IT JP LI LU MC NL PT SE US

6) Family number: 33812082 (US2009317799A) © PatBase

Title: VARIANTS AT CHR8Q24.21 CONFER RISK OF CANCER

Abstract: A locus on chromosome 8q24.21 has been demonstrated to play a major role in particular forms of cancer. It has been discovered that certain markers and haplotypes are indicative of a susceptibility to particular cancers. Diagnostic applications for identifying susceptibility to cancer are described.

Classifications:
International (IPC 8-9): C12N15/09 C12Q1/68 (Advanced/Invention); G01N33/574 (Advanced/Non-invention); C12N15/09 C12Q1/68 (Core/Invention); G01N33/574 (Core/Non-invention); C12Q (Subclass/Invention)
International (IPC 1-7): C12Q1/68
CPC: C12Q1/6886 C12Q2600/106 C12Q2600/118 C12Q2600/156 C12Q2600/16 C12Q2600/172
European: C12Q1/68M6B M12Q600/106 M12Q600/118 M12Q600/156 M12Q600/160 M12Q600/172
US: 435/6 435/6.14 435/6.140P 435/6P
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JP F-Index: C12N15/00/A C12Q1/68/ZNA/A C12Q1/6886/C C12Q1/6886/Z G01N33/574/Z



Family:

Publication number	Publication date	Application number	Application date
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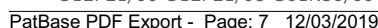
Priority:
US20050682147 20050518 US20050682147P 20050518 US20060795768P 20060428
US20060920590 20060518 WO2006IS00012 20060518

Probable Assignee: DECODE GENETICS EHF
Assignee(s): (std): AMUNDADOTTIR LAUFHEY ; DECODE GENETICS EHF ; DECORE GENETICS EHF ; GUDMUNDSSON JULIUS ; SULEM PATRICK
Assignee(s): SAGA INVESTMENTS LLC
Inventor(s): (std): AMUNDADOTTIR LAUFHEY ; GUDMUNDSSON JULIUS ; JULIUS GUDMUNDSSON ; LAUFHEY AMUNDADOTTIR ; PATRICK SULEM ; SULEM PATRICK
Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; HERBERT SMITH FREEHILLS; FPA PATENT ATTORNEYS PTY LTD; FREEHILLS PATENT ATTORNEYS; ARNASON FAKTOR; PEARL COHEN ZEDEK LATZER BARATZ; ONO SHINJIRO; KOBAYASHI YASUSHI; TOMITA HIROYUKI; CHIBA AKIO; HAMILTON BROOK SMITH AND REYNOLDS PC
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

7) Family number: 30506091 (US2006051763A) © PatBase

Title: DETECTION METHODS

US: 435/6 435/6.14 435/6.140P 435/6P 536/23.1 536/23.100S



G01N33/577 (Core/Invention)

International (IPC 1-7): A61K31/7088 A61K38/16 A61K38/17 A61K38/46 A61K39/00 A61K39/395 A61K47/48 A61K48/00 A61P35/00 C07H21/00 C07H21/04 C07K1/14 C07K1/16 C07K1/18 C07K1/30 C07K14/47 C07K16/18 C07K19/00 C07K7/04 C12N1/15 C12N1/19 C12N1/21 C12N15/02 C12N15/09 C12N15/11 C12N15/12 C12N5/06 C12N5/10 C12N5/12 C12N5/24 C12N9/20 C12P21/00 C12P21/02 C12P21/08 C12Q1/68 G01N30/02 G01N30/48 G01N30/84 G01N30/88 G01N33/53 G01N33/543 G01N33/566 G01N33/574 G01N33/577 G01N33/58

CPC: Y10S435/975 G01N33/57434 C07K14/47 C07K16/18 C07K16/3069 C07K2317/32 Y10T436/105831

European: C07K14/47 C07K16/18 C07K16/30P G01N33/574C14 M07K203/00 M07K209/00 M07K317/320

