

S1 Table. Tolerances applied to NOE distance restraints in structure calculations.

Distance Category	oxoG4 Tolerance (Å)	oxoG10 Tolerance (Å)
Short (< 3 Å)	0.50	0.45
Medium (3 Å < x < 5 Å)	0.70	0.65
Long (> 5 Å)	0.90	0.85
Methyl-Containing	1.8 Å	1.8 Å