

Title (en)

CYSTEINE MUTANTS AND METHODS FOR DETECTING LIGAND BINDING TO BIOLOGICAL MOLECULES

Title (de)

CYSTEINMUTANTEN UND VERFAHREN ZUM NACHWEIS DER BINDUNG VON LIGANDEN AN BIOLOGISCHE MOLEKÜLE

Title (fr)

MUTANTS DE CYSTEINE ET PROCEDES DE DETECTION DE LIAISON DE LIGANDS A DES MOLECULES BIOLOGIQUES

Publication

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Application

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Abstract (en)

[origin: WO03014308A2] The present invention relates generally to variants of target biological molecules ("TBMs") and to methods of making and using the same to identify ligands of TBMs. More specifically, the invention relates to individual variant TBMs and sets of variant TBMs, each of which represents a modified version of a protein of interest where a thiol has been introduced at or near a site of interest. Ligands of TBMs are identified in part through the formation of a covalent bond between a potential ligand and a reactive thiol on the TBM.

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