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|  | **NLRP1-CT Filament** |
| **Data collection and processing** |
| Magnification  | 81,000 |
| Voltage (kV) | 300 |
| Electron exposure (e–/Å2) | 52.3 |
| Defocus range (μm) | −0.8 to −2.2 |
| Physical pixel size (Å) | 1.06 |
| Symmetry imposed | Helical |
| Initial particle images (no.) | 118,006 |
| Final particle images (no.) | 12,200 |
| Map resolution (Å)at FSC threshold 0.143 | 3.6 |
|  |  |
| **Refinement** |  |
| Initial model used  | 4IFP, 6N1I |
| Model resolution (Å)at FSC threshold 0.5 | 4.2 |
| Map sharpening *B* factor (Å2) | −47.3 |
| **Model composition**Non-hydrogen atomsProtein residues | 31,2763739 |
| **R.m.s. deviations**Bond lengths (Å)Bond angles (°) | 0.0081.282 |
| **Validation**MolProbity scoreClashscorePoor rotamers (%)  | 1.84100 |
| **Ramachandran plot**Favoured (%)Allowed (%)Disallowed (%) | 96.993.010 |