

Table S6. The partial correlation between sphingomyelin related metabolites and clinical phenotypes in patients with TOF in right atrial biopsies.

source	target	pearson_corr	weight
LIPID.N.0465	LIPID.P.0689	0.526	0.526
LIPID.N.0465	LIPID.N.0397	0.722	0.722
LIPID.N.0465	LIPID.N.0429	0.768	0.768
LIPID.N.0465	LIPID.P.0398	0.524	0.524
LIPID.N.0465	LIPID.N.0188	0.493	0.493
LIPID.N.0465	LIPID.N.0196	0.598	0.598
LIPID.N.0465	LIPID.N.0151	0.706	0.706
LIPID.N.0465	LIPID.N.0152	0.685	0.685
LIPID.P.0048	EF	0.085	0.085
LIPID.N.0188	EF	0.101	0.101
LIPID.P.0039	EF	0.143	0.143
LIPID.N.0465	EF	0.200	0.200
LIPID.P.0689	LIPID.N.0397	0.476	0.476
LIPID.P.0689	LIPID.N.0429	0.302	0.302
LIPID.P.0689	LIPID.P.0398	0.663	0.663
LIPID.P.0689	LIPID.N.0188	0.927	0.927
LIPID.P.0689	LIPID.N.0196	0.699	0.699
LIPID.P.0689	LIPID.N.0151	0.792	0.792
LIPID.P.0689	LIPID.N.0152	0.797	0.797
LIPID.P.0013	EF	0.264	0.264
LIPID.P.0555	EF	0.362	0.362
LIPID.P.0037	EF	0.374	0.374
LIPID.N.0397	LIPID.N.0429	0.523	0.523
LIPID.N.0397	LIPID.P.0398	0.746	0.746
LIPID.N.0397	LIPID.N.0188	0.430	0.430
LIPID.N.0397	LIPID.N.0196	0.521	0.521
LIPID.N.0397	LIPID.N.0151	0.613	0.613
LIPID.N.0397	LIPID.N.0152	0.681	0.681
LIPID.N.0397	LIPID.P.0505	0.072	0.072
LIPID.N.0397	LIPID.P.0508	0.179	0.179
LIPID.N.0397	LIPID.P.0520	0.136	0.136
LIPID.N.0397	LIPID.P.0111	0.165	0.165
LIPID.P.0047	EF	0.481	0.481
LIPID.P.0035	EF	0.511	0.511
LIPID.N.0188	IVS	0.459	0.459
LIPID.N.0429	LIPID.P.0398	0.123	0.123
LIPID.N.0429	LIPID.N.0188	0.129	0.129
LIPID.N.0429	LIPID.N.0196	0.356	0.356

<b>LIPID.N.0429</b>	LIPID.N.0151	0.447	0.447
<b>LIPID.N.0429</b>	LIPID.N.0152	0.474	0.474
<b>LIPID.P.0689</b>	IVS	0.490	0.490
<b>LIPID.P.0398</b>	IVS	0.501	0.501
<b>LIPID.N.0429</b>	IVS	0.549	0.549
<b>LIPID.N.0196</b>	IVS	0.556	0.556
<b>LIPID.P.0398</b>	LIPID.N.0188	0.685	0.685
<b>LIPID.P.0398</b>	LIPID.N.0196	0.678	0.678
<b>LIPID.P.0398</b>	LIPID.N.0151	0.681	0.681
<b>LIPID.P.0398</b>	LIPID.N.0152	0.744	0.744
<b>LIPID.P.0398</b>	LIPID.P.0505	0.244	0.244
<b>LIPID.P.0398</b>	LIPID.P.0508	0.313	0.313
<b>LIPID.P.0398</b>	LIPID.P.0520	0.319	0.319
