

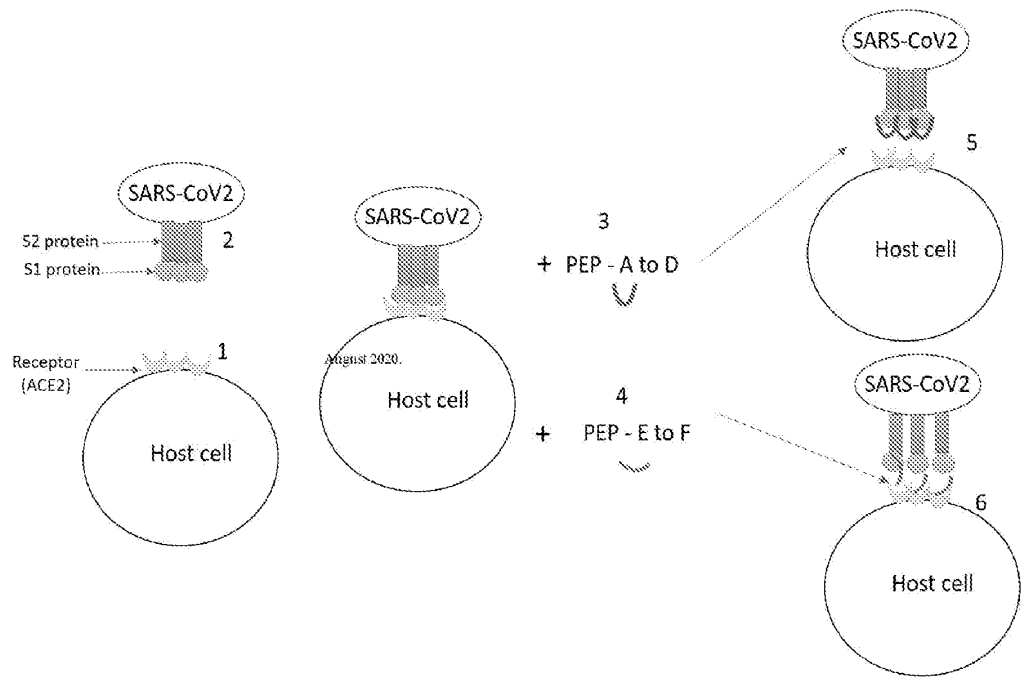


FIG. 1

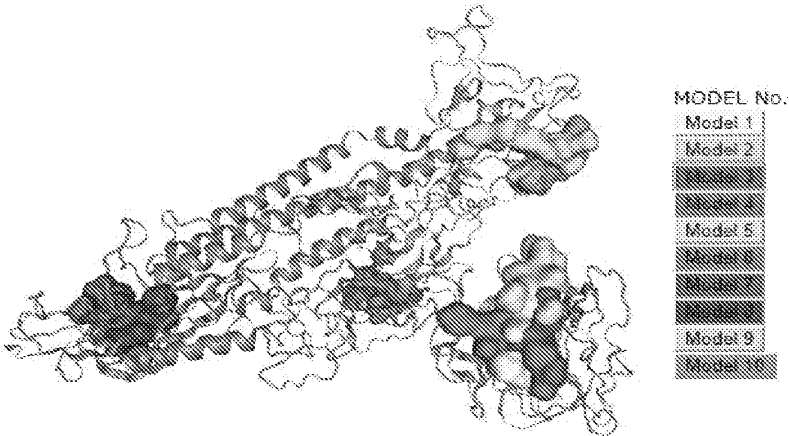


FIG2A

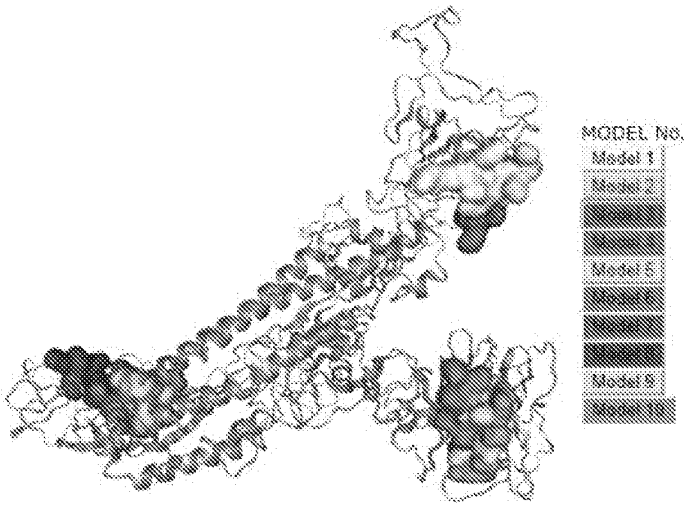


FIG. 2B

3/13

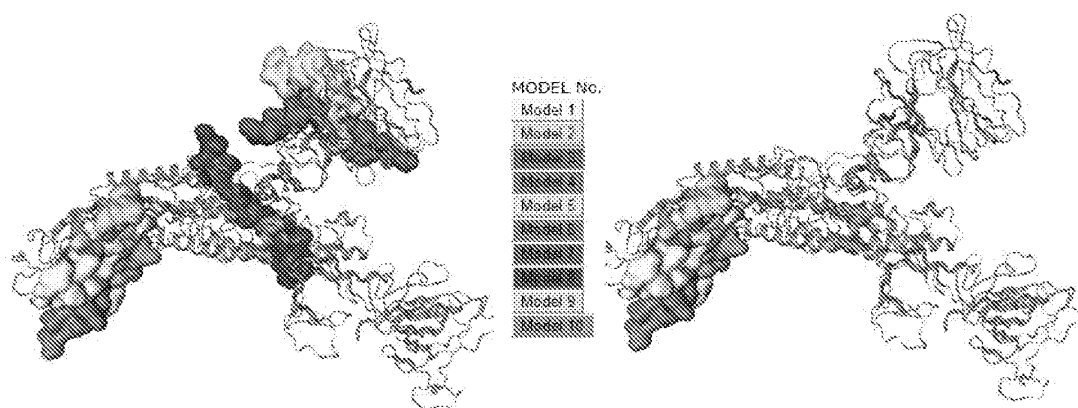


FIG. 2C

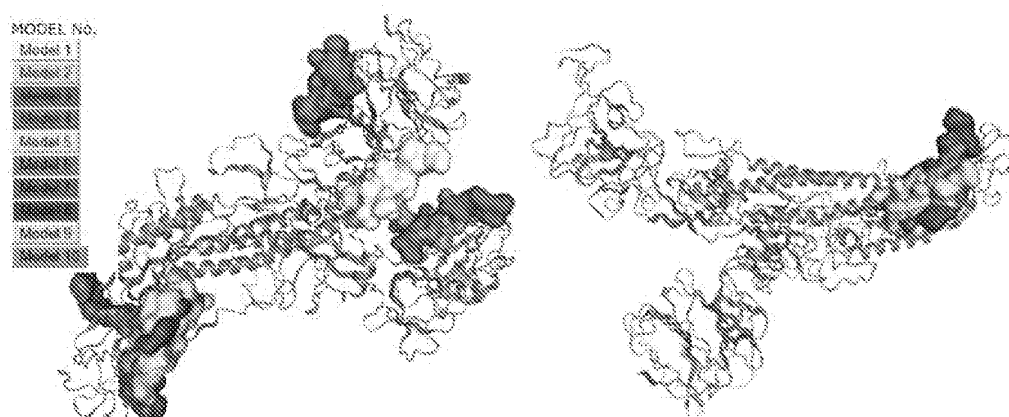


FIG. 2D

4/13

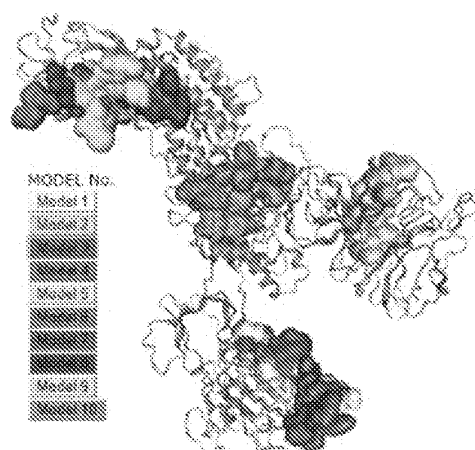


FIG. 2E

