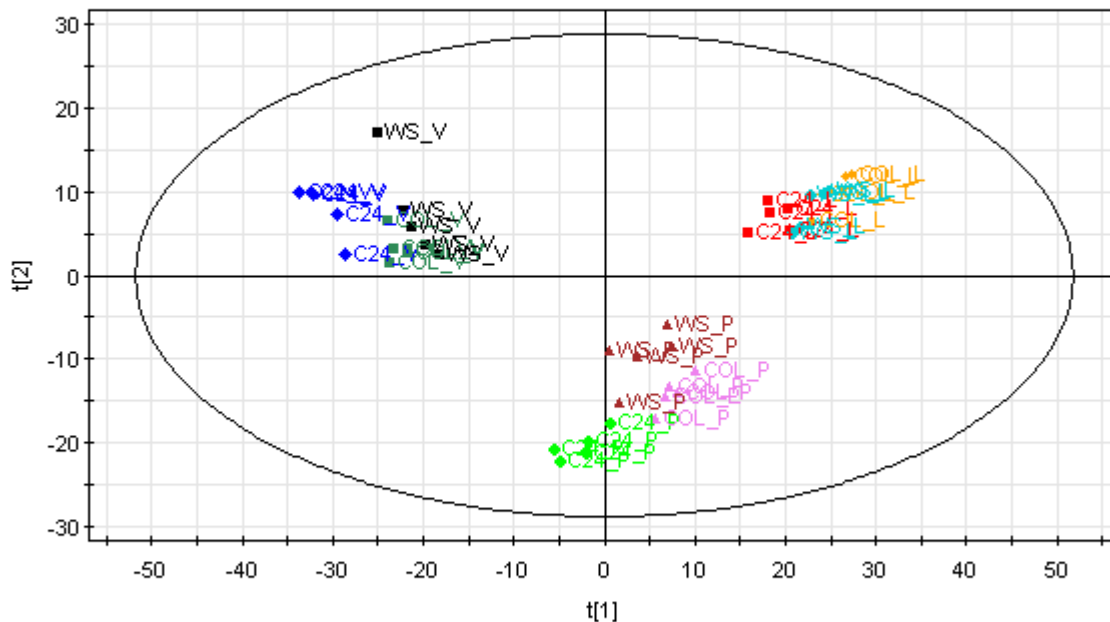


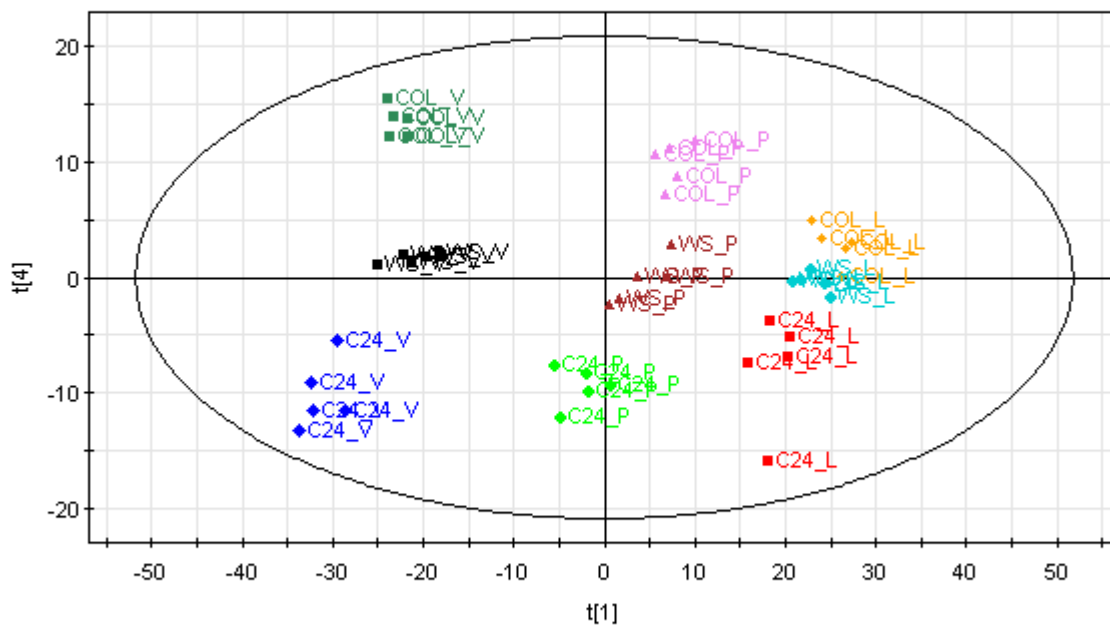
PCA analysis of wild-type (WS, Col 1-0 & C24) plant tissues (vascular bundle, petiole minus bundle and leaf. MS Pos.

all samples trans.M1 (PCA-X)  
 t[Comp. 1]/t[Comp. 2]  
 Colored according to Obs ID (P11\_V)



R2X[1] = 0.275255                      R2X[2] = 0.08594  
 Ellipse: Hotelling T2 (0.95)

all samples trans.M1 (PCA-X)  
 t[Comp. 1]/t[Comp. 4]  
 Colored according to Obs ID (P11\_V)



R2X[1] = 0.275255                      R2X[4] = 0.0447798  
 Ellipse: Hotelling T2 (0.95)

0.2da BINs of interest. These BINs have a t-test  $p < 0.05$ , a fold change  $> 2$  and an average intensity of  $> 0.1$ . Those BINs shown in bold pass the additional Bonnferoni test.

