

Supporting information for Bae *et al.* (2001) *Proc. Natl. Acad. Sci. USA* **98** (19), 10602–10607. (10.1073/pnas.191268798)

**Table 2. Measured residual dipolar couplings**

Residues $^1\text{H}$ - $^{13}\text{C}$	Measured residual dipolar couplings, Hz
G2 H1'-C1'	$1.5 \pm 1.0$
A4 H1'-C1'	$4.4 \pm 1.0$
A6 H1'-C1'	$-2.4 \pm 1.0$
A7 H1'-C1'	$1.5 \pm 1.0$
A8 H1'-C1'	$6.3 \pm 1.0$
G12 H1'-C1'	$0.5 \pm 1.0$
G13 H1'-C1'	$1.2 \pm 1.0$
C14 H6-C6	$-0.4 \pm 1.0$
U16 H1'-C1'	$1.4 \pm 1.0$
U16 H6-C6	$-0.6 \pm 1.0$
C17 H1'-C1'	$1.6 \pm 1.0$
C17 H4'-C4'	$1.0 \pm 1.0$
G18 H1'-C1'	$-0.6 \pm 1.0$
G18 H3'-C3'	$1.4 \pm 1.0$
G19 H1'-C1'	$2.4 \pm 1.0$
C20 H6-C6	$1.2 \pm 1.0$
C21 H1'-C1'	$-0.5 \pm 1.0$
C21 H6-C6	$1.8 \pm 1.0$
U22 H1'-C1'	$0.8 \pm 1.0$
U25 H1'-C1'	$-1.3 \pm 1.0$
U27 H1'-C1'	$-8.1 \pm 1.0$
G29 H1'-C1'	$-6.1 \pm 1.0$