

Supp. Table S1

Cluster	Contig	From	To	Taille (bp)	Cluster type	Most similar known cluster (antiSMASH prediction)	Similarity	BGC expert annotation
1	C882_NODE_3 - Region 1	15 640	37 498	21 858	NRPS-like	Shinorine	100%	Shinorine
2	C882_NODE_3 - Region 2	245 505	310 129	64 624	NRPS/T1PKS/microviridin	Puwainaphycins	60%	Microginin
3	C882_NODE_3 - Region 3	640 730	684 201	43 471	NRPS-like	X	X	Unknwon
4	C882_NODE_3 - Region 4	1 403 211	1 493 957	90 746	NRPS/T1PKS	Hapalosin	40%	Peptide
5	C882_NODE_3 - Region 5	1 568 034	1 637 956	69 922	NRPS	Cyanopeptin	75%	Peptide
6	C882_NODE_7 - Region 1	82 074	126 088	44 014	T1PKS	Amycomicin	62%	Amycomicin-like
7	C882_NODE_7 - Region 2	166 759	210 645	43 886	NRPS	Micropeptin	62%	Unknwon
8	C882_NODE_7 - Region 3	264 995	311 442	46 447	T1PKS/bacteriocin	Jamaicamide	15%	Unknwon
9	C882_NODE_7 - Region 4	404 145	473 658	69 513	NRPS	Nostopeptolide	37%	Peptide
10	C882_NODE_7 - Region 5	560 196	581 026	20 830	Terpene	X	X	Carotenoid
11	C882_NODE_9 - Region 1	145 215	197 610	52 395	T1PKS/hglE-KS	Heterocyst glycolipids	85%	Heterocyst glycolipids
12	C882_NODE_9 - Region 2	335 457	345 690	10 233	Bacteriocin	X	X	Bacteriocin
13	C882_NODE_9 - Region 3	364 924	406 075	41 151	Ladderane	X	X	Ladderane
14	C882_NODE_12 - Region 1	482 095	502 947	20 852	Microviridin (bacteriocin)	Microviridin K	62%	Microviridin
15	C882_NODE_13 - Region 1	45 863	138 173	92 310	NRPS/T1PKS	Nostophycin	27%	Unknwon
16	C882_NODE_14 - Region 1	225 206	244 913	19 707	Terpene	6,6'-oxybis(2,4-dibromophenol) / bartolosides	21%	Unknwon
17	C882_NODE_14 - Region 2	305 160	326 092	20 932	Terpene	X	X	Carotenoid
18	C882_NODE_15 - Region 1	193 638	269 628	75 990	NRPS	Puwainaphycins	40%	Unknwon
19	C882_NODE_15 - Region 2	270 364	315 220	44 856	T1PKS	Carbamidocyclophane	30%	Unknwon
20	C882_NODE_16 - Region 1	202 309	253 885	51 576	NRPS/betalactone	X	X	Unknwon
21	C882_NODE_18 - Region 1	65 575	76 344	10 769	Bacteriocin	Welwitindolinone	6%	Bacteriocin