Col 1-0 wild-type: vascular tissue vs. petiole tissue.

Bonnferoni	1.976E-05								
COL Vasc vs Pet POS									
BIN	t-test	AvgV	Avg P	SE V	SE P	fold change	log change	abs change	avg inten
174.8	<b>4.305E-09</b>	<b>0.7587</b>	<b>0.06226</b>	<b>0.014231128</b>	<b>0.007529824</b>	<b>12.18599422</b>	<b>1.085860968</b>	<b>1.085860968</b>	<b>0.41048</b>
210	<b>1.867E-08</b>	<b>0.22124</b>	<b>0.47662</b>	<b>0.007490961</b>	<b>0.00932888</b>	<b>0.464185305</b>	<b>-0.333308613</b>	<b>0.333308613</b>	<b>0.34893</b>
165	<b>4.887E-08</b>	<b>0.06952</b>	<b>0.15206</b>	<b>0.002762788</b>	<b>0.003428484</b>	<b>0.457187952</b>	<b>-0.339905223</b>	<b>0.339905223</b>	<b>0.11079</b>
224	<b>5.775E-08</b>	<b>0.3862</b>	<b>0.1252</b>	<b>0.010913237</b>	<b>0.008359052</b>	<b>3.084664537</b>	<b>0.489207941</b>	<b>0.489207941</b>	<b>0.2557</b>
201	<b>4.349E-07</b>	<b>0.04932</b>	<b>0.1598</b>	<b>0.005064756</b>	<b>0.006156602</b>	<b>0.308635795</b>	<b>-0.510553707</b>	<b>0.510553707</b>	<b>0.10456</b>
160	<b>5.586E-07</b>	<b>0.04338</b>	<b>0.15836</b>	<b>0.005010788</b>	<b>0.006547671</b>	<b>0.273932811</b>	<b>-0.562355945</b>	<b>0.562355945</b>	<b>0.10087</b>
277	<b>1.035E-06</b>	<b>1.2974</b>	<b>0.48466</b>	<b>0.031644767</b>	<b>0.047751722</b>	<b>2.676928156</b>	<b>0.427636716</b>	<b>0.427636716</b>	<b>0.89103</b>
136	<b>1.335E-06</b>	<b>0.27534</b>	<b>0.88604</b>	<b>0.023843673</b>	<b>0.036817584</b>	<b>0.310753465</b>	<b>-0.50758402</b>	<b>0.50758402</b>	<b>0.58069</b>
135.6	<b>1.445E-06</b>	<b>0.37616</b>	<b>1.3665</b>	<b>0.037014703</b>	<b>0.059241656</b>	<b>0.275272594</b>	<b>-0.560237024</b>	<b>0.560237024</b>	<b>0.87133</b>
135	<b>1.731E-06</b>	<b>1.28634</b>	<b>4.62646</b>	<b>0.129304199</b>	<b>0.205943787</b>	<b>0.278039797</b>	<b>-0.555893037</b>	<b>0.555893037</b>	<b>2.9564</b>
167	<b>2.661E-06</b>	<b>0.51496</b>	<b>0.21876</b>	<b>0.017373241</b>	<b>0.021057024</b>	<b>2.353995246</b>	<b>0.371805581</b>	<b>0.371805581</b>	<b>0.36686</b>
222	<b>3.166E-06</b>	<b>0.30496</b>	<b>0.07388</b>	<b>0.013630279</b>	<b>0.00684739</b>	<b>4.12777477</b>	<b>0.615715992</b>	<b>0.615715992</b>	<b>0.18942</b>
188	<b>3.341E-06</b>	<b>0.06428</b>	<b>0.13754</b>	<b>0.002456725</b>	<b>0.004565715</b>	<b>0.467354951</b>	<b>-0.330353152</b>	<b>0.330353152</b>	<b>0.10091</b>
87	<b>3.508E-06</b>	<b>0.32788</b>	<b>0.15954</b>	<b>0.012027541</b>	<b>0.011602564</b>	<b>2.055158581</b>	<b>0.312845339</b>	<b>0.312845339</b>	<b>0.24371</b>
263	<b>3.976E-06</b>	<b>1.32262</b>	<b>0.42024</b>	<b>0.064440926</b>	<b>0.04225137</b>	<b>3.147296783</b>	<b>0.497937698</b>	<b>0.497937698</b>	<b>0.87143</b>
82	<b>4.411E-06</b>	<b>0.07566</b>	<b>0.17388</b>	<b>0.003408372</b>	<b>0.006381555</b>	<b>0.435127674</b>	<b>-0.361383295</b>	<b>0.361383295</b>	<b>0.12477</b>
104	<b>5.67E-06</b>	<b>13.1825</b>	<b>3.42884</b>	<b>0.555989028</b>	<b>0.22668872</b>	<b>3.844594673</b>	<b>0.58485056</b>	<b>0.58485056</b>	<b>8.30567</b>
105	<b>8.276E-06</b>	<b>0.82426</b>	<b>0.25362</b>	<b>0.035606769</b>	<b>0.014950518</b>	<b>3.249980285</b>	<b>0.511880727</b>	<b>0.511880727</b>	<b>0.53894</b>
83	<b>8.525E-06</b>	<b>0.0484</b>	<b>0.17746</b>	<b>0.00481547</b>	<b>0.009236788</b>	<b>0.272737518</b>	<b>-0.564255116</b>	<b>0.564255116</b>	<b>0.11293</b>
142	<b>8.59E-06</b>	<b>0.0607</b>	<b>0.1456</b>	<b>0.004438046</b>	<b>0.006798253</b>	<b>0.416895604</b>	<b>-0.379972684</b>	<b>0.379972684</b>	<b>0.10315</b>
