

**CLAIMS**

1. A method for identifying an individual having a cancer who is a poor responder to treatment with an agent that neutralizes the inhibitory activity of human PD-1, the method comprising:

- 5           (a)   determining levels of NKG2A expression on NK and/or CD8 T cells and/or numbers of NKG2A-expressing NK and/or CD8 T cells in an individual who has been treated with an agent that neutralizes the inhibitory activity of human PD-1; and
- (b)   upon a determination that the individual has increased levels of NKG2A expression on NK and/or CD8 T cells and/or increased numbers of NKG2A-expressing
- 10          NK and/or CD8 T cells, identifying the individual as a poor responder to treatment with an agent that neutralizes the inhibitory activity of human PD-1.