

Table 1: Sequences selected for the final dataset of PR-9

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q43102	Q43102.POPTR	345 AA	36648 Da	<i>Populus trichocarpa</i>		Peroxidase	2	01-NOV-1996
B9GYK0	B9GYK0.POPTR	349 AA	37231 Da	<i>Populus trichocarpa</i>	P05	Peroxidase	2	24-MAR-2009
Q9LEH3	PER15.IPOBA	327 AA	34956 Da	<i>Ipomoea batatas</i>	pod	Peroxidase 15	1	01-OCT-2000
Q5JBR5	Q5JBR5.IPOBA	327 AA	34575 Da	<i>Ipomoea batatas</i>		Anionic peroxidase swpa5	2	15-FEB-2005
Q0ZA88	Q0ZA88.HEVBR	346 AA	37076 Da	<i>Hevea brasiliensis</i>	rbp1	Rubber peroxidase 1	2	22-AUG-2006
B5U1R2	B5U1R2.LITCN	353 AA	37658 Da	<i>Litchi chinensis</i>		Peroxidase 2	2	04-NOV-2008
Q43099	Q43099.POPTR	343 AA	36576 Da	<i>Populus trichocarpa</i>		Peroxidase	2	01-NOV-1996
Q40949	Q40949.POFNI	343 AA	36530 Da	<i>Populus nigra</i>		Peroxidase	2	01-NOV-1996
Q43101	Q43101.POPTR	343 AA	36750 Da	<i>Populus trichocarpa</i>		Peroxidase	2	01-NOV-1996
Q8RVP3	Q8RVP3.GOSHI	347 AA	37408 Da	<i>Gossypium hirsutum</i>	pod10	Apoplastic anionic gaiacol peroxidase	2	01-JUN-2002
Q0ZA67	Q0ZA67.CITMA	350 AA	37466 Da	<i>Citrus maxima</i>	POD1	Peroxidase	2	22-AUG-2006
Q42905	Q42905.LINUS	359 AA	38197 Da	<i>Linum usitatissimum</i>	FLXPER1	Peroxidase	2	01-NOV-1996
Q8S304	Q8S304.FITCA	364 AA	39773 Da	<i>Ficus carica</i>		Peroxidase	2	01-JUN-2002
Q42578	PER53.ARATH	335 AA	34989 Da	<i>Arabidopsis thaliana</i>	PER53	Peroxidase 53	1	01-NOV-1996
Q9FG34	PER54.ARATH	358 AA	37290 Da	<i>Arabidopsis thaliana</i>	PER54	Peroxidase 54	2	01-MAR-2001
Q9XFL6	Q9XFL6.PHAVU	334 AA	35514 Da	<i>Phaseolus vulgaris</i>	FBP5	Peroxidase 5	2	01-NOV-1999
P11965	PERX.TOBAC	324 AA	34674 Da	<i>Nicotiana tabacum</i>		Lignin-forming anionic peroxidase	2	01-OCT-1989
Q8W174	Q8W174.NICTO	324 AA	34721 Da	<i>Nicotiana tomentosiformis</i>		Anionic peroxidase	2	01-MAR-2002
Q43774	Q43774.SOLLC	325 AA	34924 Da	<i>Solanum lycopersicum</i>	CEVI-1	Peroxidase	2	01-NOV-1996
Q43790	Q43790.MEDSA	355 AA	38192 Da	<i>Medicago sativa</i>	prx1B	Peroxidase1B	2	01-NOV-1996
Q43791	Q43791.MEDSA	358 AA	38276 Da	<i>Medicago sativa</i>	prx1C	Peroxidase1C	2	01-NOV-1996
Q40365	Q40365.MEDSA	347 AA	37153 Da	<i>Medicago sativa</i>	pxdA	Peroxidase	2	01-NOV-1996
Q18PQ8	Q18PQ8.PEA	353 AA	38056 Da	<i>Pisum sativum</i>		Peroxidase	2	25-JUL-2006
Q18PQ7	Q18PQ7.PEA	350 AA	38103 Da	<i>Pisum sativum</i>		Peroxidase	2	25-JUL-2006
Q23961	Q23961.SOYBN	354 AA	38625 Da	<i>Glycine max</i>	GM1PER1	Peroxidase	2	01-JAN-1998
Q8GZS1	Q8GZS1.LUPAL	355 AA	38204 Da	<i>Lupinus albus</i>		Extensin peroxidase	2	01-MAR-2003
Q24081	Q24081.MEDSA	351 AA	37438 Da	<i>Medicago sativa</i>	prx1A	Peroxidase1A	2	01-JAN-1998
Q18PQ9	Q18PQ9.PEA	356 AA	37854 Da	<i>Pisum sativum</i>		Peroxidase	2	25-JUL-2006
Q40366	Q40366.MEDSA	353 AA	38200 Da	<i>Medicago sativa</i>	pxdC	Peroxidase	2	01-NOV-1996
Q22443	Q22443.SOYBN	352 AA	38106 Da	<i>Glycine max</i>	Ep	Peroxidase	1	01-JAN-1998
Q18PR0	Q18PR0.PEA	357 AA	38601 Da	<i>Pisum sativum</i>		Peroxidase	2	25-JUL-2006
A4UN77	A4UN77.MEDTR	354 AA	38308 Da	<i>Medicago truncatula</i>	PRX2	Peroxidase	2	15-MAY-2007
Q9SMU8	PER34.ARATH	353 AA	38832 Da	<i>Arabidopsis thaliana</i>	PER34	Peroxidase 34	1	01-MAY-2000
P24101	PER33.ARATH	354 AA	38941 Da	<i>Arabidopsis thaliana</i>	PER33	Peroxidase 33	1	01-MAR-1992
P00433	PER1A.ARWNU	353 AA	38825 Da	<i>Amoracia rusticana</i>	PRXC1A	Peroxidase CIA	1	01-APR-1990
Q4PJ00	Q4PJ00.BRANA	354 AA	38861 Da	<i>Brassica napus</i>		Peroxidase	2	19-JUL-2005
A9XEK4	A9XEK4.THEHA	353 AA	38883 Da	<i>Thellungiella halophila</i>	p32	Peroxidase 32	2	05-FEB-2008
Q9LHB9	PER32.ARATH	352 AA	38847 Da	<i>Arabidopsis thaliana</i>	PER32	Peroxidase 32	1	05-FEB-2008
Q9LD44	PER38.ARATH	346 AA	38086 Da	<i>Arabidopsis thaliana</i>	PER38	Peroxidase 38	2	01-OCT-2000
Q9LDN9	PER37.ARATH	346 AA	38203 Da	<i>Arabidopsis thaliana</i>	PER37	Peroxidase 37	2	01-OCT-2000