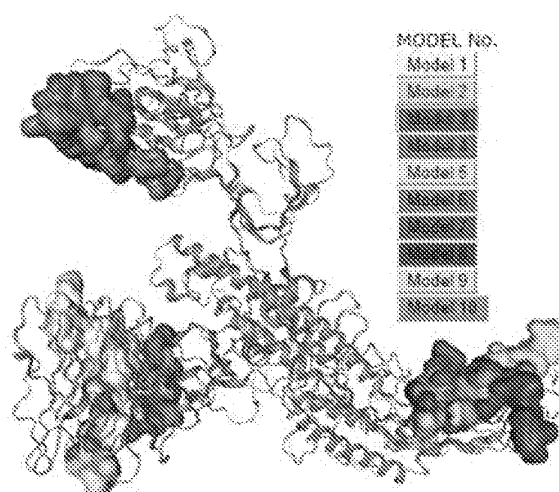


FIG.2F

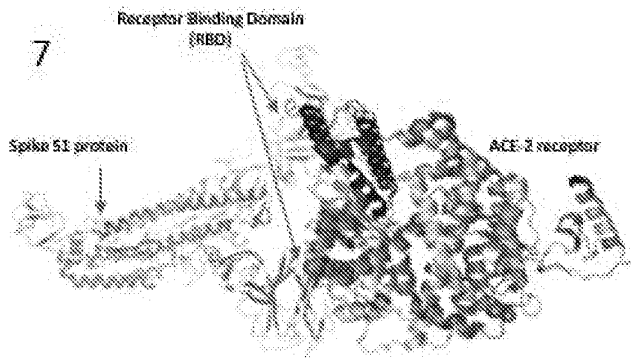


FIG. 3A



FIG. 3B

6/13

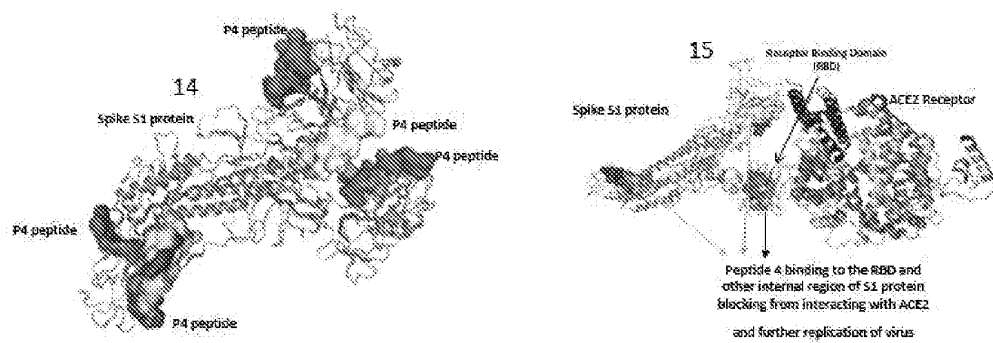


FIG. 3C

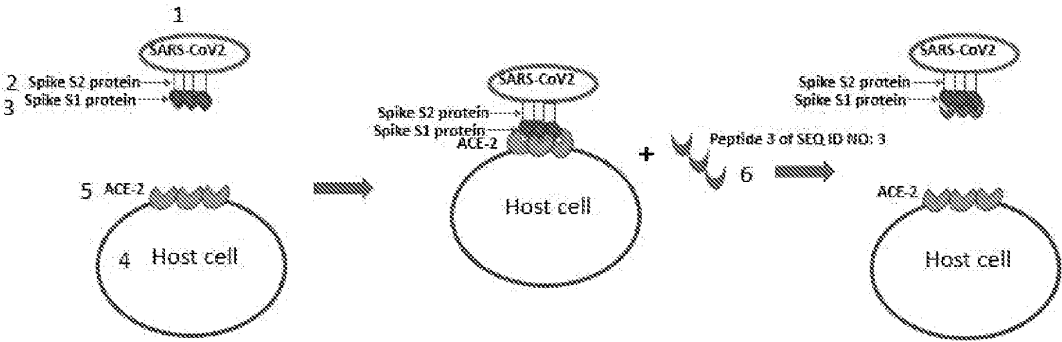


FIG. 4A

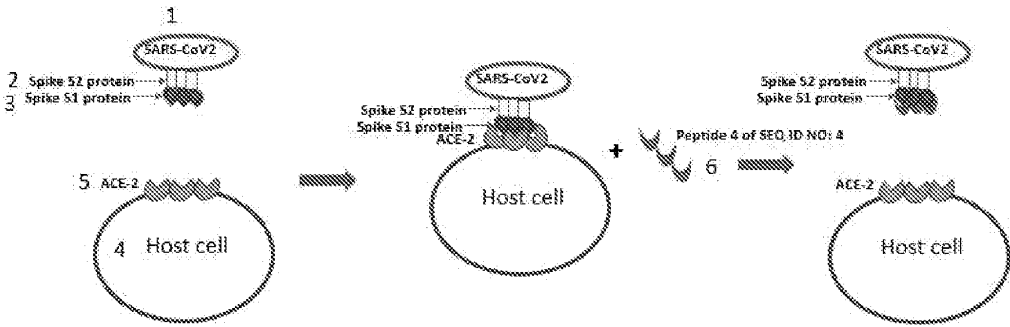


FIG. 4B

8/13

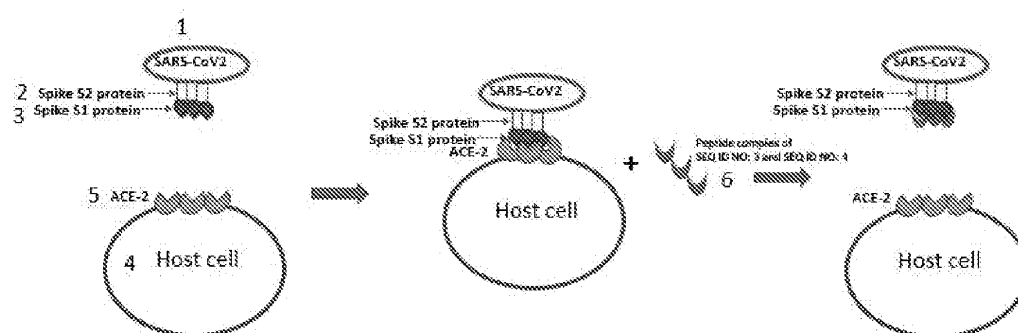


FIG. 4C

9/13