114	<b>1.228E-05</b>	<b>0.08588</b>	<b>0.18048</b>	<b>0.008205212</b>	<b>0.00728598</b>	<b>0.475842199</b>	<b>-0.322537047</b>	<b>0.322537047</b>	<b>0.13318</b>
144	<b>1.322E-05</b>	<b>0.07574</b>	<b>0.22822</b>	<b>0.004703403</b>	<b>0.010685235</b>	<b>0.331872754</b>	<b>-0.4790284</b>	<b>0.4790284</b>	<b>0.15198</b>
187	<b>1.514E-05</b>	<b>0.3862</b>	<b>0.18014</b>	<b>0.018343357</b>	<b>0.012842293</b>	<b>2.143888087</b>	<b>0.331202111</b>	<b>0.331202111</b>	<b>0.28317</b>
202	<b>1.816E-05</b>	<b>0.078</b>	<b>0.33926</b>	<b>0.00341266</b>	<b>0.014599598</b>	<b>0.229912162</b>	<b>-0.638438055</b>	<b>0.638438055</b>	<b>0.20863</b>
200	<b>1.961E-05</b>	<b>0.15478</b>	<b>0.49558</b>	<b>0.008448328</b>	<b>0.023229141</b>	<b>0.312320917</b>	<b>-0.505398929</b>	<b>0.505398929</b>	<b>0.32518</b>
211	2.025E-05	0.11638	0.35444	0.004508797	0.0149611	0.328348945	-0.483664375	0.483664375	0.23541
185	2.151E-05	4.51672	0.57618	0.256123287	0.080971981	7.839078066	0.894264989	0.894264989	2.54645
145	2.496E-05	0.10428	0.48594	0.004218323	0.021832705	0.214594394	-0.668381627	0.668381627	0.29511
134	2.53E-05	0.04696	0.18082	0.004093684	0.010129005	0.259705785	-0.585518377	0.585518377	0.11389
171	3.099E-05	0.56908	0.24812	0.012609292	0.027113797	2.293567629	0.36051155	0.36051155	0.4086
141	3.339E-05	0.04338	0.1921	0.002163157	0.009484	0.225819885	-0.646237817	0.646237817	0.11774
123.6	3.549E-05	0.06156	0.2159	0.00157226	0.009344785	0.285132006	-0.544954031	0.544954031	0.13873
209	4.116E-05	0.36114	1.5947	0.023323288	0.086711014	0.226462658	-0.645003401	0.645003401	0.97792
143	4.254E-05	0.71554	5.26306	0.03907497	0.280174124	0.135955129	-0.866604404	0.866604404	2.9893
143.6	5.316E-05	0.10026	0.73016	0.006152499	0.041296649	0.13731237	-0.862290337	0.862290337	0.41521
103	5.411E-05	0.05576	0.1886	0.001452842	0.008862491	0.295652174	-0.529218923	0.529218923	0.12218
232	5.447E-05	0.17328	0.58042	0.00964063	0.031754614	0.298542435	-0.52499393	0.52499393	0.37685
115	5.899E-05	0.26416	1.4736	0.015478719	0.083973351	0.179261672	-0.746512557	0.746512557	0.86888
115.6	6.164E-05	0.1563	0.962	0.009839779	0.056056322	0.162474012	-0.789216094	0.789216094	0.55915
123	6.373E-05	0.066	0.38368	0.002168813	0.021053515	0.172018349	-0.764425226	0.764425226	0.22484
130.6	6.708E-05	0.04616	0.20988	0.000728526	0.010792729	0.219935201	-0.657705255	0.657705255	0.12802
500	6.728E-05	0.17698	0.0476	0.01287946	0.006297619	3.718067227	0.570317238	0.570317238	0.11229
296	6.94E-05	1.5743	0.1145	0.10152022	0.014410196	13.74934498	1.138282009	1.138282009	0.8444
114.6	7.168E-05	0.8703	5.44324	0.055060875	0.327626288	0.159886391	-0.7961885	0.7961885	3.15677
182	8.714E-05	0.07798	0.21448	0.002977289	0.011278264	0.363577023	-0.43940357	0.43940357	0.14623
248	9.446E-05	0.04122	0.17094	0.002113173	0.010277013	0.241137241	-0.617735712	0.617735712	0.10608
365	9.491E-05	0.69118	0.04138	0.064102705	0.026325805	16.70323828	1.222800677	1.222800677	0.36628
515	0.0001057	0.15702	0.0536	0.011291778	0.005673072	2.929477612	0.466790183	0.466790183	0.10531
138.6	0.000106	0.04504	0.22522	0.000394652	0.013187086	0.19998224	-0.699008572	0.699008572	0.13513
280	0.0001119	0.15902	0.04494	0.010075552	0.002760118	3.538495772	0.548818681	0.548818681	0.10198
577.2	0.0001178	0.36628	0.03126	0.025289583	0.001236224	11.71721049	1.068824232	1.068824232	0.19877