Table 2: Sequences selected for the final dataset of PR09

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
O80912	PER23.ARATH	349 AA	38100 Da	<i>Arabidopsis thaliana</i>	PER23	Peroxidase 23	2	01-NOV-1998
P24102	PER22.ARATH	349 AA	38108 Da	<i>Arabidopsis thaliana</i>	PER22	Peroxidase 22	1	02-MAY-2002
B67B1	B67B1.MAIZE	340 AA	36177 Da	<i>Zea mays</i>		Peroxidase 54	2	16-DEC-2008
P59120	PER58.ARATH	329 AA	35429 Da	<i>Arabidopsis thaliana</i>	PER58	Peroxidase 58	2	06-DEC-2002
O65773	O65773.CUCPE	325 AA	35624 Da	<i>Cucurbita pepo</i>	aprx	Peroxidase	2	01-JAN-1999
Q6UBM4	Q6UBM4.CUCME	345 AA	37216 Da	<i>Cucumis melo</i>		Netting associated peroxidase	2	05-JUL-2004
Q39652	Q39652.CUCSA	329 AA	35746 Da	<i>Cucumis sativus</i>	pre-peroxidase	Peroxidase	2	01-NOV-1996
Q40559	Q40559.CUCSA	322 AA	34297 Da	<i>Cucumis sativus</i>	pre-peroxidase	Peroxidase	2	01-NOV-1996
Q6UNK7	Q6UNK7.GOSHI	322 AA	34883 Da	<i>Gossypium hirsutum</i>	pod9	POD9	2	05-JUL-2004
Q39034	PER59.ARATH	328 AA	35023 Da	<i>Arabidopsis thaliana</i>	PER59	Peroxidase 59	1	06-DEC-2002
Q42517	PERNARMRU	327 AA	35126 Da	<i>Amoracia rusticana</i>	HRPN	Peroxidase N	2	01-NOV-1996
Q9XGV6	Q9XGV6.GOSHI	316 AA	33696 Da	<i>Gossypium hirsutum</i>		Bacterial-induced peroxidase	2	01-NOV-1999
Q58GF4	Q58GF4.9ROSI	316 AA	33385 Da	<i>Populus alba x Populus tremula</i>		Peroxidase	2	26-APR-2005
O18PR1	O18PR1.PEA	318 AA	34279 Da	<i>Pisum sativum</i>		Peroxidase	2	25-JUL-2006
B3V223	B3V223.LEUGL	316 AA	34206 Da	<i>Leucaena glauca</i>	LBFOX	Lignin biosynthetic peroxidase	2	02-SEP-2008
B6SNF9	B6SNF9.MAIZE	318 AA	33491 Da	<i>Zea mays</i>		Peroxidase 52	2	16-DEC-2008
P93548	P93548.SPTOL	323 AA	35283 Da	<i>Spinacia oleracea</i>	prxr4	Peroxidase	2	01-MAY-1997
B6SMR2	B6SMR2.MAIZE	318 AA	33526 Da	<i>Zea mays</i>		Peroxidase 52	2	16-DEC-2008
Q513P2	Q513P2.TRIMO	322 AA	34712 Da	<i>Triticum monoccocum</i>	POX6	Peroxidase 6	2	15-FEB-2005
Q9FLC0	PER52.ARATH	324 AA	34215 Da	<i>Arabidopsis thaliana</i>	PER52	Peroxidase 52	2	01-MAR-2001
B9VRK9	B9VRK9.CAFAN	324 AA	34934 Da	<i>Capsicum annuum</i>	POD	Peroxidase	2	24-MAR-2009
Q9XIV9	Q9XIV9.TOBAC	321 AA	34370 Da	<i>Nicotiana tabacum</i>		Peroxidase	2	01-NOV-1999
Q5JBR1	Q5JBR1.IPOBA	320 AA	34277 Da	<i>Ipomoea batatas</i>		Anionic peroxidase swpb3	2	15-FEB-2005
B3SH11	B3SH11.IPOBA	320 AA	34265 Da	<i>Ipomoea batatas</i>		Basic peroxidase swpb4	2	02-SEP-2008
Q7XYR7	Q7XYR7.GOSHI	330 AA	35421 Da	<i>Gossypium hirsutum</i>	pod7	Class III peroxidase	2	01-OCT-2003
O84ZT5	O84ZT5.ASPOF	320 AA	33946 Da	<i>Asparagus officinalis</i>	prx3	Peroxidase	2	01-JUN-2003
B6U6W0	B6U6W0.MAIZE	334 AA	34802 Da	<i>Zea mays</i>		Peroxidase 52	2	16-DEC-2008
Q6T1D0	Q6T1D0.QUESU	330 AA	33851 Da	<i>Quercus suber</i>	POX2	Peroxidase	2	05-JUL-2004
Q8RVP7	Q8RVP7.GOSHI	320 AA	34395 Da	<i>Gossypium hirsutum</i>	pod3	Class III peroxidase	2	01-JUN-2002
O84ZT7	O84ZT7.ASPOF	315 AA	33936 Da	<i>Asparagus officinalis</i>	prx1	Peroxidase	2	01-JUN-2003
C0KXH4	C0KXH4.SESPO	318 AA	34312 Da	<i>Sesuvium portulacastrum</i>	POD1	Peroxidase 1	2	05-MAY-2009
Q91VL2	PER67.ARATH	316 AA	34708 Da	<i>Arabidopsis thaliana</i>	PER67	Peroxidase 67	2	01-OCT-2000
Q91VL1	PER68.ARATH	325 AA	35627 Da	<i>Arabidopsis thaliana</i>	PER68	Peroxidase 68	2	01-OCT-2000
Q9XFL4	Q9XFL4.PHAVU	324 AA	35018 Da	<i>Phaseolus vulgaris</i>	FBP3	Peroxidase 3	2	01-NOV-1999
Q43212	Q43212.WHEAT	312 AA	32728 Da	<i>Triticum aestivum</i>		Peroxidase	2	01-NOV-1996
Q513F7	Q513F7.TRIMO	312 AA	32596 Da	<i>Triticum monoccocum</i>	POX1	Peroxidase 1	2	15-FEB-2005
P27337	PER1.HORVU	315 AA	32976 Da	<i>Hordeum vulgare</i>		Peroxidase 1	2	01-AUG-1992
Q40068	Q40068.HORVU	315 AA	32990 Da	<i>Hordeum vulgare</i>	prx	Peroxidase	2	01-NOV-1996
Q513F6	Q513F6.TRIMO	316 AA	32894 Da	<i>Triticum monoccocum</i>	POX2	Peroxidase 2	2	15-FEB-2005
Q513F5	Q513F5.TRIMO	314 AA	32620 Da	<i>Triticum monoccocum</i>	POX3	Peroxidase 3	2	15-FEB-2005

