

Table 1: Sequences selected for the final dataset of PR-13

Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
P09618	THN6.HORVU	137 AA	14717 Da	<i>Hordeum vulgare</i>		Leaf-specific thionin BTH6	2	01-NOV-1997
P08772	THN3.HORVU	137 AA	14711 Da	<i>Hordeum vulgare</i>	THI1.3	Leaf-specific thionin DB4	2	01-FEB-1996
P09617	THN5.HORVU	137 AA	14662 Da	<i>Hordeum vulgare</i>	THI1.5	Leaf-specific thionin	2	01-FEB-1991
Q42838	THN7.HORVU	137 AA	14676 Da	<i>Hordeum vulgare</i>		Thionin BTH7	2	01-NOV-1996
Q8LS29	Q8LS29.AVESA	136 AA	14608 Da	<i>Avena sativa</i>	Asth15	Thionin Asthi5	2	01-OCT-2002
Q8LT00	Q8LT00.AVESA	142 AA	15010 Da	<i>Avena sativa</i>	Asth14	Thionin Asthi4	2	01-OCT-2002
Q8LT04	Q8LT04.ORYSJ	135 AA	14659 Da	<i>Oryza sativa</i>	Osth11	Os06g0514800 protein	2	01-OCT-2002
Q5Z4K0	Q5Z4K0.ORYSJ	135 AA	14645 Da	<i>Oryza sativa</i>	OSJNBa0022006.36	cDNA, clone: J065158H12	2	23-NOV-2004
Q0DBX2	Q0DBX2.ORYSJ	135 AA	14720 Da	<i>Oryza sativa</i>	Os06g0517700	Os06g0517700 protein	2	17-OCT-2006
B7F9C4	B7F9C4.ORYSJ	140 AA	15545 Da	<i>Oryza sativa</i>	Os06g0517700	cDNA, clone: J075167K24	2	10-FEB-2009
Q8LT03	Q8LT03.AVESA	137 AA	14684 Da	<i>Avena sativa</i>	Asth11	Leaf thionin Asthi1	2	01-OCT-2002
Q8LT02	Q8LT02.AVESA	137 AA	14795 Da	<i>Avena sativa</i>	Asth12	Leaf thionin Asthi2	2	01-OCT-2002
Q8LT01	Q8LT01.AVESA	137 AA	14981 Da	<i>Avena sativa</i>	Asth13	Leaf thionin Asthi3	2	01-OCT-2002
Q43225	Q43225.TULGE	114 AA	11975 Da	<i>Tulipa gesneriana</i>	Thi1-2	Thionin class 1	3	01-NOV-1996
Q43226	Q43226.TULGE	107 AA	11356 Da	<i>Tulipa gesneriana</i>	Thi1-3	Thionin class 1	3	01-NOV-1996
Q43227	Q43227.TULGE	112 AA	11863 Da	<i>Tulipa gesneriana</i>	Thi1-4	Thionin class 1	2	01-NOV-1996
Q43224	Q43224.TULGE	121 AA	12762 Da	<i>Tulipa gesneriana</i>	Thi1-1	Thionin class 1	2	01-NOV-1996
Q41609	Q41609.TULGE	124 AA	13004 Da	<i>Tulipa gesneriana</i>	Thi4-1	Thionin class 4	2	01-NOV-1996
Q9SBR8	THN.BRARP	133 AA	13961 Da	<i>Brassica rapa</i>	THI2	Thionin	2	01-MAY-2000
Q42597	THN22.ARATH	134 AA	14178 Da	<i>Arabidopsis thaliana</i>	THI2.2	Thionin-2.2	2	01-MAR-2004
A1Z1S5	A1Z1S5.BRAJU	127 AA	13411 Da	<i>Brassica juncea</i>		Thionin	2	06-FEB-2007
Q42596	THN21.ARATH	134 AA	14351 Da	<i>Arabidopsis thaliana</i>	THI2.1	Thionin-2.1	2	01-NOV-1996
B5M1X2	B5M1X2.RHEAU	133 AA	14020 Da	<i>Rheum australe</i>		Thionin	2	14-OCT-2008