514	0.0001235	0.89268	0.23976	0.072462709	0.035281362	3.723223223	0.570919075	0.570919075	0.56622
139	0.0001275	0.07306	0.20684	0.003696214	0.012457307	0.35321988	-0.451954861	0.451954861	0.13995
225	0.0001327	0.18086	0.88658	0.005023769	0.055744758	0.203997383	-0.690375403	0.690375403	0.53372
161	0.0001383	0.03942	0.31656	0.002751227	0.022514679	0.124526156	-0.904739417	0.904739417	0.17799
258	0.0001405	0.4517	0.06946	0.032447361	0.005756692	6.503023323	0.813115312	0.813115312	0.26058
150	0.0001509	0.06056	0.14396	0.00568931	0.010082324	0.420672409	-0.376055971	0.376055971	0.10226
111	0.0001642	0.04448	0.29854	0.001001499	0.020853555	0.14899176	-0.82683775	0.82683775	0.17151
127	0.0001802	0.10262	0.38608	0.010514003	0.030008424	0.265799834	-0.575445294	0.575445294	0.24435
516	0.0001805	0.2835	0.1206	0.021002738	0.013856406	2.350746269	0.371205755	0.371205755	0.20205
176	0.0001837	0.72208	0.06694	0.055972531	0.004652499	10.78697341	1.032899608	1.032899608	0.39451
159	0.0001916	0.06074	0.24888	0.003531041	0.017544387	0.244053359	-0.612515211	0.612515211	0.15481
270	0.0001956	0.0577	0.16398	0.004252793	0.011616658	0.35187218	-0.453615069	0.453615069	0.11084
175	0.0002028	8.92558	0.68968	0.714229304	0.038378402	12.9416251	1.111988815	1.111988815	4.80763
95	0.000204	0.04682	0.29458	0.002591669	0.02209871	0.158938149	-0.798771848	0.798771848	0.1707
383	0.0002441	0.517	0.08578	0.043898647	0.010407894	6.027045931	0.780104501	0.780104501	0.30139
213	0.0002487	0.29858	0.0754	0.022071769	0.004352155	3.95994695	0.597689368	0.597689368	0.18699
110	0.000259	0.14504	0.47268	0.006390383	0.032677963	0.306846069	-0.513079436	0.513079436	0.30886
382	0.0002671	0.68216	0.0873	0.059962974	0.011974556	7.8139748	0.892872006	0.892872006	0.38473
233	0.0003012	0.1094	0.2492	0.007437405	0.017522771	0.439004815	-0.357530716	0.357530716	0.1793
118	0.0003108	0.0934	0.4382	0.002592537	0.033565812	0.213144683	-0.671325497	0.671325497	0.2658
381	0.0003396	5.55178	0.6723	0.507755952	0.083029212	8.257890823	0.916869137	0.916869137	3.11204
591.2	0.0003456	0.15514	0.0763	0.00960967	0.003406428	2.033289646	0.308199249	0.308199249	0.11572
212.8	0.0003545	1.00926	0.1368	0.096504317	0.022418603	7.377631579	0.867916964	0.867916964	0.57303
214.8	0.0004	0.24876	0.03068	0.024905085	0.005899619	8.10821382	0.908925193	0.908925193	0.13972
196.8	0.0004631	0.23212	0.01422	0.024734551	0.004465199	16.32348805	1.212812965	1.212812965	0.12317
122.6	0.0005024	0.11638	1.44384	0.009135193	0.14539677	0.080604499	-1.093640716	1.093640716	0.78011
313.8	0.0005746	0.19484	0.01516	0.023712354	0.007492797	12.85224274	1.10897892	1.10897892	0.105
154.6	0.0005751	0.0582	0.23506	0.002681651	0.020574699	0.247596358	-0.606255747	0.606255747	0.14663
561.2	0.0006263	0.442	0.0383	0.047032861	0.003814282	11.54046997	1.062223495	1.062223495	0.24015
130.2	0.0006354	0.23786	0.115	0.016104371	0.019110566	2.068347826	0.315623574	0.315623574	0.17643
82.4	0.0006511	0.05148	0.3494	0.004869985	0.03585129	0.147338294	-0.831684362	0.831684362	0.20044
94	0.0006646	0.14764	1.27802	0.013797174	0.134718644	0.115522449	-0.937333614	0.937333614	0.71283
90.4	0.0008061	0.02504	0.20788	0.001068644	0.022541861	0.120454108	-0.919178384	0.919178384	0.11646
168	0.0008357	0.47152	1.56166	0.025658951	0.142924777	0.30193512	-0.520086368	0.520086368	1.01659
94.6	0.0008376	0.0423	0.3137	0.002885957	0.034104563	0.134842206	-0.870174151	0.870174151	0.178
223	0.0010079	0.60244	0.2715	0.015855346	0.049630132	2.21893186	0.346143966	0.346143966	0.43697
273	0.0010132	0.06146	0.19098	0.005706422	0.019170205	0.321813802	-0.492395333	0.492395333	0.12622
146.6	0.002084	0.11416	0.24596	0.002388671	0.021157877	0.464140511	-0.333350524	0.333350524	0.18006
146.2	0.0023433	0.10902	0.27998	0.017523962	0.033664362	0.389384956	-0.409620832	0.409620832	0.1945
425	0.009377	0.06822	0.14582	0.015148077	0.019883894	0.467837059	-0.329905379	0.329905379	0.10702
205	0.0114802	0.06786	0.1895	0.010600507	0.032656603	0.358100264	-0.445995359	0.445995359	0.12868
100	0.0140852	0.05228	0.15088	0.002561347	0.026640815	0.34650053	-0.460296096	0.460296096	0.10158
89.6	0.0326187	0.04872	0.29658	0.003961281	0.086432426	0.164272709	-0.784434581	0.784434581	0.17265

