

Additional file 15. Crucial residues of the activation segments of Pto and BRI1. The relevant literature is cited in the text.

Pto residues ^a Functions	T190	T195	S198	T199	V201	K202	G203	T204	L205	G206	Y207	I208	D209	Y212	F213	I214	K215
Pto/avrPto interaction				+		+		+	+		+		+				
Pto/avrPtoB interaction				+					+						+		+
Elicitation of hypersensitive response			+	+													
Negative regulator of the resistance response	+	+		+	+		+	+	+	+	+	+					
Autophosphorilation site			+	+													
BRI1 residues ^a Functions		T1039	S1042	S1044	T1045			T1049			Y1052			Y1057			
Auto/trans phosphorilation		+	+	+	+			+									
Required for BRI1 signalling		+	+	+	+			+									
Essential for kinase activity											+			+			

^a Residues of Pto and BRI1 which have corresponding positions in the activation segment are reported in the same columns.