

Table S2: Description of phenolics content in Portuguese wheat germplasm evaluated during crop season 2004-05 and 2009-10

<i>T. aestivum</i> (µg Ferulic Acid Equivalents (FAE)/g DW)							<i>T. durum</i> (µg Ferulic Acid Equivalents (FAE)/g DW)						
Passport Code	Season (2004/2005)			Season (2009/2010)			Passport Code	Season (2004/2005)			Season (2009/2010)		
	Free Phenolics content	Bound Phenolics content	Total Phenolics content	Free Phenolics content	Bound Phenolics content	Total Phenolics content		Free Phenolics content	Bound Phenolics content	Total Phenolics content	Free Phenolics content	Bound Phenolics content	Total Phenolics content
1	70 ± 7	989 ± 39	1059 ± 22	246 ± 3	728 ± 79	974 ± 50	2	170 ± 11	498 ± 31	668 ± 14	302 ± 21	305 ± 47	607 ± 18
4	94 ± 12	1058 ± 109	1151 ± 103	256 ± 17	711 ± 68	967 ± 40	3	207 ± 6	689 ± 66	897 ± 42	378 ± 22	229 ± 78	607 ± 39
5	81 ± 19	989 ± 26	1070 ± 107	257 ± 28	739 ± 10	996 ± 20	6	216 ± 7	553 ± 4	769 ± 2	315 ± 10	517 ± 32	832 ± 55
7	68 ± 24	1017 ± 25	1085 ± 106	256 ± 16	881 ± 29	1137 ± 10	8	230 ± 22	687 ± 10	917 ± 58	342 ± 11	241 ± 8	583 ± 77
14	83 ± 11	1160 ± 24	1243 ± 107	221 ± 12	730 ± 28	951 ± 11	9	174 ± 35	829 ± 97	1003 ± 44	357 ± 43	218 ± 10	575 ± 23
23	93 ± 13	1044 ± 11	1137 ± 70	225 ± 12	925 ± 69	1150 ± 45	10	208 ± 16	576 ± 6	784 ± 7	616 ± 38	482 ± 24	1098 ± 48
24	64 ± 19	966 ± 17	1030 ± 69	228 ± 22	1033 ± 104	1261 ± 60	11	170 ± 31	652 ± 37	821 ± 4	346 ± 73	375 ± 19	721 ± 54
30	66 ± 28	771 ± 56	836 ± 20	293 ± 69	758 ± 161	1051 ± 71	12	211 ± 3	678 ± 10	889 ± 5	376 ± 27	291 ± 46	667 ± 14
31	119 ± 16	871 ± 19	989 ± 102	219 ± 17	879 ± 79	1098 ± 42	13	216 ± 26	535 ± 2	751 ± 17	419 ± 13	243 ± 21	662 ± 5
32	133 ± 18	990 ± 76	1123 ± 41	281 ± 22	875 ± 48	1156 ± 20	15	195 ± 5	859 ± 15	1055 ± 10	453 ± 8	332 ± 10	785 ± 2
33	101 ± 13	947 ± 104	1048 ± 107	212 ± 18	760 ± 26	972 ± 17	17	236 ± 43	694 ± 81	930 ± 26	426 ± 13	293 ± 7	719 ± 4
34	93 ± 10	490 ± 45	583 ± 25	220 ± 3	697 ± 35	917 ± 9	18	274 ± 11	674 ± 10	949 ± 69	486 ± 52	302 ± 27	788 ± 55
36	76 ± 9	675 ± 14	751 ± 82	220 ± 18	854 ± 55	1074 ± 33	19	222 ± 10	825 ± 71	1047 ± 44	459 ± 4	303 ± 17	762 ± 19
37	119 ± 24	756 ± 24	874 ± 100	316 ± 18	908 ± 12	1224 ± 81	20	216 ± 10	827 ± 65	1043 ± 46	420 ± 38	266 ± 23	686 ± 11
38	132 ± 45	676 ± 70	809 ± 17	233 ± 7	551 ± 24	784 ± 17	22	167 ± 23	529 ± 29	695 ± 4	408 ± 57	283 ± 44	691 ± 9
40	58 ± 9	668 ± 16	727 ± 19	200 ± 1	977 ± 113	1177 ± 82	25	286 ± 23	625 ± 40	911 ± 12	442 ± 57	305 ± 31	746 ± 19
43	118 ± 13	988 ± 93	1105 ± 56	309 ± 68	851 ± 111	1159 ± 33	26	273 ± 55	501 ± 83	775 ± 20	517 ± 87	393 ± 12	909 ± 53
44	129 ± 41	687 ± 18	816 ± 98	298 ± 53	886 ± 23	1184 ± 13	27	239 ± 3	644 ± 47	883 ± 32	564 ± 85	267 ± 40	831 ± 32
46	117 ± 35	821 ± 63	938 ± 20	335 ± 98	826 ± 13	1160 ± 29	28	196 ± 13	590 ± 33	786 ± 14	599 ± 70	294 ± 4	892 ± 47
47	125 ± 2	727 ± 29	852 ± 20	294 ± 6	911 ± 24	1205 ± 19	35	187 ± 3	725 ± 12	912 ± 85	251 ± 22	385 ± 42	636 ± 17
