The high resolution crystal structure of a parallel intermolecular DNA G-4 quadruplex/drug complex employing *syn* glycosyl linkages

George R. Clark, Patrycja D. Pytel and Christopher J. Squire

SUPPLEMENTARY DATA

Fig. S1	Final $2F_o$-F_c electron density map of G1 quadruplex layer
Fig. S2	Final $2F_o$-F_c electron density map of daunomycin molecule (a) the planar chromophore (b) the daunosamine moiety
Fig. S3a	Daunomycin layer stacking D9/D10
Fig. S3b	Daunomycin layer stacking D10/D11 with Na 20
Fig. S4	A space-filling version of the full biological assembly of Figure 2. The grey atoms are the four layers of daunomycin molecules, the coloured atoms are individual d(GGGG) strands. The quadruplex grooves run diagonally across the top and botton thirds of the diagram.

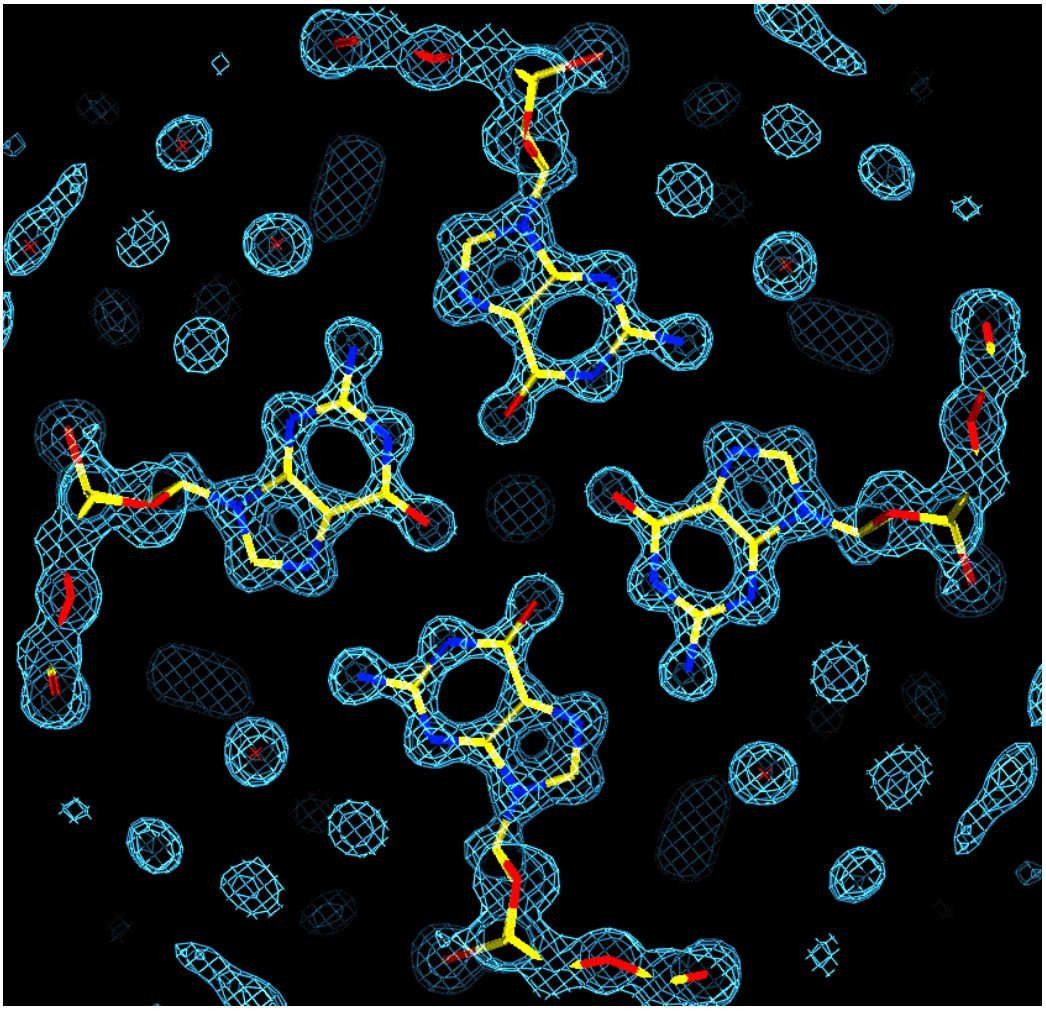

Fig. S1 Final $2F_o$-F_c electron density map of G1 quadruplex layer

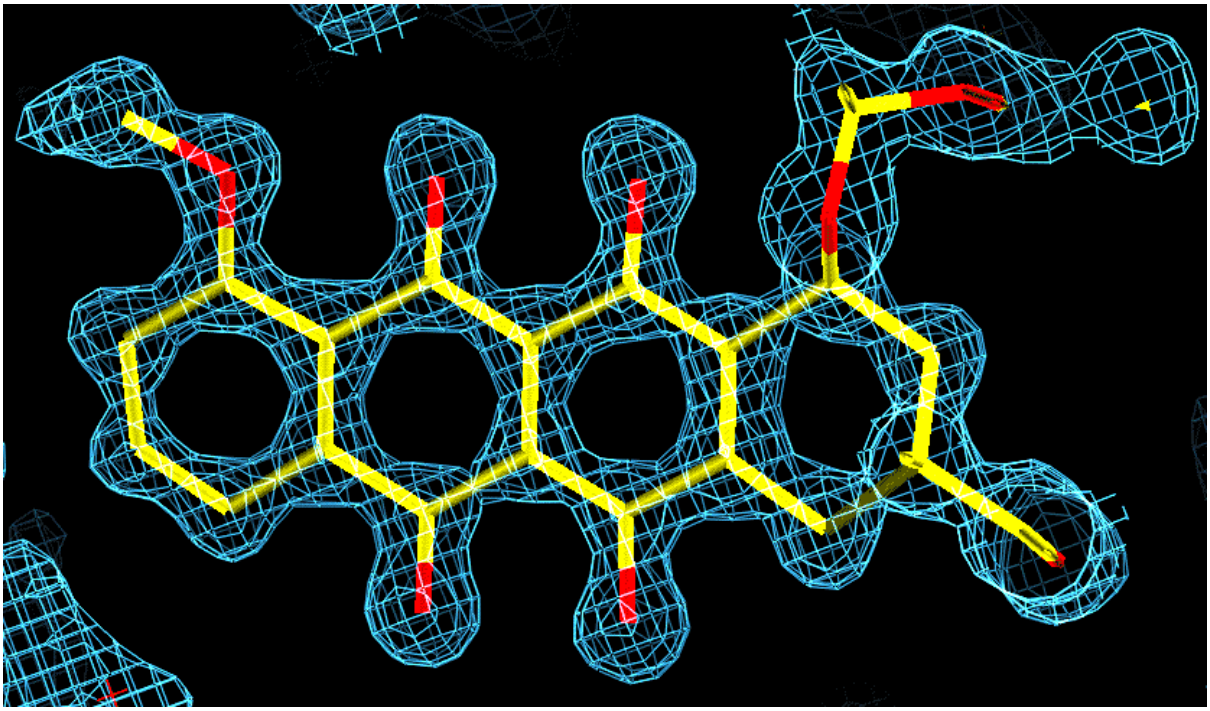

Fig. S2 Final $2F_o$-F_c electron density map of daunomycin molecule
(a) the planar chromophore