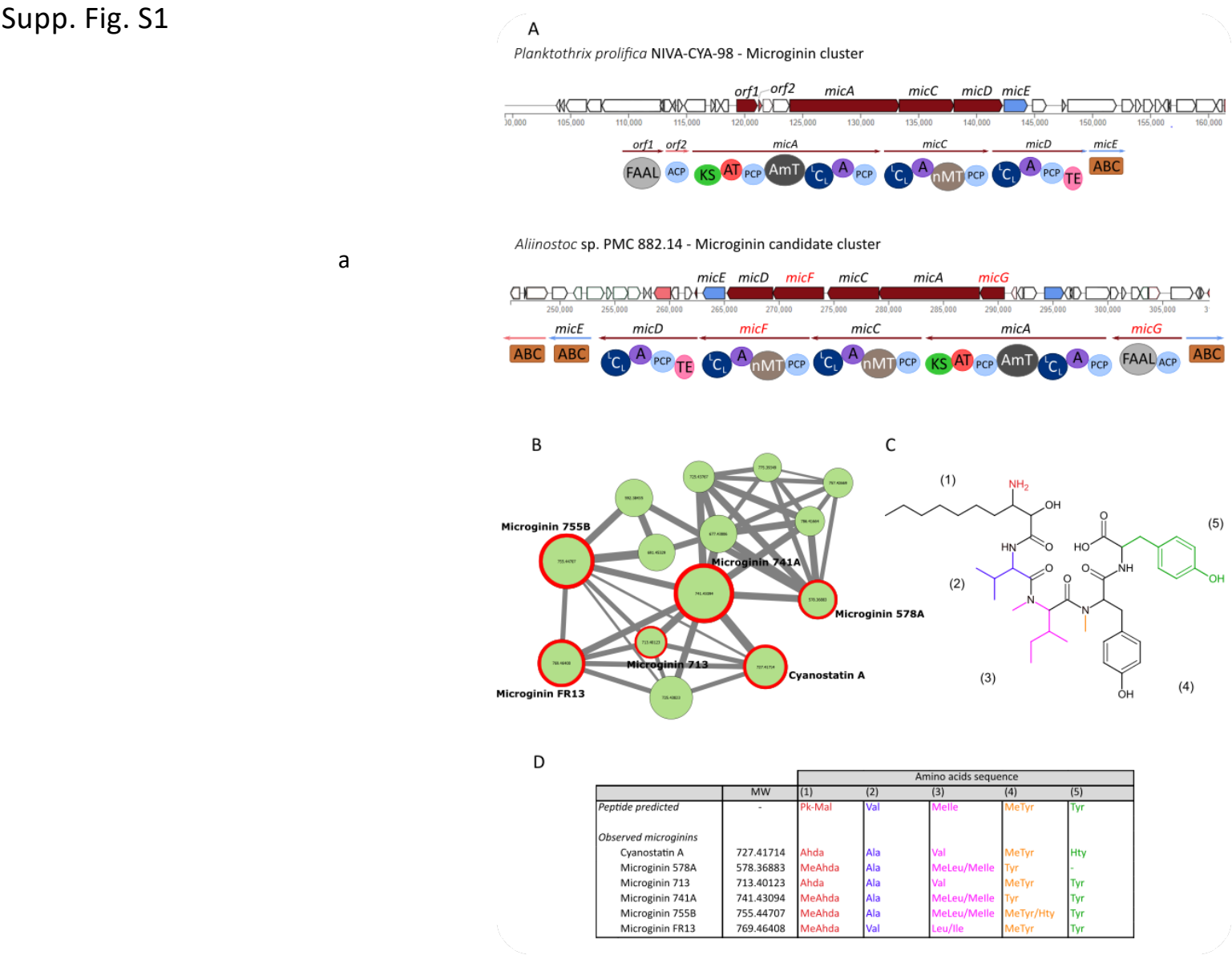
Supp. Table S2

Notes	m/z parent	SHARED_NAME	FEATURE_ID	RT
Tribenzylamin	226.12279	446	730	663
Gabapentin 1-(Aminomethyl)cycl	226.17985	1181	1953	1017
L-cysteic acid is the L-enantiomer	228.15998	857	1518	556
Linoleic acid	228.19584	634	1156	957
L-cysteic acid is the L-enantiomer	242.1762	1236	2054	603
Acide Glutamique	244.18975	880	1546	606
Rimantadine La rimantadine (DCI,	244.19047	1189	1963	1030
hydroxy-2-octylpentanedioic acid	246.16974	816	1465	472
Glu-cys	247.12837	80	211	125
Roccellic acid definition is - a cryst	256.15616	1254	2079	561
Glu-cys	261.14378	776	1416	225
Glu-cys	261.14393	777	1417	249
Acide roccelic : definition is - a cry	270.17153	838	1493	509
Lonidamine : is a derivative of ind	272.95879	1276	2106	43
Triphenylphosphine	280.22665	1016	1724	824
Triphenylphosphine	280.26224	1043	1765	855
Triphenylphosphine	280.26298	1116	1865	927
Roccellic acid : definition is - a cry	282.17129	1280	2111	563
Erucamide	282.27789	1173	1941	1001
Triphenylphosphine	282.27824	558	946	841
Erucamide	282.27853	1161	1925	987
Octadecadien-1-ol : (https://www	284.29421	688	1264	1028
D-erythro-C18-Sphingosine	297.24355	1296	2131	860
Erucamide	310.30831	1197	1971	1078
Monoerucin : (1-erucoylglycerol) i	310.30964	1190	1964	1034
Anhydrobrazilic Acid	317.14923	848	1506	527
Anhydrobrazilic Acid	317.14949	413	684	608
Phé-tyr	359.15998	338	569	478
Miconazole Le nitrate de miconaz	362.94136	1339	2186	48
dimethyl 2,4-bis(4-hydroxyphenyl	373.18471	1347	2195	826
dimethyl 2,4-bis(4-hydroxyphenyl	373.18548	1348	2196	1006
Eudesmin shows antiinflammator	402.3554	444	728	662
Sorbitane Monooleate	432.36778	668	1233	1007
Glycan Le-A Trisaccharide	479.18704	91	228	155
Glycan Le-A Trisaccharide	497.19705	75	200	116
tert-Octylphenol nonaglycol	532.382	533	888	799
Octadecatrienoic acid, 3-(hexopyr	535.3113	1426	2293	774
Octadecatrienoic acid, 3-(hexopyr	537.32793	1427	2294	835
Hexopyranosylhexopyranosyl)oxy	549.16738	1431	2299	61
Triphenylphosphine oxide	558.42033	432	710	634
tert-Octylphenol nonaglycol	576.40832	530	884	798