<b>LIPID.P.0398</b>	LIPID.P.0567	0.120	0.120
<b>LIPID.P.0398</b>	LIPID.P.0111	0.350	0.350
<b>LIPID.P.0398</b>	LIPID.P.0039	0.021	0.021
<b>LIPID.N.0465</b>	IVS	0.636	0.636
<b>LIPID.N.0152</b>	IVS	0.641	0.641
<b>LIPID.N.0151</b>	IVS	0.651	0.651
<b>LIPID.N.0188</b>	LIPID.N.0196	0.702	0.702
<b>LIPID.N.0188</b>	LIPID.N.0151	0.800	0.800
<b>LIPID.N.0188</b>	LIPID.N.0152	0.779	0.779
<b>RVOTd</b>	IVS	0.678	0.678
<b>LIPID.N.0397</b>	IVS	0.737	0.737
<b>RVAW</b>	IVS	0.877	0.877
<b>EF</b>	McGoon	0.133	0.133
<b>LIPID.N.0196</b>	LIPID.N.0151	0.934	0.934
<b>LIPID.N.0196</b>	LIPID.N.0152	0.931	0.931
<b>LIPID.N.0196</b>	LIPID.P.0007	0.015	0.015
<b>LIPID.P.0007</b>	McGoon	0.187	0.187
<b>LIPID.P.0010</b>	McGoon	0.194	0.194
<b>LIPID.P.0508</b>	McGoon	0.247	0.247
<b>LIPID.N.0151</b>	LIPID.N.0152	0.976	0.976
<b>RVOT</b>	McGoon	0.258	0.258
<b>LIPID.P.0111</b>	McGoon	0.305	0.305
<b>LIPID.P.0520</b>	McGoon	0.307	0.307
<b>LIPID.P.0505</b>	McGoon	0.350	0.350
<b>LIPID.P.0013</b>	McGoon	0.428	0.428
<b>LIPID.P.0567</b>	McGoon	0.461	0.461
<b>LIPID.P.0505</b>	LIPID.P.0508	0.870	0.870
<b>LIPID.P.0505</b>	LIPID.P.0520	0.980	0.980
<b>LIPID.P.0505</b>	LIPID.P.0555	0.583	0.583
<b>LIPID.P.0505</b>	LIPID.P.0567	0.873	0.873

<b>LIPID.P.0505</b>	LIPID.P.0111	0.947	0.947
<b>LIPID.P.0505</b>	LIPID.P.0010	0.029	0.029
<b>LIPID.P.0505</b>	LIPID.P.0013	0.301	0.301
<b>LIPID.P.0505</b>	LIPID.P.0035	0.480	0.480
<b>LIPID.P.0505</b>	LIPID.P.0037	0.594	0.594
<b>LIPID.P.0505</b>	LIPID.P.0039	0.811	0.811
<b>LIPID.P.0505</b>	LIPID.P.0047	0.429	0.429
<b>LIPID.P.0505</b>	LIPID.P.0048	0.820	0.820
<b>LIPID.P.0035</b>	McGoon	0.479	0.479
<b>LIPID.P.0048</b>	McGoon	0.511	0.511
<b>LIPID.P.0508</b>	LIPID.P.0520	0.931	0.931
<b>LIPID.P.0508</b>	LIPID.P.0555	0.385	0.385
<b>LIPID.P.0508</b>	LIPID.P.0567	0.891	0.891
<b>LIPID.P.0508</b>	LIPID.P.0111	0.945	0.945
<b>LIPID.P.0508</b>	LIPID.P.0007	0.230	0.230
<b>LIPID.P.0508</b>	LIPID.P.0010	0.321	0.321
<b>LIPID.P.0508</b>	LIPID.P.0013	0.339	0.339
<b>LIPID.P.0508</b>	LIPID.P.0035	0.351	0.351
<b>LIPID.P.0508</b>	LIPID.P.0037	0.396	0.396
<b>LIPID.P.0508</b>	LIPID.P.0039	0.677	0.677
