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(54) **Title**: BIOMARKERS AND METHODS OF TREATING PD-1 AND PD-L1 RELATED CONDITIONS

(57) **Abstract**: Provided herein are biomarkers for the treatment of pathological conditions, such as cancer, and method of using PD-1/PD-L1 pathway antagonists. In particular, provided are biomarkers for patient selection and prognosis in cancer, as well as methods of therapeutic treatment, articles of manufacture and methods for making them, diagnostic kits, methods of detection and methods of advertising related thereto.

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