

Table 1: Sequences selected for the final dataset of PR-14

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q9S9G0	Q9S9G0.BRANA	93 AA	9415 Da	<i>Brassica napus</i>		Non-specific lipid-transfer protein	1	01-MAY-2000
Q9S9F9	Q9S9F9.BRANA	93 AA	9415 Da	<i>Brassica napus</i>		Non-specific lipid-transfer protein	1	01-MAY-2000
Q9S9G1	Q9S9G1.BRANA	92 AA	9431 Da	<i>Brassica napus</i>		Non-specific lipid-transfer protein	1	01-MAY-2000
Q42589	NLTP1.ARATH	118 AA	11755 Da	<i>Arabidopsis thaliana</i>	LTP1	Non-specific lipid-transfer protein 1	1	01-NOV-1996
Q9S713	NLTP2.ARATH	118 AA	11938 Da	<i>Arabidopsis thaliana</i>	LTP2	Non-specific lipid-transfer protein 2	2	01-MAY-2000
Q9XF57	NLTP5.ARATH	118 AA	12495 Da	<i>Arabidopsis thaliana</i>	LTP5	Non-specific lipid-transfer protein 5	1	01-NOV-1999
P93224	NLTP2.SOLLC	114 AA	11485 Da	<i>Solanum lycopersicum</i>	LE16	Non-specific lipid-transfer protein 2	2	01-MAY-1997
P27056	NLTP1.SOLLC	114 AA	11600 Da	<i>Solanum lycopersicum</i>	TSW12	Non-specific lipid-transfer protein 1	2	01-AUG-1992
P10976	NLTP.SP1OL	117 AA	11426 Da	<i>Spinacia oleracea</i>		Non-specific lipid-transfer protein	1	01-AUG-1992
Q9M5X8	NLTP.PRUAV	117 AA	11751 Da	<i>Prunus avium</i>		Non-specific lipid-transfer protein	1	01-OCT-2000
Q9M5X7	NLTP.MALDO	115 AA	11410 Da	<i>Malus domestica</i>		Non-specific lipid-transfer protein	1	01-OCT-2000
Q9M5X6	NLTP.PYRCO	115 AA	11463 Da	<i>Pyrus communis</i>		Non-specific lipid-transfer protein	1	01-OCT-2000
Q8S4Y3	Q8S4Y3.EUPLA	134 AA	13985 Da	<i>Euphorbia lagascae</i>		Non-specific lipid-transfer protein	2	01-JUN-2002
A0AT29	NLTP2.LENCU	118 AA	11880 Da	<i>Lens culinaris</i>		Non-specific lipid-transfer protein 2	1	28-NOV-2006
A0AT32	NLTP6.LENCU	118 AA	11885 Da	<i>Lens culinaris</i>		Non-specific lipid-transfer protein 6	1	28-NOV-2006
Q15319	Q15319.GYMCO	121 AA	12314 Da	<i>Gymnadenia conopsea</i>		Non-specific lipid-transfer protein	2	25-JUL-2006
Q9LLR7	NLTP3.ARATH	115 AA	11694 Da	<i>Arabidopsis thaliana</i>	LTP3	Non-specific lipid-transfer protein 3	2	01-OCT-2000
Q9LLR6	NLTP4.ARATH	112 AA	11405 Da	<i>Arabidopsis thaliana</i>	LTP4	Non-specific lipid-transfer protein 4	2	01-OCT-2000
Q9SW93	SCALLILLO	113 AA	11686 Da	<i>Lilium longiflorum</i>	SCA	Stigma/stylar cysteine-rich adhesin	1	01-MAY-2000
