

Table S2. Hydrogen bonds present in the minor state, according to Exchange State Identification Method 1. Atom names according to CHARMM 27 force field.

<i>Residue pairs</i>	<i>Number of H-Bonds</i>	<i>Donor-Acceptor Atoms</i>
Arg16-Ser14	(2)	HN-N-OG, HH11-NH1-OG
Arg16-Ser11	(1)	HN-N-O
Arg12-Arg12	(1)	HE-NE-O
Arg12-Arg12	(1)	HH11-NH1-O
Ser11-Ser14	(2)	HG1-OG-O, HN-N-O
Ser11-Ser13	(1)	HG1-OG-OG