Table 3: Sequences selected for the final dataset of PR09

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q43218	Q43218.WHEAT	314 AA	32678 Da	<i>Triticum aestivum</i>	POX2	Peroxidase	2	01-NOV-1996
B4F6F1	B4F6F1.WHEAT	314 AA	32575 Da	<i>Triticum aestivum</i>	prb3	Root peroxidase	2	23-SEP-2008
Q05855	PER1.WHEAT	312 AA	32381 Da	<i>Triticum aestivum</i>		Peroxidase	2	01-FEB-1995
B4F6E7	B4F6E7.WHEAT	314 AA	32581 Da	<i>Triticum aestivum</i>	pra3	Root peroxidase	2	23-SEP-2008
B4F6F0	B4F6F0.WHEAT	314 AA	32504 Da	<i>Triticum aestivum</i>	prb2	Root peroxidase	2	23-SEP-2008
B4F6F2	B4F6F2.WHEAT	314 AA	32504 Da	<i>Triticum aestivum</i>	prb4	Root peroxidase	2	23-SEP-2008
B4F6E5	B4F6E5.WHEAT	314 AA	32480 Da	<i>Triticum aestivum</i>	pra1	Root peroxidase	2	23-SEP-2008
B4F6E6	B4F6E6.WHEAT	314 AA	32523 Da	<i>Triticum aestivum</i>	pra2	Root peroxidase	2	23-SEP-2008
Q0D3N0	PER2.ORYSJ	314 AA	32606 Da	<i>Oryza sativa</i>	PRX112	Peroxidase 2	2	17-OCT-2006
Q7F1U0	Q7F1U0.ORYSJ	317 AA	32890 Da	<i>Oryza sativa</i>	OJ1167.G06.125	Os07g0677200 protein	2	05-JUL-2004
O22438	O22438.ORYSA	317 AA	32864 Da	<i>Oryza sativa</i>	POX22.3	Peroxidase	2	01-JAN-1998
Q43006	Q43006.ORYSA	317 AA	32876 Da	<i>Oryza sativa</i>		Peroxidase	2	01-NOV-1996
Q9LKY9	Q9LKY9.ORYSA	311 AA	32462 Da	<i>Oryza sativa</i>		Peroxidase POC1	2	01-OCT-2000
Q7F1U1	Q7F1U1.ORYSJ	315 AA	32950 Da	<i>Oryza sativa</i>		Os07g0677100 protein	2	05-JUL-2004
O22439	O22439.ORYSA	315 AA	32949 Da	<i>Oryza sativa</i>	POX8.1	Peroxidase	2	01-JAN-1998
O22440	O22440.ORYSA	314 AA	32438 Da	<i>Oryza sativa</i>	POX5.1	Peroxidase	2	01-JAN-1998
Q513F4	Q513F4.TRIMO	313 AA	32946 Da	<i>Triticum monococcum</i>	POX4	Peroxidase 4	2	15-FEB-2005
Q43417	Q43417.CENCI	313 AA	32495 Da	<i>Cenchrus ciliaris</i>		Peroxidase	2	01-NOV-1996
Q43220	Q43220.WHEAT	319 AA	33614 Da	<i>Triticum aestivum</i>	pox4	Peroxidase	2	01-NOV-1996
ASH452	PER70.MAIZE	321 AA	33481 Da	<i>Zea mays</i>	PER70	Peroxidase 70	1	12-JUN-2007
Q41577	Q41577.WHEAT	316 AA	33176 Da	<i>Triticum aestivum</i>	poxl	Poxl protein	2	01-NOV-1996
ASH454	PER66.MAIZE	320 AA	33419 Da	<i>Zea mays</i>	PER66	Peroxidase 66	1	12-JUN-2007
ASH453	PER42.MAIZE	321 AA	33011 Da	<i>Zea mays</i>	PER42	Peroxidase 42	2	12-JUN-2007
Q4W2V2	Q4W2V2.PICAB	320 AA	34067 Da	<i>Picea abies</i>	px7	Peroxidase	2	05-JUL-2005
Q4W2V3	Q4W2V3.PICAB	320 AA	34036 Da	<i>Picea abies</i>	px6	Peroxidase	2	05-JUL-2005
Q4W2V4	Q4W2V4.PICAB	320 AA	34059 Da	<i>Picea abies</i>	px5	Peroxidase	2	05-JUL-2005
Q4W2V5	Q4W2V5.PICAB	317 AA	33396 Da	<i>Picea abies</i>	px4	Peroxidase	2	05-JUL-2005
Q0QW34	Q0QW34.PICAB	310 AA	32880 Da	<i>Picea abies</i>	px18	Properoxidase	2	03-OCT-2006
P22195	PER1.ARAHY	316 AA	33518 Da	<i>Arachis hypogaea</i>	PNC1	Cationic peroxidase 1	1	15-JUL-1999
Q7XMP4	Q7XMP4.ORYSJ	319 AA	33898 Da	<i>Oryza sativa</i>	OSJNBb0059K02.17	Os04g0651000 protein	2	01-MAR-2004
AOSWU6	AOSWU6.SESRO	321 AA	35157 Da	<i>Sesbania rostrata</i>	prx1	Peroxidase 1	2	09-JAN-2007
Q9SSZ7	Q9SSZ7.SCUBA	318 AA	33903 Da	<i>Scutellaria baicalensis</i>		Peroxidase 3	2	01-MAY-2000
B5U1R3	B5U1R3.LITCN	318 AA	34360 Da	<i>Litchi chinensis</i>		Peroxidase 1	2	04-NOV-2008
B6SRR3	B6SRR3.MAIZE	331 AA	34699 Da	<i>Zea mays</i>		Peroxidase 52	2	16-DEC-2008
B6TU39	B6TU39.MAIZE	342 AA	34963 Da	<i>Zea mays</i>		Peroxidase 2	2	16-DEC-2008
B6U2M7	B6U2M7.MAIZE	342 AA	35099 Da	<i>Zea mays</i>		Peroxidase 68	2	16-DEC-2008
Q02200	PERX.NTCSY	322 AA	34646 Da	<i>Nicotiana sylvestris</i>		Lignin-forming anionic peroxidase	2	01-JUL-1993
A4ZC16	A4ZC16.CAPAN	322 AA	34682 Da	<i>Capsicum annuum</i>	PO2	Cell wall peroxidase	2	29-MAY-2007
Q1AJZ4	Q1AJZ4.ORORA	325 AA	35261 Da	<i>Orobancha ramosa</i>	prx1	Class III peroxidase	2	11-JUL-2006
O49192	O49192.STRAF	322 AA	35246 Da	<i>Striga asiatica</i>	poxa	Ferriprotein porphyrin-containing peroxidase	2	01-JUN-1998

