

# hbond.in

#trajin traj.1  
#trajin traj.2  
#trajin traj.3  
#trajin traj.4  
trajin traj.5 28 99999 1  
trajin traj.6  
trajin traj.7 1 28 1  
#trajin traj.8  
#trajin traj.9  
#trajin traj.10  
center :1-17 mass origin  
image origin center  
rms first mass :1-17

prnlev 2

donor RU O2  
donor RU5 O2  
donor RU3 O2

donor RU O4  
donor RU5 O4  
donor RU3 O4

donor RA N1  
donor RA5 N1  
donor RA3 N1

donor RA N3  
donor RA5 N3  
donor RA3 N3

donor RA N7  
donor RA5 N7  
donor RA3 N7

donor RC N3  
donor RC5 N3  
donor RC3 N3

donor RC O2  
donor RC5 O2  
donor RC3 O2

donor RG O6  
donor RG5 O6  
donor RG3 O6

donor RG N3  
donor RG5 N3  
donor RG3 N3

donor RG N7  
donor RG5 N7  
donor RG3 N7

donor U8U O4  
donor U8U S2

acceptor U8U N3 H3  
acceptor U8U N HN  
acceptor U8U N HN2

donor T6A N3  
donor T6A N7  
donor T6A O14  
donor T6A O13A  
donor T6A O13B  
donor T6A O10

acceptor T6A N6 H6  
acceptor T6A O14 HO4

donor PSU O2  
donor PSU O4

acceptor PSU N3 H3  
acceptor PSU N1 H1

acceptor RU N6 H61  
acceptor RU5 N6 H61  
acceptor RU3 N6 H61

acceptor RU N6 H62  
acceptor RU5 N6 H62  
acceptor RU3 N6 H62

acceptor RU N3 H3  
acceptor RU5 N3 H3  
acceptor RU3 N3 H3

acceptor RC N4 H41  
acceptor RC5 N4 H41  
acceptor RC3 N4 H41

acceptor RC N4 H42  
acceptor RC5 N4 H42  
acceptor RC3 N4 H42

acceptor RA C2 H2  
acceptor RA5 C2 H2  
acceptor RA3 C2 H2

acceptor RA N6 H61  
acceptor RA5 N6 H61  
acceptor RA3 N6 H61

acceptor RA N6 H62  
acceptor RA5 N6 H62  
acceptor RA3 N6 H62

acceptor RG N1 H1  
acceptor RG5 N1 H1  
acceptor RG3 N1 H1

acceptor RG N2 H21  
acceptor RG5 N2 H21  
acceptor RG3 N2 H21

acceptor RG N2 H22  
acceptor RG5 N2 H22  
acceptor RG3 N2 H22

donor mask @O2'  
donor mask @O3'  
donor mask @O4'  
donor mask @O5'  
donor mask @O1P  
donor mask @O2P  
acceptor mask @O2' @HO'2

prnlev 0

hbond series hbond out hbond.out time 1.0 distance 3.5 angle 120.0