

Title (en)
ASSAYS FOR NUCLEAR RECEPTOR LIGANDS USING FRET

Title (de)
TEST FÜR KERNREZEPTOR-LIGANDEN UNTER VERWENDUNG VON FRET

Title (fr)
ESSAIS POUR LIGANDS A RECEPTEURS NUCLEAIRES REPOSANT SUR LE TRANSFERT D'ENERGIE DE RESONANCE EN FLUORESCENCE

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EP 1021462 A4 20050413 (EN)

Application
EP 98956094 A 19981006

Priority
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• US 6138597 P 19971007

Abstract (en)
[origin: WO9918124A1] Provided is a method of identifying agonists and antagonists of nuclear receptors that comprises measuring agonist-dependent fluorescence resonance energy transfer (FRET) between a fluorescently labeled nuclear receptor or ligand binding domain and fluorescently labeled CREB-binding protein (CBP), p300, other nuclear co-activator, or binding portion thereof. The method is simple, rapid, and inexpensive. Nuclear receptors and nuclear receptor co-activators labeled with fluorescent reagents for use in the above-described method are also provided.

IPC 1-7
C07K 14/435; **C07K 14/705**; **C09K 11/06**; **G01N 33/53**; **G01N 33/566**

IPC 8 full level
C07K 14/435 (2006.01); **C07K 14/475** (2006.01); **C07K 14/705** (2006.01); **C09K 11/06** (2006.01); **G01N 33/536** (2006.01); **G01N 33/542** (2006.01); **G01N 33/566** (2006.01); **G01N 33/58** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP)
C07K 14/475 (2013.01); **C07K 14/705** (2013.01); **G01N 33/542** (2013.01); **G01N 33/566** (2013.01); **G01N 33/6875** (2013.01); **G01N 2333/70567** (2013.01); **G01N 2500/00** (2013.01)

Citation (search report)
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• See references of WO 9918124A1

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