<b>LIPID.P.0508</b>	LIPID.P.0047	0.260	0.260
<b>LIPID.P.0508</b>	LIPID.P.0048	0.695	0.695
<b>LIPID.P.0039</b>	McGoon	0.514	0.514
<b>LIPID.P.0555</b>	McGoon	0.570	0.570
<b>LIPID.P.0047</b>	McGoon	0.629	0.629
<b>LIPID.P.0520</b>	LIPID.P.0555	0.467	0.467
<b>LIPID.P.0520</b>	LIPID.P.0567	0.887	0.887
<b>LIPID.P.0520</b>	LIPID.P.0111	0.956	0.956
<b>LIPID.P.0520</b>	LIPID.P.0007	0.074	0.074
<b>LIPID.P.0520</b>	LIPID.P.0010	0.161	0.161
<b>LIPID.P.0520</b>	LIPID.P.0013	0.292	0.292
<b>LIPID.P.0520</b>	LIPID.P.0035	0.381	0.381
<b>LIPID.P.0520</b>	LIPID.P.0037	0.483	0.483
<b>LIPID.P.0520</b>	LIPID.P.0039	0.734	0.734
<b>LIPID.P.0520</b>	LIPID.P.0047	0.316	0.316
<b>LIPID.P.0520</b>	LIPID.P.0048	0.748	0.748
<b>Pre_SPO2</b>	McGoon	0.654	0.654
<b>LIPID.P.0037</b>	McGoon	0.658	0.658
<b>LIPID.P.0555</b>	LIPID.P.0567	0.416	0.416
<b>LIPID.P.0555</b>	LIPID.P.0111	0.547	0.547
<b>LIPID.P.0555</b>	LIPID.P.0013	0.550	0.550
<b>LIPID.P.0555</b>	LIPID.P.0035	0.928	0.928
<b>LIPID.P.0555</b>	LIPID.P.0037	0.975	0.975

LIPID.P.0555	LIPID.P.0039	0.925	0.925
LIPID.P.0555	LIPID.P.0047	0.916	0.916
LIPID.P.0555	LIPID.P.0048	0.903	0.903
LIPID.P.0007	Pre_SPO2	0.178	0.178
LIPID.P.0010	Pre_SPO2	0.240	0.240
LIPID.P.0508	Pre_SPO2	0.289	0.289
LIPID.P.0567	LIPID.P.0111	0.884	0.884
LIPID.P.0567	LIPID.P.0007	0.109	0.109
LIPID.P.0567	LIPID.P.0010	0.210	0.210
LIPID.P.0567	LIPID.P.0013	0.282	0.282
LIPID.P.0567	LIPID.P.0035	0.334	0.334
LIPID.P.0567	LIPID.P.0037	0.452	0.452
LIPID.P.0567	LIPID.P.0039	0.692	0.692
LIPID.P.0567	LIPID.P.0047	0.293	0.293
LIPID.P.0567	LIPID.P.0048	0.715	0.715
LIPID.P.0111	Pre_SPO2	0.325	0.325
LIPID.P.0035	Pre_SPO2	0.328	0.328
LIPID.P.0013	Pre_SPO2	0.404	0.404
LIPID.P.0111	LIPID.P.0007	0.003	0.003
LIPID.P.0111	LIPID.P.0010	0.092	0.092
LIPID.P.0111	LIPID.P.0013	0.317	0.317
LIPID.P.0111	LIPID.P.0035	0.488	0.488
LIPID.P.0111	LIPID.P.0037	0.538	0.538
LIPID.P.0111	LIPID.P.0039	0.808	0.808
LIPID.P.0111	LIPID.P.0047	0.370	0.370
LIPID.P.0111	LIPID.P.0048	0.790	0.790
LIPID.P.0520	Pre_SPO2	0.408	0.408
LIPID.P.0555	Pre_SPO2	0.427	0.427
LIPID.P.0007	LIPID.P.0010	0.990	0.990
LIPID.P.0007	LIPID.P.0013	0.544	0.544
