

Supplementary data for article:

Fotirić Akšić, M. M.; Dabić, D. Č.; Gašić, U. M.; Zec, G. N.; Vulić, T. B.; Tešić, Ž. Lj.; Natić, M. M. Polyphenolic Profile of Pear Leaves with Different Resistance to Pear Psylla (*Cacopsylla Pyri*). *Journal of Agricultural and Food Chemistry* **2015**, *63* (34), 7476–7486.  
<https://doi.org/10.1021/acs.jafc.5b03394>

**Polyphenolic Profile of Pear Leaves with Different Resistance to Pear Psylla (*Cacopsylla pyri*)**

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**Table S1.** Intensities Obtained from the Full Scan Spectra for Identified Polyphenols in Pear Leaf Samples.

	1	2	3	4	5	6	7	8	9	10	11	12
<b>Bella di Giungo</b>	80499	53639	57172	77068	2279858	155789	855715	144105	25859	12762288	84283	42404
<b>Turandot</b>	43353	70152	142619	40662	1135790	450909	616270	333796	9093	19707225	73771	43976
<b>Moldova's early</b>	29797	50466	817977	53562	10968329	256919	1483463	125871	5229	19013979	62882	69543
<b>Coscia</b>	29476	106568	26425	36108	3607804	134732	622425	109098	21490	23039406	53351	46306
<b>Ilinjača</b>	70571	83935	458409	72252	10712751	229397	636303	202431	8133	14992925	50828	44340
<b>Carmen</b>	54280	43980	260576	59361	1740822	276308	1428801	57132	6649	25989590	57310	76618
<b>Butirra precoce Morettini</b>	40740	67257	257737	54382	3489795	162136	376933	130858	6646	16933728	47640	23362
<b>Precoce de Trevoux</b>	40310	47539	190024	55758	6886719	180626	437421	168827	11333	20829701	59134	48182
<b>Santa Maria</b>	32845	111845	0	58421	5316984	94914	573734	66864	274385	9951756	41674	34146
<b>Williams'</b>	65094	43370	184172	39348	1060911	262309	559573	304109	7543	17459688	41037	83376
<b>Jeribasma</b>	670	106817	219152	32282	3769651	141141	4780365	3040	6195	17875924	358	30086
<b>Abbé Fétel</b>	63344	35212	132492	39020	2533481	98331	479164	58740	6653	21483537	40870	64028
<b>Packham's Triumphy</b>	51608	31623	273952	51341	4198020	176293	789897	160540	6803	20527229	80825	39191
<b>Beurre Bosc</b>	46997	149307	843369	52103	8978036	259397	449137	32880	7086	23654061	76811	49530
<b>Alexander Lucas</b>	67088	102719	580589	37058	6728255	482721	796308	128424	4518	17558436	27613	52093
<b>Piore de Cure</b>	88811	99774	280015	28597	2955754	176498	1374251	382542	8706	22481768	56834	74288
<b>Niitaka</b>	49634	273817	130477	86078	3019722	297106	337669	60552	0	18922092	93727	24559
<b>Kumoi</b>	43667	200404	17132	22669	10479875	271702	180138	144442	3904	13391934	47641	14890
<b>Chojuro</b>	33676	196108	32503	61322	6358091	0	135376	72043	5384	15364265	82376	22284
<b>Shinsui</b>	0	187925	117534	49030	16964306	351782	446358	33178	11175	22943537	106246	22549
<b>Nijisseiki</b>	26990	388878	284559	106496	10267637	344907	125399	114626	6745	26299484	105395	20711
<b>Kiffer</b>	40337	265970	235855	142733	15926921	408476	365069	180836	19917	15719662	58996	960916