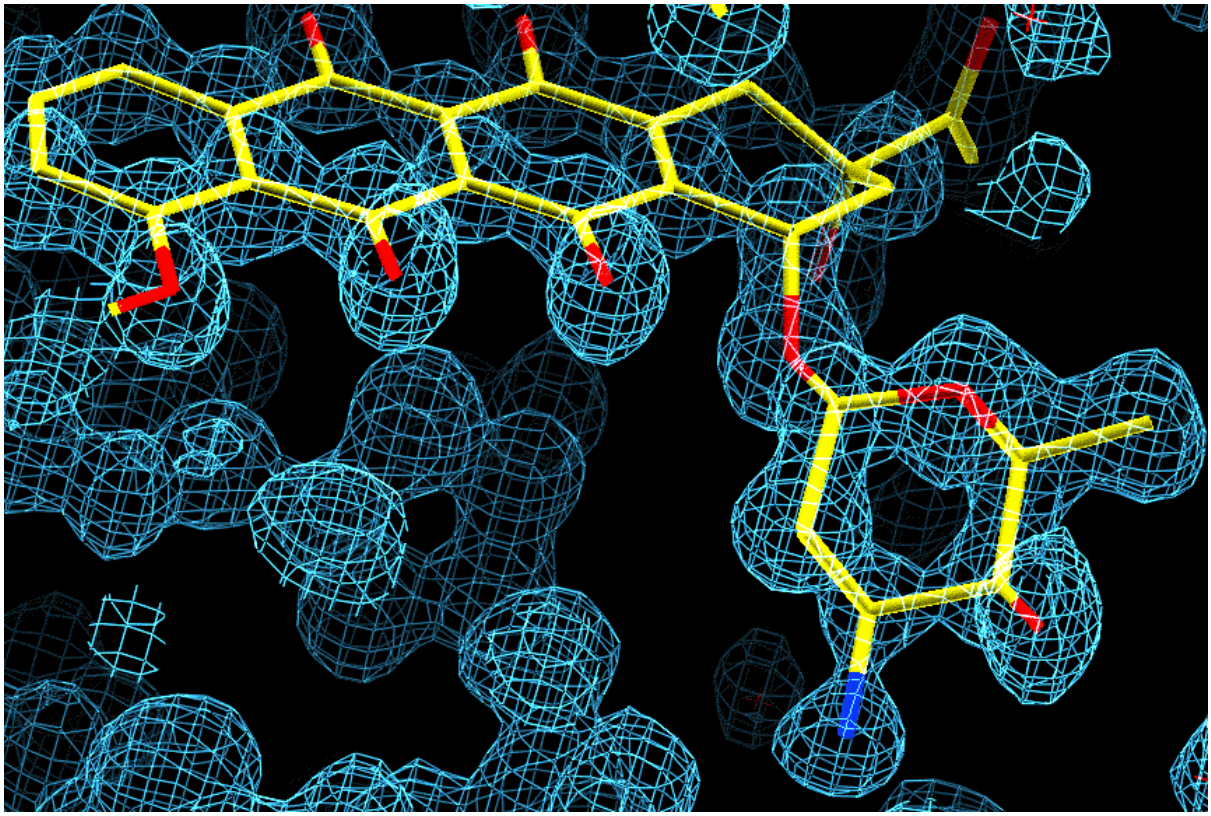

Fig. S2 Final $2F_o$-F_c electron density map of daunomycin molecule
(b) the daunosamine moiety

