

Nearest inter-molecular neighbors in complexes of PYR/PYL ABA receptors with HAB1.
 Pink - receptor's residues; white - neighbor HAB1 residues; green - neighbor ABA molecules.

I	La3β2			β2			Gate								Latch					Lβ7α5					Helix α5																							
	K59	H60	F61	I62	K63	S64	V81	I82	V83	I84	S85	G86	L87	P88	A89	N90	T91	S92	E94	F108	I110	G114	H115	R116	L117	Y120	S122	E141	P148	G150	N151	S152	D154	D155	T156	M158	F159	A160	T162	V163	V164	L166	N167	Q169	K170			
PYR1-ABA-HAB1 3QN1.pdb [17]	ABA	S322	ABA		S200		ABA		ABA	G246	R199	H245	ABA	ABA	ABA		ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	W385	I383			I383	W385	W385	K381	ABA	ABA	F391	ABA	ABA	E323	ABA					
		T324	T324		E201					T324	E203	G246	Q386	W385	Q386									Q384	W385						Q384			W385		I383	I383			V393			T324					
			V393								G244	R389	R389	Q386										W385	W385						W385					F391	W385			Y404			Y404					
			Y404								H245	V393	V393	R389										Q386													F391			L405								
											G246	L394		G392																							G392											
											G247	A395		V393																							V393											
II	M1	K59		F61	I62			V81		V83	I84	S85	G86	L87	P88	A89	N90	T91	S92	E94	F108	I110	G114	H115	R116	L117	Y120	S122	E141					S152	D154	D155	T156	M158	F159	A160	T162	V163	V164	L166	N167	Q169		
PYR1-ABA-HAB1 3QN1.pdb & recovered after 30 ns	E320	ABA		ABA	ABA			ABA		ABA	W382	W382	Q381	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA					K378	G377	K378	G376	G376	G376	G376	ABA	ABA	W382	ABA	ABA	W382	ABA	Q320
	T321			W382								W382	W382	I380										I380																								
	R400			V390								Q383	Q383	Q381										Q381										I380														
	Y401											R386		W382																																		
															Q383																																	
III	H39	K59	H60	F61	I62	K63	S64				I84	S85																	E132	N133	R134														L166	K170	E176	R180
PYR1-HAB1 3QN1.pdb ABA-extracted shifted & recovered after 30 ns	K285	N374	D367	N374	N374	I372	G376				I84	S85																																				
	E277		A370								N374	E373																																				
			R371									N374	E373																																			
			N374									A375																																				
												G376																																				
												G377																																				
IV		K59	P60	F61		K63					V83	I84	S85	G86	L87	P88	A89		T91	S92	E94	F108	I110		H115	R116	L117	Y120		E141	P148		N151		D155	T156	M158	F159	A160	T162	V163	V164	L166	N167	K170			
PYR1-ABA-HAB1 3ZVU.pdb mutant H60P [16]	ABA	S322	ABA		S200					ABA	G246	R199	H245	ABA	ABA	ABA		ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	W385	I383			K381	W385	W385	K381	ABA	ABA	F391	ABA	ABA	E323	ABA		S322		
			E323	T324		E201					G247	E203	G246	Q386	W385	Q386								W385	W385						Q384			I383		I383	I383			V393	V393		W324		E323			
			T324	V393							T324	G244	G246	R389	Q386									Q386							W385			W385		F391	W385			Y404			Y404					
				Y404								H245	V393	V393	R389																																	
												G246	L394		G392																																	
												G247	A395		V393																																	
V			K64	H65	F66		K68	R69	V85	V87	I88	S89	G90	L91	P92	A93		T95	S96	E98	F112	V114		H119	R120	L121	Y124	S126	E147	P154		N157		D161	T162	M164	F165	V166	T168	V169	V170	L172	N173	K176				
PYL2-ABA-HAB1 3KB3.pdb [11]			ABA	S322	ABA		S200	E201	ABA	ABA	G246	R199	R199	ABA	ABA	ABA		ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	W385	I383			K381	W385	W385	K381	ABA	ABA	F391	ABA	ABA	E323	ABA		E323		
				E323	T324		E201				T324	E203	H245	Q386	W385	Q386								W385	W385						Q384			I383		I383	I383			V393	V393		Y404					
				T324	V393							G244	G246	R389	Q386									Q386							W385			W385		F391	W385			Y404								
				Y404								H245	R389	V393	R389																																	
												G246	V393		G392																																	
												G247	L394		V393																																	
VI			K79	H80	F81	I82	K83				V107	I108	S109	G110	L111	P112	A113		T115	S116	E118	F132	V134		H139	R140	L141	Y144	S146	E170	P177		N180		D184	T185	M187	F188	V189	T191	V192	V193	S195	N196	Q198	N199		
PYL3-ABA-HAB1 4DS8.pdb [38]			ABA	S322	ABA	ABA	E201				ABA	G246	R199	H245	ABA	ABA	ABA		ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	ABA	W385	I383			I383	W385	W385	K381	ABA	ABA	F391	ABA	ABA	E323	ABA		E323		
				E323	T324						T324	E201	G246	Q386	W385	Q386								Q384	W385						Q384			W385		I383	I383			V393	V393		Y404					
				T324	V393							E203	R389	R389	Q386									W385	W385						W385																	
				Y404								H245	V393	V393	R389									Q386																								
												G246	L394	Y404	G392																																	
												G247	A395		V393																																	
VII				P57	F58		S60	R61	D78	L79	K80	S81	G82	L83	P84	A85	T86							D110	R112	L113				P144	N147		E151	T152	F154	F155		A158	L159	Q161	C162		N165					
PYL10-HAB1 3RT0.pdb ABA-free [15]				G246	G246		E201	S200	S200	R199	R199	R199	H245	Q386	W385	R199	R199							Q386	Q384	W385				W385	I383		V382	W385	W385	K381	I383		F391	V393	E323	E323		E323				
				S322	T324		S200					E201	E203	R389	R389	Q386	Q386	K491							W385						Q384			I383		I383	W385			V393			T324					
				T324	V393							E203	D243	V393	V393	R389								Q386							W385			Q384		F391	F391						Y404					
				Y404								G246	G244	L394		G392																																
												G247	H245	A395		V393																																