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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 atoms  Protein residues | 31,276  3739 |
| **R.m.s. deviations**  Bond lengths (Å)  Bond angles (°) | 0.008  1.282 |
| **Validation**  MolProbity score  Clashscore  Poor rotamers (%) | 1.84  10  0 |
| **Ramachandran plot**  Favoured (%)  Allowed (%)  Disallowed (%) | 96.99  3.01  0 |