**Table S1.** Continuing...

	13	14	15	16	17	18	19	20	21	22	23	24
<b>Bella di Giungo</b>	898427	1117472	9579502	0	718757	49042	66569	27200	9805832	0	1653141	583658
<b>Turandot</b>	2455644	2562395	8592146	0	1415723	693155	227430	5258	23674096	242848	2686952	276970
<b>Moldova's early</b>	2400108	4122951	10261668	0	4339708	839434	92733	7724	19530214	563641	2209695	375049
<b>Coscia</b>	1405577	3327482	11858729	0	323859	84767	94445	19485	17647619	0	1804459	786061
<b>Ilinjača</b>	1179436	2085112	6709704	0	499428	1119497	97589	7471	16884786	0	1096446	171892
<b>Carmen</b>	2559127	4076648	11165678	48159	2192185	879296	189765	8361	32505124	583291	3466315	478560
<b>Butirra precoce Morettini</b>	1515486	1737503	5633291	0	957720	448409	308308	4380	20342314	0	1339077	373044
<b>Precoce de Trevoux</b>	1139078	2975813	6808095	0	1616952	222696	294677	10084	16623417	0	1179137	196596
<b>Santa Maria</b>	1657015	1026621	4776270	0	782172	106935	11463	368757	8408903	0	690858	684365
<b>Williams'</b>	3237576	2481636	8404543	157956	4650417	185601	198079	17970	22796310	912057	3878713	316601
<b>Jeribasma</b>	1499935	1049693	77510	0	1668564	1731	410319	0	22760303	468	4832821	4852
<b>Abbé Fétel</b>	55249	1783320	11842107	0	384707	187207	126028	5697	17267120	104309	2819802	315793
<b>Packham's Triumphy</b>	2945227	2028157	8558831	0	1067727	74353	152107	4946	17971225	23812	1229321	128347
<b>Beurre Bosc</b>	456642	2629337	7294337	33957	1143958	66554	192388	6228	27398165	291239	1793077	261350
<b>Alexander Lucas</b>	1196108	1672470	9509263	0	1658356	171221	273850	3546	15723802	212605	1186486	145032
<b>Piore de Cure</b>	2028118	2341348	7688407	0	1787431	530717	249547	6223	28939535	0	3916960	326906
<b>Niitaka</b>	921561	1028426	4443519	0	553362	1332198	128584	5581	19926073	11450	951091	203405
<b>Kumoi</b>	43632	1038355	3581583	0	757166	747477	214390	2764	12199146	0	1411563	185282
<b>Chojuro</b>	40130	1257355	3829751	0	645092	1190258	141422	2117	10992825	0	739907	212947
<b>Shinsui</b>	1588502	2010169	6101203	0	1021585	83696	96009	57415	13984298	0	1600304	393580
<b>Nijisseiki</b>	31196	1449498	7655591	81558	1244849	53653	182046	13755	18878130	0	2639212	341346
<b>Kiffer</b>	3088300	2268265	3980535	10387	2106778	572569	74646	109749	18180569	42765	1325947	165695

**Table S1.** Continuing...

	25	26	27	28	29	30	31	32	33	34	35	36
<b>Bella di Giungo</b>	13966498	6685	353416	39960	3003020	67395138	0	37135428	0	87403	8259	4888170
<b>Turandot</b>	9970921	3289101	1060052	28175	3665119	83048780	0	28680032	0	7590951	13449802	6958528
<b>Moldova's early</b>	26010902	5975	1181654	38191	3949903	88079087	0	38044258	0	78568	8161	3894916
<b>Coscia</b>	22060844	1157437	929829	13953	2360722	79555217	0	24382642	0	1426552	2818435	12317861
<b>Ilinjača</b>	11289874	107554	938772	36754	2732790	62945082	0	20033650	38775	95680	160850	5522231
<b>Carmen</b>	15838880	1275849	1758758	42459	2800761	105532003	0	30557194	0	2443422	5113674	13885430
<b>Butirra precoce Morettini</b>	7470593	2742774	771841	36948	3551500	43783929	0	32931129	28269	3401224	6631296	4428135
<b>Precoce de Trevoux</b>	10438468	4483241	531731	44124	5419777	44526033	0	30871625	0	9411888	15648819	5575494
<b>Santa Maria</b>	5846173	1664205	350088	28472	1591346	38500888	61495	9316567	0	4894203	9382658	1347412
<b>Williams'</b>	10231828	5258370	1208819	35713	3632258	74237786	0	17697974	0	10750515	17851681	13687097
<b>Jeribasma</b>	5228760	1786064	447223	134432	22309	76497089	4390458	8867398	0	8484	1381253	10340123
<b>Abbé Fétel</b>	13308135	1399259	533920	22451	2511839	98724223	0	22291381	0	1695502	2942475	18096954
<b>Packham's Triumphy</b>	10388384	3314051	761425	89420	3793850	72026905	0	24556928	0	4025793	7701920	17462284
<b>Beurre Bosc</b>	9682385	0	1076905	138207	3924042	64980447	0	31382100	0	86220	0	17425840
<b>Alexander Lucas</b>	8442178	2898664	468024	66467	2481875	70868859	0	12390753	40027	5290975	9034999	8613365
<b>Piore de Cure</b>	9249470	4919523	1016762	78191	3172080	74908263	1299681	25363126	42272	4938720	10394908	6884724
<b>Niitaka</b>	2706202	871433	266292	72916	191914	35270612	11477003	8050593	0	639149	1133486	2263971
<b>Kumoi</b>	3013926	1016378	203499	36489	112919	25575558	9239758	2463294	0	1051813	1579572	265511
<b>Chojuro</b>	3863697	946689	245637	26290	146541	26270610	8987011	10903154	0	1191532	1812061	327464
<b>Shinsui</b>	6061301	1886730	313635	68321	63089	37073503	4292107	6793567	0	2461255	4427071	1077307
<b>Nijisseiki</b>	4999966	2327931	195479	50104	117628	45629260	6083467	11057577	0	3320185	5427448	3233810
<b>Kiffer</b>	9412694	3263154	966120	32837	1349218	41330099	5752127	5790053	0	6518043	11491118	5695569