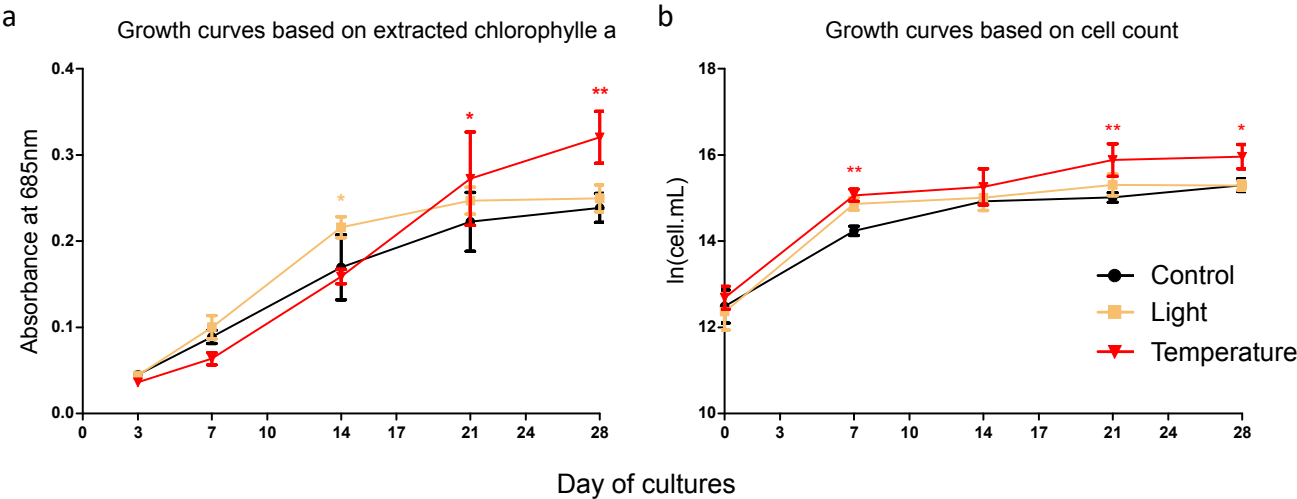
Supp. Table S3

Annotation	MW (Da)	RT (s)	p value (Annova condition)	Significant effect (Annova condition)	MB statistics	Meba Rank
Symplostatin/Dolastatin 1080	1080,51697	617,89	9,75E-17	*	10,755	1
	574,37337	483,15	1,41E-23	*	8,767	2
	591,23822	126,39	2,34E-14	*	8,4507	3
	383,27814	478,45	2,06E-16	*	8,3909	4
Phe-Tyr	358,15268	478,47	6,12E-18	*	4,2673	5
Symplostatin/Dolastatin 1098	1098,52527	617,9	1,55E-14	*	4,1965	6
Adenosine monophosphate	347,06289	108,5	3,25E-17	*	2,974	7
Tyr	181,07489	478,48	6,93E-16	*	2,9718	8
	916,46988	430	3,29E-17	*	2,7954	9
Microginin 755B	755,44607	483,11	1,22E-20	*	2,7903	10
Microviridin?	1724,73744	447	7,14E-15	*	2,569	11
Mycosporine gly	245,08273	67,05	3,71E-15	*	2,1385	12
Microginin 741A	741,43029	478,45	2,85E-19	*	1,9134	13
Microginin Cyanostatin A	727,41576	469,36	1,85E-18	*	1,0855	14
Microviridin K	1634,70176	417,91	5,55E-19	*	0,54826	15
	560,35775	478,46	5,13E-24	*	0,23169	16
	260,13694	233,62	7,80E-16	*	-0,02492	17
	231,92143	45,66	1,32E-26	*	-0,19771	18
	589,22293	136,33	3,18E-08	*	-0,34041	19
	397,29385	483,13	7,06E-19	*	-0,47849	20
Glu-Cys	246,12134	129,55	1,40E-18	*	-0,8154	21
Microginin FR13	769,46212	492,57	9,84E-12	*	-1,1977	22
Lipid-cluster	588,38921	492,62	1,03E-11	*	-1,7025	23
(2S)-1-O-Palmitoyl-3-O-?-D-galactopyranosylglycerol	492,32944	844,59	2,50E-12	*	-1,7978	24
	238,95991	45,36	1,72E-22	*	-1,9585	25
	496,19052	121,41	1,19E-07	*	-2,2128	26
	808,35856	483,18	1,41E-23	*	-2,6115	27
	210,10298	775,05	0,0004669	*	-2,7509	28
Microginin 725	725,43589	481,46	5,59E-13	*	-3,5675	29
	555,13068	108,69	3,41E-17	*	-3,6947	30
	2234,99902	617,93	7,69E-16	*	-3,8586	31
	575,72028	617,9	4,40E-13	*	-3,9654	32
	794,34383	478,53	4,21E-16	*	-4,2866	33
	272,94757	45,78	6,16E-23	*	-4,317	34
	260,13684	257,54	6,38E-11	*	-4,3709	35
	328,26104	781,76	3,30E-15	*	-4,5952	36
	779,37852	478,48	4,06E-23	*	-4,8149	37
	267,09664	108,67	1,84E-05	*	-5,1143	38
	330,27651	844,59	3,32E-12	*	-5,1681	39
	461,2138	57,8	1,18E-05	*	-5,5018	40
	352,26149	775,35	3,25E-09	*	-6,301	41
Microviridin?	1643,30459	454,44	1,98E-09	*	-6,4183	42
	793,39387	483,24	1,84E-13	*	-7,2629	43
	1128,81511	377,47	3,50E-12	*	-7,4437	44
Saccharide cluster	1136,47465	617,94	2,15E-15	*	-7,4493	45
	249,93189	45,75	4,38E-27	*	-7,4845	46
	592,3837	459,91	9,71E-16	*	-7,839	47
Shinorine	332,12179	78,99	3,65E-10	*	-7,9429	48