Col 1-0 wild-type: vascular tissue vs. leaf tissue.

BIN	t-test	Avg P	Avg WS	SE P	SE WS	fold change	log fold change	abs change	avg inten
182	1.546E-09	0.07798	0.2745	0.002977289	0.004485672	0.284080146	-0.546559118	0.546559118	0.17624
83	2.723E-09	0.0484	0.2222	0.00481547	0.003690528	0.217821782	-0.661898693	0.661898693	0.1353
82	2.76E-09	0.07566	0.19594	0.003408372	0.003349739	0.386138614	-0.413256767	0.413256767	0.1358
160	7.065E-09	0.04338	0.19782	0.005010788	0.004167043	0.219290264	-0.65898065	0.65898065	0.1206
145	3.213E-08	0.10428	0.4733	0.004218323	0.009086253	0.220325375	-0.656935482	0.656935482	0.28879
110	4.167E-08	0.14504	0.7182	0.006390383	0.014239996	0.201949318	-0.69475761	0.69475761	0.43162
198	4.21E-08	0.05782	0.18186	0.002514309	0.004191002	0.317936875	-0.497659099	0.497659099	0.11984
110.6	5.119E-08	0.02262	0.1952	0.001446288	0.003773758	0.115881148	-0.935987213	0.935987213	0.10891
143	5.806E-08	0.71554	5.4439	0.03907497	0.10395478	0.131438858	-0.881276222	0.881276222	3.07972
165	6.937E-08	0.06952	0.16054	0.002762788	0.003808477	0.433038495	-0.363473495	0.363473495	0.11503