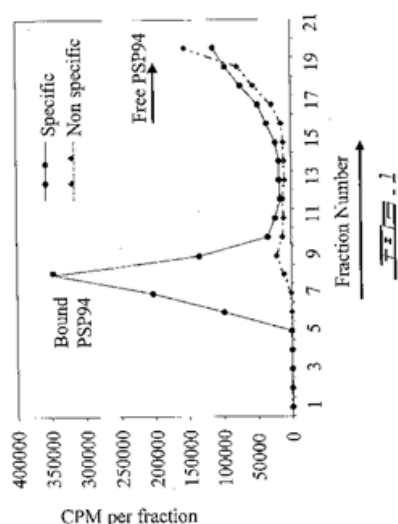
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JP F-Term: 2G045 2G063 4B024 4B024/AA01 4B024/AA11 4B024/BA44 4B024/BA80 4B024/CA04 4B024/DA02 4B024/DA05 4B024/DA06 4B024/DA11 4B024/DA12 4B024/EA04 4B024/GA11 4B024/HA12 4B024/HA15 4B064 4B064/AG01 4B064/AG27 4B064/CA02 4B064/CA05 4B064/CA06 4B064/CA10 4B064/CA19 4B064/CA20 4B064/CC24 4B064/CE04 4B064/CE10 4B064/CE11 4B064/CE12 4B064/DA05 4B064/DA14 4B065 4B065/AA01 4B065/AA57 4B065/AA72 4B065/AA90 4B065/AA93 4B065/AB01 4B065/AB05 4B065/BA02 4B065/BA08 4B065/CA24 4B065/CA25 4B065/CA44 4B065/CA46 4H045 4H045/AA10 4H045/AA11 4H045/AA20 4H045/AA30 4H045/BA10 4H045/CA42 4H045/DA75 4H045/EA28 4H045/EA51 4H045/FA72 4H045/FA74 4H045/GA06 4H045/GA21 4H045/GA23 4H045/GA26 4B024/AA12 4B024/CA12 4B024/GA03 4B065/AA91 4B065/AA92 4B065/AC14 4H045/BA41 4H045/CA40 4H045/DA76 4H045/DA89 4H045/FA50

JP F-Index: B01J20/281/R B01J20/285/N C07K1/16 C07K1/30 C07K14/47 C07K16/18 C12N1/15 C12N1/19 C12N1/21 C12N15/00/A C12N15/00/C C12N15/00/ZNA/A C12N5/00/A C12N5/00/B C12N5/00/101 C12N5/00/102 C12N5/20 C12P21/00/C C12P21/08 G01N30/02/B G01N30/48/N G01N30/48/R G01N30/84/Z G01N30/88/E G01N30/88/J G01N30/88/101/N G01N30/88/201/R G01N33/53/D G01N33/574/A G01N33/577/B C07K16/18/ZNA

PatBase - US2004009164_AA

Patent Application Publication Jan. 15, 2004 Sheet 1 of 19 US 2004/009164 A1



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Publication number	Publication date	Application number	Application date
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Priority:

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WO2006CA00982 20060614

Probable Assignee: AMBRILIA BIOPHARMA INC

Assignee(s): (std): PANCHAL CHANDRA J ; PROCYON BIOPHARMA INC ; REEVES JONATHAN ; RUISSEAU PIERRE D ; TANNER JEROME EDWARD ; TANNER EDWARD J ; AMBRILIA BIOPHARMA INC ; DU RUISSEAU PIERRE

Assignee(s): INVESTISSEMENT QUEBEC ; UNKNOWN

Inventor(s): (std): DU RUISSEAU PIERRE ; TANNER JEROME EDWARD ; RUISSEAU PIERRE DU ; PANCHAL CHANDRA J ; TANNER EDWARD JEROME ; TANNER EDWARD J ; RUISSEAU PIERRE D ; REEVES JONATHAN ; PANCHAL J CHANDRA ; JONATHAN REEVES ; J CHANDRA PANCHAL ; EDWARD JEROME TANNER

Inventor(s): PANCHAL CHANDRA ; JEROME EDWARD TANNER ; CHANDRA J PANCHAL ; RUISSEAU PIERRE ; PIERRE DU RUISSEAU ; TANNER EDWARD ; UNKNOWN

Agent(s): FB RICE; FB RICE PTY LTD; BKP GP; FASKEN MARTINEAU DUMOULIN LLP; MUELLER - HOFFMANN AND PARTNER; RONALD S KOSIE BCF LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

9) Family number: 1987102 (US4376110A)