**Table S1.** Continuing...

	37	38	39	40	41	42	43	44	45	46	47	48
<b>Bella di Giungo</b>	0	9177805	0	9848311	7812705	3384600	8362	0	14826465	25073	180497	0
<b>Turandot</b>	0	8055989	0	9853261	4724792	3137509	78804	42210	14014030	0	1572495	21349
<b>Moldova's early</b>	0	7648138	0	12495348	5033174	7158246	0	0	5378038	47238	301663	10008
<b>Coscia</b>	0	4235431	16028	12291974	1352993	3189975	12921	0	12623058	7721	632366	9104
<b>Ilinjača</b>	0	3024621	3270	4979627	8463121	2731434	6397	0	3441586	0	249001	0
<b>Carmen</b>	0	6863593	2740	11826448	3103098	4177050	75173	0	23463929	10066	1638196	18193
<b>Butirra precoce Morettini</b>	0	7780899	0	5116532	10251358	2788380	30578	29285	9814883	15235	1123870	21910
<b>Precoce de Trevoux</b>	0	10022020	0	6401347	4229542	2385610	118490	42807	9422950	0	2497336	69625
<b>Santa Maria</b>	0	873092	3202	2717032	3098073	2303891	167168	4520	2377332	60666	1291821	48558
<b>Williams'</b>	0	4330784	1333	8999465	2662354	4239282	109750	109170	12107363	17889	2807526	38036
<b>Jeribasma</b>	484069	3095640	0	9452405	1473517	2142202	82613	0	6208732	13772356	14135	7801419
<b>Abbé Fétel</b>	0	4918092	0	11590991	1444568	2622291	498704	0	18975110	13043	1040422	11451
<b>Packham's Triumphy</b>	0	522820	2269	11108092	1152693	2868370	153113	42676	17182974	140032	958786	82231
<b>Beurre Bosc</b>	0	7005009	17279	10631606	3391019	2989842	12880	0	17056454	21230	240057	13274
<b>Alexander Lucas</b>	0	2558124	0	6766104	4265525	2542416	50908	30887	7564697	20114	2664648	15397
<b>Piore de Cure</b>	0	7112598	0	5863430	2697929	1691688	26510	0	5384308	1581124	1123605	668257
<b>Niitaka</b>	1075582	1066773	26718	4135517	4493387	1078040	168566	0	3071358	28645685	2063113	11037449
<b>Kumoi</b>	387529	0	4310	3426535	2079273	1083058	346135	0	30288	13129727	2776230	339203
<b>Chojuro</b>	406106	20423	0	5875841	4307034	911526	393215	0	85308	23909423	2366733	1537270
<b>Shinsui</b>	229910	1051469	3968	10548372	1614881	769930	26762	0	2762419	22009002	2316385	11739690
<b>Nijisseiki</b>	133384	574927	1743	10371262	1381207	547038	12541	662	4641704	24639798	4129209	12256033
<b>Kiffer</b>	0	1921161	4309	5575941	1934051	4076629	73891	52711	6218683	8894619	2583209	11524715

