

Table 1: Sequences selected for the final dataset of PR-4

Class	Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
I	P02877	HEVE.HEVBR	204 AA	21859 Da	<i>Hevea brasiliensis</i>	HEV1	Pro-hevein	1	01-NOV-1990
I	P43082	HEVLARATH	212 AA	22937 Da	<i>Arabidopsis thaliana</i>	HEL	Hevein-like protein	1	01-NOV-1995
I	A0SWV6	A0SWV6.9ROSI	205 AA	22000 Da	<i>P tremula x P. alba</i>		Hevein-like	2	09-JAN-2007
I	Q9SEM3	Q9SEM3.CAPAN	210 AA	22115 Da	<i>Capsicum annuum</i>	Cbp1	Wound-induced protein Cbp1	2	01-MAY-2000
I	P09761	WIN1.SOLTU	200 AA	21419 Da	<i>Solanum tuberosum</i>	WIN1	Wound-induced protein WIN1	2	01-JUL-1989
I	P09762	WIN2.SOLTU	211 AA	22498 Da	<i>Solanum tuberosum</i>	WIN2	Wound-induced protein WIN2	2	01-JUL-1989
I	Q41231	Q41231.TOBAC	211 AA	22168 Da	<i>Nicotiana tabacum</i>	CBP20	Pathogen-and wound-inducible antifungal protein	2	01-NOV-1996
II	P29062	PR4A.TOBAC	147 AA	16221 Da	<i>Nicotiana tabacum</i>		Pathogenesis-related protein PR-4A	2	01-DEC-1992
II	Q40558	Q40558.TOBAC	147 AA	16205 Da	<i>Nicotiana tabacum</i>	PR-4A	Pathogenesis-related protein 4A	2	01-NOV-1996
II	P29063	PR4B.TOBAC	147 AA	16235 Da	<i>Nicotiana tabacum</i>		Pathogenesis-related protein PR-4B	2	01-DEC-1992
II	P32045	PRP2.SOLLC	143 AA	16026 Da	<i>Solanum lycopersicum</i>		Pathogenesis-related protein P2	2	01-JUL-1993
II	Q8H6J9	Q8H6J9.BRARP	140 AA	15503 Da	<i>Brassica rapa</i>		PR4-type protein	2	27-SEP-2005
II	Q6DQK2	Q6DQK2.TRIMO	145 AA	15215 Da	<i>Triticum monococtum</i>	PR-4	Pathogenesis-related protein 4	2	16-AUG-2004
II	B6EB12	B6EB12.LYCRD	142 AA	15425 Da	<i>Lycoris radiata</i>		Pathogenesis-related protein	2	25-NOV-2008
II	Q9M7D9	Q9M7D9.PEA	145 AA	15871 Da	<i>Pisum sativum</i>	PRP4A	Pathogenesis-related protein 4A	2	01-OCT-2000
II	Q9M7D8	Q9M7D8.PEA	129 AA	14394 Da	<i>Pisum sativum</i>	PHLP	Pre-hevein-like protein	2	01-OCT-2000
II	Q6FWL9	Q6FWL9.WHEAT	145 AA	15498 Da	<i>Triticum aestivum</i>	PR4f-a	Pathogenesis-related protein	3	05-JUL-2004
II	O64393	WHW2.WHEAT	148 AA	15867 Da	<i>Triticum aestivum</i>	PR4B	Pathogenesis-related protein	1	01-AUG-1998
II	O64392	WHW1.WHEAT	146 AA	15635 Da	<i>Triticum aestivum</i>	PR4A	Wheatwin-2	1	01-AUG-1998
II	P93180	P93180.HORVU	146 AA	15694 Da	<i>Hordeum vulgare</i>		Wheatwin-1	1	01-AUG-1998
II	Q6T5J8	Q6T5J8.ORYSI	151 AA	16475 Da	<i>Oryza sativa</i>	PR-4b	Pathogenesis-related protein 4	2	01-MAY-1997
II	B6SH12	B6SH12.MAIZE	152 AA	16092 Da	<i>Zea mays</i>		Pathogenesis-related protein 4b	2	05-JUL-2004
II	Q41802	Q41802.MAIZE	145 AA	15543 Da	<i>Zea mays</i>		Win1	2	16-DEC-2008
II	O48880	O48880.DIOBU	151 AA	16483 Da	<i>Dioscorea bulbifera</i>	PRP-4-1	Defence-related protein	2	01-NOV-1996
							Pathogenesis-related protein-4	2	01-JUN-1998