

LIST OF CLONED GENES IN *PHYTOPHTHORA INFESTANS*.

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The following list includes genes isolated from *P. infestans*. Additions and corrections will be welcomed.

gene	gene product	origin [#]	seq [@]	re [*]
<i>actA</i>	actin (ACTA)	STA	+ (M59715)	1
<i>actB</i>	actin (ACTB)	STA	+ (M59716)	1
<i>calA</i>	calmodulin	WAU	+ (M83535)	2
<i>EF-1α</i>	translation elongation factor 1 α	WAU	partial	3
<i>gpdA</i>	glyceraldehyde-3-phosphate dehydrogenase	STA	+ (X64537)	4
<i>ipiO1</i>	IPI-O1	WAU	+ (...)	5
<i>ipiO2</i>	IPI-O2	WAU	+ (...)	5
<i>ipiB1</i>	IPI-B1	WAU	+ (...)	6
<i>ipiB2</i>	IPI-B2	WAU	+ (...)	6
<i>ipiB3</i>	IPI-B3	WAU	+ (...)	6
<i>niaA</i>	nitrate reductase	WAU	+	7
<i>rDNA</i>	rDNA operon encoding 5.8S, 18S and 27S RNA	WAU	partial	7
<i>satP65</i>	species-specific protein (putative ORF)	UGG	partial (Z11579)	8
<i>ubi3R</i>	polyubiquitin	WAU	+ (X55717)	9

Laboratory where gene was isolated.

STA: Plant Molecular Genetics Unit, University of St. Andrews, St. Andrews, Scotland UK.

WAU: Department of Phytopathology, Wageningen Agricultural University, The Netherlands. All the genes from WAU are isolated from a genomic library of *P. infestans* strain 88069.

UGG: Institut für Pflanzenpathologie und Pflanzenschutz, Universität Göttingen, Germany.

@ DNA sequence determined; accession number EMBL, GenBank and DDBJ Nucleotide Sequence Databases is given in brackets.

* reference and/or remarks:

1. Unkles *et al.* (1991) *Gene* 100, 105-112.
2. Pieterse *et al.* (1993) *Mol. Plant Microbe Interactions* 6, 164-172.
3. Pieterse *et al.* unpublished. In addition to the genomic clone three cross-hybridizing cDNA clones, designated pPi116, pPi119 and pPi120, have been isolated.
4. Moon *et al.* (1992) *Plant Molecular Biology* 18, 1209-1211.
5. Pieterse *et al.* (1993) *Gene*, in press; *ipi* = *in planta* induced; in addition to the genomic clones an *ipiO1* cDNA clone has been isolated.
6. Pieterse *et al.* (1993) *Gene*, in press; *ipi* = *in planta* induced; the IPI-B proteins are glycine rich proteins which have an overall structure similar to glycine rich proteins identified in plants.
7. Pieterse *et al.* unpublished.
8. Möller, E.M. (1989) Thesis University of Göttingen; Möller & Prell (1990) *Phytophthora* newsletter 16, 5-6.
9. Pieterse *et al.* (1991) *Plant Molecular Biology* 17, 799-811.