

Table S1-2 Differentially expressed metabolites obtained in the positive ion mode.										
	mz	rt	rtmin	mean Of_Control	mean Of_ΔsclR	sd Of_Control	sd Of_ΔsclR	p value	q value	log2fc_ΔsclR/Control
1314	171.6459243	343.013	5.72	0.095237336	1.78612882	0.011601485	0.017829664	7.9122E-05	0.195826965	4.229165066
1247	171.6025535	1002.22	16.7	0.088020965	0.002032304	0.001440908	0.001228011	0.000242284	0.258530677	-5.436659053
1222	171.5973513	191.257	3.19	1.071027631	0.041480611	0.024856588	0.006840123	0.000313371	0.258530677	-4.690414762
1925	200.935888	282.3965	4.71	0.040879844	0.297237094	0.003753196	0.006981409	0.000477651	0.275055758	2.862152571
1264	171.6107955	357.457	5.96	0.065551589	1.23750555	0.026708876	0.028535997	0.000555668	0.275055758	4.238660433
1272	171.6164316	1010.74	16.85	0.005514682	0.106647579	0.002449742	0.00314556	0.000776178	0.295405804	4.273429833
2383	370.1990467	862.357	14.37	0.145683423	0.073391579	0.002861485	0.001262862	0.000934653	0.295405804	-0.989150289
1299	171.633974	760.284	12.67	1.434443308	0.064656195	0.03800641	0.046660878	0.000963721	0.295405804	-4.471558533
2401	396.3289791	888.864	14.81	0.00690275	0.010722201	0.00013872	0.000110221	0.001074203	0.295405804	0.635357946
1180	171.5519194	338.018	5.63	0.032943131	1.163044341	0.007045637	0.057936025	0.001330886	0.329394284	5.141784633
1252	171.6138606	789.1965	13.15	0.050662414	0.745988639	0.023838706	0.030842811	0.001567795	0.33723913	3.880165932
165	73.06418757	109.9665	1.83	0.505896983	0.252728307	0.015212752	0.000935355	0.001807281	0.33723913	-1.001256372
1313	171.6354746	215.9	3.6	0.050272162	0.848516987	0.020218838	0.045811262	0.001961799	0.33723913	4.077111917
1946	200.9499895	628.4865	10.47	0.405159212	0.040976791	0.021912162	0.00956602	0.002148139	0.33723913	-3.305610048
46	61.03897065	595.04	9.92	0.117474677	0.321311724	0.013446728	0.00172205	0.002204266	0.33723913	1.451623828
2474	746.5984227	870.729	14.51	0.021031884	0.098572284	0.000730337	0.005207419	0.00229152	0.33723913	2.228603965
1989	205.0672317	135.02	2.25	0.062101997	0.02459293	0.002324161	0.001361692	0.002568708	0.33723913	-1.336396034
1195	171.5755436	149.407	2.49	0.039948282	1.045986738	0.031611782	0.067148651	0.002710104	0.33723913	4.710587306
1294	171.6360898	42.44775	0.71	0.048238492	1.146681966	0.014785275	0.079955712	0.002728573	0.33723913	4.57113671
1096	145.0488175	179.465	2.99	0.072438857	0.227940051	0.011558113	0.001082031	0.002774951	0.33723913	1.65381875
1876	200.8969538	76.6016	1.28	0.047639505	0.283815146	0.008674989	0.015950876	0.002942254	0.33723913	2.574721266
1192	171.5758891	162.432	2.71	0.023463328	1.063109095	0.013795282	0.07950616	0.002998652	0.33723913	5.501738215
806	103.0384262	62.2762	1.04	0.023801523	0.060378082	0.002512734	0.001452998	0.003133939	0.33723913	1.342971025
1201	171.5839328	345.585	5.76	0.0513596	1.358601271	0.022343902	0.108975733	0.003601232	0.369047316	4.725344346
1280	171.6165097	582.962	9.72	0.044967807	1.167339041	0.018882897	0.097544597	0.003895268	0.369047316	4.698187315
1227	171.598375	300.288	5	1.348467321	0.086732942	0.112874983	0.002945682	0.003980395	0.369047316	-3.958596702
2327	321.1285037	476.143	7.94	0.033375989	0.109129117	0.003684313	0.005736962	0.004025971	0.369047316	1.709153589
1944	200.9527111	100.489	1.67	0.137370986	0.071782653	0.005387386	0.003605508	0.004848892	0.41382788	-0.936370171
1731	186.7692285	234.5395	3.91	0.018321929	0.028221978	0.00080681	0.000595529	0.005090884	0.419997937	0.623247677