142	7.146E-08	0.0607	0.1758	0.004438046	0.00506594	0.345278726	-0.46183018	0.46183018	0.11825
127	7.297E-08	0.10262	0.38312	0.010514003	0.012377772	0.267853414	-0.572102814	0.572102814	0.24287
173	7.506E-08	0.06396	0.16698	0.002475025	0.003948956	0.383039885	-0.416756002	0.416756002	0.11547
105.6	7.877E-08	0.0263	0.22544	0.001813491	0.004733735	0.116660752	-0.933075227	0.933075227	0.12587
144	1.061E-07	0.07574	0.19378	0.004703403	0.002899224	0.390855609	-0.407983651	0.407983651	0.13476
211	1.177E-07	0.11638	0.32162	0.004508797	0.007835369	0.361855606	-0.441464695	0.441464695	0.219
100	1.723E-07	0.05228	0.15534	0.002561347	0.004300814	0.336552079	-0.472947722	0.472947722	0.10381
71	2.175E-07	0.03406	0.26798	0.003383157	0.007691017	0.127099037	-0.895857739	0.895857739	0.15102
88	2.329E-07	0.0553	0.14766	0.00287054	0.004348362	0.374509007	-0.426537733	0.426537733	0.10148
159	2.338E-07	0.06074	0.26404	0.003531041	0.007353367	0.230040903	-0.638194936	0.638194936	0.16239
277	2.419E-07	1.2974	0.4905	0.031644767	0.041061828	2.645056065	0.422434882	0.422434882	0.89395
98.6	2.723E-07	0.0253	0.19426	0.001467992	0.004493134	0.130237826	-0.885262863	0.885262863	0.10978
188	2.937E-07	0.06428	0.1548	0.002456725	0.004112785	0.415245478	-0.381695088	0.381695088	0.10954
174.8	4.423E-07	0.7587	0.01728	0.014231128	0.001227497	43.90625	1.642526346	1.642526346	0.38799
138.6	4.482E-07	0.04504	0.2977	0.000394652	0.004844456	0.151293248	-0.820180453	0.820180453	0.17137
141	5.25E-07	0.04338	0.26024	0.002163157	0.00661245	0.166692284	-0.778084503	0.778084503	0.15181
171	5.309E-07	0.56908	0.10072	0.012609292	0.003379608	5.650119142	0.752057606	0.752057606	0.3349
167	5.513E-07	0.51496	0.13162	0.017373241	0.009120471	3.912475308	0.59245161	0.59245161	0.32329
200	6.605E-07	0.15478	0.42442	0.008448328	0.013995865	0.364685924	-0.438080999	0.438080999	0.2896
104	1.037E-06	13.1825	1.50726	0.555989028	0.271649617	8.74600268	0.941809606	0.941809606	7.34488
135	1.052E-06	1.28634	4.35896	0.129304199	0.185332453	0.295102502	-0.530027109	0.530027109	2.82265
135.6	1.075E-06	0.37616	1.28426	0.037014703	0.054362724	0.292900192	-0.533280344	0.533280344	0.83021
118	1.237E-06	0.0934	0.67722	0.002592537	0.015809072	0.137916777	-0.860382899	0.860382899	0.38531
136	1.295E-06	0.27534	0.83286	0.023843673	0.034509466	0.330595778	-0.480702697	0.480702697	0.5541
122.6	1.625E-06	0.11638	2.24676	0.009135193	0.060472603	0.051799035	-1.28567833	1.28567833	1.18157
123	1.674E-06	0.066	0.53788	0.002168813	0.013636688	0.122703949	-0.911141461	0.911141461	0.30194
143.6	1.747E-06	0.10026	0.75362	0.006152499	0.022881281	0.133037871	-0.876024715	0.876024715	0.42694
111	1.94E-06	0.04448	0.46642	0.001001499	0.011659567	0.095364693	-1.020612386	1.020612386	0.25545
130	2.267E-06	1.3276	0.34362	0.048121838	0.020229354	3.863570223	0.58698881	0.58698881	0.83561
79	2.391E-06	0.03042	0.19418	0.002424716	0.007052251	0.15665877	-0.805045287	0.805045287	0.1123
201	2.411E-06	0.04932	0.1607	0.005064756	0.001887127	0.306907281	-0.512992809	0.512992809	0.10501
113.6	2.478E-06	0.02048	0.24306	0.001619568	0.007637539	0.084259031	-1.074383541	1.074383541	0.13177
105	2.872E-06	0.82426	0.12594	0.035606769	0.014908664	6.544862633	0.815900536	0.815900536	0.4751
223	3.017E-06	0.60244	0.10842	0.015855346	0.002050732	5.556539384	0.744804397	0.744804397	0.35543
99.4	3.058E-06	0.01946	0.23514	0.001955313	0.008133926	0.082759207	-1.082183678	1.082183678	0.1273
87	3.073E-06	0.32788	0.12926	0.012027541	0.006328665	2.536592914	0.404250775	0.404250775	0.22857
224	3.08E-06	0.3862	0.14522	0.010913237	0.003744062	2.659413304	0.424785837	0.424785837	0.26571
103	3.37E-06	0.05576	0.26736	0.001452842	0.007562291	0.20855775	-0.680773667	0.680773667	0.16156
180	3.802E-06	0.05488	0.167	0.001202809	0.004599592	0.328622754	-0.483302368	0.483302368	0.11094
97.4	4.027E-06	0.01534	0.21048	0.00206325	0.008041486	0.072881034	-1.137385475	1.137385475	0.11291
209	4.492E-06	0.36114	1.13478	0.023323288	0.047651789	0.318246709	-0.497236079	0.497236079	0.74796
115.6	4.585E-06	0.1563	1.336	0.009839779	0.046584855	0.116991018	-0.93184748	0.93184748	0.74615
82.4	4.807E-06	0.05148	0.68616	0.004869985	0.024795781	0.075026233	-1.124786859	1.124786859	0.36882
114.6	5E-06	0.8703	7.50392	0.055060875	0.265676352	0.115979381	-0.935619212	0.935619212	4.18711
95	5.008E-06	0.04682	0.50684	0.002591669	0.017111349	0.092376292	-1.034439473	1.034439473	0.27683
168	5.329E-06	0.47152	1.35842	0.025658951	0.054733073	0.347109142	-0.459533949	0.459533949	0.91497
78	5.524E-06	0.02214	0.1789	0.001728656	0.006873773	0.123756288	-0.907432724	0.907432724	0.10052
115	5.968E-06	0.26416	2.02454	0.015478719	0.073734275	0.130479022	-0.884459306	0.884459306	1.14435
94	7.065E-06	0.14764	2.37978	0.013797174	0.090315166	0.062039348	-1.207332774	1.207332774	1.26371
94.6	7.878E-06	0.0423	0.57932	0.002885957	0.021821532	0.07301664	-1.136578155	1.136578155	0.31081
161	9.038E-06	0.03942	0.32096	0.002751227	0.013008103	0.122819043	-0.910734291	0.910734291	0.18019
90.4	9.658E-06	0.02504	0.39002	0.001068644	0.014867977	0.064201836	-1.192452553	1.192452553	0.20753
516	1.037E-05	0.2835	0.03076	0.021002738	0.014059943	9.216514954	0.964566732	0.964566732	0.15713
114	1.062E-05	0.08588	0.19464	0.008205212	0.009250784	0.441224825	-0.35534006	0.35534006	0.14026
307	1.441E-05	0.06494	0.18856	0.002769838	0.007812458	0.344399661	-0.462937285	0.462937285	0.12675
225	1.625E-05	0.18086	0.69464	0.005023769	0.026466715	0.260365081	-0.584417262	0.584417262	0.43775
202	1.709E-05	0.078	0.28656	0.00341266	0.012237473	0.272194305	-0.565120966	0.565120966	0.18228
263	1.781E-05	1.32262	0.49384	0.064440926	0.030977544	2.678235866	0.427848822	0.427848822	0.90823
617	1.792E-05	0.0441	0.25436	0.003928899	0.012921813	0.173376317	-0.761010227	0.761010227	0.14923
204	2.034E-05	0.05434	0.1926	0.003270436	0.009324497	0.282139148	-0.549536649	0.549536649	0.12347
500	2.235E-05	0.17698	0.02302	0.01287946	0.006593595	7.688097307	0.885818871	0.885818871	0.1

