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| Predicted epitope | IEDB ID | Sequence | MHC molecule | Assay description |
| Spike 200-215 | 1330367 | YFKIYSKHTPINLVRD | HLA class II | cellular MHC/mass spectrometry ligand presentation **Positive** |
| Spike84-92 | 1321049 | LPFNDGVYF | HLA-B\*51:01HLA-B\*07:02HLA-B\*35:01 | biological activity activation **Positive** |
| Spike202-210 | 1319559 | KIYSKHTPI | HLA-B\*08:01 | biological activity activation **Positive** |
| Spike238-252 | 1329417 | FQTLLALHRSYLTPG | HLA class II | cellular MHC/mass spectrometry ligand presentation **Positive** |