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(54) Title: MULTISPECIFIC BINDING MOIETIES COMPRISING NOVEL PD-1 BINDING DOMAINS

(57) Abstract: The present disclosure relates to multispecific binding moieties comprising novel PD-1 binding domains that have a higher binding affinity for human PD-1 than a reference PD-1 binding domain. Such multispecific binding moieties further provide a comparable, or equal or higher, potency in blocking ligand binding to human PD-1 than a reference PD-1 antibody. The present disclosure in particular relates to multispecific binding moieties comprising a novel PD-1 binding domain and a LAG-3 binding domain. Also provided is a method for treating a disease, in particular a disease associated with a suppressed immune system, such as cancer, with a multispecific binding moiety of the present disclosure. The present disclosure further relates to a vector and cell comprising nucleic acids encoding a novel PD-1 binding domain and a LAG-3 binding domain.