

METHOD FOR DETERMINING INTERACTION OF A POLYPEPTIDE WITH A POTENTIAL BINDING PARTNER

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ABSTRACT

A method for determining interaction of a polypeptide with a potential binding partner is provided. The method includes a) providing a mixture comprising the polypeptide, the potential binding partner, and metallic nanoparticles; b) subjecting the mixture to at least one
10 of (i) an electrolyte and (ii) temperature increase; and c) determining the interaction of the polypeptide with the potential binding partner by determining degree of aggregation of the metallic nanoparticles. A method for identifying a binding partner for a polypeptide of interest is also provided.

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FIG. 1