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(54) Title: RAS NEOANTIGENS AND USES THEREOF

(57) Abstract: Compositions and methods for preparing T cell compositions and uses thereof are described, including methods for treating cancer in a subject in need thereof by administering T cells induced with peptides comprising at least one of KRAS epitope having a sequence GACGVGKSA that binds to a protein encoded by an HLA allele C03:04; or having a sequence GAVGVGKSA that binds to a protein encoded by an HLA allele C03:03 wherein the respective protein encoded by the HLA allele is expressed in a cell of the subject. Also included are immunogenic compositions comprising peptide(s) comprising an epitope described above, or antigen presenting cells loaded with the peptide(s) comprising the epitope.



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