1221	171.5981208	358.843	5.98	1.283956806	0.068028237	0.111686859	0.067302612	0.005701226	0.447708117	-4.238319157
2145	245.1844454	390.5785	6.51	0.605502162	2.647517175	0.195386707	0.109801785	0.005969442	0.447708117	2.128436028
882	112.8950189	85.7392	1.43	0.043808104	0.025190616	0.001041887	0.002040745	0.007488611	0.515030981	-0.798311387
129	64.01507532	323.695	5.39	0.47387295	0.870431723	0.034301506	0.036901434	0.007974077	0.515030981	0.877230828
1391	182.0802518	216.284	3.6	5.177293778	3.132834319	0.112301911	0.237001753	0.00812765	0.515030981	-0.72472971
2087	221.0409922	108.073	1.8	0.145622761	0.051637309	0.00996194	0.006823599	0.00815221	0.515030981	-1.495750144
2073	218.1567102	272.084	4.53	0.046130939	0.030701956	0.00048817	0.001931124	0.008230577	0.515030981	-0.587404072
1414	186.6204879	149.407	2.49	0.017629904	0.030461226	0.001035815	0.001337961	0.008582957	0.515030981	0.78894939
2436	452.1727617	703.915	11.73	0.038486058	0.009107859	0.003933525	7.16151E-05	0.008847769	0.515030981	-2.079152106
2454	510.7214119	398.491	6.64	0.096470422	0.148694563	0.002121042	0.006730277	0.009005738	0.515030981	0.624193317
2224	279.1685366	420.876	7.01	0.179453307	1.247463418	0.10940899	0.09595747	0.009156106	0.515030981	2.797317098
814	104.9870854	76.5874	1.28	3.620959908	0.013875136	0.52538823	0.004115134	0.010442399	0.538725574	-8.02772648
1397	183.1005982	612.307	10.21	0.007246558	0.022482843	0.000660414	0.002140427	0.010634923	0.538725574	1.633456641
1250	171.6073197	102.968	1.72	0.107547177	3.559129658	0.055152134	0.506780004	0.010731266	0.538725574	5.048482929
2453	496.6502686	100.414	1.67	0.059748282	0.021626624	0.005550112	0.001108496	0.010842001	0.538725574	-1.466088758
2282	299.050277	529.132	8.82	0.014380005	0.026026212	0.001385681	0.00103976	0.010883345	0.538725574	0.855901222
2440	460.2660964	788.561	13.14	0.082007951	0.325039694	0.022405728	0.029714925	0.011522184	0.558867414	1.986780215
1014	132.1011207	220.033	3.67	11.09516509	5.768430061	0.381662978	0.729784471	0.011741861	0.558867414	-0.943680502
2303	316.1736379	476.143	7.94	0.025655064	0.086390749	0.000303333	0.009523546	0.012083485	0.563349036	1.751633236
940	129.1266224	137.76	2.3	0.162169174	0.369431637	0.033766189	0.003125881	0.013121542	0.579925296	1.187807814
1664	186.7231244	349.838	5.83	0.056682694	0.136495551	0.013165339	0.000755071	0.013376181	0.580807858	1.267873708
1913	200.9295312	703.708	11.73	0.041447833	0.217132142	0.017693159	0.024897219	0.01477872	0.610521796	2.389204737

1353	171.6901052	654.789	10.91	0.059453649	0.038431789	0.001444346	0.003385061	0.014981444	0.610521796	-0.629465242
2441	461.2690646	788.652	13.14	0.009256042	0.050272276	0.0069482	0.002094354	0.015293879	0.610521796	2.44129569
1239	171.6013676	460.655	7.68	1.494542449	0.181170747	0.128364661	0.203593936	0.01637983	0.625910554	-3.044281946
1884	200.9124752	76.6156	1.28	0.371269896	0.051339184	0.058930896	0.012308093	0.017247914	0.626395985	-2.854336068
2430	430.1910537	703.99	11.73	0.028919232	0.008041652	0.003927082	0.000273899	0.017316539	0.626395985	-1.846465494
1200	171.5832316	579.143	9.65	1.158423639	0.011008978	0.216827302	0.00048388	0.017390577	0.626395985	-6.717338592
2165	256.0802114	100.462	1.67	0.058662743	0.140568176	0.00353904	0.015101723	0.017463161	0.626395985	1.26075357
2451	496.6171761	107.912	1.8	0.031005757	0.100934591	0.004558092	0.012813965	0.018393127	0.641000625	1.702812656
