RNp66 duplex 4pqu							p66ptp66mer							Crosslinked DNp66 3v6d						
Chp66in	Residue	Type	Chain	Residue	Type	Distance	Chp66in	Residue	Type	Chain	Residue	Type	Distance	Chp66in	Residue	Type	Chain	Residue	Type	Distance
p51	22	LYS	T	709	C	3.24	p51	22	LYS	F	4	OMC	2.82	p51	22	LYS	T	709	DC	3.24
p51	22	LYS	T	709	C	3.89								p51	22	LYS	T	709	DC	3.99
p66	24	TRP	T	703	G	3.7								p66	24	TRP	T	703	DG	3.24
p66	24	TRP	T	704	G	3.94	p66	24	TRP	F	-1	TMP	3.64	p66	24	TRP	T	703	DG	3.64
														p66	30	LYS	T	702	DT	3.18
														p66	62	ALA	T	704	DG	3.96
														p66	72	ARG	T	705	DA	3.69
p66	75	VAL	T	705	U	3.97	p66	75	VAL	F	0	DA	3.69							
p66	75	VAL	T	705	U	3.7														
p66	76	ASP	T	704	G	2.99	p66	76	ASP	F	0	DA	3.60							
p66	77	PHE	T	705	U	3.85														
														p66	78	ARG	T	704	DG	3.58
							p66	78	ARG	F	0	DA	3.18	p66	78	ARG	T	705	DA	3.08
							p66	78	ARG	F	0	DA	3.72	p66	78	ARG	T	705	DA	3.85
p66	89	GLU	T	707	G	3.72	p66	89	GLU	F	2	OMC	2.97	p66	89	GLU	T	707	DG	3.5
p66	89	GLU	T	707	G	3.62	p66	89	GLU	F	2	OMC	3.40							
p66	89	GLU	T	707	G	2.93	p66	89	GLU	F	2	OMC	3.79							
p66	91	GLN	T	708	G	3.51														
p66	91	GLN	T	708	G	3.73	p66	91	GLN	F	3	DC	3.60	p66	91	GLN	T	708	DG	3.35
p66	93	GLY	T	708	G	3.34														
														p66	110	ASP	P	822	ATM	3.48
														p66	110	ASP	P	822	ATM	3.85
														p66	110	ASP	P	822	ATM	3.06
							p66	115	TYR	F	33	DG	3.54							
p66	151	GLN	T	705	U	3.94	p66	151	GLN	F	0	DA	3.91							
p66	152	GLY	T	705	U	2.54	p66	152	GLY	F	0	DA	3.65	p66	152	GLY	T	705	DA	3.91
p66	152	GLY	T	705	U	3.56	p66	152	GLY	F	1	DC	3.11	p66	152	GLY	T	706	DA	3.61
p66	152	GLY	T	706	C	3.31	p66	152	GLY	F	1	DC	3.91							
p66	153	TRP	T	706	C	3.71								p66	153	TRP	T	706	DA	3.88
p66	154	LYS	T	706	C	3.85														
p66	154	LYS	T	706	C	3.91														
p66	161	GLN	T	803	H	2.86														
p66	183	TYR	T	707	G	3.44	p66	183	TYR	F	3	DC	3.22	p66	183	TYR	T	707	DG	3.46
p66	183	TYR	T	708	G	3.94	p66	183	TYR	F	32	DG	2.73	p66	183	TYR	T	708	DG	3.98
p66	183	TYR	P	821	C	2.43	p66	183	TYR	F	32	DG	3.12	p66	183	TYR	P	821	DC	2.86
							p66	185	ASP	F	33	DG	2.47	p66	185	ASP	P	822	ATM	2.75
							p66	185	ASP	F	33	DG	3.63	p66	185	ASP	P	822	ATM	3.13
														p66	185	ASP	P	822	ATM	2.88
														p66	185	ASP	P	822	ATM	3.09
														p66	185	ASP	P	822	ATM	3.7
														p66	185	ASP	P	822	ATM	3.48
														p66	185	ASP	P	822	ATM	3.5
p66	186	ASP	P	822	G	3.14								p66	186	ASP	P	822	ATM	3.77
														p66	186	ASP	P	822	ATM	3.65
														p66	186	ASP	P	822	ATM	2.88
														p66	186	ASP	P	822	ATM	3.41
							p66	230	MET	F	32	DG	3.91	p66	230	MET	P	821	DC	3.8
														p66	230	MET	P	822	ATM	3.54
p66	231	GLY	P	821	C	3.96								p66	231	GLY	P	821	DC	3.82
														p66	231	GLY	P	821	DC	3.95
