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(54) Title: HLA CLASS II-RESTRICTED T CELL RECEPTORS AGAINST RAS WITH G12V MUTATION

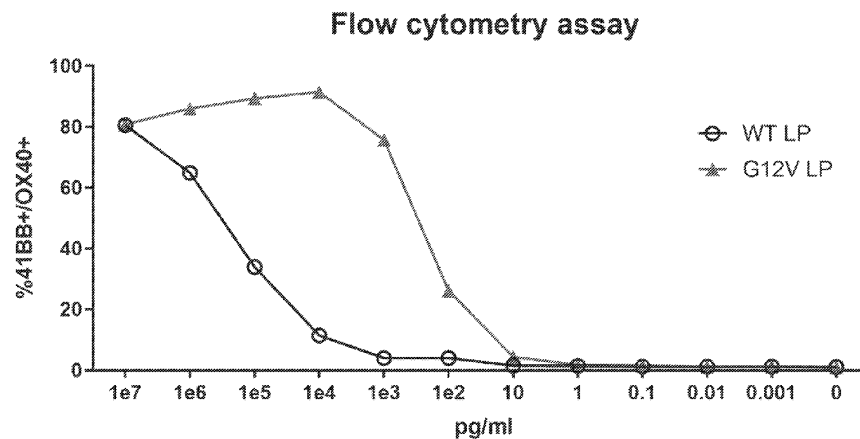


Figure 2B

(57) Abstract: Disclosed are isolated or purified T cell receptors (TCRs), wherein the TCRs have antigenic specificity for a mutated RAS amino acid sequence presented by a human leukocyte antigen (HLA) Class II 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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