

Table 1: Sequences selected for the final dataset of PR-10

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q216V8	Q216V8.PRUPE	160 AA	17648 Da	<i>Prunus persica</i>	Ypr-10	Pathogenesis related protein PR10	2	07-MAR-2006
B5KVN9	B5KVN9.PRUDO	160 AA	17660 Da	<i>Prunus domestica</i>	PR10	Pathogenesis related protein PR10	2	14-OCT-2008
B5KVP1	B5KVP1.PRUDO	160 AA	17646 Da	<i>Prunus domestica</i>	PR10	Pathogenesis related protein PR10	2	14-OCT-2008
Q42428	PRU1.PRUAV	160 AA	17660 Da	<i>Prunus avium</i>	PRU1	Major allergen Pru av 1	1	01-JAN-1998
Q9SYV4	MAL12.MALDO	159 AA	17539 Da	<i>Malus domestica</i>		Major allergen Mal d 1	1	23-JAN-2007
Q9SYV9	Q9SYV4.MALDO	159 AA	17571 Da	<i>Malus domestica</i>	MALD1	Major allergen mal d 1	2	01-MAY-2000
Q9SYV9	Q9SYV9.MALDO	159 AA	17542 Da	<i>Malus domestica</i>	MALD1	Major allergen mal d 1	2	01-MAY-2000
Q9SYV3	Q9SYV3.MALDO	159 AA	17513 Da	<i>Malus domestica</i>	MALD1	Major allergen mal d 1	2	01-MAY-2000
Q9SYV2	Q9SYV2.MALDO	159 AA	17565 Da	<i>Malus domestica</i>	MALD1	Major allergen mal d 1	2	01-MAY-2000
Q9SYW3	Q9SYW3.MALDO	159 AA	17623 Da	<i>Malus domestica</i>	MALD1	Major allergen Mal d 1	2	01-MAY-2000
P43211	MAL11.MALDO	159 AA	17651 Da	<i>Malus domestica</i>	MALD1	Major allergen Mal d 1	1	23-JAN-2007
Q9SYV6	Q9SYV6.MALDO	159 AA	17563 Da	<i>Malus domestica</i>	MALD1	Major allergen Mal d 1.01	2	01-MAY-2000
Q9SYV7	Q9SYV7.MALDO	159 AA	17609 Da	<i>Malus domestica</i>	MALD1	Major allergen mal d 1	2	01-MAY-2000
Q9SYV5	Q9SYV5.MALDO	159 AA	17649 Da	<i>Malus domestica</i>	MALD1	Major allergen mal d 1	2	01-MAY-2000
Q9SYV8	Q9SYV8.MALDO	159 AA	17523 Da	<i>Malus domestica</i>	MALD1	Major allergen mal d 1	2	01-MAY-2000
O65200	PYRC1.PYRCO	159 AA	17581 Da	<i>Pyrus communis</i>	PYRC1	Major allergen Pyr c 1	1	01-AUG-1998
Q5VJRO	Q5VJRO.MALDO	159 AA	17579 Da	<i>Malus domestica</i>	Mal d 1.03B	Major allergen Mal d 1.03B	2	07-DEC-2004
Q5VJR1	Q5VJR1.MALDO	159 AA	17556 Da	<i>Malus domestica</i>	Mal d 1.03E	Major allergen Mal d 1.03E	2	07-DEC-2004
Q5VJQ9	Q5VJQ9.MALDO	159 AA	17706 Da	<i>Malus domestica</i>		Mal d l-like	2	07-DEC-2004
Q5VJQ8	Q5VJQ8.MALDO	159 AA	17712 Da	<i>Malus domestica</i>		Mal d l-like	2	07-DEC-2004
Q5VJR2	Q5VJR2.MALDO	159 AA	17554 Da	<i>Malus domestica</i>	Mal d 1.06B	Major allergen Mal d 1.06B	2	07-DEC-2004
Q5VJR3	Q5VJR3.MALDO	159 AA	17526 Da	<i>Malus domestica</i>	Mal d 1.06B	Major allergen Mal d 1.06B	2	07-DEC-2004
Q5VJR5	Q5VJR5.MALDO	159 AA	17455 Da	<i>Malus domestica</i>	Mal d 1.06A	Major allergen Mal d 1.06A	2	07-DEC-2004
Q5VJR4	Q5VJR4.MALDO	159 AA	17620 Da	<i>Malus domestica</i>		Mal d l-like	2	07-DEC-2004
Q6QH02	Q6QH02.PRUAV	160 AA	17340 Da	<i>Prunus avium</i>		Major cherry allergen Pru av 1.0202	2	05-JUL-2004
Q6QH01	Q6QH01.PRUAV	160 AA	17342 Da	<i>Prunus avium</i>		Major cherry allergen Pru av 1.0203	2	05-JUL-2004
Q6QH03	Q6QH03.PRUAV	160 AA	17351 Da	<i>Prunus avium</i>		Major cherry allergen Pru av 1.0201	2	05-JUL-2004
O50001	PRU1.PRUAR	160 AA	17352 Da	<i>Prunus armeniaca</i>		Major allergen Pru ar 1	1	01-JUN-1998
Q5VJQ7	Q5VJQ7.MALDO	161 AA	17510 Da	<i>Malus domestica</i>		Mal d l-like	2	07-DEC-2004
