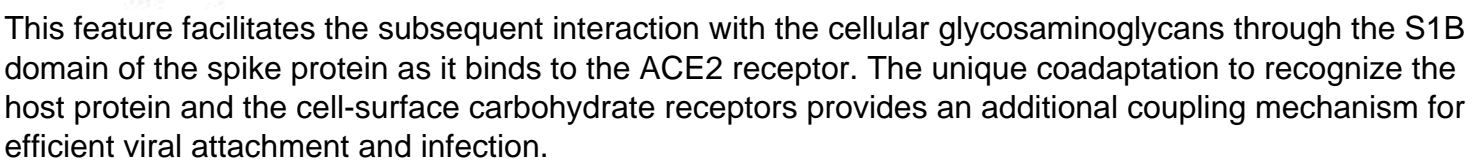




### Description

The SARS-CoV-2 virus enters the host cell through the spike protein that binds to the host ACE2 cell surface protein. However, the role of the putative sugar-binding sites in the spike protein has remained unclear. The authors provide a comprehensive *in silico* outlook into the infection initiation wherein the virus recognizes the sialosides on the cell via its S1A domain of the spike protein as it surfs over the cell surface.



## 1. News

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