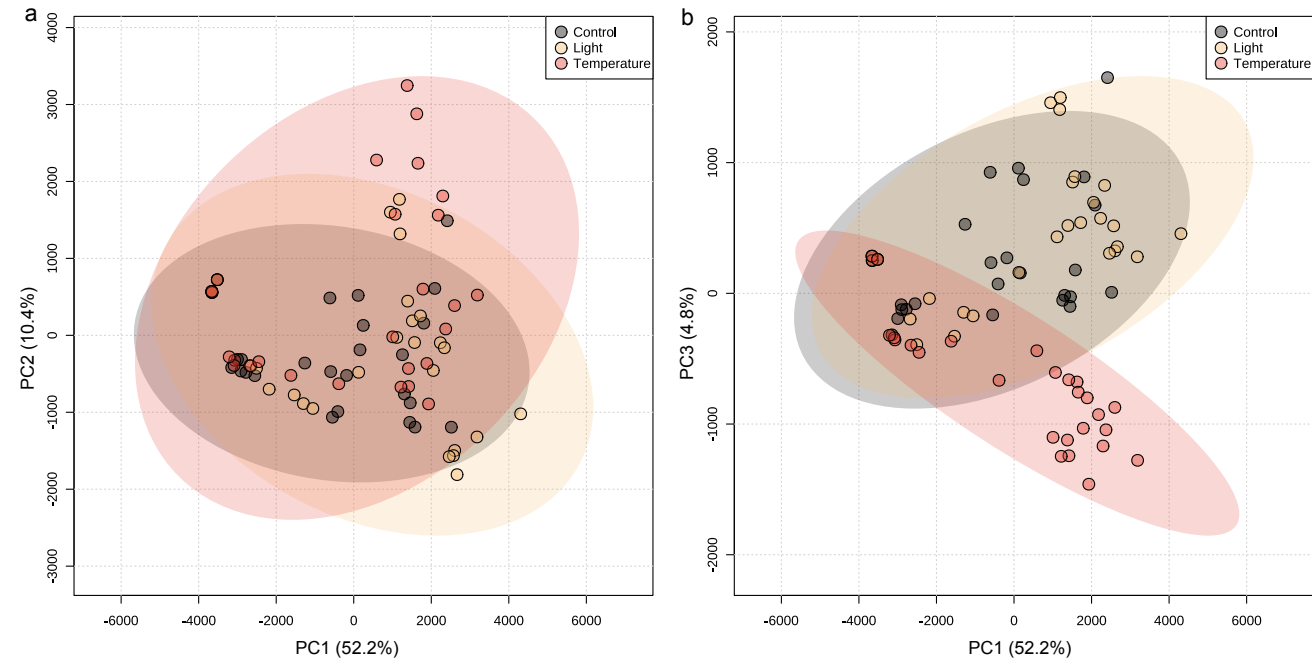
Supp. Fig. S1



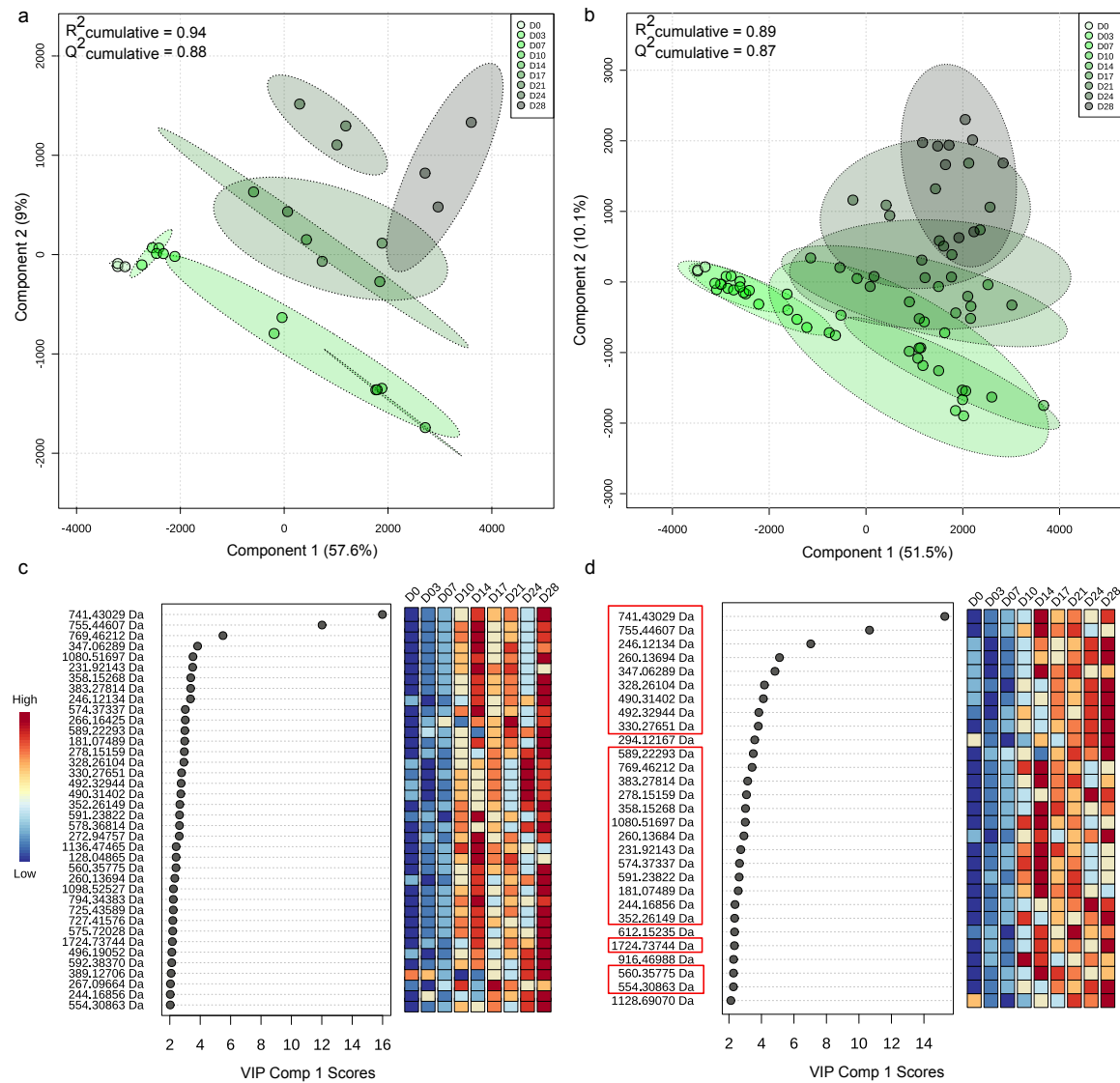
