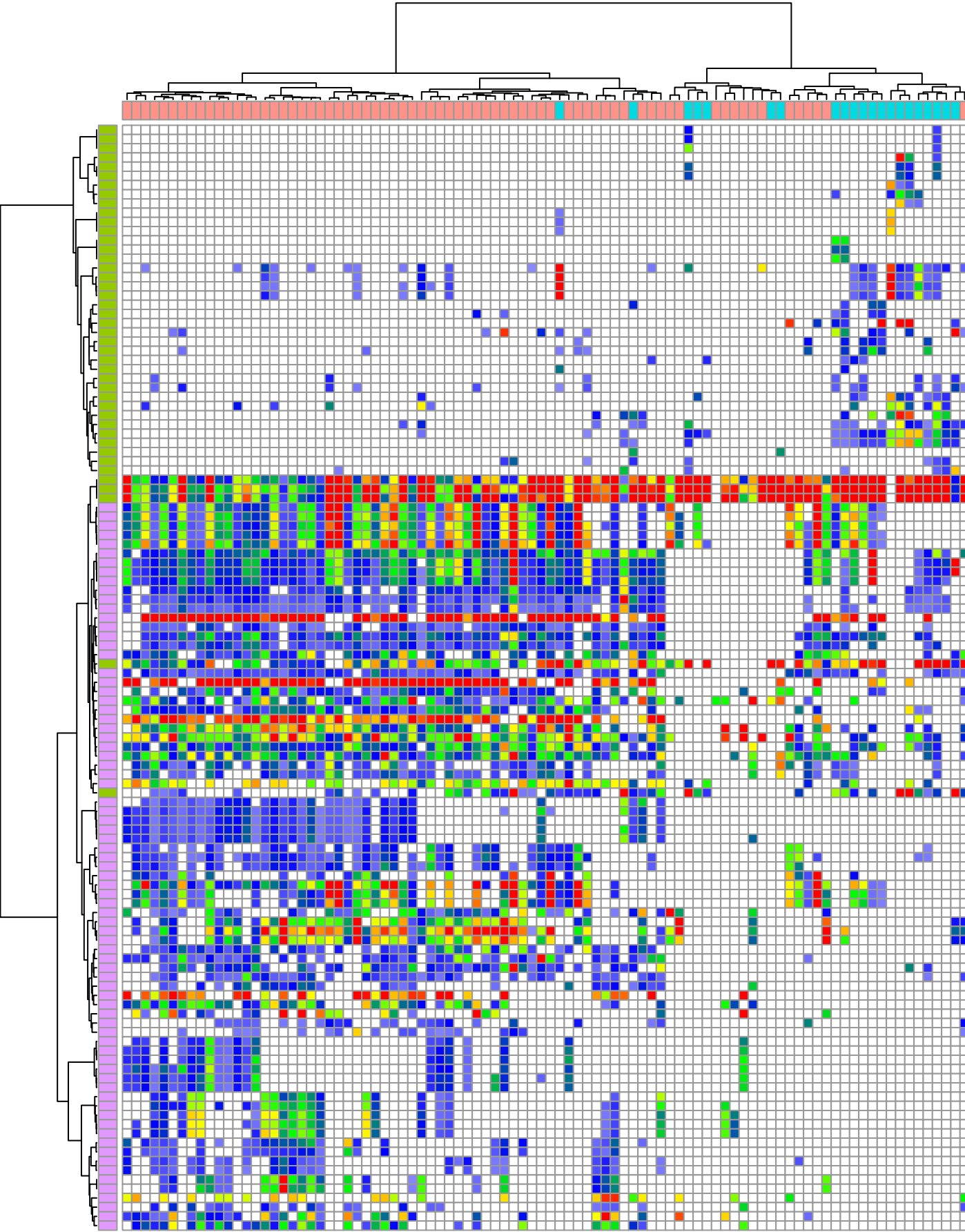


Ward.D Clustering with Binary



GroupAttribute

V1.CD21.0	NODE	1679	length	11028	cov	2.82293	11028	nrps	ANTISMASH	0	11028
V1.CD21.0	NODE	1203	length	16973	cov	2.879	16973	nrps	ANTISMASH	0	16973
V1.CD21.0	NODE	1626	length	11571	cov	10.4784	11571	lantipeptide	ANTISMASH	0	11571
V1.CD35.0	NODE	42	length	72857	cov	28.5797	20423	hserlactone	ANTISMASH	94352	114775
V1.CD21.4	NODE	765	length	22253	cov	4.46495	22253	lantipeptide	ANTISMASH	0	22253
V1.CD35.1	NODE	3453	length	6346	cov	2.92879	6346	lantipeptide	ANTISMASH	0	6346
V1.CD5.0	NODE	2999	length	8272	cov	2.30449	8272	bacteriocin	ANTISMASH	0	8272
V1.CD18.3	NODE	543	length	33639	cov	4.77606	26810	other	ANTISMASH	0	26810
V1.CD35.0	NODE	35	length	186011	cov	19.9468	24535	bacteriocin	ANTISMASH	0	186011
V1.CD10.0	NODE	47	length	98882	cov	2.3724	40183	ladderane	ANTISMASH	0	40183
V1.CD10.0	NODE	1290	length	5616	cov	2.62938	5616	bacteriocin	ANTISMASH	0	5616
V1.CD10.0	NODE	139	length	45764	cov	2.38955	16622	bacteriocin	ANTISMASH	6137	22759
V1.CD25.4	NODE	6436	length	5714	cov	5.88426	5714	arylpolylene	ANTISMASH	0	5714
V1.CD25.4	NODE	1517	length	22823	cov	6.87966	22823	arylpolylene	ANTISMASH	0	22823
V1.CD25.4	NODE	39	length	18582	cov	10.1708	54510	nrps-t1pks	ANTISMASH	44664	99174
V1.CD41.0	NODE	43	length	139509	cov	97.9643	53525	nrps	ANTISMASH	80787	134312
V1.CD18.3	NODE	40	length	166683	cov	10.5209	59165	nrps-t1pks	ANTISMASH	61574	120739
V1.CD61.0	NODE	2273	length	12464	cov	2.76678	12464	t1pks	ANTISMASH	0	12464
V1.CD61.0	NODE	228	length	65988	cov	4.67854	26289	nrps	ANTISMASH	39699	65988
V1.CD17.4	NODE	2658	length	14931	cov	3.23293	14931	nrps	ANTISMASH	0	14931
V1.CD25.4	NODE	5477	length	6837	cov	2.69806	6837	arylpolylene	ANTISMASH	0	6837
V1.CD35.1	NODE	3208	length	9708	cov	43.8637	9708	resorcinol	ANTISMASH	0	9798
V1.CD41.0	NODE	5730	length	6247	cov	2.11111	6247	nrps	ANTISMASH	0	6247
V1.CD18.0	NODE	417	length	48226	cov	3.4221	42642	nrps	ANTISMASH	5584	48226
V1.CD25.4	NODE	771	length	38707	cov	6.2539	38707	nrps	ANTISMASH	0	38707
V1.CD15.3	NODE	827	length	38994	cov	4.72174	38994	nrps	ANTISMASH	0	38994
V1.CD41.0	NODE	100	length	108541	cov	8.66845	100392	otherks-transatpks	ANTISMASH	0	100392
O2.UC37.2	NODE	786	length	34331	cov	5.98561	26046	other	ANTISMASH	0	26046
V1.CD7.4	NODE	2427	length	10544	cov	3.75517	10544	bacteriocin	ANTISMASH	0	10544