							p66	255	ASN	F	29	DG	2.96	p66	255	ASN	P	818	DC	3.24
							p66	258	GLN	F	28	DG	3.57							
							p66	258	GLN	F	29	DG	3.97							
														p66	259	LYS	P	819	DG	2.69
p66	262	GLY	P	819	G	3.85	p66	262	GLY	F	30	DG	3.30	p66	262	GLY	P	819	DG	3.95
p66	263	LYS	P	819	G	3.62	p66	263	LYS	F	30	DG	3.81							
p66	263	LYS	P	820	C	2.43														
p66	263	LYS	P	820	C	3.91														
p66	265	ASN	T	710	G	3.73	p66	265	ASN	F	6	DC	3.83	p66	265	ASN	T	711	DC	3.52
p66	265	ASN	T	711	C	3.23	p66	265	ASN	F	6	DC	3.90	p66	265	ASN	T	712	DC	3.76
p66	265	ASN	T	711	C	3.19														
							p66	280	SER	F	7	DC	3.88							
							p66	280	SER	F	8	DT	3.54							
							p66	284	ARG	F	8	DT	2.79	p66	284	ARG	T	713	DC	3.46
							p66	284	ARG	F	8	DT	3.35	p66	284	ARG	T	713	DC	3.42
							p66	284	ARG	F	8	DT	3.66							
														p66	285	GLY	T	713	DC	3.96
														p66	285	GLY	T	714	DG	3.71
														p66	285	GLY	T	714	DG	3.68
							p66	353	LYS	F	6	DC	3.14	p66	353	LYS	T	712	DC	3.9
							p66	353	LYS	F	7	DC	2.19							
p66	356	ARG	T	712	C	3.58	p66	356	ARG	F	7	DC	3.94							
														p66	358	ARG	P	812	DT	3.91
														p66	358	ARG	P	812	DT	3.77
							p66	360	ALA	F	22	DC	2.91	p66	360	ALA	P	811	DG	3.15
p66	361	HIS	P	809	C	3.28	p66	361	HIS	F	21	DA	2.68	p66	361	HIS	P	810	DT	2.96
														p66	361	HIS	P	810	DT	3.8
p66	374	LYS	T	711	C	2.94								p66	374	LYS	T	711	DC	3.95
p51	394	GLN	P	811	G	3.25								p51	394	GLN	P	812	DT	3.29
p51	394	GLN	P	811	G	3.58														
p51	394	GLN	P	811	G	3.31														
p51	394	GLN	P	811	G	3.97														
p51	395	LYS	P	811	G	2.81	p51	395	LYS	F	24	DG	3.81							
p51	395	LYS	P	811	G	3.55														
p51	395	LYS	P	812	T	3.09														
p51	395	LYS	P	812	T	3.27														
														p66	448	ARG	T	723	DC	3.86
														p66	448	ARG	T	723	DC	3.61
														p66	448	ARG	P	806	DT	3.04
p66	451	LYS	P	807	C	3.51								p66	451	LYS	P	808	DC	3.15
														p66	451	LYS	P	808	DC	3.91
p66	473	THR	P	807	C	3.65	p66	473	THR	F	19	DG	3.29	p66	473	THR	P	808	DC	3.6
p66	473	THR	P	808	C	2.78	p66	473	THR	F	20	DC	2.70	p66	473	THR	P	809	DC	2.8
p66	474	ASN	T	723	C	3.68	p66	474	ASN	F	18	DT	3.87							
p66	474	ASN	T	723	C	3.2														
p66	474	ASN	T	723	C	3.71														
p66	475	GLN	T	721	G	3.7	p66	475	GLN	F	19	DG	3.93	p66	475	GLN	P	808	DC	3.55
p66	475	GLN	P	807	C	3.17	p66	475	GLN	F	19	DG	3.35	p66	475	GLN	P	808	DC	2.76
p66	475	GLN	P	807	C	3.07	p66	475	GLN	F	19	DG	3.09	p66	475	GLN	P	809	DC	3.67
p66	475	GLN	P	808	C	3.51	p66	475	GLN	F	19	DG	3.88	p66	475	GLN	P	809	DC	3.93
p66	476	LYS	P	808	C	3.03														
														p66	500	GLN	T	722	DA	3.4
														p66	500	GLN	T	722	DA	2.58
p66	501	TYR	P	809	C	3.06	p66	501	TYR	F	20	DC	3.10	p66	501	TYR	P	809	DC	3.86
							p66	501	TYR	F	21	DA	2.66	p66	501	TYR	P	810	DT	2.87