P43184	BEV1K.BETVE	160 AA	17523 Da	<i>Betula verrucosa</i>	BETV1K	Major pollen allergen Bet v 1-K	1	23-JAN-2007
P43176	BEV1C.BETVE	160 AA	17514 Da	<i>Betula verrucosa</i>	BETV1C	Major pollen allergen Bet v 1-C	1	23-JAN-2007
P45431	BEV1B.BETVE	160 AA	17537 Da	<i>Betula verrucosa</i>	BETV1B	Major pollen allergen Bet v 1-B	1	23-JAN-2007
P43186	BEV1M.BETVE	160 AA	17522 Da	<i>Betula verrucosa</i>	BETV1M	Major pollen allergen Bet v 1-M/N	1	23-JAN-2007
Q92S38	Q92S38.BETVE	160 AA	17472 Da	<i>Betula verrucosa</i>	betv1	Pollen allergen Betv1, isoform at59	2	01-MAY-1999
Q92S39	Q92S39.BETVE	160 AA	17653 Da	<i>Betula verrucosa</i>	betv1	Pollen allergen Betv1, isoform at42	2	01-MAY-1999
Q9SCH6	Q9SCH6.BETVE	160 AA	17604 Da	<i>Betula verrucosa</i>	betv1	Pollen allergen Betv1, isoform at5	2	01-MAY-2000
Q23753	Q23753.BETVE	160 AA	17538 Da	<i>Betula verrucosa</i>	Betv1	Pollen allergen Betv1	2	01-JAN-1998
O23751	O23751.BETVE	160 AA	17537 Da	<i>Betula verrucosa</i>	Betv1	Pollen allergen Betv1	2	01-JAN-1998
P43177	BEV1D.BETVE	160 AA	17549 Da	<i>Betula verrucosa</i>	BETV1D	Major pollen allergen Bet v 1-D/H	1	23-JAN-2007
Q9SCH5	Q9SCH5.BETVE	160 AA	17492 Da	<i>Betula verrucosa</i>	betv1	Pollen allergen Betv1, isoform at7	2	01-MAY-2000

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Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
P43180	BEVIG.BETVE	160 AA	17551 Da	<i>Betula verrucosa</i>	BETVIG	Major pollen allergen Bet v 1-G	1	23-JAN-2007
Q96365	Q96365.BETVE	160 AA	17558 Da	<i>Betula verrucosa</i>		Pollen allergen Bet v 1	2	01-FEB-1997
Q95CI3	Q95CI3.BETVE	160 AA	17588 Da	<i>Betula verrucosa</i>	betv1	Pollen allergen Betv1, isoform at8	2	01-MAY-2000
Q95YMO	Q95YMO.BETVE	160 AA	17530 Da	<i>Betula verrucosa</i>	Betvlb1	Isoallergen Bet v 1 b1	2	01-MAY-2000
Q95CI0	Q95CI0.BETVE	160 AA	17572 Da	<i>Betula verrucosa</i>	betv1	Pollen allergen Betv1, isoform at37	2	01-MAY-2000
Q96367	Q96367.BETVE	160 AA	17584 Da	<i>Betula verrucosa</i>		Pollen allergen Bet v 1	2	01-FEB-1997
Q96368	Q96368.BETVE	160 AA	17466 Da	<i>Betula verrucosa</i>		Pollen allergen Bet v 1	2	01-FEB-1997
Q9AYS2	Q9AYS2.9ROSI	160 AA	17575 Da	<i>Betula platyphylla</i>	BetvIjap3	Bet vI jap3	2	01-JUN-2001
Q9AYS3	Q9AYS3.9ROSI	160 AA	17475 Da	<i>Betula platyphylla</i>	BetvIjap2	Bet vI jap2	2	01-JUN-2001
P43185	BEVIL.BETVE	160 AA	17539 Da	<i>Betula verrucosa</i>	BETVIL	Major pollen allergen Bet v 1-L	1	23-JAN-2007
Q9AYS4	Q9AYS4.9ROSI	160 AA	17537 Da	<i>Betula platyphylla</i>	BetvIjap1	Bet vI jap1	2	01-JUN-2001
Q96370	Q96370.BETVE	160 AA	17541 Da	<i>Betula verrucosa</i>		Pollen allergen Bet v 1	2	01-FEB-1997
Q23752	Q23752.BETVE	160 AA	17523 Da	<i>Betula verrucosa</i>	Betv1	Pollen allergen Betv1	2	01-JAN-1998
Q24642	Q24642.BETVE	160 AA	17589 Da	<i>Betula verrucosa</i>	Betv1	Pollen allergen Betv1	2	01-JAN-1998
Q96366	Q96366.BETVE	160 AA	17557 Da	<i>Betula verrucosa</i>		Pollen allergen Bet v 1	2	01-FEB-1997
P15494	BEVIA.BETVE	160 AA	17571 Da	<i>Betula verrucosa</i>	BETVIA	Major pollen allergen Bet v 1-A	1	23-JAN-2007
Q96371	Q96371.BETVE	160 AA	17670 Da	<i>Betula verrucosa</i>	betv1	Pollen allergen Bet v 1	2	01-FEB-1997