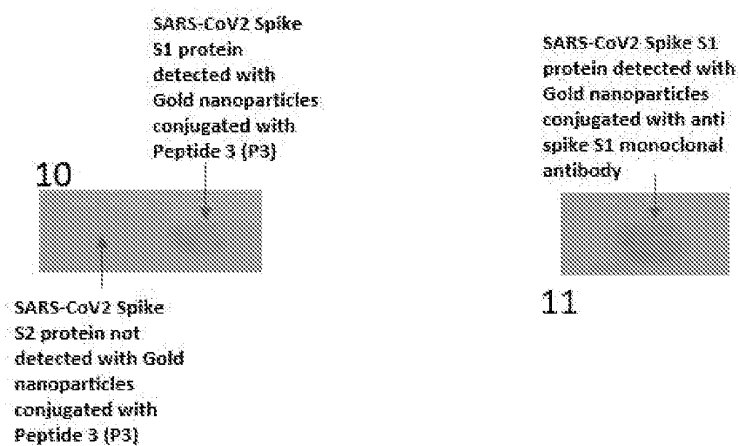


FIG. 5A

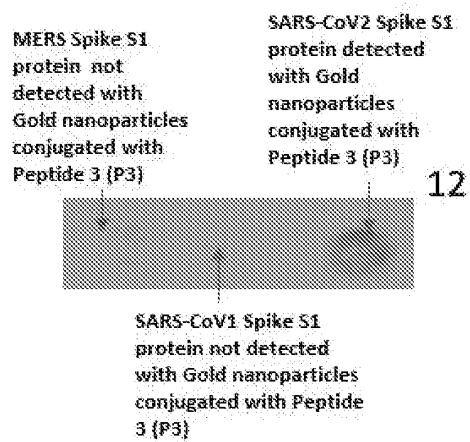


FIG. 5B

10/13

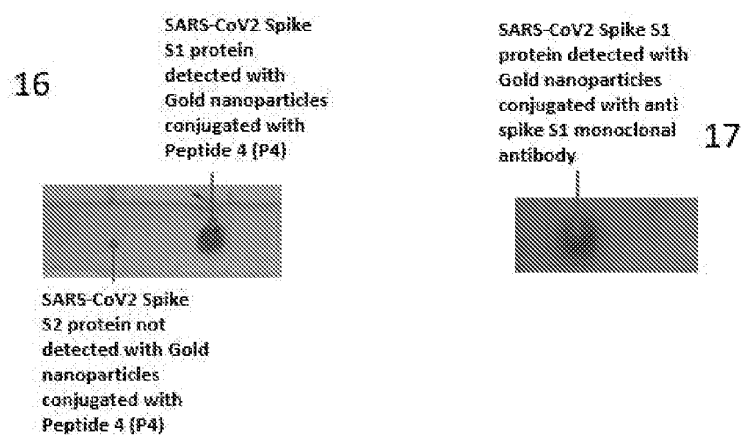


FIG. 6A

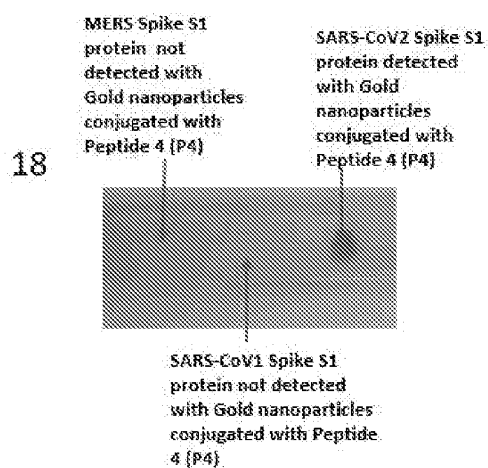


FIG. 6B

His-Tag recombinant S1 protein was bound to beads and incubated with recombinant ACE-2 for binding with and without Peptide-3.

