

Title (en)

METHOD FOR IDENTIFYING INTERACTION PARTNERS USING PHAGE DISPLAY

Title (de)

VERFAHREN ZUR IDENTIFIZIERUNG VON INTERAKTIONSPARTNERN MITTELS PHAGE DISPLAY

Title (fr)

PROCEDE D'IDENTIFICATION DE PARTENAIRES D'INTERACTION AU MOYEN DE L'EXPRESSION PHAGIQUE

Publication

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Application

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Abstract (en)

[origin: US2005042598A1] A method for identifying/selecting interaction partners which interact with a target molecule, with the aid of a support to which anchor molecules are applied that form a polymer-free surface to which affinity ligands are covalently bonded, said ligands being brought into contact with viruses that have a plurality of peptides or proteins as interaction partners on their surface is described. The method described guarantees an accumulation of viruses which present specific interaction partners by an optionally cyclic repetition of the selection. Optionally, selected specific interaction partners are expressed recombinantly once the coding nucleotide has been identified. Furthermore, a surface and its use for a phage display method are described.

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IPC 8 full level

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