**Table S2: NMR and structural statistics of the 3D structure of p45-DD.**

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| --- |
| Constraints  |
|  No. of NOE upper distance limits 1053  |
|  No. of dihedral angle constraints 266 |
|  Residual target function (Å2) 0.51 ± 0.13  |
|  No. of residual NOE violations > 0.2 Å 4 |
|  Maximum (Å) 4.5 ± 0.6 |
|   |
| Energies (kJ/mol) |
|  Total -1167.53 ± 49.69 |
|  Van der Waals -174.46 ± 17.70  |
|  Electrostatic -1159.49 ± 52.00  |
|  |
| Atomic pairwise rmsd (Å) |
|  Backbone atoms 1.06  |
|  Residues 140-149, 158-165, 169-175, |
|  181-188, 201-207 and 212-218 0.84  |
|  Heavy atoms 1.39  |
|  |
| Structural analysis (residues 138-220) |
|  Residues in disallowed regions (%) 2.0  |
|  Residues in generously allowed regions (%) 3.2 |
|  Residues in allowed regions (%) 20.6 |
|  Residues in most favorable regions (%) 74.2  |