Q38L62	Q38L62.SALMI	121 AA	12391 Da	<i>Salvia miltiorrhiza</i>		Thionin	2	22-NOV-2005
B8YI18	B8YI18.TRIMO	136 AA	14643 Da	<i>Triticum monococcum</i>		Beta purothionin	3	03-MAR-2009
B8YM12	B8YM12.TRIMO	136 AA	14657 Da	<i>Triticum monococcum</i>		Beta purothionin	3	03-MAR-2009
P01543	THNB.WHEAT	136 AA	14625 Da	<i>Triticum aestivum</i>	THI1.3	Purothionin A-1	1	15-JUL-1998
B8YL21	B8YL21.TRIMO	136 AA	14629 Da	<i>Triticum monococcum</i>		Beta purothionin	3	03-MAR-2009
B8YM08	B8YM08.TRIMO	136 AA	14613 Da	<i>Triticum monococcum</i>		Beta purothionin	3	03-MAR-2009
B8YM20	B8YM20.9POAL	136 AA	14712 Da	<i>Triticum urartu</i>		Beta purothionin	3	03-MAR-2009
B8YL23	B8YL23.TRIMO	136 AA	14669 Da	<i>Triticum monococcum</i>		Beta purothionin	3	03-MAR-2009
B8YM05	B8YM05.TRIMO	136 AA	14609 Da	<i>Triticum monococcum</i>		Beta purothionin	3	03-MAR-2009
B8YL26	B8YL26.TRIMO	136 AA	14655 Da	<i>Triticum monococcum</i>		Beta purothionin	3	03-MAR-2009
B8YM21	B8YM21.9POAL	136 AA	14644 Da	<i>Triticum urartu</i>		Beta purothionin	3	03-MAR-2009
B8YM03	B8YM03.TRIMO	136 AA	14696 Da	<i>Triticum monococcum</i>		Beta purothionin	3	03-MAR-2009
Q9T0P2	Q9T0P2.WHEAT	136 AA	14715 Da	<i>Triticum aestivum</i>	Pur-A1	Beta purothionin	3	01-MAY-2000
B8YMI5	B8YMI5.9POAL	136 AA	14657 Da	<i>Triticum urartu</i>		Beta purothionin	3	03-MAR-2009
P01544	THN1.WHEAT	126 AA	13526 Da	<i>Triticum aestivum</i>	THI1.1	Alpha-1-purothionin	1	01-JUL-1993
P32032	THN2.WHEAT	136 AA	14558 Da	<i>Triticum aestivum</i>	THI1.2	Alpha-2-purothionin	2	01-JUL-1993
Q43205	Q43205.WHEAT	136 AA	14542 Da	<i>Triticum aestivum</i>		Alpha-1 purothionin	3	01-NOV-1996

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Accession	Entry name	Length	Weight	Species	Gene name	Protein name	PE	Date
Q9ZNV5	Q9ZNV5.SECC	136 AA	14633 Da	<i>Secale cereale</i>	Pur-RL	Purothionin	3	01-MAY-1999
P21742	THNB.HORVU	136 AA	14603 Da	<i>Hordeum vulgare</i>	TH1L.2	Beta-hordothionin	1	01-JUL-1993
P01545	THNA.HORVU	127 AA	13597 Da	<i>Hordeum vulgare</i>	TH1L.1	Alpha-hordothionin	1	23-OCT-1986
Q05806	THN5.WHEAT	131 AA	13748 Da	<i>Triticum aestivum</i>	THV	Type-5 thionin	2	01-OCT-1996
Q38770	Q38770.AEGTA	131 AA	13803 Da	<i>Aegilops tauschii</i>	AthV1	Type V Thionin	3	01-NOV-1996
Q41585	Q41585.WHEAT	130 AA	13632 Da	<i>Triticum aestivum</i>	TthV2	Type V Thionin	3	01-NOV-1996