222	2.439E-05	0.30496	0.1012	0.013630279	0.00432955	3.013438735	0.479062366	0.479062366	0.20308
130.6	2.976E-05	0.04616	0.24328	0.000728526	0.010609984	0.189740217	-0.721840607	0.721840607	0.14472
130.2	3.217E-05	0.23786	0.07636	0.016104371	0.011350639	3.114981666	0.493455495	0.493455495	0.15711
134	3.717E-05	0.04696	0.16806	0.004093684	0.009957761	0.279424015	-0.553736271	0.553736271	0.10751
90	4.138E-05	0.08496	0.22994	0.002279419	0.009771297	0.369487692	-0.432400023	0.432400023	0.15745
185	4.542E-05	4.51672	0.17182	0.256123287	0.003324793	26.28751019	1.419749454	1.419749454	2.34427
112.8	6.855E-05	0.2595	0.06418	0.019375113	0.009321373	4.043315675	0.606737649	0.606737649	0.16184
577.2	7.886E-05	0.36628	0.01972	0.025289583	0.004117554	18.57403651	1.268906295	1.268906295	0.193
296	8.099E-05	1.5743	0.08638	0.10152022	0.001471564	18.22528363	1.260674296	1.260674296	0.83034
187	9.246E-05	0.3862	0.13068	0.018343357	0.001445856	2.955310683	0.470603144	0.470603144	0.25844
123.6	9.297E-05	0.06156	0.14594	0.00157226	0.006826657	0.421817185	-0.374875731	0.374875731	0.10375
147	9.298E-05	1.6514	0.3299	0.095837408	0.009254526	5.005759321	0.699469965	0.699469965	0.99065
85	9.79E-05	0.05086	0.17162	0.00184038	0.009533913	0.296352406	-0.528191542	0.528191542	0.11124
212	0.0001171	0.05402	0.2001	0.001158339	0.011259496	0.269965017	-0.568692509	0.568692509	0.12706
139	0.0001195	0.07306	0.23846	0.003696214	0.014528876	0.306382622	-0.513735872	0.513735872	0.15576
221	0.0001441	0.05218	0.27554	0.001330132	0.017890067	0.189373594	-0.722680579	0.722680579	0.16386
205	0.0001476	0.06786	0.15376	0.010600507	0.009304609	0.441337149	-0.355229515	0.355229515	0.11081
258	0.000177	0.4517	0.07464	0.032447361	0.003774685	6.051714898	0.78187846	0.78187846	0.26317
175	0.0001774	8.92558	0.34416	0.714229304	0.00913808	25.93439098	1.413876054	1.413876054	4.63487
176	0.0001777	0.72208	0.05228	0.055972531	0.002177556	13.81178271	1.140249737	1.140249737	0.38718
280	0.0002191	0.15902	0.0536	0.010075552	0.001937137	2.966791045	0.472286959	0.472286959	0.10631
514	0.0002293	0.89268	0.08318	0.072462709	0.004040792	10.73190671	1.030676889	1.030676889	0.48793
515	0.0002456	0.15702	0.04304	0.011291778	0.00229336	3.648234201	0.56208271	0.56208271	0.10003
156	0.0002882	0.4645	0.15898	0.041500316	0.023856299	2.921751164	0.465643226	0.465643226	0.31174
212.8	0.0003146	1.00926	0.00946	0.096504317	0.0030099	106.6871036	2.028111925	2.028111925	0.50936
383	0.0003278	0.517	0.078	0.043898647	0.004796092	6.628205128	0.82139594	0.82139594	0.2975
382	0.0003606	0.68216	0.08734	0.059962974	0.004125167	7.810396153	0.892673062	0.892673062	0.38475
214.8	0.000366	0.24876	0	0.024905085	0	#DIV/0!	#DIV/0!	#DIV/0!	0.12438
381	0.0003873	5.55178	0.57604	0.507755952	0.022876915	9.63783765	0.983979606	0.983979606	3.06391
365	0.0004058	0.69118	0.13404	0.064102705	0.015518521	5.156520442	0.712356744	0.712356744	0.41261
196.8	0.0004665	0.23212	0	0.024734551	0	#DIV/0!	#DIV/0!	#DIV/0!	0.11606
561.2	0.0004835	0.442	0.02278	0.047032861	0.00676733	19.40298507	1.28786855	1.28786855	0.23239
213	0.0005641	0.29858	0.1091	0.022071769	0.003141059	2.73675527	0.437235963	0.437235963	0.20384
139.8	0.0008762	1.80128	0.43204	0.188814616	0.045722213	4.169243589	0.62005727	0.62005727	1.11666
141.8	0.0010357	0.281	0.0852	0.028503443	0.0075418	3.298122066	0.518266725	0.518266725	0.1831
240.8	0.0013937	0.29412	0.0153	0.040480248	0.004998625	19.22352941	1.283833126	1.283833126	0.15471
158	0.0058286	0.25402	0.0876	0.037154414	0.010624676	2.899771689	0.462363806	0.462363806	0.17081
106.6	0.0214309	0.01986	0.21982	0.002184205	0.060996264	0.090346647	-1.044087959	1.044087959	0.11984
288.2	0.0299995	0.15932	0.3844	0.045782903	0.078367851	0.4144641	-0.382513081	0.382513081	0.27186