Supp. Fig. S2



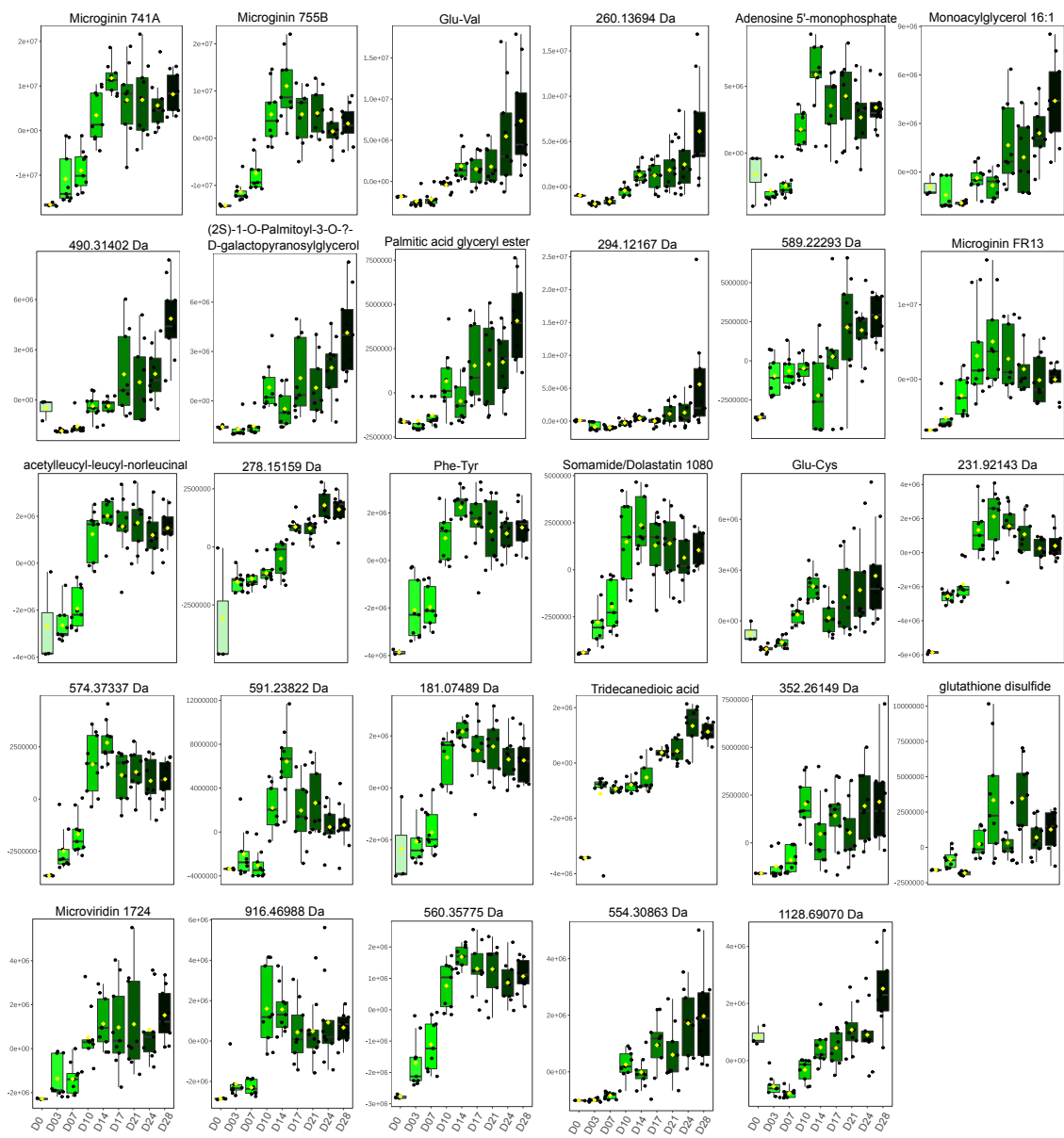
Supp. Fig. S3