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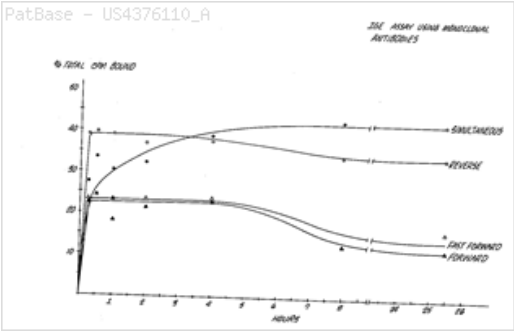
Title: IMMUNOMETRIC ASSAYS USING MONOCLONAL ANTIBODIES

Abstract: "Two-site" or "sandwich" immunometric assay techniques for determination of the presence and/or concentration of antigenic substances in fluids using monoclonal antibodies. One monoclonal antibody is presented in a soluble labeled form and a second monoclonal antibody is presented bound to a solid carrier; the soluble and bound monoclonal antibodies may

be the products of either the same or different cell lines. Each monoclonal antibody has an affinity for the antigenic substances of at least about 108 liters/mole.

Classifications:

International (IPC 8-9): G01N33/53 G01N33/542 G01N33/543 G01N33/576 G01N33/577 G01N33/58 (Advanced/Invention); G01N33/53 G01N33/536 G01N33/543 G01N33/576 G01N33/577 G01N33/58 (Core/Invention)
International (IPC 1-7): A61B G01N33/53 G01N33/54 G01N33/542 G01N33/543 G01N33/56 G01N33/577
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European: G01N33/542 G01N33/543D G01N33/576 G01N33/577 G01N33/58
US: 435/5 435/7 435/7.23 435/7.91 435/7.94 435/971 436/513 436/519 436/523 436/527 436/529 436/534 436/537 436/540 436/548 436/800
JP F-Term: 2G045
JP F-Index: G01N33/577/A G01N33/542/A G01N33/543/515 G01N33/543/561 G01N33/543/575 G01N33/543/587



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JP19810194336 19811202

Probable Assignee: HYBRITECH INC A CORP OF CA

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Agent(s): SMART AND BIGGAR; SIM AND MCBURNEY

10) Family number: 66283108 (US2019024185A)

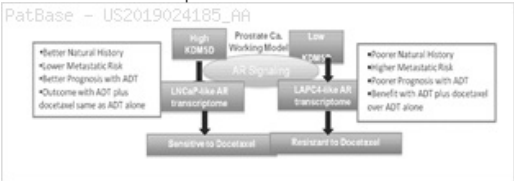
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Title: COMPOSITIONS AND METHODS FOR SCREENING AND DIAGNOSIS OF PROSTATE CANCER

Abstract: The present invention provides methods of screening for and diagnosing prostate cancer and methods of choosing a therapeutic for prostate cancer based on using KDM5D expression level to identify which patients with hormone sensitive prostate cancer benefit from primary castration and taxane and who with castration resistant prostate cancer would benefit from docetaxel plus an androgen receptor antagonists added to the ongoing castration. The disclosure also provides methods of screening for and diagnosing prostate cancer and methods of choosing a therapeutic for prostate cancer based on a lower KDM5D expression having a more aggressive clinical course of prostate cancer in human patients.

Classifications:

International (IPC 8-9): A61K31/337 A61K31/4166 A61K31/7088 A61P35/00 C07K16/40 C12N5/0783 C12Q1/26 C12Q1/6806 C12Q1/6809 C12Q1/686 C12Q1/6886 G01N33/48 G01N33/574 (Advanced/Invention); G06F19/20 (Advanced/Non-invention)
CPC: C12N5/0693 G01N33/57434 G01N2800/52 C12Q1/6886 A61P35/00 C12Q1/6806 C12Q1/686 A61K31/337 C12Q2600/158 C12Q2600/16 C12Q2600/166 C12Q2600/118 C12Q2600/112 A61K31/4166 A61K31/7088



Family:

Publication number	Publication date	Application number	Application date
AU2016381164 AA	20180712	AU20160381164	20161230
CA3010815 AA	20180627	CA20163010815	20161230
EP3397259 A1	20181107	EP20160882723	20161230
US2019024185 AA	20190124	US20160066876	20161230
WO17117486 A1	20170706	WO2016US69383	20161230

Priority:

US20150273946P 20151231 US20160066876 20161230 WO2016US69383 20161230

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Agent(s): CULLENS PTY LTD; SPRUSON AND FERGUSON; SMART AND BIGGAR; HOEIBERG P S; COUGHLIN SEAN M

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

11) Family number: 69681108 (US2018171002A)

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Title: FILAMIN A BINDING PROTEINS AND USES THEREOF

Abstract: The present invention encompasses filamin A (FLNA) binding proteins. Specifically, the invention relates to antibodies to FLNA. An antibody of the invention can be a full-length antibody or an antigen-binding portion thereof. Methods of making and methods of using the antibodies of the invention in methods of diagnosis, monitoring and prognosis or prostate cancer are also provided.