**Table S1.** Continuing...

	49	50	51	52	53	54	55	56	57	58	59	60
<b>Bella di Giungo</b>	4811773	6662017	843891	0	0	609053	92564	0	674853	0	0	0
<b>Turandot</b>	4899720	7919637	882335	0	7781	0	302653	0	37037	0	0	26487
<b>Moldova's early</b>	4392477	2783909	4173408	0	0	26774	315213	0	61282	0	21942	7507
<b>Coscia</b>	1736070	6692875	2562479	0	3493	549527	0	0	531328	0	0	9306
<b>Ilinjača</b>	1572547	896398	162627	0	4270	0	416819	0	22980	0	12345	35401
<b>Carmen</b>	5284414	14329697	2016531	0	10404	10112	313315	0	55681	0	9535	37532
<b>Butirra precoce Morettini</b>	5120193	3828264	618742	0	0	44783	515214	0	83567	0	0	7619
<b>Precoce de Trevoux</b>	3644397	4846740	413904	0	0	184824	260153	0	153951	0	14748	13691
<b>Santa Maria</b>	436173	267164	234012	0	24902	2393970	196240	10284	7469695	0	0	18129
<b>Williams'</b>	3115043	7473695	781674	0	0	8978	621547	0	46072	0	0	9432
<b>Jeribasma</b>	1118387	4289378	563477	33529	13284	0	4903	12391	10857	15270	0	6221
<b>Abbé Fétel</b>	2921416	9902925	845521	0	0	7633	299176	0	23784	0	0	4522
<b>Packham's Triumphy</b>	289968	1477778	598170	0	0	6804	554044	0	20929	0	0	4586
<b>Beurre Bosc</b>	4768957	10366242	551493	0	5689	1092	76400	0	29975	0	0	21075
<b>Alexander Lucas</b>	3382710	3754707	501238	0	0	0	430611	0	20403	0	11713	0
<b>Piore de Cure</b>	1444764	1975197	162735	0	11108	0	79499	0	33075	0	0	55282
<b>Niitaka</b>	82838	916855	198101	0	29860	0	474744	11511	14389	19396	0	19521
<b>Kumoi</b>	152333	0	190415	24065	8131	0	347408	0	13531	0	0	10632
<b>Chojuro</b>	272806	0	394567	196634	140346	81027	326734	54883	14121	0	10616	10720
<b>Shinsui</b>	109114	1811617	1063667	91611	426279	134965	449991	217800	16082	239779	16756	13311
<b>Nijisseiki</b>	194399	1896568	1041916	48640	81465	82559	229204	74659	19543	66033	0	12798
<b>Kiffer</b>	120066	2350830	920403	0	700632	100552	544657	60650	38273	277106	0	6728

**Table S2.** Correlation Matrix of Quantitated Polyphenols, TPC, and RSA.

	1	8	11	15	16	18	20	22	24	29	33	34	39	44	47	54	55	TPC	RSA
1	1																		
8	0.531	1																	
11	-0.449	-0.31	1																
15	0.268	0.049	-0.197	1															
16	0.187	0.219	-0.203	0.142	1														
18	0.045	0.001	0.08	-0.354	-0.104	1													
20	-0.254	-0.196	-0.149	-0.31	-0.058	-0.216	1												
22	0.119	0.145	-0.237	0.405	0.817	0.044	-0.15	1											
24	-0.132	-0.122	-0.095	0.379	-0.005	-0.369	0.421	0	1										
29	0.369	0.359	-0.349	0.485	0.227	-0.253	-0.19	0.375	-0.012	1									
33	0.549	0.478	-0.479	0.007	-0.179	0.056	-0.184	-0.185	-0.125	0.142	1								
34	0.028	0.477	-0.228	-0.054	0.466	-0.255	0.174	0.305	-0.203	0.358	-0.062	1							
39	-0.166	-0.374	0.285	-0.147	-0.007	0.195	-0.021	-0.105	0.073	-0.256	-0.241	-0.342	1						
44	-0.305	0.013	0.158	-0.379	0.192	-0.009	-0.006	0.014	-0.337	-0.493	-0.159	0.474	-0.122	1					
47	0.135	0.494	-0.287	-0.029	0.668	-0.218	-0.028	0.483	-0.284	0.394	-0.04	0.826	-0.248	0.323	1				
54	-0.184	-0.228	-0.142	-0.142	-0.119	-0.286	0.925	-0.205	0.616	-0.102	-0.197	0.06	0.007	-0.149	-0.151	1			
55	-0.04	0.139	-0.128	-0.316	0.301	0.214	-0.106	0.223	-0.518	-0.111	0.13	0.284	-0.154	0.354	0.584	-0.337	1		
TPC	-0.184	-0.279	0.097	0.486	0.27	-0.508	0.455	0.276	0.703	0.1	-0.51	0.058	0.047	-0.154	-0.053	0.546	-0.447	1	
RSA	-0.144	-0.285	0.185	0.456	0.202	-0.262	0.348	0.258	0.721	-0.078	-0.434	-0.181	0.319	-0.258	-0.223	0.446	-0.427	0.855	1