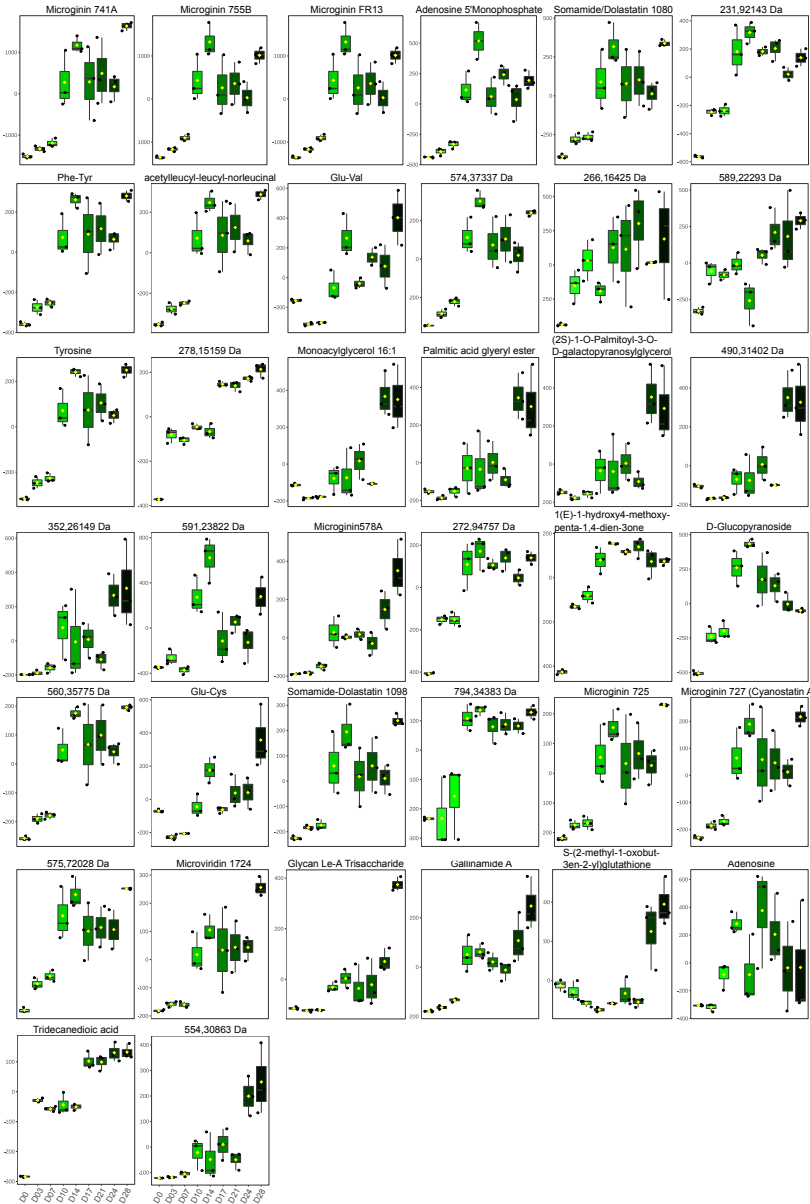
Supp. Fig. S4



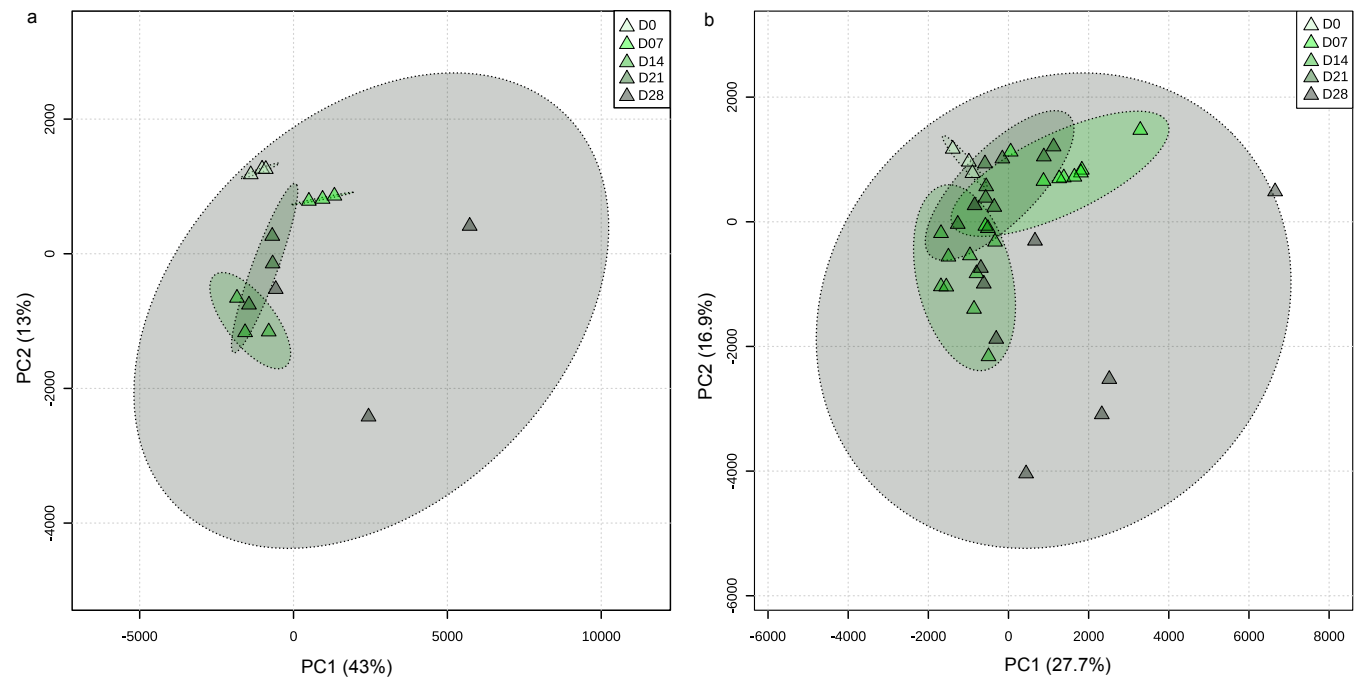