Classifications:

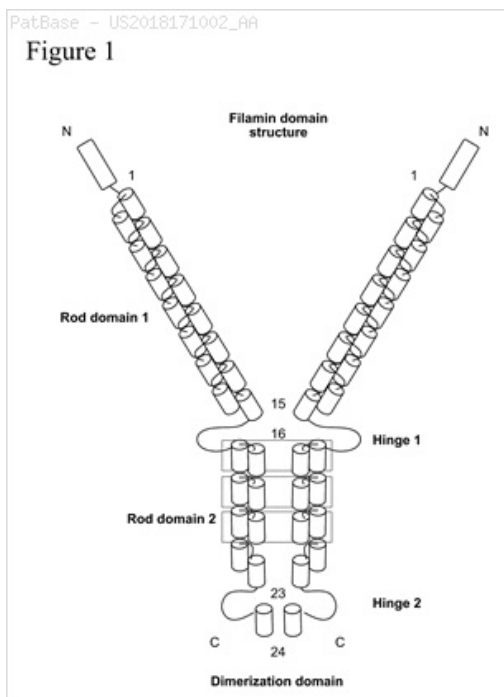
International (IPC 8-9): A01K67/027 A61K39/395 C07K16/18 C07K16/30 G01N3/50 G01N33/574 G01N33/68 (Advanced/Invention)

CPC: C07K16/18 C07K16/3069 G01N33/57434 A01K67/0275

C07K2317/565 C07K2317/56 A01K2227/105 G01N2333/47

G01N2333/96455 G01N2333/4742 C07K2317/21 A01K2217/05

C07K2317/92 G01N3/50 G01N33/574 G01N33/68

**Family:**

Publication number	Publication date	Application number	Application date
US2018171002 AA	20180621	US20170801093	20171101
WO18085431 A1	20180511	WO2017US59573	20171101
WO18085431 A8	20180607	WO2017US59573	20171101

Priority:

US20160415893P 20161101 US20170801093 20171101

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

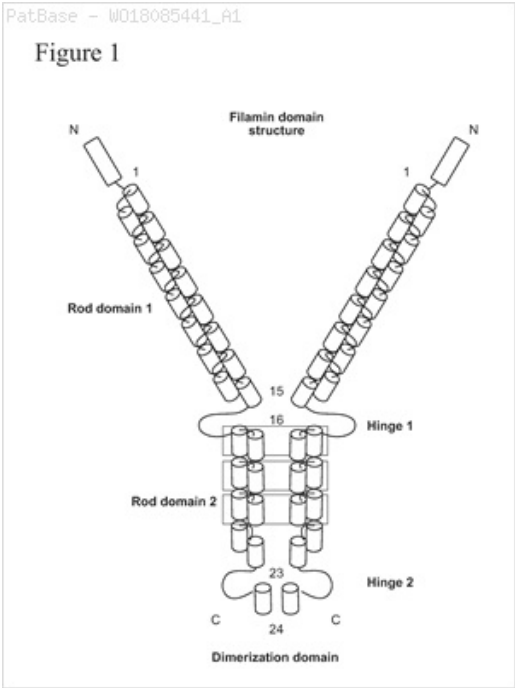
Title: FILAMIN B BINDING PROTEINS AND USES THEREOF

Abstract: The present invention encompasses filamin B (FLNB) binding proteins. Specifically, the invention relates to antibodies to FLNB. An antibody of the invention can be a full-length antibody or an antigen-binding portion thereof. Methods of making and methods of using the antibodies of the invention in methods of diagnosis, monitoring and prognosis or prostate cancer are also provided.

Classifications:

International (IPC 8-9): A61K39/395 C07K14/47 C07K16/44
G01N33/53 G01N33/68 (Advanced/Invention)

CPC: G01N33/57434 C07K14/47 C07K16/18 C07K2317/92



Family:

Publication number	Publication date	Application number	Application date
WO18085441 A1	20180511	WO2017US59586	20171101

Priority:

US20160415865P 20161101

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Inventor(s): (std): WU WENFANG

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW