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(54) Title of the Invention: **Method of screening candidate biochemical entities targeting a target biochemical entity**
Abstract Title: **Method of screening candidate biochemical entities targeting a target biochemical entity**

(57) Described herein are methods useful for screening candidate biochemical entities targeting a target biochemical entity and methods useful for identifying a binding moiety for a target biochemical entity. The invention provides methods of screening drug candidates targeting a target biomolecule, comprising selecting a drug candidate based on a signal difference between a first signal and a second signal. The signal difference indicates a difference in an in vivo or in vitro pharmacological property. The first signal is produced upon binding between the target biomolecule and a first candidate by contacting the target biomolecule with the first candidate, and the second signal is produced upon binding between the target biomolecule and a second candidate by contacting the target biomolecule with the second candidate.

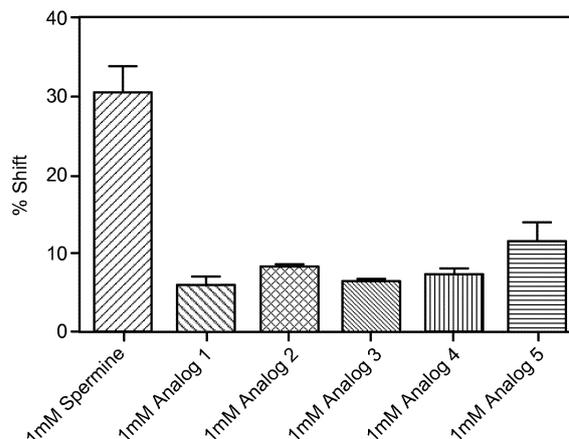


FIG. 4B