Table 4: Sequences selected for the final dataset of PR09

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q9SSZ8	Q9SSZ8.SCUBA	325 AA	34589 Da	<i>Scutellaria baicalensis</i>		Peroxidase 2	2	01-MAY-2000
Q49193	Q49193.STRAF	321 AA	35248 Da	<i>Striga asiatica</i>	poxB	Ferriprotein porphyrin-containing peroxidase	2	01-JUN-1998
Q9M9Q9	PER5.ARATH	321 AA	35007 Da	<i>Arabidopsis thaliana</i>	PER5	Peroxidase 5	2	25-NOV-2002
Q9LE15	PER4.ARATH	315 AA	34411 Da	<i>Arabidopsis thaliana</i>	PER4	Peroxidase 4	2	01-OCT-2000
Q4W118	PER1.2INEL	321 AA	34245 Da	<i>Zinnia elegans</i>	POD1	Basic peroxidase	1	05-JUL-2005
Q0JW35	Q0JW35.PICAB	341 AA	37035 Da	<i>Picea abies</i>	px17	Properoxidase	2	03-OCT-2006
Q0JW36	Q0JW36.PICAB	341 AA	37059 Da	<i>Picea abies</i>	px16	Properoxidase	2	03-OCT-2006
Q5W513	Q5W513.PICAB	340 AA	37313 Da	<i>Picea abies</i>	px1	Peroxidase	2	07-DEC-2004
Q9SC55	Q9SC55.PICAB	339 AA	36874 Da	<i>Picea abies</i>	spi2	SP12 protein	2	01-MAY-2000
Q94I00	Q94I00.TOBAC	329 AA	36358 Da	<i>Nicotiana tabacum</i>	PER4-9	Peroxidase	2	01-DEC-2001
Q96512	PER9.ARATH	346 AA	37741 Da	<i>Arabidopsis thaliana</i>	PER9	Peroxidase 9	1	01-FEB-1997
Q9S116	PER15.ARATH	338 AA	37079 Da	<i>Arabidopsis thaliana</i>	PER15	Peroxidase 15	2	01-MAY-2000
Q9S117	PER14.ARATH	337 AA	37204 Da	<i>Arabidopsis thaliana</i>	PER14	Peroxidase 14	2	01-MAY-2000
Q23237	PER49.ARATH	331 AA	36164 Da	<i>Arabidopsis thaliana</i>	PER49	Peroxidase 49	2	01-MAY-1999
B6E1W9	B6E1W9.LITCN	332 AA	36413 Da	<i>Litchi chinensis</i>		Pericarp peroxidase 3	2	25-NOV-2008
Q0ZA68	Q0ZA68.9ROSI	332 AA	36397 Da	<i>Dimocarpus longan</i>	POD1	Peroxidase	2	22-AUG-2006
B0ZC10	B0ZC10.CASGL	340 AA	37525 Da	<i>Casuarina glauca</i>		Class III peroxidase	2	08-APR-2008
Q5JBR3	Q5JBR3.IPOBA	332 AA	36435 Da	<i>Ipomoea batatas</i>		Anionic peroxidase swpb1	2	15-FEB-2005
Q5JBR2	Q5JBR2.IPOBA	336 AA	36848 Da	<i>Ipomoea batatas</i>		Anionic peroxidase swpb2	2	15-FEB-2005
B3SH12	B3SH12.IPOBA	336 AA	36899 Da	<i>Ipomoea batatas</i>		Basic peroxidase swpb5	2	02-SEP-2008
Q9FJZ9	PER72.ARATH	336 AA	37427 Da	<i>Arabidopsis thaliana</i>	PER72	Peroxidase 72	1	01-MAR-2001
Q9M424	Q9M424.SPTOL	329 AA	36159 Da	<i>Spinacia oleracea</i>		Peroxidase prx13	2	01-OCT-2000
Q9MAX9	Q9MAX9.ASEOF	329 AA	36201 Da	<i>Asparagus officinalis</i>	AcPOX1	Peroxidase	2	01-OCT-2000
Q0JM38	Q0JM38.ORYSJ	340 AA	36912 Da	<i>Oryza sativa</i>	Os01g0543100	cDNA clone:001-119-E09, full insert sequence	2	03-OCT-2006
Q9M422	Q9M422.SPTOL	334 AA	36946 Da	<i>Spinacia oleracea</i>		Peroxidase prx15	2	01-OCT-2000
Q9M423	Q9M423.SPTOL	337 AA	37227 Da	<i>Spinacia oleracea</i>		Peroxidase prx14	2	01-OCT-2000
A7J004	A7J004.ORYSA	335 AA	36338 Da	<i>Oryza sativa</i>	FOX1	Peroxidase	2	11-SEP-2007
Q8H285	Q8H285.ANACO	329 AA	35614 Da	<i>Ananas comosus</i>		Peroxidase	2	01-MAR-2003
Q7F936	Q7F936.ORYSJ	345 AA	37175 Da	<i>Oryza sativa</i>		Os04g0423800 protein	2	15-FEB-2005
Q9SD46	PER36.ARATH	344 AA	38237 Da	<i>Arabidopsis thaliana</i>	PER36	Peroxidase 36	2	26-JUN-2007
A8W7V9	A8W7V9.GOSHI	330 AA	35697 Da	<i>Gossypium hirsutum</i>		Class III peroxidase	2	15-JAN-2008
O23474	PER40.ARATH	348 AA	37460 Da	<i>Arabidopsis thaliana</i>	PER40	Peroxidase 40	2	06-DEC-2002
Q9SLH7	PER20.ARATH	336 AA	37978 Da	<i>Arabidopsis thaliana</i>	PER20	Peroxidase 20	2	01-MAY-2000
Q9FX85	PER10.ARATH	350 AA	38030 Da	<i>Arabidopsis thaliana</i>	PER10	Peroxidase 10	1	01-MAR-2001
Q8RVP6	Q8RVP6.GOSHI	329 AA	36492 Da	<i>Gossypium hirsutum</i>	pod1	Gaiacol peroxidase	2	01-JUN-2002
Q9SJZ2	PER17.ARATH	329 AA	36670 Da	<i>Arabidopsis thaliana</i>	PER17	Peroxidase 17	2	01-MAY-2000
B6T750	B6T750.MAIZE	347 AA	38000 Da	<i>Zea mays</i>		Peroxidase 17	2	16-DEC-2008
Q5I3F1	Q5I3F1.TRIMO	343 AA	37656 Da	<i>Triticum monococcum</i>	FOX7	Peroxidase 7	2	15-FEB-2005
Q96519	PER11.ARATH	336 AA	37313 Da	<i>Arabidopsis thaliana</i>	PER11	Peroxidase 11	1	01-FEB-1997
Q682W9	Q682W9.ARATH	336 AA	37314 Da	<i>Arabidopsis thaliana</i>	At1g68850	Peroxidase AtP23a	2	11-OCT-2004

