

Supplementary Material

Table 1: Proton and phosphorus chemical shifts at 5 °C (exchangeable protons) and 27 °C.

	H8/H6	H2/H5	H1'	H2'	H2''	H3'	H4'	H3	H1	³¹ P
G1	7.988		6.010	2.657	2.824	4.888	4.282		12.803	-0.718
C2	7.532	5.486	5.717	2.228	2.541	4.944	4.260			-0.356
A3	8.426	7.795	6.366	2.796	3.033	5.100	4.496			-0.895
T4	7.236	1.525	5.966	2.042	2.456	4.875	4.208	13.604		-0.646
C5	7.500	5.724	5.482	2.016	2.326	4.842	4.112			-0.255
G6	7.835		5.704	2.565	2.698	4.975	4.336		12.783	-0.851
A7	7.847	7.536	5.863	2.217	2.462	4.884	4.266			-0.706
A8	7.934	?	5.754	2.331	2.448	4.856	4.205			-0.774
A9	7.885	?	5.686	2.257	2.386	4.771	4.059			-0.855
A10	7.899	7.600	5.749	2.322	2.438	4.789	3.946			-0.790
A11	8.022	7.656	5.416	2.484	2.537	4.883	4.252			-0.167
G12	7.921		5.832	2.717	2.734	5.003	4.402		12.549	-0.573
C13	7.459	5.379	5.995	2.100	2.517	4.787	4.270			-0.839
T14	7.450	1.714	5.698	2.170	2.486	4.927	4.210	13.829		-0.613
A15	8.371	7.602	6.254	2.770	2.901	5.086	4.487			-0.629
C16	7.326	5.422	5.696	1.890	2.324	4.815	4.201			-0.380
G17	7.922		6.161	2.396	2.611	4.689	4.197		12.822	
C18	7.677	5.936	5.811	2.063	2.464	4.7311	4.103			-0.505
G19	8.018		6.013	2.714	2.823	5.008	4.396		12.822	-0.899
T20	7.299	1.537	5.655	2.126	2.437	4.908	4.213	13.614		-0.561
A21	8.235	7.504	6.100	2.775	2.948	5.103	4.455			-0.625
G22	7.720		5.813	2.536	2.693	5.049	4.428		12.715	-0.666
C23	7.505	5.456	6.294	2.297	2.695	4.797	4.357			-0.328
C24	7.825	6.148	5.999	2.209	2.575	4.980	4.334			-0.678
G25	7.997		5.528	2.745	2.818	5.039	4.346		12.812	-0.408
A26	8.280	7.873	6.295	2.691	2.965	5.058	4.492			-0.871
T27	7.118	1.443	5.786	1.973	2.377	4.884	4.168	13.623		-0.646
G28	7.886		5.958	2.624	2.724	4.993	4.389		12.793	-0.412
C29	7.475	5.429	6.215	2.237	2.203	4.519	4.090			