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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

(54) Title: METHODS AND COMPOSITIONS COMPRISING MHC CLASS I PEPTIDES

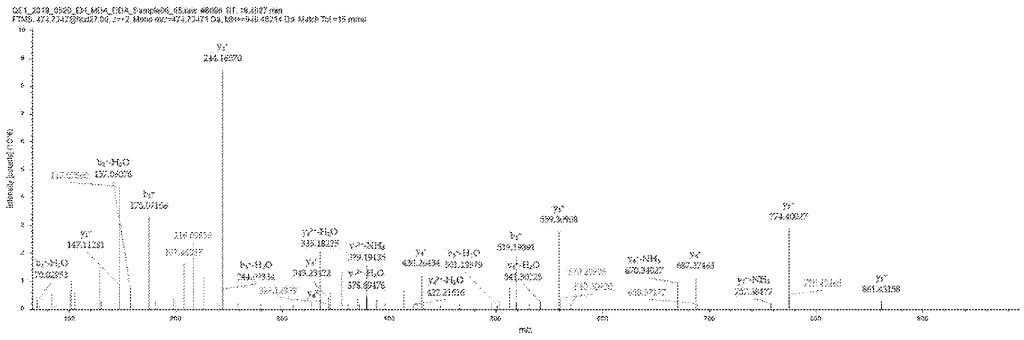


FIG. 1

(57) **Abstract:** The current disclosure fulfills a need in the art by providing methods and compositions for treating and vaccinating individuals against cancer. Accordingly, aspects of the disclosure relate to an isolated peptide comprising at least 70% sequence identity to a peptide of SEQ ID NO:1 or 2. In some embodiments, the peptide comprises at least 6 contiguous amino acids of a peptide of SEQ ID NO:1 or 2. Further aspects relate to pharmaceutical compositions comprising the isolated peptide, nucleic acids encoding the peptide, and expression vectors and host cells comprising the nucleic acids of the disclosure. Also provided is an *in vitro* isolated dendritic cell comprising a peptide, nucleic acid, or expression vector of the disclosure.

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