Q42499	Q42499.BETVE	160 AA	17541 Da	<i>Betula verrucosa</i>	betv1	Major allergen Bet v 1	2	01-NOV-1996
Q95CI2	Q95CI2.BETVE	160 AA	17520 Da	<i>Betula verrucosa</i>	betv1	Pollen allergen Betv1, isoform at10	2	01-MAY-2000
Q95CH9	Q95CH9.BETVE	160 AA	17615 Da	<i>Betula verrucosa</i>	betv1	Pollen allergen Betv1, isoform at45	2	01-MAY-2000
Q95CH8	Q95CH8.BETVE	160 AA	17631 Da	<i>Betula verrucosa</i>	betv1	Pollen allergen Betv1, isoform at50	2	01-MAY-2000
Q95YML	Q95YML.BETVE	160 AA	17565 Da	<i>Betula verrucosa</i>	Betvlb2	Isoallergen Bet v 1 b2	2	01-MAY-2000
P43183	BEVIL.BETVE	160 AA	17540 Da	<i>Betula verrucosa</i>	BETVIL	Major pollen allergen Bet v 1-J	1	23-JAN-2007
P43179	BEVIF.BETVE	160 AA	17552 Da	<i>Betula verrucosa</i>	BETVIF	Major pollen allergen Bet v 1-F/I	1	23-JAN-2007
P43178	BEVIE.BETVE	160 AA	17448 Da	<i>Betula verrucosa</i>	BETVIE	Major pollen allergen Bet v 1-E	1	23-JAN-2007
Q95YM2	Q95YM2.BETVE	160 AA	17463 Da	<i>Betula verrucosa</i>	Betvlb3	Isoallergen bet v 1 b3	2	01-MAY-2000
Q39417	Q39417.BETVE	160 AA	17439 Da	<i>Betula verrucosa</i>	1-Scl	1-Scl protein	2	01-NOV-1996
P38948	MPAGL.ALNGL	160 AA	17339 Da	<i>Alnus glutinosa</i>		Major pollen allergen Aln g 1	1	23-JAN-2007
Q96382	Q96382.CARBE	161 AA	17456 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1	2	01-FEB-1997
Q96381	Q96381.CARBE	161 AA	17536 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1	2	01-FEB-1997
Q96379	Q96379.CARBE	160 AA	17434 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1	2	01-FEB-1997
Q96377	Q96377.CARBE	160 AA	17344 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1	2	01-FEB-1997
Q96378	Q96378.CARBE	160 AA	17331 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1	2	01-FEB-1997
B6RQR9	B6RQR9.CARBE	160 AA	17301 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1 isoform	2	16-DEC-2008
B6RQR7	B6RQR7.CARBE	160 AA	17287 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1 isoform	2	16-DEC-2008
Q96503	Q96503.CARBE	160 AA	17391 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1	2	01-FEB-1997
B6RQR6	B6RQR6.CARBE	160 AA	17315 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1 isoform	2	16-DEC-2008
B6RQR8	B6RQR8.CARBE	160 AA	17300 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1 isoform	2	16-DEC-2008
B6RQR0	B6RQR0.CARBE	160 AA	17300 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1 isoform	2	16-DEC-2008
P38949	MPACL.CARBE	160 AA	17402 Da	<i>Carpinus betulus</i>		Major pollen allergen Car b 1 isoforms 1A and 1B	1	23-JAN-2007

Table 3: Sequences selected for the final dataset of PR10

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q96501	Q96501.CARBE	160 AA	17308 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1	2	01-FEB-1997
Q96380	Q96380.CARBE	160 AA	17299 Da	<i>Carpinus betulus</i>		Pollen allergen Car b 1	2	01-FEB-1997
Q08407	MPACL.CORAV	160 AA	17512 Da	<i>Corylus avellana</i>		Major pollen allergen Cor a 1 isoforms 5, 6, 11 and 16	2	23-JAN-2007
P38950	MPAC2.CARBE	160 AA	17487 Da	<i>Corylus avellana</i>		Major pollen allergen Car b 1 isoform 2	1	23-JAN-2007
