**S1 Table. Protein-protein interfaces and crystallization conditions of all IAV NTDM1 structures deposited to the protein data bank at rcsb.org**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PDB | pH | C2-symmetry interface | Stacked interface | Lateral interface | No interface | Asymmetric unit |
|  |  | A close up of sunglasses  Description automatically generated | A close up of a mirror  Description automatically generated | A picture containing mirror, object  Description automatically generated |  |  |
| 2Z16 | 8 |  |  |  | Checkmark | 2 monomers |
| 6I3H (G18A) | 7.5 |  |  | Checkmark |  | 2 monomers |
| 5V8A (G88R) | 7.3 |  | Checkmark | Checkmark |  | 1 monomer |
| 1EA3 | 7 |  | Checkmark | Checkmark |  | Stacked dimer |
| 3MD2 | 7 | Checkmark | Checkmark |  |  | C2-symmetry dimer |
| 5V7B (G88E) | 7 | Checkmark |  |  |  | C2-symmetry dimer |
| 5V7S (G88E) | 6.2 | Checkmark | Checkmark |  |  | Trimer with C2-symmetry and stacked interface |
| 5V6G (G88R) | 5.5 | Checkmark | Checkmark |  |  | Trimer with C2-symmetry dimer Stacked dimer |
| 5CQE | 5 | Checkmark | Checkmark |  |  | C2-symmetry dimer |
| 4PUS | 4.7 | Checkmark |  |  |  | C2-symmetry dimer |
| 1AA7 | 4 | Checkmark | Checkmark |  |  | C2-symmetry dimer |