LIPID.P.0007	LIPID.P.0035	0.001	0.001
LIPID.P.0039	Pre_SPO2	0.440	0.440
LIPID.P.0047	Pre_SPO2	0.470	0.470
LIPID.P.0505	Pre_SPO2	0.474	0.474
LIPID.P.0010	LIPID.P.0013	0.597	0.597
LIPID.P.0010	LIPID.P.0035	0.054	0.054
LIPID.P.0010	LIPID.P.0048	0.046	0.046
LIPID.P.0037	Pre_SPO2	0.488	0.488
LIPID.P.0048	Pre_SPO2	0.489	0.489
LIPID.P.0567	Pre_SPO2	0.520	0.520
LIPID.P.0013	LIPID.P.0035	0.759	0.759
LIPID.P.0013	LIPID.P.0037	0.621	0.621
LIPID.P.0013	LIPID.P.0039	0.534	0.534

<b>LIPID.P.0013</b>	LIPID.P.0047	0.688	0.688
<b>LIPID.P.0013</b>	LIPID.P.0048	0.578	0.578
<b>LIPID.P.0398</b>	RVAW	0.400	0.400
<b>LIPID.N.0196</b>	RVAW	0.462	0.462
<b>LIPID.N.0188</b>	RVAW	0.582	0.582
<b>LIPID.N.0152</b>	RVAW	0.585	0.585
<b>LIPID.P.0035</b>	LIPID.P.0037	0.923	0.923
<b>LIPID.P.0035</b>	LIPID.P.0039	0.852	0.852
<b>LIPID.P.0035</b>	LIPID.P.0047	0.920	0.920
<b>LIPID.P.0035</b>	LIPID.P.0048	0.831	0.831
<b>LIPID.P.0689</b>	RVAW	0.593	0.593
<b>LIPID.N.0429</b>	RVAW	0.616	0.616
<b>LIPID.N.0151</b>	RVAW	0.648	0.648
<b>LIPID.P.0037</b>	LIPID.P.0039	0.906	0.906
<b>LIPID.P.0037</b>	LIPID.P.0047	0.964	0.964
<b>LIPID.P.0037</b>	LIPID.P.0048	0.906	0.906
<b>LIPID.N.0397</b>	RVAW	0.661	0.661
<b>RVOTd</b>	RVAW	0.705	0.705
<b>LIPID.N.0465</b>	RVAW	0.742	0.742
<b>LIPID.P.0037</b>	RVOT	0.042	0.042
<b>LIPID.P.0039</b>	LIPID.P.0047	0.784	0.784
<b>LIPID.P.0039</b>	LIPID.P.0048	0.982	0.982
<b>LIPID.P.0567</b>	RVOT	0.042	0.042
<b>LIPID.P.0508</b>	RVOT	0.044	0.044
<b>LIPID.P.0048</b>	RVOT	0.055	0.055
<b>LIPID.P.0047</b>	LIPID.P.0048	0.800	0.800
<b>LIPID.P.0047</b>	RVOT	0.092	0.092
<b>Pre_SPO2</b>	RVOT	0.096	0.096
<b>LIPID.N.0429</b>	RVOT	0.215	0.215
<b>LIPID.P.0013</b>	RVOT	0.354	0.354
<b>LIPID.P.0007</b>	RVOT	0.484	0.484
<b>LIPID.P.0010</b>	RVOT	0.500	0.500
<b>LIPID.P.0398</b>	RVOTd	0.311	0.311
<b>LIPID.N.0397</b>	RVOTd	0.366	0.366
<b>LIPID.N.0196</b>	RVOTd	0.487	0.487
<b>LIPID.N.0465</b>	RVOTd	0.499	0.499
<b>LIPID.N.0188</b>	RVOTd	0.542	0.542
<b>LIPID.N.0151</b>	RVOTd	0.594	0.594
<b>LIPID.N.0152</b>	RVOTd	0.609	0.609
<b>LIPID.N.0429</b>	RVOTd	0.682	0.682
<b>LIPID.P.0689</b>	RVOTd	0.695	0.695