B7TWE6	B7TWE6.FAGSY	160 AA	17361 Da	<i>Fagus sylvatica</i>		Fag s 1 pollen allergen	2	10-FEB-2009
B7TWE8	B7TWE8.FAGSY	160 AA	17391 Da	<i>Fagus sylvatica</i>		Fag s 1 pollen allergen	2	10-FEB-2009
B7TWE7	B7TWE7.FAGSY	160 AA	17453 Da	<i>Fagus sylvatica</i>		Fag s 1 pollen allergen	2	10-FEB-2009
Q92R08	Q92R08.FAGSY	160 AA	17429 Da	<i>Fagus sylvatica</i>	PR1	Stress and pathogenesis-related protein	2	01-MAY-1999
Q95WR4	Q95WR4.CORAV	161 AA	17581 Da	<i>Corylus avellana</i>	CORAL.0401	Major allergen Cor a 1.0401	2	01-MAY-2000
Q9FPK2	Q9FPK2.CORAV	161 AA	17575 Da	<i>Corylus avellana</i>		Major allergen variant Cor a 1.0404	2	01-MAR-2001
Q9FPK3	Q9FPK3.CORAV	161 AA	17527 Da	<i>Corylus avellana</i>		Major allergen variant Cor a 1.0403	2	01-MAR-2001
Q9FPK4	Q9FPK4.CORAV	161 AA	17511 Da	<i>Corylus avellana</i>		Major allergen variant Cor a 1.0402	2	01-MAR-2001
Q39415	Q39415.BETVE	160 AA	17422 Da	<i>Betula verrucosa</i>	1 Sc-3	1 Sc-3 protein	2	01-NOV-1996
Q7Y083	Q7Y083.DATGL	159 AA	17494 Da	<i>Datisca glomerata</i>	pr10a	Pathogenesis-related protein PR10A	2	01-OCT-2003
B6RQ82	B6RQ82.QUEAL	160 AA	17478 Da	<i>Quercus alba</i>		Pollen allergen Que a 1 isoform	2	16-DEC-2008
B6RQ83	B6RQ83.QUEAL	160 AA	17428 Da	<i>Quercus alba</i>		Pollen allergen Que a 1 isoform	2	16-DEC-2008
B7TWE3	B7TWE3.CASSA	159 AA	17456 Da	<i>Castanea sativa</i>		Cas s 1 pollen allergen	2	10-FEB-2009
B7TWE5	B7TWE5.CASSA	159 AA	17484 Da	<i>Castanea sativa</i>		Cas s 1 pollen allergen	2	10-FEB-2009
B7TWE4	B7TWE4.CASSA	159 AA	17457 Da	<i>Castanea sativa</i>		Cas s 1 pollen allergen	2	10-FEB-2009
B6RQ81	B6RQ81.QUEAL	159 AA	17303 Da	<i>Quercus alba</i>		Pollen allergen Que a 1 isoform	2	16-DEC-2008
Q21305	Q21305.9WAGN	159 AA	17462 Da	<i>Vitis pseudoreticulata</i>	PR10	Pathogenesis-related protein 10	2	07-MAR-2006
B7SL50	B7SL50.VITVI	159 AA	17433 Da	<i>Vitis vinifera</i>	PR10.3	Pathogenesis-related protein 10.3	2	10-FEB-2009
A9CSL9	A9CSL9.9WAGN	158 AA	17109 Da	<i>Vitis hybrid cultivar</i>	Tam-RP10	Pathogenesis-related protein 10	2	05-FEB-2008
Q9MB25	Q9MB25.VIGUN	160 AA	17340 Da	<i>Vigna unguiculata</i>	SI-1	SI-1 protein	2	01-OCT-2000
Q9M500	Q9M500.CAFAN	159 AA	17344 Da	<i>Capsicum annuum</i>	PR-10	Pathogenesis-related protein 10	2	01-OCT-2000
Q2VT55	Q2VT55.CAFAN	159 AA	17192 Da	<i>Capsicum annuum</i>		Pathogenesis-related protein 10	2	10-JAN-2006
Q5DUH6	Q5DUH6.CAPCH	159 AA	17308 Da	<i>Capsicum chinense</i>	pr10	Pathogenesis-related protein 10	2	29-MAR-2005
Q4KYL1	Q4KYL1.9SOLN	160 AA	17587 Da	<i>Solanum virginianum</i>		Pathogenesis-related protein 10	2	02-AUG-2005
P17642	PRS2.SOLTU	155 AA	17295 Da	<i>Solanum tuberosum</i>	STH-2	Pathogenesis-related protein 10	2	01-AUG-1990
P17641	PRS1.SOLTU	155 AA	17200 Da	<i>Solanum tuberosum</i>	STH-21	Pathogenesis-related protein STH-21	2	01-AUG-1990
Q53U35	Q53U35.SOLLC	155 AA	17236 Da	<i>Solanum lycopersicum</i>		Similar to pathogenesis-related protein STH-2	2	24-MAY-2005
Q9FE19	Q9FE19.GOSHI	159 AA	17154 Da	<i>Gossypium hirsutum</i>		PR protein class 10	2	01-MAR-2001
Q6Q4B3	Q6Q4B3.GOSBA	159 AA	17182 Da	<i>Gossypium barbadense</i>		PR10-5-like protein	2	05-JUL-2004
