

PDB positions	MSA positions	Bond types	$neq_{AA}$	$neq_{SL}$	Structural variable region
40	41		1	1.31	
<b>41</b>	<b>42</b>	<b>Hydrophobic</b>	<b>1</b>	<b>1.74</b>	<b>R1</b>
<b>42</b>	<b>43</b>	<b>Hydrophobic</b>	<b>1</b>	<b>2.64</b>	<b>R1</b>
<b>57</b>	<b>58</b>	Hydrogen	<b>1</b>	<b>1.41</b>	
58	59		1	1.5	
96	101	Hydrophobic	1	1.71	R3
97	102		1.06	2.73	R3
97A	103		1	2.3	R3
97B	104	<b>Hydrophobic</b>	1	2.35	R3
98	105	<b>Hydrophobic</b>	1	1.59	R3
99	106	<b>Hydrophobic</b>	1	1.52	R3
102	109	<b>Hydrogen</b>	1	1.1	
189	204	<b>Hydrogen</b>	1	<b>1.06</b>	
190	205	<b>Hydrogen</b>	1.14	1.36	
191	206	<b>Hydrophobic</b>	1	<b>1</b>	
192	207	<b>Hydrophobic</b>	1	1	
193	208	Hydrogen	1	1.1	
194	209		1	1.06	
195	210	Hydrogen	1.14	1.27	
213	228	Hydrophobic	1	2.07	
215	230	<b>Hydrophobic</b>	1	1.37	
216	231	<b>Hydrophobic</b>	1	1.97	R8
217	232		1	2.23	R8
218	233	<b>Hydrogen</b>	1	2.19	R8
<b>220</b>	<b>234</b>	<b>Hydrophobic</b>	1	1.9	R8
221	235		1	1.06	
226	241		1	1.06	