Supp. Fig. S5



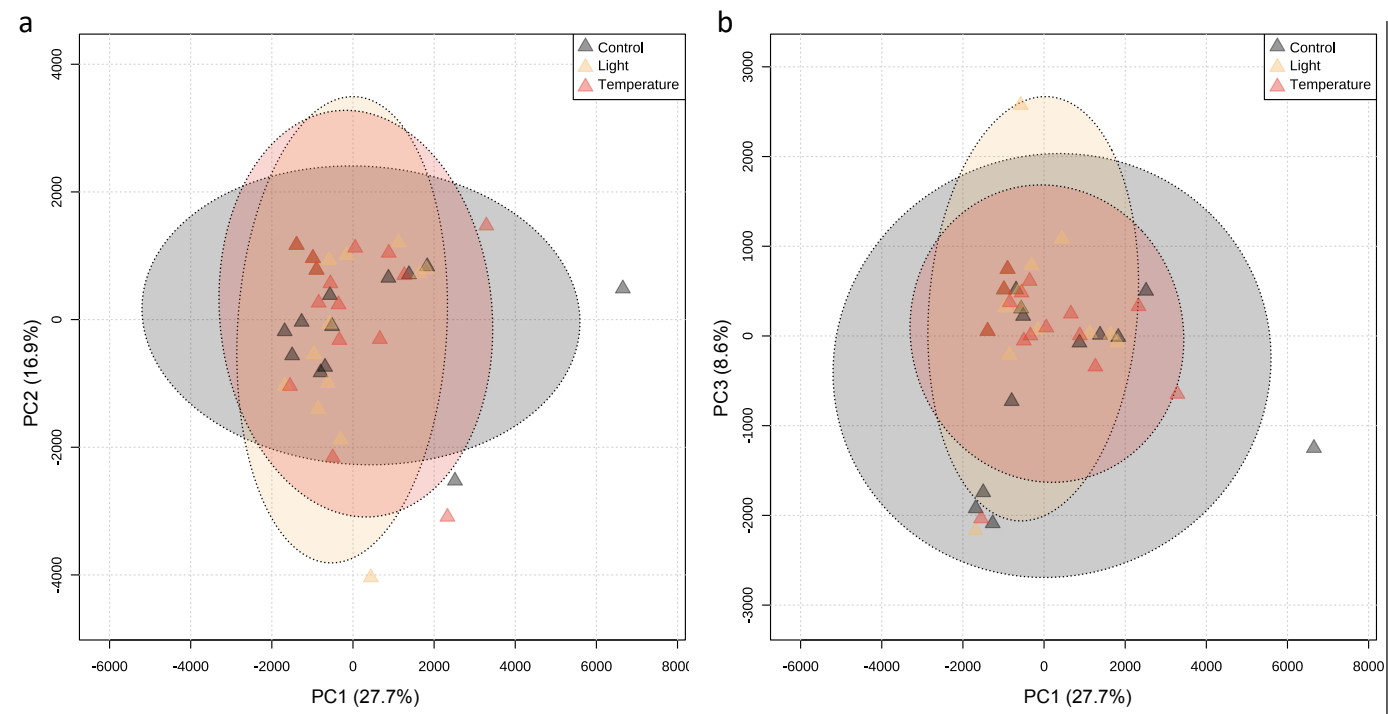
Supp. Fig. S6