Q9FU15	Q9FU15.GOSHI	159 AA	17293 Da	<i>Gossypium hirsutum</i>		PR protein class 10	2	01-MAR-2001
B9VRH3	B9VRH3.GOSBA	159 AA	17307 Da	<i>Gossypium barbadense</i>		PR10	2	24-MAR-2009
Q9FU16	Q9FU16.GOSHI	159 AA	17210 Da	<i>Gossypium hirsutum</i>		PR protein class 10	2	01-MAR-2001
Q6Q4B4	Q6Q4B4.GOSBA	159 AA	17209 Da	<i>Gossypium barbadense</i>		PR10-12-like protein	2	05-JUL-2004
Q6XC94	Q6XC94.GOSBA	159 AA	17301 Da	<i>Gossypium barbadense</i>		Pathogenesis-related protein 10	2	05-JUL-2004
Q945E7	Q945E7.GOSAR	159 AA	17329 Da	<i>Gossypium arboreum</i>		Ribonuclease-like PR-10	2	01-DEC-2001
P27538	PR2.PETCR	158 AA	16800 Da	<i>Petroselinum crispum</i>	PR2	Pathogenesis-related protein 2	2	01-AUG-1992

Table 4: Sequences selected for the final dataset of PR10

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
P92918	ALL2APIGR	159 AA	17090 Da	<i>Apium graveolens</i>		Major allergen Api g 2	1	01-MAY-1997
Q8SAE7	Q8SAE7.DAUC	154 AA	16518 Da	<i>Daucus carota</i>		Major allergen isoform Dau c 1.0201	2	01-JUN-2002
P19417	PR11PETCR	155 AA	16531 Da	<i>Petroselinum crispum</i>	PCPR1-1	Pathogenesis-related protein A	2	01-NOV-1990
P19418	PR13PETCR	155 AA	16529 Da	<i>Petroselinum crispum</i>	PCPR1-3	Pathogenesis-related protein B	2	01-NOV-1990
Q40795	Q40795.PETCR	155 AA	16356 Da	<i>Petroselinum crispum</i>		Pathogenesis-related protein 1	2	01-MAY-1997
O04298	DAU1.DAUC	154 AA	16049 Da	<i>Daucus carota</i>		Major allergen Dau c 1	1	01-JUL-1997
Q75T31	Q75T31.DAUC	154 AA	16125 Da	<i>Daucus carota</i>	DcPRP	Pathogenesis-related protein	2	05-JUL-2004
O81640	O81640.PIMBR	154 AA	16123 Da	<i>Pimpinella brachycarpa</i>	PR1	Pathogenesis-related protein	2	01-NOV-1998
P49372	ALL1APIGR	154 AA	16321 Da	<i>Apium graveolens</i>		Major allergen Api g 1	1	01-FEB-1996
Q8S903	Q8S903.DAUC	154 AA	16662 Da	<i>Daucus carota</i>	DcPRPlike1	Pathogenesis-related protein-like protein 1	2	01-JUN-2002
Q75T32	Q75T32.DAUC	154 AA	16489 Da	<i>Daucus carota</i>	DcPRPlike2	Pathogenesis-related protein-like protein 2	2	05-JUL-2004
O49065	RAP.TAROF	157 AA	17040 Da	<i>Taraxacum officinale</i>		Root allergen protein	1	01-JUN-1998
Q91WB1	Q91WB1.CICIN	158 AA	17050 Da	<i>Cichorium intybus</i>	vsp	Vegetative storage protein, VSP	2	01-OCT-2001
O8W2B4	O8W2B4.OXATU	158 AA	17289 Da	<i>Oxalis tuberosa</i>	Oca	Major soluble tuber protein ocatin	2	01-MAR-2002
Q91LQ3	Q91LQ3.LUPLU	158 AA	16904 Da	<i>Lupinus luteus</i>	pr10.2a	PR10.2A	1	01-OCT-2000
Q9AXK1	Q9AXK1.LUPLU	158 AA	16805 Da	<i>Lupinus luteus</i>	pr10.2d	PR10.2D protein	2	01-JUN-2001
Q93X10	Q93X10.LUPLU	158 AA	16949 Da	<i>Lupinus albus</i>	pr-10	Pathogenesis-related 10	2	01-DEC-2001
Q7Y1W5	Q7Y1W5.LUPLU	157 AA	16869 Da	<i>Lupinus luteus</i>	pr10.2e	Class 10 pathogenesis-related protein	2	01-OCT-2003
Q9AXK2	Q9AXK2.LUPLU	158 AA	16812 Da	<i>Lupinus luteus</i>	pr10.2c	PR10.2C protein	2	01-JUN-2001
Q91LQ2	Q91LQ2.LUPLU	158 AA	16888 Da	<i>Lupinus luteus</i>	pr10.2b	Class 10 plant pathogenesis-related protein	1	01-OCT-2000
O24010	O24010.LUPLU	158 AA	16924 Da	<i>Lupinus albus</i>	pr10	PR-10 protein	2	01-JAN-1998
