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(54) Title: ANTIBODIES DIRECTED AGAINST PROGRAMMED DEATH-1 (PD-1)

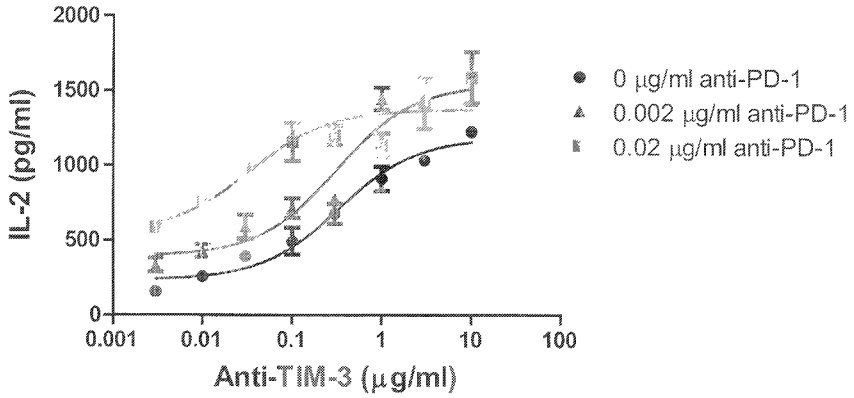


FIG. 2

(57) Abstract: The invention relates to an isolated immunoglobulin heavy chain polypeptide and an isolated immunoglobulin light chain polypeptide that bind to a programmed death-1 (PD-1) protein. The invention provides a PD-1-binding agent that comprises the aforementioned immunoglobulin heavy chain polypeptide and immunoglobulin light chain polypeptide. The invention also provides related vectors, compositions, and methods of using the PD-1-binding agent to treat a cancer or an infectious disease.

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