1903	200.9272511	656.75	10.95	0.0148857	0.284195231	0.009501767	0.051872449	0.018637928	0.641000625	4.254883372
1645	186.7169138	231.921	3.87	0.09309342	0.172802246	0.015814713	0.000782458	0.019165274	0.641000625	0.892370868
1667	186.7242633	466.8615	7.78	0.138416655	0.061637317	0.004571741	0.014769955	0.019679102	0.641000625	-1.167141576
2054	217.1785694	394.953	6.58	0.19952569	0.417894062	0.037271461	0.024838173	0.02039373	0.641000625	1.066562748
2462	537.1598664	898.972	14.98	0.025751967	0.008891879	0.003370186	0.001001376	0.021057739	0.641000625	-1.534122465
1691	186.7344054	431.239	7.19	0.040390107	0.161108966	0.017662018	0.018549214	0.021775516	0.641000625	1.99596293
604	89.50623656	839.664	13.99	0.112983941	0.069704663	0.001587349	0.00914209	0.022219539	0.641000625	-0.696790658
933	127.0382276	64.8414	1.08	0.022959253	0.0397959	0.001045117	0.003455476	0.022223937	0.641000625	0.793544082
2422	416.2111731	788.652	13.14	0.004655353	0.023288504	0.003493462	0.001939011	0.022226453	0.641000625	2.32265565
2334	329.1107862	313.206	5.22	0.019643726	0.118930868	0.000534452	0.021315744	0.022291753	0.641000625	2.597982736
1323	171.6559658	2.8187	0.05	0.032277608	0.080926486	0.004890509	0.00924009	0.022320161	0.641000625	1.326078274
1261	171.6052081	940.4	15.67	0.017478997	0.08705261	0.004240391	0.014370656	0.022412801	0.641000625	2.316265152
1271	171.6206252	415.0255	6.92	0.045657665	1.623836468	0.009482184	0.366867758	0.025988154	0.727456574	5.152405475
1136	161.0589655	540.997	9.02	0.032480006	0.016465644	0.002654037	0.002630407	0.026159044	0.727456574	-0.980092981
2438	453.164688	789.4855	13.16	0.048549949	0.137901353	0.015690077	0.013990928	0.026578321	0.728663793	1.506094926
1249	171.6065427	77.8873	1.3	0.086680484	1.91635773	0.080405047	0.426361347	0.026983205	0.728663793	4.466515877
2291	307.1517255	703.99	11.73	0.030083773	0.007313382	0.001876977	0.00507426	0.027085684	0.728663793	-2.040374989
2119	233.1481544	237.031	3.95	0.198517462	0.434428947	0.042421014	0.038809348	0.028437866	0.737772572	1.129854321
804	103.0384417	10.7312	0.18	0.022558204	0.049213551	0.002092593	0.00617379	0.02862654	0.737772572	1.125403425
1178	171.5559087	843.865	14.06	0.01984696	1.037266193	0.009365242	0.250127059	0.028954265	0.737772572	5.707724325
49	61.03899568	802.893	13.38	0.048720577	0.146952185	0.018851273	0.015462667	0.029449128	0.737772572	1.592743686
1874	200.8517797	395.409	6.59	0.234105999	0.04269341	0.00403536	0.047342898	0.029454905	0.737772572	-2.455076598
1892	200.9256703	577.726	9.63	0.330705738	0.091512763	0.013410838	0.057901357	0.029510903	0.737772572	-1.853503205
1204	171.5898786	75.322	1.26	1.30559174	0.061813515	0.318346726	0.013556156	0.031283263	0.766594813	-4.40063773
1403	186.6076966	713.0055	11.88	0.028504515	0.013152538	0.001431075	0.003750665	0.032529783	0.780719039	-1.115849291
2185	264.8631883	84.4567	1.41	0.019091377	0.012157024	0.000811508	0.001630569	0.032805972	0.780719039	-0.65113108
912	121.0640439	51.6765	0.86	0.087033659	0.053061797	0.009141248	0.00133889	0.035046984	0.809454593	-0.713899921
1693	186.7275644	643.6195	10.73	0.079715846	0.036282297	0.008536779	0.008327099	0.035688304	0.809454593	-1.135600749
389	81.52010096	225.878	3.76	1.570862619	0.526483519	0.234946564	0.167610839	0.036126052	0.809454593	-1.577096739
1309	171.6444577	749.469	12.49	0.074515681	1.294528066	0.048952127	0.334460617	0.036305419	0.809454593	4.118738377
1846	199.1682853	774.279	12.9	0.159640716	0.099326122	0.012639993	0.010931768	0.036306807	0.809454593	-0.684583571