Q39450	Q39450.CICAR	158 AA	16887 Da	<i>Cicer arietinum</i>	capr1	Pathogenesis related protein	2	01-NOV-1996
Q06930	ABR18.PEA	158 AA	17023 Da	<i>Pisum sativum</i>		ABA-responsive protein ABR18	2	01-OCT-1996
P14710	DRR3.PEA	158 AA	16747 Da	<i>Pisum sativum</i>	DRR49A	Disease resistance response protein ABR18	2	01-APR-1990
P13239	DRR1.PEA	159 AA	16920 Da	<i>Pisum sativum</i>		Disease resistance response protein Pi49	2	01-JAN-1990
P27047	DRR4.PEA	158 AA	16791 Da	<i>Pisum sativum</i>		Disease resistance response protein Pi176	2	01-AUG-1992
P93333	P93333.MEDTR	157 AA	16657 Da	<i>Medicago truncatula</i>	PR10-1	PR10-1 protein	2	01-MAY-1997
Q43560	PR1.MEDSA	157 AA	16645 Da	<i>Medicago sativa</i>		Class-10 pathogenesis-related protein 1	2	01-NOV-1996
Q40320	Q40320.MEDSA	157 AA	16629 Da	<i>Medicago sativa</i>	MSPR10-1	Srg1	2	01-NOV-1996
P26987	SAM22.SOXEN	158 AA	16772 Da	<i>Glycine max</i>	SRG1	Stress-induced protein SAM22	1	01-AUG-1992
Q43453	Q43453.SOYBN	158 AA	16757 Da	<i>Glycine max</i>		G.max mRNA from stress-induced gene (H4)	2	01-NOV-1996
P25986	PR2.PHAVU	155 AA	16403 Da	<i>Phaseolus vulgaris</i>		Pathogenesis-related protein 2	2	01-MAY-1992
Q9SXX8	Q9SXX8.VIGUN	155 AA	16403 Da	<i>Vigna unguiculata</i>		Cowpea pathogenesis-related protein 3 (CpPR3)	2	01-MAY-2000
A7LNN6	A7LNN6.PHAAN	155 AA	16386 Da	<i>Phaseolus angularis</i>	papr2	Pathogen-related protein	2	11-SEP-2007
Q41711	Q41711.VIGUN	155 AA	16314 Da	<i>Vigna unguiculata</i>	PR4.2	Pathogenesis related protein	2	01-NOV-1996
Q2VU97	Q2VU97.9FABA	155 AA	16189 Da	<i>Vigna radiata</i>		Pathogenesis-related protein 10	2	10-JAN-2006
P25985	PR1.PHAVU	156 AA	16529 Da	<i>Phaseolus vulgaris</i>		Pathogenesis-related protein 1	1	23-JAN-2007
B22GS2	B22GS2.ARAHY	157 AA	16920 Da	<i>Arachis hypogaea</i>	PR10	Pathogenesis-related class 10 protein	2	01-JUL-2008
Q6VT83	Q6VT83.ARAHY	157 AA	16952 Da	<i>Arachis hypogaea</i>		Ara h 8 allergen	2	05-JUL-2004
Q0PKR4	Q0PKR4.ARAHY	157 AA	16925 Da	<i>Arachis hypogaea</i>		Pathogenesis-related protein 10	2	05-SEP-2006

Table 5: Sequences selected for the final dataset of PR10

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
P52779	L18B.LUPLU	156 AA	16655 Da	<i>Lupinus luteus</i>	L18B	Protein L18B	1	01-OCT-1996
Q9SPB2	Q9SPB2.LUPLU	156 AA	16750 Da	<i>Lupinus luteus</i>	pr10.1c	L18B	2	01-MAY-2000
P52778	L18A.LUPLU	156 AA	16859 Da	<i>Lupinus luteus</i>	L18A	Protein L18A	1	01-OCT-1996
Q8W1M7	Q8W1M7.9FABA	157 AA	16735 Da	<i>Retama raetam</i>		Drought-induced protein RPR-10	2	01-MAR-2002
Q6YNP8	Q6YNP8.IRIRP	157 AA	16529 Da	<i>Trifolium repens</i>		Cold responsive protein TRVSP	2	05-JUL-2004
Q06931	ABR17.PEA	157 AA	16629 Da	<i>Pisum sativum</i>		ABA-responsive protein ABR17	2	01-OCT-1996
Q8L6K8	Q8L6K8.MEDSA	157 AA	16592 Da	<i>Medicago sativa</i>	pprg2	Pprg2 protein	2	01-OCT-2002
BOYIU5	BOYIU5.ARAHY	153 AA	16413 Da	<i>Arachis hypogaea</i>		Ara h 8 allergen isoform	2	08-APR-2008
Q5USC6	Q5USC6.9ROSA	157 AA	16752 Da	<i>Morus bombycis</i>		18 kD winter accumulating protein A	2	07-DEC-2004
Q5USC5	Q5USC5.9ROSA	157 AA	16737 Da	<i>Morus bombycis</i>		18 kD winter accumulating protein B	2	07-DEC-2004
