

Title (en)
METHOD TO IDENTIFY GENE FUNCTION USING SMALL MOLECULE PROBES

Title (de)
VERFAHREN ZUM IDENTIFIZIEREN VON GENFUNKTIONEN UNTER VERWENDUNG KLEINER MOLEKÜLSONDEN

Title (fr)
TECHNIQUE D'IDENTIFICATION DE FONCTION DE GENE PAR L'UTILISATION DE PETITES SONDAS MOLECULAIRES

Publication
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Application
EP 00961492 A 20000901

Priority
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• US 15247199 P 19990903

Abstract (en)
[origin: WO0118234A1] Methods for identifying genes which bind to natural products and other small molecules using a phage display system are described. Phage displaying protein which binds the target molecule are selected by affinity chromatography using a solid support to which a small molecule non-peptide bait is coupled. The selectively bound phage can then be amplified and the DNA inserts encoding the binding protein sequenced. The specifically bound protein is then useful to screen for therapeutic candidates which can then be used to treat conditions modulated by the target protein.

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Citation (search report)
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• [X] WO 9837885 A1 19980903 - GUILFORD PHARM INC [US]
• [X] US 5620971 A 19970415 - ARMISTEAD DAVID M [US], et al
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• See references of WO 0118234A1

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