Q43129	NLTP2.GOSHI	120 AA	11817 Da	<i>Gossypium hirsutum</i>		Non-specific lipid-transfer protein	2	01-NOV-1996
Q43019	NLTP3.PRUDU	123 AA	12474 Da	<i>Prunus dulcis</i>		Non-specific lipid-transfer protein 3	2	01-NOV-1996
Q8H2B3	Q8H2B3.PRUPE	123 AA	12470 Da	<i>Prunus persica</i>	LTP2	Non-specific lipid-transfer protein	2	05-JUL-2005
C0L015	C0L015.PRUDU	123 AA	12488 Da	<i>Prunus dulcis</i>		Non-specific lipid-transfer protein	2	05-MAY-2009
P27631	NLTP.DAUC	120 AA	12504 Da	<i>Daucus carota</i>	EF2	Non-specific lipid-transfer protein	2	01-AUG-1992
B6SGP7	B6SGP7.MAIZE	121 AA	11750 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
P19656	NLTP.MAIZE	120 AA	11705 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	1	01-FEB-1991
O24583	O24583.MAIZE	121 AA	11726 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	01-JAN-1998
B6SY96	B6SY96.MAIZE	123 AA	12020 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
B6T089	B6T089.MAIZE	121 AA	11740 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
O2QYL2	NLTP2.ORYSJ	117 AA	11444 Da	<i>Oryza sativa</i>	LTP2-B	Non-specific lipid-transfer protein 2B	2	24-JAN-2006
A2ZHF1	NLTP1.ORYSI	116 AA	11345 Da	<i>Oryza sativa</i>	LTP	Non-specific lipid-transfer protein 1	2	20-MAR-2007
B6SJ07	B6SJ07.MAIZE	129 AA	12295 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
B8A3E0	B8A3E0.MAIZE	140 AA	13328 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	03-MAR-2009
B6SKH5	B6SKH5.MAIZE	126 AA	11980 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
A2ZAS9	NLTP3.ORYSI	121 AA	12145 Da	<i>Oryza sativa</i>	LTP110-A	Non-specific lipid-transfer protein 3	2	20-MAR-2007
B4FB54	B4FB54.MAIZE	123 AA	12092 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	23-SEP-2008
Q8W533	Q8W533.SETIT	121 AA	12144 Da	<i>Setaria italica</i>		Non-specific lipid-transfer protein	2	01-MAR-2002
Q2PCB6	Q2PCB6.WHEAT	121 AA	12379 Da	<i>Triticum aestivum</i>	ltp9, 4b	Non-specific lipid-transfer protein	2	07-FEB-2006
Q84N29	Q84N29.WHEAT	122 AA	12336 Da	<i>Triticum aestivum</i>	LTP3	Non-specific lipid-transfer protein	2	01-JUN-2003
Q5NEZ9	Q5NEZ9.WHEAT	122 AA	12360 Da	<i>Triticum aestivum</i>	ltp9, 4	Non-specific lipid-transfer protein	2	01-FEB-2005

