***Table 2.*** *Number of salt bridges formed between RBD and each chain of SARS-CoV-2 S protein (chain A, B and C), along with the total number of salt bridges. Values are averaged over the last 100 ns of MD simulation, representing bridges present in more than 10% of the frames.*

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Native | Oxidized |
| RBD | chain A | 1.40 ± 0.19 | 1.95 ± 0.02 |
| chain B | 0.70 ± 0.21 | 1.11 ± 0.13 |
| chain C | 0.18 ± 0.13 | 0.12 ± 0.06 |
| total | 2.28 ± 0.31 | 3.18 ± 0.14 |