

Title (en)  
METHODS FOR CLONING AND MANIPULATING GENOMES

Title (de)  
VERFAHREN ZUM KLONEN UND MANIPULIEREN VON GENOMEN

Title (fr)  
PROCÉDÉS DE CLONAGE ET DE MANIPULATION DE GÉNOMES

Publication  
**EP 2542676 A1 20130109 (EN)**

Application  
**EP 10726723 A 20100519**

Priority  
• US 32226910 P 20100408  
• US 71891110 A 20100305  
• US 2010035490 W 20100519

Abstract (en)  
[origin: WO2011109031A1] Compositions and methods are disclosed herein for cloning a synthetic or a semi-synthetic donor genome in a heterologous host cell. In one embodiment, the donor genome can be further modified within a host cell. Modified or unmodified genomes can be further isolated from the host cell and transferred to a recipient cell. Methods disclosed herein can be used to alter donor genomes from intractable donor cells in more tractable host cells.

IPC 8 full level  
**C12N 15/10** (2006.01); **C12N 15/74** (2006.01)

CPC (source: EP)  
**C12N 15/1031** (2013.01); **C12N 15/1079** (2013.01); **C12N 15/66** (2013.01); **C12N 15/81** (2013.01)

Citation (search report)  
See references of WO 2011109031A1

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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011109031 A1 20110909; WO 2011109031 A8 20120920**; CN 102939380 A 20130220; EP 2542676 A1 20130109; JP 2013520989 A 20130610

DOCDB simple family (application)  
**US 2010035490 W 20100519**; CN 201080066620 A 20100519; EP 10726723 A 20100519; JP 2012556048 A 20100519