Table 5: Sequences selected for the final dataset of PR09

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q50LG4	Q50LG4.IOBAC	360 AA	38530 Da	<i>Nicotiana tabacum</i>	NtPOX2	Peroxidase	2	07-JUN-2005
Q50LG5	Q50LG5.IOBAC	360 AA	38765 Da	<i>Nicotiana tabacum</i>	NtPOX1	Peroxidase	2	07-JUN-2005
P12437	PERX.SOLITU	363 AA	38675 Da	<i>Solanum tuberosum</i>		Suberization-associated anionic peroxidase	2	25-JUL-2006
Q5JBR4	Q5JBR4.IPOBA	353 AA	37194 Da	<i>Ipomoea batatas</i>		Anionic peroxidase swpa6	2	15-FEB-2005
O04796	PERN.IPOBA	348 AA	37186 Da	<i>Ipomoea batatas</i>		Neutral peroxidase	1	01-JUL-1997
O04795	PERA.IPOBA	364 AA	38693 Da	<i>Ipomoea batatas</i>		Anionic peroxidase	1	01-JUL-1997
Q5JBR6	Q5JBR6.IPOBA	356 AA	38368 Da	<i>Ipomoea batatas</i>		Anionic peroxidase swpa4	2	15-FEB-2005
Q9SQ62	Q9SQ62.IPOBA	359 AA	38470 Da	<i>Ipomoea batatas</i>	swpa2	Anionic peroxidase	2	01-MAY-2000
Q5U188	Q5U188.ORYSJ	353 AA	37148 Da	<i>Oryza sativa</i>	prx15	cDNA clone:J023058L02, full insert sequence	2	07-DEC-2004
B6U004	B6U004.MAIZE	355 AA	37651 Da	<i>Zea mays</i>		Peroxidase 2	2	16-DEC-2008
Q5I3F0	Q5I3F0.TRIMO	356 AA	37568 Da	<i>Triticum monococtum</i>	POX8	Peroxidase 8	2	15-FEB-2005
A5H8G4	PER1.MAIZE	367 AA	38355 Da	<i>Zea mays</i>	PER1	Peroxidase 1	2	12-JUN-2007
B6T173	B6T173.MAIZE	339 AA	36827 Da	<i>Zea mays</i>		Peroxidase 1	2	16-DEC-2008
Q9M4Z5	Q9M4Z5.SPIOL	331 AA	36266 Da	<i>Spinacia oleracea</i>		Peroxidase prx12	2	01-OCT-2000
Q9SSZ9	Q9SSZ9.SCUBA	322 AA	35030 Da	<i>Scutellaria baicalensis</i>		Peroxidase 1	2	01-MAY-2000
Q10S19	Q10S19.ORYSJ	331 AA	34452 Da	<i>Oryza sativa</i>	Os03g0121200	Os03g0121200 protein	2	22-AUG-2006
Q5U1M4	Q5U1M4.ORYSJ	332 AA	35320 Da	<i>Oryza sativa</i>	prx69	Os05g0135200 protein	2	07-DEC-2004
Q5U1P7	Q5U1P7.ORYSJ	340 AA	35950 Da	<i>Oryza sativa</i>	prx46	Os03g0369000 protein	2	07-DEC-2004
Q5U1P8	Q5U1P8.ORYSJ	332 AA	35830 Da	<i>Oryza sativa</i>	prx45	Os03g0368900 protein	2	07-DEC-2004
Q9FEQ8	PER2.MAIZE	335 AA	35750 Da	<i>Zea mays</i>	PER2	Peroxidase 2	2	01-MAR-2001
Q0J459	Q0J459.ORYSJ	339 AA	36342 Da	<i>Oryza sativa</i>	Os08g0532700	Os08g0532700 protein	2	03-OCT-2006
B6U0T8	B6U0T8.MAIZE	335 AA	35676 Da	<i>Zea mays</i>		Peroxidase 73	2	16-DEC-2008
Q96518	PER16.ARATH	323 AA	35832 Da	<i>Arabidopsis thaliana</i>	PER16	Peroxidase 16	1	01-NOV-1998
Q96522	PER45.ARATH	325 AA	35829 Da	<i>Arabidopsis thaliana</i>	PER45	Peroxidase 45	1	01-FEB-1997
Q52QX2	Q52QX2.MANES	355 AA	39350 Da	<i>Manihot esculenta</i>		Secretory peroxidase PX3	2	24-MAY-2005
Q84UA9	Q84UA9.ARTAN	328 AA	35401 Da	<i>Artemisia annua</i>	POD1	Peroxidase 1	2	01-JUN-2003
A0S5Z4	A0S5Z4.SESIN	330 AA	35856 Da	<i>Sesamum indicum</i>		Peroxidase	2	09-JAN-2007
B6E500	B6E500.LITCN	329 AA	36068 Da	<i>Litchi chinensis</i>	POD5	Peroxidase 5	2	16-DEC-2008
Q24080	Q24080.MEDSA	323 AA	35435 Da	<i>Medicago sativa</i>	prx2	Peroxidase2	2	01-JAN-1998
Q92P15	Q92P15.TRIRP	329 AA	36010 Da	<i>Trifolium repens</i>	prx2	Peroxidase	2	01-MAY-1999
Q9SZE7	PER51.ARATH	329 AA	35989 Da	<i>Arabidopsis thaliana</i>	PER51	Peroxidase 51	2	01-MAY-2000
Q43731	PER50.ARATH	329 AA	36076 Da	<i>Arabidopsis thaliana</i>	PER50	Peroxidase 50	1	01-NOV-1996
Q43873	PER73.ARATH	329 AA	35927 Da	<i>Arabidopsis thaliana</i>	PER73	Peroxidase 73	1	01-NOV-1996
Q96510	PER35.ARATH	329 AA	35756 Da	<i>Arabidopsis thaliana</i>	PER35	Peroxidase 35	1	01-FEB-1997
C0KKH7	C0KKH7.9CARY	328 AA	35871 Da	<i>Tamarix hispida</i>	POD2	Peroxidase	2	05-MAY-2009
Q96509	PER55.ARATH	330 AA	35859 Da	<i>Arabidopsis thaliana</i>	PER55	Peroxidase 55	1	01-FEB-1997
B6U145	B6U145.MAIZE	331 AA	35824 Da	<i>Zea mays</i>		Peroxidase 16	2	16-DEC-2008
B6UBB5	B6UBB5.MAIZE	330 AA	34862 Da	<i>Zea mays</i>		Peroxidase 51	2	16-DEC-2008
B6T5R9	B6T5R9.MAIZE	354 AA	38424 Da	<i>Zea mays</i>		Peroxidase 65	2	16-DEC-2008
B6TYF5	B6TYF5.MAIZE	362 AA	39264 Da	<i>Zea mays</i>		Peroxidase 65	2	16-DEC-2008