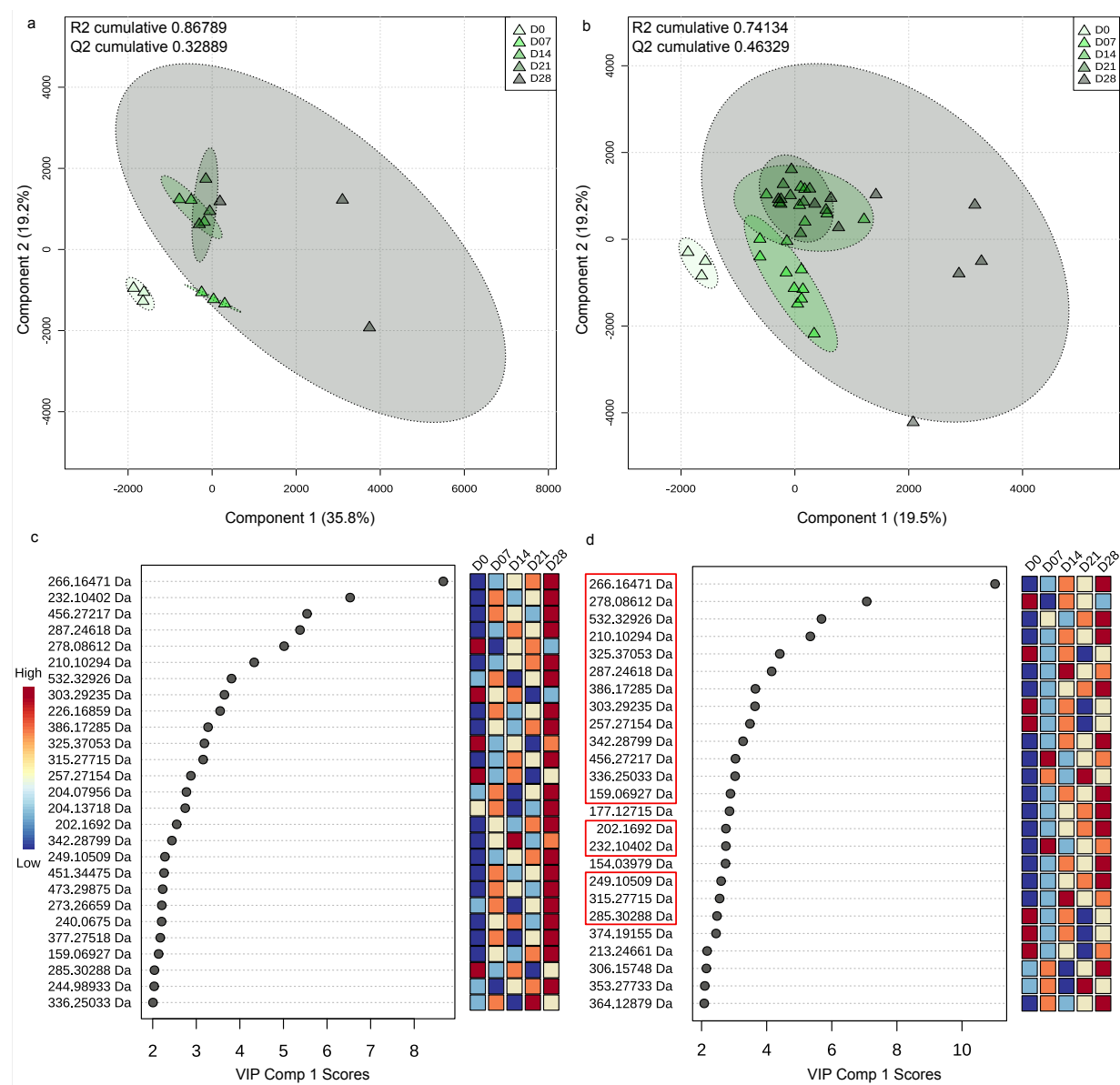
Supp. Fig. S7



Supp. Fig. S8



Supp. Fig. S9



Supp. Fig. S10

