**Supplementary Files**

**An Integrative Reverse Vaccinology, Immunoinformatic, Docking and Simulation Approaches Towards Designing of Multi-epitopes Based Vaccine Against Monkeypox Virus**

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**Table S1.** Accession no of proteomes used in the study.

|  |  |
| --- | --- |
| **Serial number** | **Accession number** |
| 1 | ASM645832v1\_protein |
| 2 | ASM645838v1\_protein |
| 3 | ASM645866v1\_protein |
| 4 | ASM645886v1\_protein |
| 5 | ASM645888v1\_protein |
| 6 | ASM646512v1\_protein |
| 7 | ASM646514v1\_protein |
| 8 | ASM646516v1\_protein |
| 9 | ASM646526v1\_protein |
| 10 | ASM646528v1\_protein |
| 11 | ASM646530v1\_protein |
| 12 | ASM646536v1\_protein |
| 13 | ASM646542v1\_protein |
| 14 | ASM646570v1\_protein |
| 15 | ASM646572v1\_protein |
| 16 | ASM646574v1\_protein |
| 17 | ASM646582v1\_protein |
| 18 | ASM646584v1\_protein |
| 19 | ASM646590v1\_protein |
| 20 | ASM647196v1\_protein |
| 21 | ASM1433735v1\_protein |
| 22 | ASM1433736v1\_protein |
| 23 | ASM1433737v1\_protein |
| 24 | ASM1433738v1\_protein |
| 25 | ASM1433738v1\_protein |
| 26 | ASM1433739v1\_protein |
| 27 | ASM1433740v1\_protein |
| 28 | ASM1433741v1\_protein |
| 28 | ASM1433742v1\_protein |
| 30 | ASM1433743v1\_protein |
| 31 | ASM1433743v1\_protein |
| 32 | ASM1433744v1\_protein |
| 33 | ASM1462154v1\_protein |
| 34 | ASM1462155v1\_protein |
| 35 | ASM1462155v1\_protein |
| 36 | ASM1462157v1\_protein |
| 37 | ASM1462158v1\_protein |
| 38 | ASM1462159v1\_protein |
| 39 | ASM646592v1\_protein |



**S-Fig.1.** Duplicate simulation of complexes using different initial velocity.