

Feature #	m/z	RT	FC	log2(FC)	raw.pval	FDR adjusted	Short ID
1299	814.6329	14.73945	0.13966	-2.84	0.000166	0.43288	PC(38:2)
3472	914.5425	24.59988	0.3084	-1.6971	0.000236	0.205397	
1280	814.633	14.99347	0.26675	-1.9065	0.000871	0.568522	PC(38:2)
2991	1174.791	31.86965	0.34684	-1.5277	0.001732	0.904421	CL(50:0)
2947	722.5105	28.00696	0.3749	-1.4154	0.002429	1	PE(P-36:5)
2327	1233.848	31.82244	0.22093	-2.1783	0.003575	1	
3154	820.6549	15.5586	0.40052	-1.32	0.003868	1	
2562	1233.848	31.81339	0.20263	-2.3031	0.005147	1	
2369	1006.636	27.45407	0.21073	-2.2466	0.005404	1	
4129	380.8331	32.45385	0.37374	-1.4199	0.00672	1	
3166	1550.209	15.23505	0.10784	-3.213	0.006859	1	CL(78:0)
363	785.5866	15.5675	0.41812	-1.258	0.007912	1	PE(38:4)
3770	1006.636	27.94557	0.19498	-2.3586	0.008492	1	
4291	749.6262	24.32968	0.29166	-1.7777	0.008633	1	PE(O-36:1)
1161	1224.803	27.96628	0.44834	-1.1573	0.008788	1	
2498	820.6549	15.57486	0.38718	-1.3689	0.009279	1	
2557	1621.197	27.75514	0.10265	-3.2842	0.009655	1	
1648	1467.009	32.04239	3.1574	1.6588	0.009886	1	CL(72:8)
1345	865.8023	25.29234	2.026	1.0186	0.010126	1	
3622	1494.141	32.42368	0.39287	-1.3479	0.010148	1	CL(74:0)
4309	815.6357	14.81104	0.34835	-1.5214	0.010584	1	PC(37:3)
1695	1621.197	27.77078	0.10893	-3.1985	0.011908	1	
1569	1155.865	24.23256	0.47406	-1.0769	0.01355	1	
1822	1004.63	27.68436	0.43616	-1.1971	0.013741	1	
1557	1542.026	28.38132	2.4591	1.2981	0.01395	1	
1463	1524.194	15.86755	0.23477	-2.0907	0.01493	1	
3668	1523.174	31.71586	0.30101	-1.7321	0.015374	1	
2809	844.6778	34.33316	0.38698	-1.3697	0.015676	1	PC(40:1)
1209	890.5426	27.18703	0.22929	-2.1247	0.017345	1	
2255	998.6842	31.94537	0.25286	-1.9836	0.017809	1	
1226	405.3548	27.58432	0.43996	-1.1846	0.018992	1	
3760	1006.636	27.46526	0.2512	-1.9931	0.019263	1	
3018	1577.217	15.06711	0.22564	-2.1479	0.01969	1	CL(79:2)
4107	844.679	34.43789	0.43941	-1.1864	0.020669	1	PE-Nme(42:1)
3430	1496.032	34.32715	2.209	1.1434	0.020817	1	PE(39:0)
2886	1516.007	28.75586	2.3292	1.2198	0.021161	1	
2176	1621.196	27.52772	0.1338	-2.9018	0.021301	1	
3136	790.6242	15.06812	0.4262	-1.2304	0.021374	1	
3056	1525.198	15.58724	0.1862	-2.4251	0.022725	1	
976	980.2633	24.74696	0.40427	-1.3066	0.023868	1	
1415	749.5892	14.12978	0.3006	-1.7341	0.024495	1	PC(32:1)
3716	1552.214	15.43915	0.29245	-1.7737	0.027501	1	
2854	1004.63	27.70717	0.45671	-1.1306	0.028299	1	
3740	789.611	31.30576	0.27674	-1.8534	0.029302	1	PE(38:2)
1647	1467.009	32.11813	2.9307	1.5512	0.029597	1	CL(72:8)
2476	1519.037	32.7923	2.1062	1.0746	0.029614	1	CL(76:10)
2058	843.6677	21.19209	0.34564	-1.5326	0.029935	1	PE(42:3)
3591	1149.777	33.13192	0.39444	-1.3421	0.031373	1	

3703	748.5861	14.0809	0.42893	-1.2212	0.032071	1	PE(36:0)
1386	955.6178	32.7929	2.3592	1.2383	0.032286	1	
677	754.5925	28.44314	0.3883	-1.3648	0.033994	1	PG(O-34:0)
705	1005.633	27.64443	0.39288	-1.3478	0.03416	1	
1363	1551.212	15.43339	0.25269	-1.9845	0.034263	1	
4466	929.6025	32.72561	0.40798	-1.2934	0.034478	1	
2823	381.2941	31.6383	0.4224	-1.2433	0.035093	1	
2884	956.6287	15.8191	0.28795	-1.7961	0.036059	1	PI(42:6)
1670	957.6335	15.43628	0.056933	-4.1346	0.037095	1	
1680	381.8011	15.70146	0.41856	-1.2565	0.037404	1	
1567	957.6326	15.77882	0.36869	-1.4395	0.037676	1	
1899	1539.008	27.22972	2.8311	1.5013	0.038088	1	CL(78:14)
1655	846.6223	25.95805	0.47233	-1.0821	0.038317	1	PS(40:1)
1304	734.5701	13.49471	2.2821	1.1904	0.038615	1	PC(32:0)
1150	1224.804	27.56426	0.41547	-1.2672	0.040406	1	
1741	202.6617	27.69458	0.4333	-1.2066	0.041306	1	
2604	1497.15	32.67889	0.23595	-2.0835	0.041714	1	CL(73:0)
3107	842.5236	31.45648	0.33019	-1.5986	0.045006	1	
1829	1496.147	32.43288	0.40848	-1.2917	0.046265	1	
3142	814.6329	14.71548	0.31155	-1.6825	0.046423	1	PC(38:2)
2216	1149.777	33.05973	0.33391	-1.5825	0.046514	1	
2771	1540.011	26.85571	0.41683	-1.2625	0.047434	1	
3446	1516.007	28.81365	2.2273	1.1553	0.048227	1	
3224	1468.013	32.39941	3.1057	1.6349	0.049675	1	

Supplementary material 3 (DOCX 24 kb)

72 significant ($p < 0.05$) features identified in the cortex with almost all compounds being downregulated in the Kv1.1 -/- compared to the WT. Retention times and m/z have been included