Abstract

CHIMERIC POLYPEPTIDES

A chimeric or fusion protein for inducing an immune response to *P. gingivalis*, the protein comprising a first polypeptide linked to a second polypeptide, wherein: A) the first polypeptide comprises or consists of an amino acid sequence of the active site of an Arg- or Lys-gingipain of *P. gingivalis*, or a sequence that is at least 80% identical thereto; and B) the second polypeptide comprises or consists of an amino acid sequence of an adhesin domain of an Arg- or Lys-gingipain of *P. gingivalis*; and wherein the second polypeptide: a) does not comprise part or all of the sequence of a cleaved adhesin domain (CAD), preferably; and/or b) comprises an amino acid sequence corresponding substantially to the full length of the DUF2436 domain of an Arg- or Lys-gingipain, or a sequence at least 80% identical thereto.

No accompanying figure