Col 1-0 wild-type: petiole tissue vs. leaf tissue.

Bonferroni		1.985E-05							
COL Petiole vs Leaf POS									
BIN	t-test	Avg P	Avg WS	SE P	SE WS	fold change	log fold change	abs change	avg inten
307	9.975E-06	0.09326	0.18856	0.00511158	0.007812458	0.494590581	-0.305754158	0.305754158	0.14091
262	3.384E-05	0.06976	0.17128	0.007755127	0.010278704	0.407286315	-0.390100182	0.390100182	0.12052
232	0.0001322	0.58042	0.18452	0.031754614	0.00380023	3.145566876	0.497698923	0.497698923	0.38247
105	0.0001434	0.25362	0.12594	0.014950518	0.014908664	2.013816103	0.304019809	0.304019809	0.18978
204	0.0001686	0.08678	0.1926	0.00157734	0.009324497	0.450571132	-0.346236637	0.346236637	0.13969
141.8	0.0001735	0.417	0.0852	0.031318605	0.0075418	4.894366197	0.68969646	0.68969646	0.2511
221	0.0001788	0.08662	0.27554	0.004237983	0.017890067	0.314364521	-0.502566475	0.502566475	0.18108
234	0.0002026	0.1547	0.06592	0.008228685	0.001457481	2.346783981	0.370473115	0.370473115	0.11031
139.8	0.0002138	2.57802	0.43204	0.208542134	0.045722213	5.967086381	0.775762325	0.775762325	1.50503
212	0.0002825	0.09518	0.2001	0.002915562	0.011259496	0.475662169	-0.322701388	0.322701388	0.14764
248	0.0003142	0.17094	0.07144	0.010277013	0.001851553	2.392777156	0.378902254	0.378902254	0.12119
273	0.0003256	0.19098	0.05536	0.019170205	0.015496677	3.449783237	0.537791808	0.537791808	0.12317
104	0.0003384	3.42884	1.50726	0.22668872	0.271649617	2.2748829	0.356959046	0.356959046	2.46805
175	0.0003537	0.68968	0.34416	0.038378402	0.00913808	2.00395165	0.301887239	0.301887239	0.51692

270	0.0005203	0.16398	0.061	0.011616658	0.001378858	2.688196721	0.429461047	0.429461047	0.11249
233	0.0006368	0.2492	0.1219	0.017522771	0.005997187	2.044298605	0.310544332	0.310544332	0.18555
240.8	0.0006503	0.42798	0.0153	0.048908568	0.004998625	27.97254902	1.446732044	1.446732044	0.22164
146.6	0.0013695	0.24596	0.10296	0.021157877	0.003725856	2.388888889	0.37819595	0.37819595	0.17446
154.6	0.0014202	0.23506	0.09574	0.020574699	0.003144956	2.455191143	0.390085309	0.390085309	0.1654
289	0.0020018	0.1504	0.07348	0.012416068	0.001939845	2.04681546	0.311078689	0.311078689	0.11194
112.8	0.0030469	0.2416	0.06418	0.033633001	0.009321373	3.76441259	0.575697217	0.575697217	0.15289
180	0.0031797	0.08184	0.167	0.01634402	0.004599592	0.49005988	-0.30975085	0.30975085	0.12442
171	0.00345	0.24812	0.10072	0.027113797	0.003379608	2.463463066	0.391546055	0.391546055	0.17442
147	0.0036635	1.2612	0.3299	0.171441645	0.009254526	3.82297666	0.582401647	0.582401647	0.79555
130	0.0038374	1.22986	0.34362	0.167515158	0.020229354	3.579128107	0.553777243	0.553777243	0.78674
185	0.0050117	0.57618	0.17182	0.080971981	0.003324793	3.353393086	0.525484465	0.525484465	0.374
514	0.0073656	0.23976	0.08318	0.035281362	0.004040792	2.88242366	0.459757814	0.459757814	0.16147
223	0.0212526	0.2715	0.10842	0.049630132	0.002050732	2.504150526	0.398660431	0.398660431	0.18996