1703	186.7350169	976.346	16.27	0.004218625	0.001707839	0.000287979	0.000641314	0.037034439	0.809454593	-1.304601295
2413	402.3181618	786.586	13.11	0.008177743	0.012758716	0.001045728	0.000750764	0.037290037	0.809454593	0.64170855
2421	415.2088138	788.584	13.14	0.028240263	0.142421193	0.006537707	0.031445188	0.037358362	0.809454593	2.334338413
1496	186.6680446	722.106	12.04	0.067538355	0.166316416	0.015452908	0.023395703	0.038004349	0.809454593	1.300151629
1638	186.718542	772.9635	12.88	0.101249121	0.066372016	0.005797464	0.008113578	0.038527847	0.809454593	-0.609262382
833	107.9662044	475.83	7.93	0.294012987	0.193215925	0.0156724	0.024242153	0.038647255	0.809454593	-0.605665875
356	80.04889981	609.4135	10.16	0.814033378	1.236080821	0.008866966	0.121158073	0.039017489	0.809454593	0.602613221
474	83.05989701	162.432	2.71	0.52261859	1.665330968	0.04035269	0.328047405	0.03937621	0.809454593	1.671978579
2177	261.1809893	739.0215	12.32	0.014527646	0.051952684	0.005271712	0.009506811	0.039690108	0.809454593	1.838397317
44	61.03896936	108.5945	1.81	2.03786317	3.258128819	0.166857726	0.31520064	0.040154574	0.809454593	0.67698646
1563	186.6960536	471.603	7.86	0.288631076	0.13423649	0.036610303	0.026453826	0.04022744	0.809454593	-1.104449738
1046	132.1011028	542.646	9.04	0.374997054	0.09152151	0.070899736	0.046053593	0.0417111	0.822507272	-2.034696502
782	102.0333251	697.328	11.62	0.892697187	0.544883381	0.047390901	0.093157593	0.042306378	0.822507272	-0.712223391
2393	387.1433327	91.8908	1.53	0.02970808	0.013355069	0.003848818	0.003086081	0.042616053	0.822507272	-1.153467914

1393	183.0853764	91.8908	1.53	0.277069135	0.131471681	0.03660412	0.025320168	0.04368516	0.822507272	-1.075493933
2156	251.1627708	752.091	12.53	0.024325869	0.09862229	0.003024939	0.022655174	0.044205772	0.822507272	2.019422409
2248	290.1457358	323.795	5.4	0.171886981	0.272954552	0.02803217	0.013922042	0.044757249	0.822507272	0.667200481
1052	132.1231743	219.972	3.67	0.043136772	8.002338522	0.002867686	2.465014683	0.04476341	0.822507272	7.535359629
1095	145.0486492	14.687	0.24	0.202375886	0.72218577	0.120231905	0.109060203	0.045460309	0.822507272	1.835332601
2431	432.2353008	788.547	13.14	0.091527229	0.638871488	0.016266173	0.171614966	0.046186713	0.822507272	2.803252854
70	61.03898392	729.2455	12.15	0.088549126	0.223458777	0.014388328	0.040326437	0.046851195	0.822507272	1.33545874
1595	186.705316	777.179	12.95	0.102784194	0.204025805	0.030944864	0.009271316	0.047321023	0.822507272	0.989133212
1927	200.9374086	377.012	6.28	0.064554852	0.207647006	0.024134957	0.038897658	0.047551518	0.822507272	1.685535642
1567	186.697076	76.6016	1.28	0.163908671	0.327690846	0.001005969	0.052597784	0.047909021	0.822507272	0.999443197
1461	186.6593915	873.916	14.57	0.022776569	0.067479051	0.014022752	0.003099769	0.047925642	0.822507272	1.566889244
2280	297.2407374	735.097	12.25	0.094613816	0.041166824	0.015871625	0.00655599	0.047934894	0.822507272	-1.200568719
2435	451.1693504	703.912	11.73	0.226611309	0.052198485	0.056032295	0.001737607	0.047968204	0.822507272	-2.118140034
1614	186.7113134	101.6875	1.69	0.327469118	0.149162619	0.057545572	0.001158503	0.048352228	0.822507272	-1.134472829
2231	281.0998478	453.9845	7.57	0.010044933	0.023641631	0.002442254	0.003676047	0.048851947	0.822507272	1.234861699
1873	200.8529255	196.318	3.27	0.262093144	0.056782196	0.000356895	0.067251057	0.049684084	0.830865587	-2.206569078