Table 6: Sequences selected for the final dataset of PR09

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q9FL16	PER63_ATH	328 AA	36120 Da	<i>Arabidopsis thaliana</i>	PER63	Peroxidase 63	2	01-MAR-2001
Q24JM5	Q24JM5_ATH	328 AA	36134 Da	<i>Arabidopsis thaliana</i>		At5g40150	2	18-APR-2006
Q9LHA7	PER31_ATH	316 AA	35303 Da	<i>Arabidopsis thaliana</i>	PER31	Peroxidase 31	2	01-OCT-2000
Q23609	PER41_ATH	326 AA	36198 Da	<i>Arabidopsis thaliana</i>	PER41	Peroxidase 41	2	01-JAN-1998
Q9FJR1	PER65_ATH	334 AA	37014 Da	<i>Arabidopsis thaliana</i>	PER65	Peroxidase 65	2	06-DEC-2002
O48677	PER6_ATH	326 AA	36253 Da	<i>Arabidopsis thaliana</i>	PER6	Peroxidase 6	2	01-JUN-1998
Q7X8H7	Q7X8H7_ORYSJ	335 AA	35564 Da	<i>Oryza sativa</i>	OSJNBa0060P14.16	Os04g0465100 protein	2	01-OCT-2003
B6S104	B6S104_MAIZE	334 AA	35852 Da	<i>Zea mays</i>		Peroxidase 65	2	16-DEC-2008
O22959	PER19_ATH	346 AA	38228 Da	<i>Arabidopsis thaliana</i>	PER19	Peroxidase 19	2	01-JAN-1998
Q8W4V8	Q8W4V8_CAPAN	332 AA	36074 Da	<i>Capsicum annuum</i>		Peroxidase	2	01-MAR-2002
Q9XIV8	PERN1_TOBAC	330 AA	35732 Da	<i>Nicotiana tabacum</i>	poxn1	Peroxidase N1	1	01-NOV-1999
CIKA97	CIKA97_POETR	324 AA	34772 Da	<i>Populus trichocarpa</i>	PO7	Peroxidase	2	26-MAY-2009
Q4ADU9	Q4ADU9_POPAL	324 AA	34634 Da	<i>Populus alba</i>		Peroxidase	2	13-SEP-2005
Q8RVP4	Q8RVP4_GOSHI	328 AA	35140 Da	<i>Gossypium hirsutum</i>	pod6	Bacterial-induced class III peroxidase	2	01-JUN-2002
Q8RVW0	Q8RVW0_GOSHI	327 AA	35786 Da	<i>Gossypium hirsutum</i>	pod2	Bacterial-induced peroxidase	2	01-JUN-2002
P22196	PER2_ARAHY	330 AA	35556 Da	<i>Arachis hypogaea</i>	PNC2	Cationic peroxidase 2	2	01-AUG-1991
Q43387	PER71_ATH	328 AA	34890 Da	<i>Arabidopsis thaliana</i>	PER71	Peroxidase 71	1	01-NOV-1996
Q9FK44	PER62_ATH	319 AA	34134 Da	<i>Arabidopsis thaliana</i>	PER62	Peroxidase 62	2	01-MAR-2001
O80822	PER25_ATH	328 AA	35886 Da	<i>Arabidopsis thaliana</i>	PER25	Peroxidase 25	2	25-NOV-2002
Q4A323	Q4A323_SENSQ	326 AA	35848 Da	<i>Senecio squallidus</i>	ssp	Stigma specific peroxidase	2	13-SEP-2005
Q4A322	Q4A322_SENSQ	326 AA	35819 Da	<i>Senecio squallidus</i>	ssp	Stigma specific peroxidase	2	13-SEP-2005
Q9FMI7	PER70_ATH	330 AA	36137 Da	<i>Arabidopsis thaliana</i>	PER70	Peroxidase 70	2	01-MAR-2001
Q96511	PER69_ATH	331 AA	35679 Da	<i>Arabidopsis thaliana</i>	PER69	Peroxidase 69	1	01-FEB-1997
Q5QEB4	Q5QEB4_URTDI	337 AA	36566 Da	<i>Urtica dioica</i>		Uopl peroxidase	2	04-JAN-2005
Q40486	Q40486_TOBAC	329 AA	36051 Da	<i>Nicotiana tabacum</i>		Cationic peroxidase isozyme 38K	2	01-NOV-1996
Q40487	Q40487_TOBAC	331 AA	36067 Da	<i>Nicotiana tabacum</i>		Cationic peroxidase isozyme 40K	2	01-NOV-1996
Q0IMX5	Q0IMX5_ORYSJ	347 AA	35931 Da	<i>Oryza sativa</i>	Os12g0530100	Os12g0530100 protein	2	03-OCT-2006
Q9ZV04	PER24_ATH	350 AA	38237 Da	<i>Arabidopsis thaliana</i>	PER24	Peroxidase 24	2	01-MAY-1999
B6SRH9	B6SRH9_MAIZE	346 AA	36479 Da	<i>Zea mays</i>		Peroxidase 24	2	16-DEC-2008
Q1H8N1	Q1H8N1_BETVU	326 AA	35499 Da	<i>Beta vulgaris</i>	cprx1	Cationic peroxidase	2	27-JUN-2006
P93546	P93546_SPIOL	326 AA	35454 Da	<i>Spinacia oleracea</i>	prxr2	Peroxidase	2	01-MAY-1997
Q9FMRO	PER60_ATH	331 AA	36016 Da	<i>Arabidopsis thaliana</i>	PER60	Peroxidase 60	1	01-MAR-2001
Q9SK52	PER18_ATH	329 AA	35641 Da	<i>Arabidopsis thaliana</i>	PER18	Peroxidase 18	2	01-MAY-2000
O81772	PER46_ATH	326 AA	35244 Da	<i>Arabidopsis thaliana</i>	PER46	Peroxidase 46	2	01-NOV-1998
Q9SY33	PER7_ATH	349 AA	38339 Da	<i>Arabidopsis thaliana</i>	PER7	Peroxidase 7	2	01-MAY-2000
Q43729	PER57_ATH	313 AA	34098 Da	<i>Arabidopsis thaliana</i>	PER57	Peroxidase 57	1	01-NOV-1996
Q9SS67	PER28_ATH	321 AA	34537 Da	<i>Arabidopsis thaliana</i>	PER28	Peroxidase 28	2	01-MAY-2000
Q93V93	PER44_ATH	310 AA	33806 Da	<i>Arabidopsis thaliana</i>	PER44	Peroxidase 44	2	01-DEC-2001
Q9INL0	PER8_ATH	310 AA	34332 Da	<i>Arabidopsis thaliana</i>	PER8	Peroxidase 8	2	01-OCT-2000
Q1PGA3	Q1PGA3_STRAF	319 AA	34385 Da	<i>Striga asiatica</i>		Peroxidase	2	16-MAY-2006