48	147 ± 11	814 ± 37	962 ± 25	268 ± 16	823 ± 42	1091 ± 24	39	191 ± 40	562 ± 32	754 ± 6	199 ± 20	391 ± 10	590 ± 14
49	119 ± 15	1029 ± 53	1148 ± 36	-	-	-	41	309 ± 9	869 ± 31	1178 ± 46	100 ± 10	367 ± 12	466 ± 14
51	98 ± 21	979 ± 22	1077 ± 14	262 ± 8	828 ± 9	1091 ± 10	45	265 ± 40	681 ± 68	946 ± 20	93 ± 32	360 ± 76	453 ± 31
52	86 ± 10	292 ± 10	378 ± 10	245 ± 4	677 ± 18	922 ± 11	54	215 ± 17	704 ± 22	919 ± 4	399 ± 17	613 ± 8	1012 ± 17
53	90 ± 29	838 ± 27	928 ± 17	371 ± 18	696 ± 4	1067 ± 13	55	226 ± 3	624 ± 57	849 ± 38	174 ± 44	381 ± 12	555 ± 55
64	73 ± 29	876 ± 28	948 ± 13	216 ± 15	709 ± 10	925 ± 12	56	180 ± 6	668 ± 47	848 ± 29	194 ± 10	476 ± 19	670 ± 62
69	98 ± 34	645 ± 16	743 ± 90	260 ± 9	594 ± 17	854 ± 15	57	368 ± 19	862 ± 31	1230 ± 18	277 ± 10	409 ± 72	687 ± 44
73	105 ± 14	832 ± 20	937 ± 131	350 ± 74	652 ± 4	1002 ± 51	58	243 ± 68	869 ± 55	1111 ± 9	198 ± 62	312 ± 16	510 ± 39
74	85 ± 1	644 ± 10	729 ± 1	328 ± 62	822 ± 23	1150 ± 37	59	195 ± 17	671 ± 70	867 ± 37	139 ± 93	442 ± 13	582 ± 57
75	75 ± 4	601 ± 115	676 ± 79	257 ± 7	881 ± 99	1138 ± 72	60	209 ± 20	530 ± 52	739 ± 22	95 ± 8	445 ± 34	539 ± 23
77	113 ± 15	713 ± 52	826 ± 27	244 ± 21	705 ± 32	949 ± 19	61	268 ± 23	630 ± 24	898 ± 1	292 ± 67	458 ± 48	751 ± 13
79	94 ± 19	1070 ± 104	1165 ± 89	246 ± 11	751 ± 83	997 ± 54	62	193 ± 10	538 ± 64	731 ± 39	276 ± 55	396 ± 75	672 ± 14
80	94 ± 2	592 ± 20	687 ± 13	291 ± 11	689 ± 27	980 ± 18	63	262 ± 77	614 ± 12	876 ± 46	123 ± 60	391 ± 83	514 ± 16
81	117 ± 47	742 ± 1	859 ± 32	313 ± 2	684 ± 20	997 ± 15	65	222 ± 10	760 ± 10	982 ± 64	109 ± 10	344 ± 4	453 ± 3
82	144 ± 5	623 ± 37	766 ± 25	297 ± 35	754 ± 85	1051 ± 42	66	327 ± 14	642 ± 12	970 ± 91	243 ± 25	509 ± 14	752 ± 85
84	126 ± 8	746 ± 111	873 ± 73	249 ± 7	492 ± 12	742 ± 81	68	430 ± 21	690 ± 16	1120 ± 103	175 ± 11	417 ± 49	592 ± 44
87	228 ± 2	733 ± 24	961 ± 15	286 ± 38	873 ± 46	1160 ± 16	72	280 ± 10	880 ± 54	1160 ± 38	222 ± 10	176 ± 26	398 ± 11
88	235 ± 17	1018 ± 44	1253 ± 101	267 ± 12	736 ± 42	1004 ± 25	76	286 ± 12	584 ± 16	870 ± 11	231 ± 94	386 ± 13	618 ± 57
91	210 ± 13	806 ± 14	1016 ± 90	263 ± 1	699 ± 55	962 ± 44	78	324 ± 94	801 ± 38	1125 ± 39	113 ± 1	322 ± 28	434 ± 19
92	208 ± 5	736 ± 27	945 ± 142	364 ± 15	747 ± 21	1111 ± 11	86	209 ± 27	813 ± 22	1022 ± 4	167 ± 92	285 ± 13	452 ± 28
93	214 ± 1	859 ± 12	1073 ± 85	215 ± 10	711 ± 17	926 ± 80	89	287 ± 13	517 ± 18	804 ± 4	324 ± 46	463 ± 40	787 ± 5
94	252 ± 21	791 ± 17	1043 ± 3	278 ± 34	833 ± 17	1111 ± 72	90	365 ± 16	310 ± 10	675 ± 11	335 ± 40	501 ± 74	836 ± 24
95	241 ± 6	715 ± 12	956 ± 82	246 ± 17	759 ± 32	1005 ± 19	97	330 ± 54	588 ± 24	918 ± 13	184 ± 21	373 ± 60	556 ± 28
96	185 ± 10	895 ± 71	1080 ± 50	287 ± 04	698 ± 13	985 ± 16	98	376 ± 59	447 ± 2	823 ± 40	237 ± 33	419 ± 6	656 ± 19
100	293 ± 25	845 ± 35	1139 ± 7	258 ± 24	777 ± 48	1035 ± 29	99	271 ± 87	942 ± 39	1212 ± 21	248 ± 22	367 ± 20	615 ± 1
101	235 ± 24	760 ± 65	995 ± 30	261 ± 23	743 ± 16	1004 ± 73	102	382 ± 65	534 ± 10	915 ± 46	246 ± 43	301 ± 9	547 ± 24

Note: Total phenolics (sum of free and bound)