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(54) Title: ANTIGEN COMBINATION AND METHODS AND USES THEREOF

(57) Abstract: The present invention relates to an antigen combination comprising *Treponema pallidum* (Tp) antigens. The present invention also relates to vectors, polynucleotides, host cells and methods for producing such antigen combinations. The present invention also relates to method and uses of such antigen combinations. The present invention also relates to compositions, assays and kits and the methods and uses thereof.