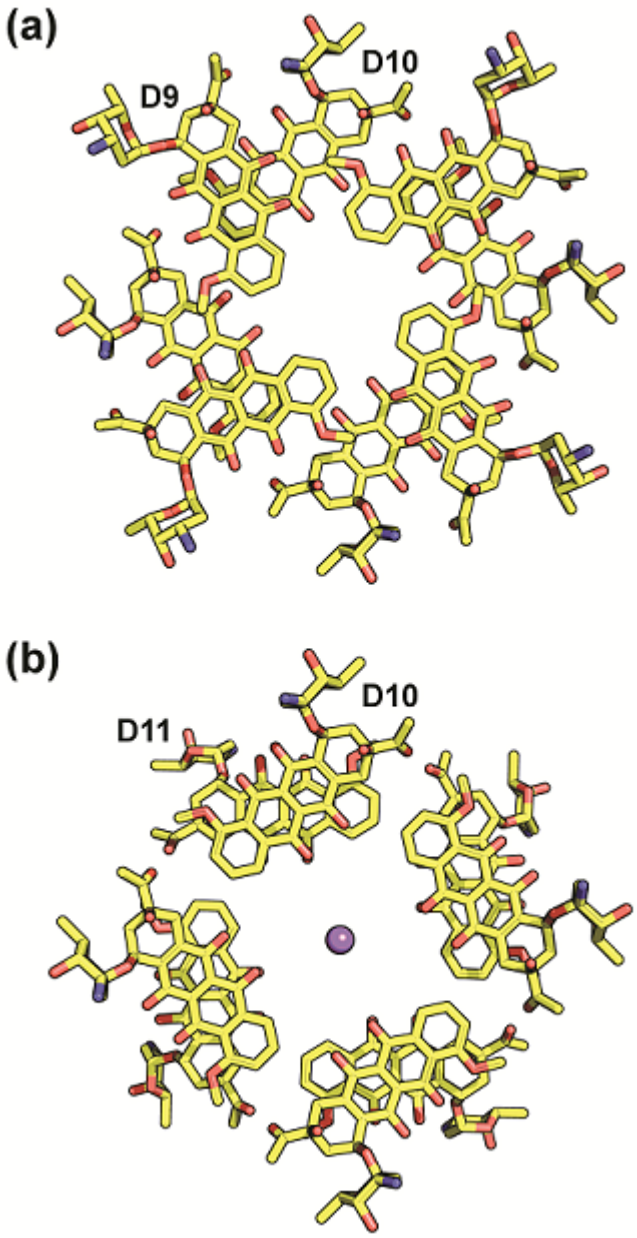

Fig. S3a Daunomycin layer stacking D9/D10
Fig. S3b Daunomycin layer stacking D10/D11 with Na 20

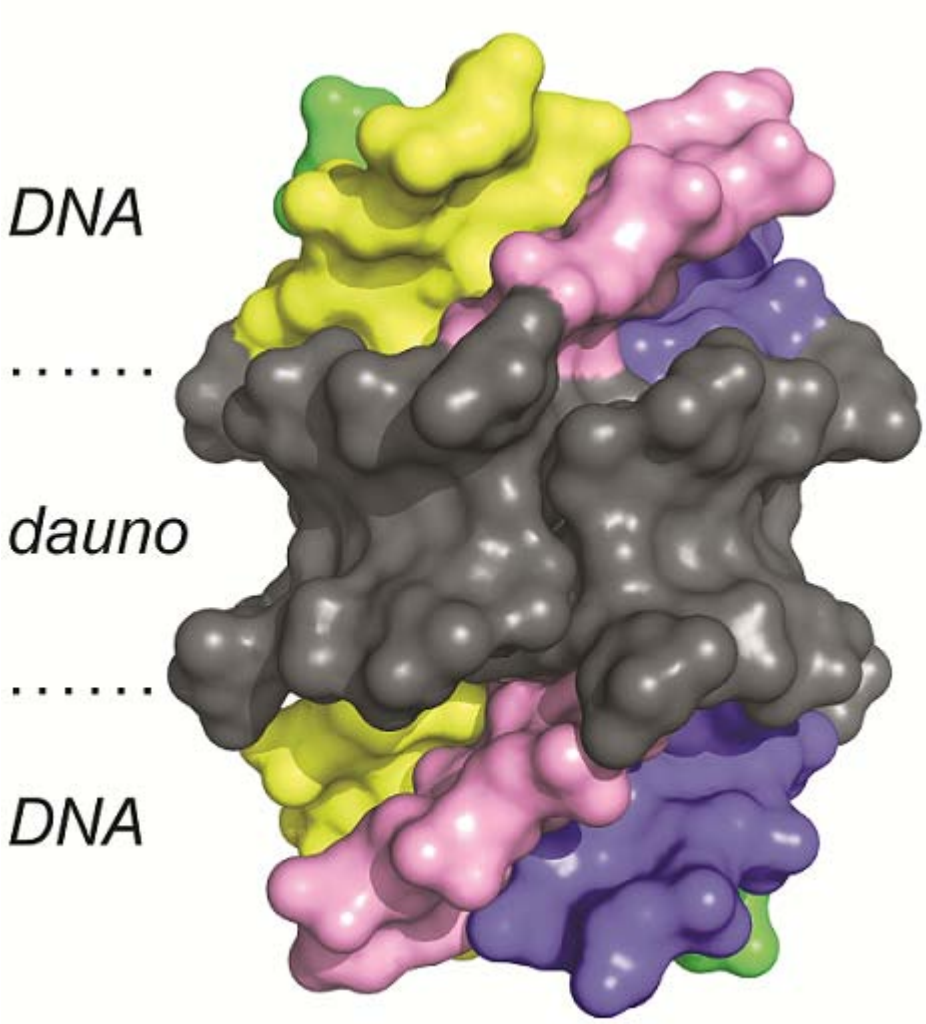

Fig. S4 A space-filling version of the full biological assembly of Figure 2. The grey atoms are the four layers of daunomycin molecules, the coloured atoms are individual d(GGGG) strands. The quadruplex grooves run diagonally across the top and botton thirds of the diagram.