

Title (en)

TARGET ASSISTED ITERATIVE SCREENING (TAIS) : A NOVEL SCREENING FORMAT FOR LARGE MOLECULAR REPERTOIRES

Title (de)

TARGET-ASSISTIERTES ITERATIVES SCREENING (TAIS): EIN NEUES SCREENING-FORMAT FÜR GROSSE MOLEKULARE REPERTOIRES

Title (fr)

CRIBLAGE ITERATIF ASSISTE PAR CIBLES (TAIS), NOUVEAU FORMAT DE CRIBLAGE POUR GRANDS REPERTOIRES MOLECULAIRES

Publication

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Application

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Abstract (en)

[origin: WO03029821A1] This invention provides a new in vitro screening method for the detection of protein-protein and other interactions. The method has been developed and applied to a commercial cDNA library to search for novel protein-protein interactions. PDZ, WW and SH3 domains from PSD95, Nedd4, Src, Abl and Crk proteins were used as test targets. 12 novel putative and 2 previously reported interactions were identified for 6 protein interaction modules in test screens. The novel screening format, dubbed TAIS (target-assisted iterative screening), provides an alternative platform to existing technologies for a pair-wise characterization of protein-protein, and other, interactions.

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IPC 8 full level

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