

S1 Table.

Connected residues		% of structures where the bond is found
Arg42 sc	Arg31 sc	51.2%
Arg42 bb	Glu31 bb	96.4%
Glu125 bb	Thr35 bb	96.8%
Leu123 bb	Cys37 bb	96.4%
Gln37 sc	Gly34 bb	84.4%
His127 sc	Gly30 bb	84%
Asn122 sc	Lys26 sc	24%