Q5USC4	Q5USC4.9ROSA	157 AA	16630 Da	<i>Morus bombycis</i>		18 kD winter accumulating protein C	2	07-DEC-2004
BSM1X5	BSM1X5.RHEAU	160 AA	17811 Da	<i>Rheum australe</i>		Pathogenesis-related protein 10	2	14-OCT-2008
BSM1X6	BSM1X6.RHEAU	160 AA	17883 Da	<i>Rheum australe</i>		Pathogenesis-related protein 10a	2	14-OCT-2008
B7U922	B7U922.9CARY	161 AA	18160 Da	<i>Tamarix hispida</i>		Pathogenesis-related protein	2	10-FEB-2009
Q8H1L1	Q8H1L1.HYPPE	159 AA	17813 Da	<i>Hypericum perforatum</i>		Phenolic oxidative coupling protein Hyp-1	2	01-MAR-2003
Q40154	Q40154.LITER	156 AA	16804 Da	<i>Lithospermum erythrorhizon</i>		LEDI-1 protein	2	01-NOV-1996
Q9ZTP6	Q9ZTP6.LITER	154 AA	16593 Da	<i>Lithospermum erythrorhizon</i>		Pathogenesis-related protein PR2	2	01-MAY-1999
A0FLJ6	A0FLJ6.CITSI	161 AA	17604 Da	<i>Citrus sinensis</i>	PR	Stress-related protein	2	28-NOV-2006
Q7X9W3	Q7X9W3.PINMO	161 AA	17995 Da	<i>Pinus monticola</i>	PR10-1.6	PR10 protein	2	01-OCT-2003
Q7X9W8	Q7X9W8.PINMO	161 AA	17922 Da	<i>Pinus monticola</i>	PR10-1.1	PR10 protein	2	01-OCT-2003
Q7X9W6	Q7X9W6.PINMO	161 AA	18011 Da	<i>Pinus monticola</i>	PR10-1.3	PR10 protein	2	01-OCT-2003
Q7X9W5	Q7X9W5.PINMO	161 AA	18023 Da	<i>Pinus monticola</i>	PR10-1.4	PR10 protein	2	01-OCT-2003
Q7X9W2	Q7X9W2.PINMO	161 AA	17965 Da	<i>Pinus monticola</i>	PR10-1.7	PR10 protein	2	01-OCT-2003
Q7X9W7	Q7X9W7.PINMO	161 AA	17894 Da	<i>Pinus monticola</i>	PR10-1.2	PR10 protein	2	01-OCT-2003
Q7X9W4	Q7X9W4.PINMO	161 AA	18021 Da	<i>Pinus monticola</i>	PR10-1.5	PR10 protein	2	01-OCT-2003
Q7X9W1	Q7X9W1.PINMO	161 AA	17988 Da	<i>Pinus monticola</i>	PR10-1.8	PR10 protein	2	01-OCT-2003
O81134	O81134.PINMO	161 AA	18002 Da	<i>Pinus monticola</i>	PR10-1.10	Intracellular pathogenesis-related protein PinmIII	2	01-NOV-1998
Q7X9W0	Q7X9W0.PINMO	161 AA	18016 Da	<i>Pinus monticola</i>	PR10-1.9	PR10 protein	2	01-OCT-2003
Q7X9V8	Q7X9V8.PINMO	161 AA	17964 Da	<i>Pinus monticola</i>	PR10-1.12	PR10 protein	2	01-OCT-2003
Q7X9V9	Q7X9V9.PINMO	161 AA	18027 Da	<i>Pinus monticola</i>	PR10-1.11	PR10 protein	2	01-OCT-2003
Q7X9V7	Q7X9V7.PINMO	161 AA	17791 Da	<i>Pinus monticola</i>	PR10-1.13	PR10 protein	2	01-OCT-2003
Q5YBE7	Q5YBE7.PINMO	161 AA	18020 Da	<i>Pinus monticola</i>		Pathogenesis-related protein 10-3.3	2	23-NOV-2004
Q5YBE8	Q5YBE8.PINMO	161 AA	18210 Da	<i>Pinus monticola</i>		Pathogenesis-related protein 10-3.2	2	23-NOV-2004
Q5YBE9	Q5YBE9.PINMO	161 AA	18101 Da	<i>Pinus monticola</i>		Pathogenesis-related protein 10-3.1	2	23-NOV-2004
Q5YBF0	Q5YBF0.PINMO	162 AA	18267 Da	<i>Pinus monticola</i>		Pathogenesis-related protein 10-2.1	2	23-NOV-2004
B3TM18	B3TM18.ELAGV	159 AA	16974 Da	<i>Elaeis guineensis</i>		Pathogenesis-related protein 10c	2	02-SEP-2008
B3TLX2	B3TLX2.ELAGV	158 AA	16915 Da	<i>Elaeis guineensis</i>		Early flowering protein 1	2	02-SEP-2008
Q96233	Q96233.ASFOF	159 AA	16842 Da	<i>Asparagus officinalis</i>		Early flowering protein 1	2	01-FEB-1997
B5B3P8	B5B3P8.WHEAT	160 AA	17063 Da	<i>Triticum aestivum</i>	PR10	Pathogenesis related protein 10	2	23-SEP-2008
