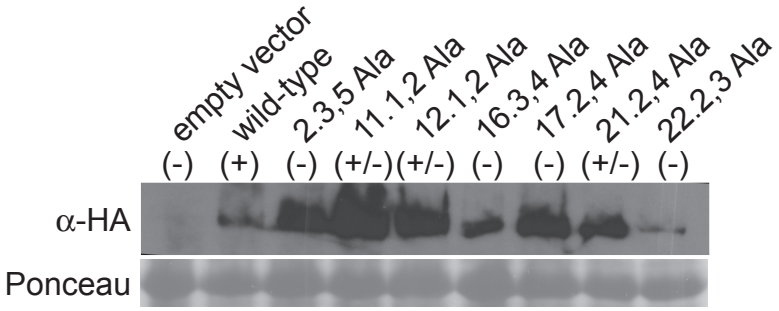

construct	mutated amino acids	seedling growth inhibition	reactive oxygen species	callose
wild-type	N/A	++	++	++
empty vector	N/A	-	-	-
1.1,2 Ala	I76, S77	++	++	++
1.4,5 Ala	G81, G82	++	++	++
2.3,5 Ala	N103, D106	-	-	-
9.4,5 Ala	G274, T275	++	++	++
10.1,2 Ala	E293, R294	++	++	+
10.4,5 Ala	S298, S299	++	++	++
11.1,2 Ala	W317, W318	+	+	+
12.1,2 Ala	E347, W348	+	+	++
13.2,3 Ala	S373, F375	++	++	++
14.2,3 Ala	E397, S399	+	+	+
16.3,4 Ala	H447, N449	-	-	-
17.2,4 Ala	D469, D473	-	-	-
21.2,4 Ala	N564, S568	+	+	++
22.2,3 Ala	N588, N590	-	-	-

Figure S5: Presence of EFR-HA double-alanine mutant proteins, whether functional or not, in transgenic *Arabidopsis* seedlings. Gel lanes were equally loaded for total protein, as confirmed by Ponceau stain, and detected using anti-HA on Western blots after SDS-PAGE. A table is also presented, summarizing results with these mutant alleles.