

Title (en)

HIGH THROUGHPUT SCREENING (HTS) ASSAYS FOR PROTEIN VARIANTS WITH REDUCED ANTIBODY BINDING CAPACITY

Title (de)

VERFAHREN MIT EINER HOHEN UMSATZRATE (HTS) MIT PROTEIN VARIANTEN REDUZIERTEM BINDUNGSKAPAZITÄT DER ANTIKÖRPERN

Title (fr)

ESSAI PAR CRIBLAGE A HAUT DEBIT

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Application

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Abstract (en)

[origin: WO0131989A2] The present invention is to provide a method to perform assays that efficiently and accurately can screen large numbers of cell populations producing variants of a molecule of interest. The present invention relates more specifically to a method for screening a library of protein variants for functional variants with reduced antibody binding capacity, comprising the steps of: (i) generating a diversified library of protein variants starting from a relevant protein backbone, (ii) transforming the library into suitable host cells, (iii) culturing host cells, (iv) sampling each cell culture, (v) analysing a sample by determining the antibody binding capacity of the variant protein, (vi) analysing a sample by determining the functionality of the variant protein.

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