Table 7: Sequences selected for the final dataset of PR09

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
B9QQ09	B9QQ09.POPTR	317 AA	34047 Da	<i>Populus trichocarpa</i>	PO4	Peroxidase	2	24-MAR-2009
Q43872	PER64.ARATH	317 AA	34706 Da	<i>Arabidopsis thaliana</i>	PER64	Peroxidase 64	1	01-NOV-1996
Q9L791	PER66.ARATH	322 AA	35560 Da	<i>Arabidopsis thaliana</i>	PER66	Peroxidase 66	2	01-OCT-2000
Q58A85	Q58A85.ZINEL	316 AA	34791 Da	<i>Zinnia elegans</i>	ZFO-C	Cationic peroxidase	2	10-MAY-2005
COKKH9	COKKH9.9CARY	324 AA	35834 Da	<i>Tamarix hispida</i>	POD4	Peroxidase	2	05-MAY-2009
Q9S2B9	PER47.ARATH	314 AA	34585 Da	<i>Arabidopsis thaliana</i>	PER47	Peroxidase 47	2	01-MAY-2000
B3SH10	B3SH10.IPOBA	322 AA	35767 Da	<i>Ipomoea batatas</i>		Anionic peroxidase swpa7	2	02-SEP-2008
Q23044	PER3.ARATH	326 AA	34906 Da	<i>Arabidopsis thaliana</i>	PER3	Peroxidase 3	1	01-JAN-1998
Q56V16	Q56V16.CAPBU	326 AA	35184 Da	<i>Capsella bursa-pastoris</i>	rci35	CBRCI35	2	10-MAY-2005
Q9LSY7	PER30.ARATH	329 AA	35788 Da	<i>Arabidopsis thaliana</i>	PER30	Peroxidase 30	1	01-OCT-2000
Q9SUT2	PER39.ARATH	326 AA	35601 Da	<i>Arabidopsis thaliana</i>	PER39	Peroxidase 39	1	01-MAY-2000
Q07446	Q07446.SOLLIC	328 AA	35995 Da	<i>Solanum lycopersicum</i>	TPX1	Peroxidase	2	01-NOV-1996
Q07445	Q07445.SOLLIC	329 AA	35501 Da	<i>Solanum lycopersicum</i>	TPX2	Peroxidase	2	01-NOV-1996
Q66RM0	Q66RM0.EUCUL	330 AA	36009 Da	<i>Eucommia ulmoides</i>	PODa	Peroxidase a	2	11-OCT-2004
Q43158	Q43158.SPIPO	329 AA	35586 Da	<i>Spirodela polyrrhiza</i>		Peroxidase	2	01-NOV-1996
F37834	PER1.ORYSJ	326 AA	35308 Da	<i>Oryza sativa</i>	PRX74	Peroxidase 1	2	30-MAY-2006
B6TMY7	B6TMY7.MAIZE	339 AA	36371 Da	<i>Zea mays</i>		Peroxidase 1	2	16-DEC-2008
B6SIA9	B6SIA9.MAIZE	338 AA	36671 Da	<i>Zea mays</i>		Peroxidase 1	2	16-DEC-2008
Q43735	PER27.ARATH	321 AA	34950 Da	<i>Arabidopsis thaliana</i>	PER27	Peroxidase 27	1	01-NOV-1996
Q9LXG3	PER56.ARATH	329 AA	36225 Da	<i>Arabidopsis thaliana</i>	PER56	Peroxidase 56	2	01-OCT-2000
Q96506	PER1.ARATH	325 AA	35624 Da	<i>Arabidopsis thaliana</i>	PER1	Peroxidase 1/2	1	01-FEB-1997
B6UB27	B6UB27.MAIZE	342 AA	37390 Da	<i>Zea mays</i>		Peroxidase 56	2	16-DEC-2008
B6TWB1	B6TWB1.MAIZE	340 AA	37107 Da	<i>Zea mays</i>		Peroxidase 1	2	16-DEC-2008
Q8KVP5	Q8KVP5.GOSHI	323 AA	34892 Da	<i>Gossypium hirsutum</i>	pod5	Class III peroxidase	2	01-JUN-2002
Q9S2H2	PER43.ARATH	326 AA	35365 Da	<i>Arabidopsis thaliana</i>	PER43	Peroxidase 43	2	06-DEC-2002
Q5K4K5	Q5K4K5.GOSHI	327 AA	35335 Da	<i>Gossypium hirsutum</i>	pox	Peroxidase	2	15-FEB-2005
Q5U1G1	Q5U1G1.ORYSJ	334 AA	34864 Da	<i>Oryza sativa</i>	prx132	CDNA, clone: J065023N07, full insert sequence	2	07-DEC-2004
Q49293	PER13.ARATH	319 AA	34765 Da	<i>Arabidopsis thaliana</i>	PER13	Peroxidase 13	1	25-NOV-2002
Q43032	Q43032.PETCR	363 AA	39263 Da	<i>Petroselinum crispum</i>		Anionic peroxidase	2	01-NOV-1996
COKKH8	COKKH8.9CARY	361 AA	39297 Da	<i>Tamarix hispida</i>	POD3	Peroxidase	2	05-MAY-2009
B2G335	B2G335.CATRO	365 AA	40084 Da	<i>Catharanthus roseus</i>	prx2	Peroxidase 2b	2	10-JUN-2008
B2G334	B2G334.CATRO	360 AA	39543 Da	<i>Catharanthus roseus</i>	prx2	Peroxidase 2a	2	10-JUN-2008
Q0VYC8	Q0VYC8.CATRO	363 AA	39930 Da	<i>Catharanthus roseus</i>	prx1	Peroxidase 1	2	05-SEP-2006
Q94IQ1	Q94IQ1.TOBAC	354 AA	39063 Da	<i>Nicotiana tabacum</i>	PER9-6	Peroxidase	2	01-DEC-2001
Q43854	Q43854.PHAAN	357 AA	39068 Da	<i>Phaseolus angularis</i>		Peroxidase	2	01-NOV-1996
B7UCP4	B7UCP4.LITCN	358 AA	39314 Da	<i>Litchi chinensis</i>	FLXPER3	Peroxidase 4	2	10-FEB-2009
Q43782	Q43782.LINUS	355 AA	38196 Da	<i>Linum usitatissimum</i>		Peroxidase	2	01-NOV-1996
Q401B7	Q401B7.PANGI	354 AA	38816 Da	<i>Panax ginseng</i>		Peroxidase	2	27-SEP-2005
P93547	P93547.SPIOL	351 AA	38248 Da	<i>Spinacia oleracea</i>	prxr3	Peroxidase	2	01-MAY-1997
P93545	P93545.SPIOL	353 AA	39118 Da	<i>Spinacia oleracea</i>	prxr1	Peroxidase	2	01-MAY-1997

