

Title (en)

DIFFERENTIAL LIGAND ACTIVATION OF ESTROGEN RECEPTORS ER ALPHA AND ER BETA AT AP1 SITES

Title (de)

DIFFERENTIELLE LIGANDAKTIVIERUNG DES ÖSTROGENREZEPTORS ER ALPHA UND ER BETA AN DER AP1 BINDUNGSSTELLE

Title (fr)

ACTIVATION DIFFERENTIELLE DES LIGANDS DES RECEPTEURS ER ALPHA ET ER BETA DE L'OESTROGENE DANS LES SITES AP1

Publication

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Application

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Abstract (en)

[origin: WO9911760A1] This invention provides methods of screening test compounds for the ability to activate or inhibit estrogen receptor beta (ER beta) mediated gene activation at an AP1 site. In particular, the methods involve providing a cell comprising an estrogen receptor beta (ER beta), AP1 proteins, and a construct comprising a promoter comprising an AP1 site which regulates expression of a first reporter gene. The cell is contacted with the test compound and changes in expression levels of the reporter gene are detected indicating whether the test compounds activate transcription, inactivate transcription or have no effect at the AP1 site.

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