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(54) Title: *aopB* GENE, PROTEIN, HOMOLOGS, FRAGMENTS AND VARIANTS THEREOF, AND THEIR USE FOR CELL SURFACE DISPLAY

(57) Abstract: The present invention provides an *Agrobacterium tumefaciens* outer membrane protein designated *aopB*, its variants, homologs and fragments and corresponding DNA molecules. The invention also relates to a method whereby *aopB*-related proteins are used as carriers to display passenger proteins on the surface of bacteria. Display of the passenger protein permits applications such as live vaccine development, library screening, protein purification, bio-decontamination, and whole cell catalysis.