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Q42848	Q42848.HORVU	122 AA	12330 Da	<i>Hordeum vulgare</i>		Non-specific lipid-transfer protein	2	01-NOV-1996
Q93288	Q93288.BROIN	124 AA	12275 Da	<i>Bromus inermis</i>	BGL4	Non-specific lipid-transfer protein	2	01-DEC-2001
Q42842	NLT43.HORVU	115 AA	11175 Da	<i>Hordeum vulgare</i>	LTP4_3	Non-specific lipid-transfer protein 4.3	2	01-NOV-1996
Q43875	NLT42.HORVU	115 AA	11175 Da	<i>Hordeum vulgare</i>	LTP4_2	Non-specific lipid-transfer protein 4.2	2	01-NOV-1996
Q43767	NLT41.HORVU	115 AA	11085 Da	<i>Hordeum vulgare</i>	LTP4_1	Non-specific lipid-transfer protein 4.1	1	01-NOV-1996
Q43871	NLTP8.HORVU	115 AA	11221 Da	<i>Hordeum vulgare</i>	CW18	Non-specific lipid-transfer protein CW18	1	01-NOV-1996
A9NU14	A9NU14.PICSI	126 AA	12789 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
A9NLX0	A9NLX0.PICSI	126 AA	12761 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
A9NP77	A9NP77.PICSI	126 AA	12894 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
A9NY87	A9NY87.PICSI	126 AA	12824 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
A9NKX7	A9NKX7.PICSI	126 AA	12810 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
B8LRP3	B8LRP3.PICSI	127 AA	13124 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	03-MAR-2009
A9NKD5	A9NKD5.PICSI	123 AA	12634 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
Q9AX26	Q9AX26.PINRE	124 AA	12860 Da	<i>Pinus resinosa</i>	LTP1	Non-specific lipid-transfer protein	2	01-JUN-2001
Q41073	NLTP2.PINTA	123 AA	12751 Da	<i>Pinus taeda</i>		Non-specific lipid-transfer protein	2	01-NOV-1996
A9NLQ3	A9NLQ3.PICSI	123 AA	12492 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
A9NJW4	A9NJW4.PICSI	123 AA	12540 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
A9NY14	A9NY14.PICSI	123 AA	12568 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
A9NJW5	A9NJW5.PICSI	123 AA	12582 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
A9NKV1	A9NKV1.PICSI	123 AA	12676 Da	<i>Picea sitchensis</i>		Non-specific lipid-transfer protein	2	05-FEB-2008
B6SIF2	B6SIF2.MAIZE	123 AA	12510 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
COP9Y4	COP9Y4.MAIZE	162 AA	16362 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	05-MAY-2009
Q9SES6	Q9SES6.HORVU	121 AA	12340 Da	<i>Hordeum vulgare</i>		Non-specific lipid-transfer protein	2	01-MAY-2000
Q2QKE7	Q2QKE7.CATRO	122 AA	13280 Da	<i>Catharanthus roseus</i>		Non-specific lipid-transfer protein	2	24-JAN-2006
Q2V3C1	NLTP8.ARATH	119 AA	12640 Da	<i>Arabidopsis thaliana</i>	LTP11	Non-specific lipid-transfer protein 11	2	10-JAN-2006
Q9LDB4	NLTP6.ARATH	113 AA	11878 Da	<i>Arabidopsis thaliana</i>	LTP6	Non-specific lipid-transfer protein 6	1	01-OCT-2000
Q9ZUR6	NLTP7.ARATH	123 AA	12995 Da	<i>Arabidopsis thaliana</i>	LTP7	Non-specific lipid-transfer protein 7	2	01-MAY-1999
B6T3G3	B6T3G3.MAIZE	151 AA	16135 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
B6U968	B6U968.MAIZE	151 AA	15785 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
B6U964	B6U964.MAIZE	123 AA	12974 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
Q9ZPW9	NLTP8.ARATH	116 AA	11789 Da	<i>Arabidopsis thaliana</i>	LTP8	Non-specific lipid-transfer protein 8	2	01-MAY-1999
B6TRH6	B6TRH6.MAIZE	126 AA	13361 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
B6TLQ7	B6TLQ7.MAIZE	130 AA	12646 Da	<i>Zea mays</i>		Non-specific lipid-transfer protein	2	16-DEC-2008
Q0JPU4	Q0JPU4.ORYSJ	127 AA	12917 Da	<i>Oryza sativa</i>	Os01g0219500	Non-specific lipid-transfer protein	2	03-OCT-2006
Q0WYX3	Q0WYX3.BETVU	130 AA	13730 Da	<i>Beta vulgaris</i>	bvLTP-2	Non-specific lipid-transfer protein	2	05-SEP-2006
Q0WYX5	Q0WYX5.BETVU	125 AA	12851 Da	<i>Beta vulgaris</i>	bvLTP-1	Non-specific lipid-transfer protein	2	05-SEP-2006
Q07A25	Q07A25.ASTSI	132 AA	14659 Da	<i>Astragalus sinicus</i>		Non-specific lipid-transfer protein	2	31-OCT-2006
O04004	NLTP6.AMBAR	118 AA	12789 Da	<i>Ambrosia artemisiifolia</i>		Non-specific lipid-transfer protein	1	01-JUL-1997
O24485	O24485.PINRA	127 AA	13650 Da	<i>Pinus radiata</i>		Non-specific lipid-transfer protein	2	01-JAN-1998

Table 3: Sequences selected for the final dataset of PR14

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q5NE32	Q5NE32.WHEAT	129 AA	12943 Da	<i>Triticum aestivum</i>	ltp9.6	Non-specific lipid-transfer protein	2	01-FEB-2005
Q6AMW0	NLTP9.ARATH	121 AA	13384 Da	<i>Arabidopsis thaliana</i>	LTP9	Non-specific lipid-transfer protein 9	2	13-SEP-2004
P10975	NLTPC.RICCO	116 AA	12262 Da	<i>Ricinus communis</i>		Non-specific lipid-transfer protein C, cotyledon-specific isoform	1	01-APR-1993