

Claims

1. A composition comprising a recombinant respiratory syncytial virus (RSV) Fusion (F) polypeptide, wherein the polypeptide comprises SEQ ID NO: 21.
2. A composition comprising a recombinant respiratory syncytial virus (RSV) Fusion (F) polypeptide, wherein, as compared to a wild type RSV F polypeptide, the recombinant RSV F polypeptide comprises: (i) a mutation of the amino acid at position 486 from aspartic acid (D) to asparagine (N), and (ii) at least one of a. a mutation of the amino acid residue at position 67 from asparagine (N) or threonine (T) to isoleucine (I), and b. a mutation of the amino acid residue at position 215 from serine (S) to proline (P).
3. The composition of claim 2, wherein the recombinant RSV F polypeptide comprises: (i) the mutation of the amino acid at position 486 from aspartic acid (D) to asparagine (N), (ii) the mutation of the amino acid residue at position 67 from asparagine (N) or threonine (T) to isoleucine (I), and (iii) the mutation of the amino acid residue at position 215 from serine (S) to proline (P).