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LIST OF ABBREVIATIONS

1D	one-dimensional
2D	two-dimensional
CORMA	complete relaxation matrix analysis
COSY	correlation spectroscopy
δ	chemical shift in ppm
$\Delta\delta$	change in chemical shift
d1	delay (in NMR)
dA	deoxyadenosine
dC	deoxycytosine
dG	deoxyguanosine
dT	deoxythymidine
DNA	deoxyribonucleic acid
DQF-COSY	double-quantum filtered COSY
FID	free induction decay
HSQC	heteronuclear single quantum
HPLC	high performance liquid chromatography
HOPdG	hydroxyl PdG
M ₁ dG	3-(2'-Deoxy-beta-D-erythro-pentofuranosyl)pyrimido[1,2-alpha]purin-10(3H)-one
MARDI	matrix assisted laser desorption ionization
MARDIGRAS	matrix analysis of relaxation for discerning the geometry of an aqueous structure
MD	molecular dynamics
N-type	C3'-endo sugar (A form)
NMR	nuclear magnetic resonance
NOE	nuclear Overhauser effect
NOESY	NOE spectroscopy
OPdG	oxo-propenyl-dG
PdG	propano deoxyguanosine
PEM	potential energy minimization
ppm	part per million
R ₁ ^x	sixth root residual index
rMD	restrained MD
rmsd	root mean square deviation
S-type	C2'-endo sugar (B form)
T1	logitudinal relaxation
T2	transverse relaxation
τ_m	mixing time (s, in NMR)
TOCSY	total correlation spectroscopy
TPPI	time proportional phase increment