ABSTRACT

PROTEIN ANTIGEN-BINDING MOLECULES

The present disclosure provides antigen-binding molecule capable of binding to a sarbecovirus spike protein from two or more different sarbecovirus. Nucleic acids, expression vectors, and cells for making and using the same. In particular antigen-binding molecules such as neutralising antibodies capable of inhibiting interaction between the sarbecovirus spike protein and ACE2, thus behaving as antagonists of infection of ACE2-expressing cells by the sarbecovirus. Antigen-binding molecules described herein are provided with a combination of advantageous properties over known SARS-CoV-2 antibodies.

Figure 3