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|  | **CARD8-CT Filament** |
| **Data collection and processing** |
| Magnification  | 96,000 |
| Voltage (kV) | 300 |
| Electron exposure (e–/Å2) | 40.0 |
| Defocus range (μm) | −0.8 to −2.2 |
| Physical pixel size (Å) | 0.8315 |
| Symmetry imposed | Helical |
| Initial particle images (no.) | 287,568 |
| Final particle images (no.) | 111,333 |
| Map resolution (Å)at FSC threshold 0.143 | 3.3 |
|  |  |
| **Refinement** |  |
| Initial model used  | 4IKM, 6N1I |
| Model resolution (Å)at FSC threshold 0.5 | 3.5 |
| Map sharpening *B* factor (Å2) | −72.6 |
| **Model composition**Non-hydrogen atomsProtein residues | 11,0561360 |
| **R.m.s. deviations**Bond lengths (Å)Bond angles (°) | 0.0090.812 |
| **Validation**MolProbity scoreClashscorePoor rotamers (%)  | 1.7012.680 |
| **Ramachandran plot**Favoured (%)Allowed (%)Disallowed (%) | 97.592.410 |