Table 4: Spatial neighbors of residues occuring in turns/loops in 8 contact

PDB CODE	Class	Residue in turn/loop	Spatial Neighbors								
			1	2	3	4	5	6	7	8	9
1hiv	β	86G	25D(L_{ss})	26T(L_{ss})	28A(L_{ss})	29D(L_{ss})	30D(L_{ss})	31T(L_{ss})	89L(H)	90L(H)	
1rei	β	51A	31K(L_{ss})	32Y(S_N)	33L(S_N)	34N(S)	48I(L_{ss})	64G(S)	65S(S)	66G(S_C)	
2snv	β	216G	127G(S)	128H(S)	129A(S)	138K(S_C)	139P(S_C)	229I(S)	230V(S)	231L(S)	
1gpb	α/β	456A	459H(H)	460S(H)	482K(L_{sh})	483T(L_{sh})	673A(L_{sh})	674S(L_{sh})	694G(H_C)	695A(L_{hs})	
1pfk	α/β	138G	13A(L_{sh})	14P(L_{sh})	15G(L_{sh})	125T(L_{sh})	126I(L_{sh})	141T(H_N)	142A(H_N)	260D(H)	
1sbp	α/β	130S	44G(L_{sh})	45S(L_{sh})	46G(H)	125P(L_{sh})	126N(L_{sh})	127P(L_{sh})	133A(H)	171S(L_{sh})	172G(L_{sh})
1wsy	α/β	191A	197Y(H)	198P(H)	201V(H)	202R(H)	233G(L_{sh})	234G(L_{sh})	235S(L_{sh})	310G(H_N)	
2ctc	α/β	251S	145R(L_{hh})	150G(L_{hh})	151F(L_{hh})	153K(L_{hh})	154A(L_{hh})	155G(L_{hh})	156A(L_{hh})	207G(L_{sh})	208Y(L_{sh})
1got	α/β	254G	234G(L_{hs})	235G(L_{hs})	236N(L_{hs})	271T(L_{hs})	272M(L_{hs})	299A(L_{ss})	300G(L_{ss})	301V(L_{ss})	
1ixh	α/β	37G	8G(L_{sh})	9A(L_{sh})	10T(L_{sh})	40G(H)	41G(H)	138G(L_{sh})	139S(L_{sh})	176G(L_{sh})	
2ctc	α/β	252G	144N(L_{hh})	145R(L_{hh})	146N(L_{hh})	147W(L_{hh})	148N(L_{hh})	149A(L_{hh})	150G(L_{hh})	151F(L_{hh})	
2pia	α/β	119G	122G(H_N)	123I(H_N)	145Y(S_C)	146L(S_C)	147T(S_C)	199C(S_C)	200G(L_{sh})	201P(L_{sh})	
4cpa	α/β	156A	145R(L_{hh})	152G(L_{hh})	153K(L_{hh})	164T(L_{hh})	165Y(L_{hh})	166H(L_{hh})	250A(L_{sh})	251S(L_{sh})	

L_{ss}= Turn/loop connecting two sheets; L_{hh}=Turn/loop connecting helices; L_{sh}=Turn/loop connecting sheet to helix;
L_{hs}=Turn/loop connecting helix to sheet; S=Sheet; H=Helix; S_N=Strand N terminal;
S_C=Strand C terminal; H_N=Helix N terminal; H_C=Helix C terminal