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(54) **PLASMODIUM VIVAX HYBRID CIRCUMSPOROZOITE PROTEIN AND VACCINE**

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(52) **U.S. Cl.**
USPC **536/23.7**; 536/23.1; 536/23.4; 435/69.1; 435/69.7

(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

Described in this application is a synthetic *P. vivax* circumsporozoite protein useful as a diagnostic reagent, for antibody production, and as a vaccine protective against infection with any strain of *P. vivax*.

11 Claims, 5 Drawing Sheets