Correction: Type III Effector Activation via Nucleotide Binding, Phosphorylation, and Host Target Interaction

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On page 0457, in the first paragraph of the Results section, the above paper states:

“Additionally, AvrB T182 contacts RIN4 Y151, and AvrB V128 contacts RIN4 D155, S161, and G162”.

This should read:

“Additionally, AvrB T182 contacts RIN4 F151, and AvrB V128 contacts RIN4 D155, S161, and A162”.

Further, in Table 2, line 2, G163 should be A162; and in Table 2, line 9, Y151 should be F151. The corrected table is as follows:

Table 2. List of AvrB Mutations

AvrB Structural Features	AvrB Mutation	HR Trypan	HR Ion Leakage	RIN4 Binding ITC	RIN4 Binding Gel Filtration	RIN4 Binding Y2H	Translocation Assay	Contact Details
RIN4 _{142–176} contact surface	T125A	—	—	—	—	—	+	T166 H-bond
	V128A	+	+	NA	NA	+	NA	D155, A162 contact
	Q208A	±	+	NA	+	+	NA	H167 contact
	R209A	±	±	NA	+	+	NA	F169 contact
	QRY/AAA	±	±	±	—	NA	NA	H167, F169, and C-term contact
	D213A	+	+	NA	NA	NA	NA	W154 H-bond
	H217A	±	±	—	—	NA	NA	T166 H-bond
	Q265A	+	+	NA	NA	+	NA	I168 contact
	T182A	+	+	NA	NA	+	NA	F151 contact
	R266A ^a	—	—	—	+	NA	+	Y165 contact (RIN4); β-Phosphate H-bond (ADP)
ADP pocket	L109A	+	+	NA	NA	+	NA	Y165 contact (RIN4); position AvrB R266
	N62A	±	±	NA	NA	+	NA	Purine ring
	Y65A	—	—	NA	NA	+	+	Purine ring, ribose O ₂ H-bond
	R99A	—	—	—	+	NA	+	α-Phosphate H-bond
Interlobe	F113A	±	±	NA	NA	+	NA	Phosphate contact; position AvrB R99 and R266
	Y131A	—	—	—	+	+	+	β-Phosphate (via H ₂ O)
	D297A	—	—	—	+	+	+	Purine ring, ribose O ₃ (via H ₂ O)

^aContacts both RIN4_{142–176} or ADP in the crystal structures.

NA, not attempted.

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