



TABLE 1. Primers used for PIF deletion, repair and antibody generation.

Primer name	Function	Sequence
PIF1-del-F ^a	deletion	<i>AGACTTGATAGATGTGCACCATGAAGAGGTGC GTTATCCTATTACGGTTTTTCCTGTGCGACGG TTAC</i>
PIF1-del-R	deletion	<i>TGTTGCCCTTGGGTCATGTGCGCCTGTAGTGAC CGCTCTTATTGTGTTTCGTTTAAGGGCACCAA TAACTG</i>
PIF2-del-F	deletion	<i>GATCGTGTTTTTCCTGTTTCGTGTTTCTTTATATA GTGTACCAGCCCTTTTTTCCTGTGCGACGGTT AC</i>
PIF2-del-R	deletion	<i>TTATCACAATTAAGATAACTGCCCTCTGACGTC ATTGTAATTAACTCGAGTTTAAGGGCACCAAT AACTG</i>
PIF1-rep-F ^b	repair	GCGCCATGG CAAAACCACGTACATGACGTT AT
PIF1-rep-R	repair	GCGGCATG CCTTATACAGAGTAGTTGGGGTA AGTTTC
PIF2-rep-F	repair	GCGCCATGG CGCGTATCTGCTGTCTATCAC
PIF2-rep-R	repair	GCGGCATG CCTAAGATAACTGCCCTCTGAC GTC
PIF3-rep-F	repair	GCGCCATGG AGCGGTTAGGAACGAG
PIF3-rep-R	repair	GCGGCATG CCTAGTTGTAAACGCGTCTGTA CAA
PIF1-ab-F	antibody	GCGGGATCCC ACCATGAAGAGGTGCGTT
PIF1-ab-R	antibody	GCGAAGCT TTTATACAGAGTAGTTGGGGTA AGTTTC
PIF2-ab-F	antibody	GCGGGATCC GCCAACAAGATTACAATGAC
PIF2-ab-R	antibody	GCGAAGCT TTTAAGATAACTGCCCTCTGAC G
PIF3-ab-F	antibody	GCGGGATCC AAATTTATTTTGCAAGATGCA TAC
PIF3-ab-R	antibody	GCGAAGCT TTTCAGTTGTAAACGCGTCTGTA C

^a For the *pif* deletion primers, the viral flanking sequence used for homologous recombination are showed in italics. The 3' end of the deletion primers is used for PCR amplification of the chloramphenicol resistance gene from pBeloBAC11.

^b For primers used for *pif* repair or antibody generation, the restriction sites are showed in bold font.