

Title (en)

HIGH-THROUGHPUT SCREEN FOR MODULATORS OF CHROMATIN MODIFYING ACTIVITY

Title (de)

HOCHDURCHSATZ-SCREEN AUF MODULATOREN CHROMATIN MODIFIZIERENDER AKTIVITÄT

Title (fr)

TAMIS A HAUT RENDEMENT POUR MODULATEURS DE L'ACTIVITE DE MODIFICATION DE LA CHROMATINE

Publication

**EP 1546400 A4 20070919 (EN)**

Application

**EP 03793288 A 20030822**

Priority

- US 0326334 W 20030822
- US 40542102 P 20020823

Abstract (en)

[origin: WO2004018632A2] Disclosed herein are compositions and method useful in screening a compound for its ability to modulate the activity of a chromatin modifying enzyme. These include fusions between a targeted DNA-binding domain and a chromatin modifying enzyme (or functional fragment thereof), polynucleotides encoding such fusions, and methods for their use.

IPC 1-7

**C12Q 1/68**; **C12N 15/00**; **C12N 15/09**; **C07H 21/04**

IPC 8 full level

**C12N 9/10** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)

**C12N 9/1007** (2013.01); **C12Q 1/6897** (2013.01); **C07K 2319/00** (2013.01)

Citation (search report)

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- [X] WO 9923885 A1 19990520 - SALK INST FOR BIOLOGICAL STUDI [US], et al
- [PX] WO 02092002 A2 20021121 - BURNHAM INST [US], et al
- [A] KALKHOVEN ERIC ET AL: "The PHD type zinc finger is an integral part of the CBP acetyltransferase domain", MOLECULAR AND CELLULAR BIOLOGY, vol. 22, no. 7, April 2002 (2002-04-01), pages 1961 - 1970, XP002446153, ISSN: 0270-7306
- [PX] SNOWDEN ANDREW W ET AL: "Repression of vascular endothelial growth factor A in glioblastoma cells using engineered zinc finger transcription factors.", CANCER RESEARCH, vol. 63, no. 24, 15 December 2003 (2003-12-15), pages 8968 - 8976, XP002446154, ISSN: 0008-5472
- See references of WO 2004018632A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004018632 A2 20040304**; **WO 2004018632 A3 20040624**; AU 2003262788 A1 20040311; AU 2003262788 A8 20040311; EP 1546400 A2 20050629; EP 1546400 A4 20070919

DOCDB simple family (application)

**US 0326334 W 20030822**; AU 2003262788 A 20030822; EP 03793288 A 20030822