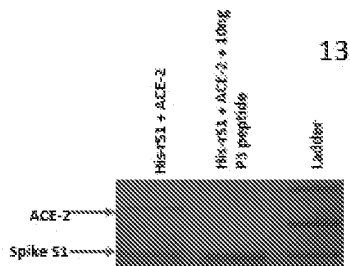


FIG. 7A

19
Ni-NTA column was used for studying protein-protein interactions.



FIG. 7B (I)

20
His-Tag recombinant S1 protein was bound to beads and incubated with recombinant ACE-2 for binding with and without Peptide-4.

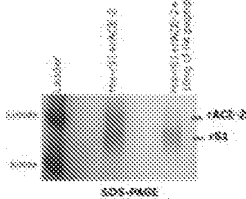
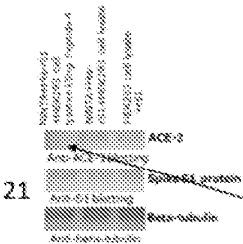


FIG. 7B (II)



His-Tag recombinant S1 protein was bound to Ni-NTA beads and incubated with HEK 293 cell lysate to bind to ACE-2 receptor with and without peptide-4.

In presence of peptide-4 S1 protein did not interact with ACE-2 receptor on HEK293 cells.

FIG. 7B (III)

FIG. 7B

13/13

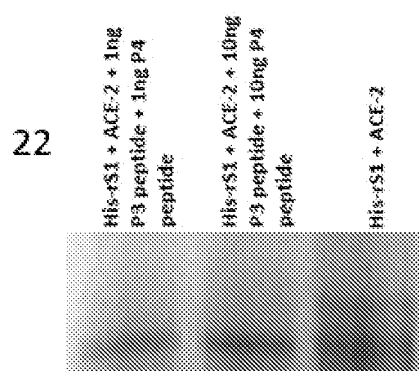


FIG. 8