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(54) Title: OB-FOLD USED AS SCAFFOLD FOR ENGINEERING NEW SPECIFIC BINDERS

(57) Abstract: The present invention pertains to the field of protein engineering, and provides means for obtaining stable molecules that specifically bind to a target selected amongst a large variety of ligands families. In particular, the present invention provides methods for obtaining a molecule specifically binding to a target of interest, through a combinatorial mutation/selection approach with an OB-fold protein as a starting molecule. In particular, the target of interest can be of a different chemical nature from that of the native target of the OB-fold protein used as the starting molecule.



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