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(54) Title: HLA CLASS I-RESTRICTED T CELL RECEPTORS AGAINST RAS WITH G12D MUTATION

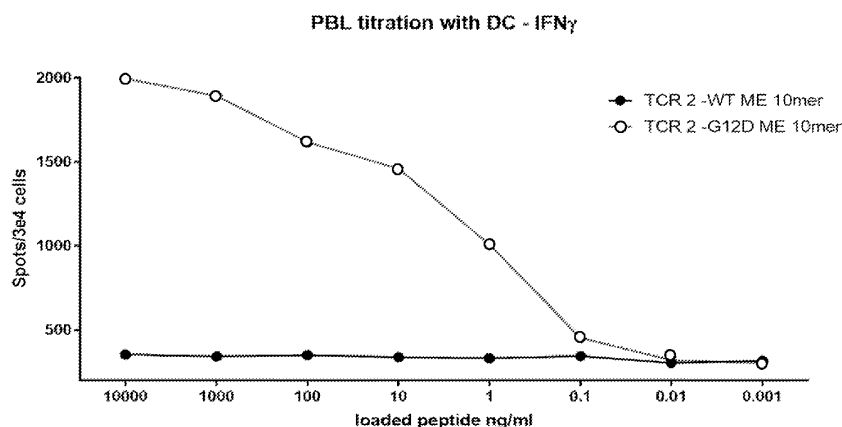


Fig. 4A

(57) Abstract: Disclosed is an isolated or purified T cell receptor (TCR), wherein the TCR has antigenic specificity for a mutated human RAS amino acid sequence with a substitution of glycine at position 12 with aspartic acid presented by a human leukocyte antigen (HLA) Class I molecule. Related polypeptides and proteins, as well as related nucleic acids, recombinant expression vectors, host cells, populations of cells, and pharmaceutical compositions are also provided. Also disclosed are methods of detecting the presence of cancer in a mammal and methods of treating or preventing cancer in a mammal.

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