Q945E9	Q945E9.ORYSA	160 AA	17174 Da	<i>Oryza sativa</i>	J10SPR10	Pathogenesis related protein 10	2	01-DEC-2001

Table 6: Sequences selected for the final dataset of PR10

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
B6SXF5	B6SXF5.MAIZE	160 AA	16970 Da	<i>Zea mays</i>		Pathogenesis-related protein 1	2	16-DEC-2008
Q41298	Q41298.SORBI	161 AA	17515 Da	<i>Sorghum bicolor</i>	PR-10	Pathogenesis-related protein	2	01-NOV-1996
Q9SEY7	Q9SEY7.LILLO	157 AA	16741 Da	<i>Lilium longiflorum</i>	Llpr6	Intracellular pathogenesis-related protein PR-106	2	01-MAY-2000
Q24453	Q24453.LILLO	157 AA	16755 Da	<i>Lilium longiflorum</i>	Llpr4	Intracellular pathogenesis-related protein PR-104	2	01-JAN-1998
Q9ZPP9	Q9ZPP9.LILLO	157 AA	16782 Da	<i>Lilium longiflorum</i>	Llpr1	Intracellular pathogenesis-related protein PR-101	2	01-MAY-1999
Q9SEY9	Q9SEY9.LILLO	157 AA	16797 Da	<i>Lilium longiflorum</i>	Llpr3	Intracellular pathogenesis-related protein PR-103	2	01-MAY-2000
Q9ZPP8	Q9ZPP8.LILLO	157 AA	16653 Da	<i>Lilium longiflorum</i>	Llpr7	Intracellular pathogenesis-related protein PR-107	2	01-MAY-1999
Q9S877	Q9S877.ASPOF	158 AA	16899 Da	<i>Asparagus officinalis</i>	PR10/6	Intracellular pathogenesis-related protein, isoform 6	2	01-MAY-2000
Q9S877	PR1.ASPOF	158 AA	16921 Da	<i>Asparagus officinalis</i>	PR1	Pathogenesis-related protein 1	2	01-JUN-1994
Q9ZRR2	Q9ZRR2.ASPOF	158 AA	16887 Da	<i>Asparagus officinalis</i>	PR10/5	Intracellular pathogenesis-related protein, isoform 5	2	01-MAY-1999
Q9ZRR3	Q9ZRR3.ASPOF	158 AA	16912 Da	<i>Asparagus officinalis</i>	PR10/4	Intracellular pathogenesis-related protein, isoform 4	2	01-MAY-1999
Q9ZRR1	Q9ZRR1.ASPOF	158 AA	16941 Da	<i>Asparagus officinalis</i>	PR10/7	Intracellular pathogenesis-related protein, isoform 7	2	01-MAY-1999
Q5YJR3	Q5YJR3.HYAOR	160 AA	16857 Da	<i>Hyacinthus orientalis</i>		Intracellular pathogenesis-related protein	2	23-NOV-2004
B1Q190	B1Q190.REHGL	154 AA	16991 Da	<i>Rehmannia glutinosa</i>	PR-10	Pathogenesis-related protein	2	29-APR-2008
P93330	P93330.MEDTR	163 AA	18180 Da	<i>Medicago truncatula</i>	MtN13	Pathogenesis-related protein	2	01-MAY-1997
Q40707	Q40707.ORYSA	158 AA	16688 Da	<i>Oryza sativa</i>		MtN13 protein	2	01-NOV-1996
Q2QNT0	Q2QNT0.ORYSJ	158 AA	16982 Da	<i>Oryza sativa</i>	Osl2g0555200	Osl2g0555200 protein	2	24-JAN-2006
Q5VJQ6	Q5VJQ6.MALDO	163 AA	18433 Da	<i>Malus domestica</i>		Mal d 1-like	2	07-DEC-2004
Q84QC7	Q84QC7.HORVU	166 AA	17260 Da	<i>Hordeum vulgare</i>	PR-10	Pathogenesis-related protein 10	2	01-JUN-2003
Q93VR4	ML423.ARAITH	155 AA	17054 Da	<i>Arabidopsis thaliana</i>	MLP423	MLP-like protein 423	1	01-DEC-2001
A8IXG5	A8IXG5.BRACM	155 AA	17161 Da	<i>Brassica campestris</i>		Bet v I allergen family protein	2	04-DEC-2007
Q9FYU3	Q9FYU3.LUPLU	158 AA	17875 Da	<i>Lupinus luteus</i>		Cytokinin-specific binding protein 1	2	01-MAR-2001
Q9ZWP8	Q9ZWP8.9FABA	155 AA	17622 Da	<i>Vigna radiata</i>		Cytokinin-specific binding protein	1	01-MAY-1999
Q19VG6	Q19VG6.MAIZE	154 AA	17111 Da	<i>Zea mays</i>		Major latex protein 22	2	11-JUL-2006
Q5XLE0	Q5XLE0.MAIZE	154 AA	17085 Da	<i>Zea mays</i>		Bet v I allergen	2	23-NOV-2004