Table S2. Hydrogen bonds between pro- and mature-regions

Atoms in Pro region	Atoms in Mature region	Distance (Å)					
		proPG		A47Q-1		A47Q-2	
		A	B	A	B	A	B
35 Glu Oε2	242 Ser Oγ	3.2	6.0	2.9	4.9	2.9	5.8
40 Lys Nζ	182 Asn Oδ1	2.8	2.8	2.8	2.8	2.8	2.8
45 Leu O	196 Tyr Oη	2.7	2.7	2.7	2.6	2.7	2.6
46 Thr Oγ1	154 Asp Oδ1	2.6	2.5	2.6	2.6	2.6	2.7
47 Ala N	154 Asp Oδ2	3.0	3.0				
47 Ala O	195 Ser N	2.7	2.8				
47 Gln N	154 ASP Oδ2			2.9	2.9	3.0	2.9
47 Gln O	195 Ser N			2.9	2.8	2.9	2.9
47 Gln OE1	155 Gly N			3.3	3.4	3.2	3.2
47 Gln OE1	156 Cys N			3.1	3.1	2.9	2.8
47 Gln OE1	156 Cys Sγ			3.0	3.3	2.7	2.7
47 Gln OE1	W2			2.7	2.7		
47 Gln CD	156 Cys Sγ			3.0	3.0	1.9	1.9
47 Gln CD	W1					2.6	2.5
47 Gln Nε2	197 His Nδ1			3.3	3.2		
47 Gln Nε2	196 Tyr O			2.9	2.9		
48 Gln Oε1	291 Ala N	2.9	2.8	3.4	2.9	3.2	3.0
48 Gln Nε2	154 Asp Oδ1	2.9	3.4	2.8	3.2	2.8	3,1
72 Glu Oε1	263 Ser Oγ	2.6	2.7	2.6	2.6	2.7	2.7
72 Glu Oε2	259 Ser Oγ	2.7	2.5	2.6	2.6	2.6	2.6
105 Thr N	264 Tyr O	2.8	2.9	2.9	2.9	2.9	2.9
105 Thr O	264 Tyr N	2.9	2.7	2.8	2.7	2.8	2.7
106 Lys Nζ	263 Ser Oγ	2.9	2.8	2.8	2.8	2.8	2.8
106 Lys Nζ	261 Ser O	2.9	3.0	2.8	2.7	2.9	3.0
107 Glu O	266 Tyr Oη	3.9	2.9	3.9	2.9	4.3	2.8
109 Lys N	266 Tyr Oη	3.0	3.1	3.3	3.2	3.2	3.0
109 Lys O	254 Asn Nδ2	2.6	2.7	2.7	2,9	2.7	2.8
111 Gln Oε1	164 Asn Nη2	2.9	2.9	2.8	2.8	2.8	3.1