Table 8: Sequences selected for the final dataset of PR09

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q5W514	Q5W514.PICAB	353 AA	38547 Da	<i>Picea abies</i>	px2	Peroxidase	2	07-DEC-2004
B9VSG0	B9VSG0.GINBI	363 AA	39619 Da	<i>Ginkgo biloba</i>		Peroxidase	2	24-MAR-2009
Q96520	PER12.ARATH	358 AA	39559 Da	<i>Arabidopsis thaliana</i>	PER12	Peroxidase 12	1	01-FEB-1997
Q6PQF2	Q6PQF2.EUPCH	347 AA	38336 Da	<i>Euphorbia characias</i>		Peroxidase	2	04-JAN-2005
Q84U03	Q84U03.AEGTS	358 AA	38823 Da	<i>Aegilops tauschii</i>		Peroxidase	2	01-JUN-2003
Q40069	Q40069.HORVU	359 AA	38820 Da	<i>Hordeum vulgare</i>	Prx5	Peroxidase BP 1	1	01-NOV-1996
B6THG0	B6THG0.MAIZE	361 AA	38067 Da	<i>Zea mays</i>		Peroxidase 12	2	16-DEC-2008
Q5W512	Q5W512.PICAB	351 AA	38102 Da	<i>Picea abies</i>	px3	Peroxidase	2	07-DEC-2004
Q9FYS6	Q9FYS6.PINSY	363 AA	39691 Da	<i>Pinus sylvestris</i>		Class III peroxidase PSYP1	2	01-MAR-2001
O49866	O49866.HORVU	341 AA	36557 Da	<i>Hordeum vulgare</i>	prx7	Peroxidase	2	01-JUN-1998
Q5GMP4	Q5GMP4.WHEAT	341 AA	36505 Da	<i>Triticum aestivum</i>	prx	Peroxidase	2	01-MAR-2005
B1A9R4	B1A9R4.MAIZE	357 AA	37912 Da	<i>Zea mays</i>	px11	Peroxidase	2	08-APR-2008
O22510	O22510.ORYSA	353 AA	38320 Da	<i>Oryza sativa</i>	OsCPX1	Cationic peroxidase	2	01-JAN-1998
Q42580	PER21.ARATH	327 AA	36741 Da	<i>Arabidopsis thaliana</i>	PER21	Peroxidase 21	1	01-NOV-1996
CIKA92	CIKA92.POTR	331 AA	36987 Da	<i>Populus trichocarpa</i>	PO2	Peroxidase	2	26-MAY-2009
Q9FXL6	Q9FXL6.AVIMR	331 AA	37604 Da	<i>Avicennia marina</i>	PER	Secretory peroxidase	2	01-MAR-2001
Q9XFL2	Q9XFL2.TOBAC	326 AA	37154 Da	<i>Nicotiana tabacum</i>	PER	Secretory peroxidase	2	01-NOV-1999
O64970	O64970.SOYBN	331 AA	37205 Da	<i>Glycine max</i>	Prx2	Cationic peroxidase 2	2	01-JAN-1999
Q9XF16	Q9XF16.SOYBN	336 AA	37470 Da	<i>Glycine max</i>	Prx2b	Peroxidase	2	01-NOV-1999
Q08671	Q08671.GOSHI	332 AA	37645 Da	<i>Gossypium hirsutum</i>		Peroxidase	2	01-NOV-1996
A3FPF7	A3FPF7.NELNU	331 AA	37528 Da	<i>Nelumbo nucifera</i>	CP	Cationic peroxidase	2	20-MAR-2007
Q9FT05	Q9FT05.CICAR	336 AA	38120 Da	<i>Cicer arietinum</i>		Cationic peroxidase	2	01-MAR-2001
A9XN55	A9XN55.THEHA	331 AA	37454 Da	<i>Thellungiella halophila</i>	PER42	Peroxidase	2	05-FEB-2008
Q9SB81	PER42.ARATH	330 AA	37295 Da	<i>Arabidopsis thaliana</i>	PER42	Peroxidase 42	1	06-DEC-2002
A0S7R2	A0S7R2.ONCHC	332 AA	37636 Da	<i>Oncidium Gower Ramsey</i>		Class III peroxidase	2	09-JAN-2007
Q8H958	Q8H958.MARPO	329 AA	35150 Da	<i>Marchantia polymorpha</i>	MpPOD1	Peroxidase 1	2	01-MAR-2003
Q9LSP0	PER29.ARATH	339 AA	36807 Da	<i>Arabidopsis thaliana</i>	PER29	Peroxidase 29	2	25-NOV-2002
B6SU07	B6SU07.MAIZE	317 AA	33969 Da	<i>Zea mays</i>		Peroxidase 45	2	16-DEC-2008