V1.CD10.0	NODE	453	length	17115	cov	2.32239	17115	siderophore	ANTISMASH	0	17115
V1.CD35.1	NODE	3185	length	6846	cov	4.30231	6846	siderophore	ANTISMASH	0	6846
V1.CD40.0	NODE	487	length	42915	cov	7.06325	42915	nrps	ANTISMASH	0	42915
V1.CD61.0	NODE	930	length	26002	cov	3.77986	26002	nrps	ANTISMASH	0	26002
V1.CD18.3	NODE	145	length	114577	cov	12.9704	43190	nrps	ANTISMASH	49316	92506
V1.CD35.1	NODE	26	length	121253	cov	16.4398	25354	nrps	ANTISMASH	0	25354
V1.CD6.4	NODE	97	length	81392	cov	6.54071	10957	bacteriocin	ANTISMASH	51098	62055
V1.CD27.0	NODE	4871	length	6213	cov	1.81796	6213	bacteriocin	ANTISMASH	0	6213
V1.CD7.4	NODE	132	length	76953	cov	16.3885	52413	nrps	ANTISMASH	9925	62338
V1.UC48.0	NODE	2643	length	14165	cov	8.95087	14945	arylpolylene	ANTISMASH	0	14945
O2.UC57.0	NODE	4652	length	6645	cov	3.78489	6645	arylpolylene	ANTISMASH	0	6645
V1.CD35.0	NODE	191	length	77163	cov	207.909	48007	arylpolylene	ANTISMASH	29156	77163
O2.UC59.0	NODE	2938	length	10198	cov	1.24352	10198	nrps	ANTISMASH	0	10198
V1.UC35.0	NODE	3761	length	8328	cov	3.02937	8328	nrps	ANTISMASH	0	8328
O2.UC58.2	NODE	543	length	31008	cov	3.90172	15316	terpene	ANTISMASH	15692	31008
V1.UC1.0	NODE	143	length	67550	cov	5.59133	45408	nrps	ANTISMASH	0	45408
V1.CD24.0	NODE	1524	length	1793	cov	1.92448	16793	lantipeptide	ANTISMASH	0	16793
V1.CD33.0	NODE	2684	length	11411	cov	1.71486	11411	lantipeptide	ANTISMASH	0	11411
V1.CD19.0	NODE	4808	length	8485	cov	7.31767	8485	lantipeptide	ANTISMASH	0	8485
V1.CD19.0	NODE	4975	length	8961	cov	11.3461	8961	lantipeptide	ANTISMASH	0	8961
V1.UC2.0	NODE	3288	length	9230	cov	2.07673	9230	lantipeptide	ANTISMASH	0	9230
V1.UC53.4	NODE	1536	length	33221	cov	5.91283	33221	nrps	ANTISMASH	0	33221
V1.UC35.4	NODE	1557	length	9639	cov	7.6836	9639	nrps	ANTISMASH	0	9639
V1.UC32.0	NODE	504	length	53181	cov	4.4757	12856	lantipeptide	ANTISMASH	40325	53181
O2.UC2.0	NODE	1749	length	11584	cov	22.9975	11584	microcin	ANTISMASH	0	11584
V1.UC26.4	NODE	500	length	57939	cov	3.42504	23420	nrps	ANTISMASH	0	23420
V1.UC13.3	NODE	8	length	352946	cov	11.3323	43253	nrps	ANTISMASH	246457	289710
V1.UC35.0	NODE	5750	length	8343	cov	4.16117	8343	nrps	ANTISMASH	0	8343
V1.UC24.0	NODE	1272	length	14434	cov	2.52111	14434	lantipeptide	ANTISMASH	0	14434
O2.UC40.0	NODE	572	length	31279	cov	4.51163	26382	resorcinol	ANTISMASH	4897	31279
O2.UC51.2	NODE	6087	length	7538	cov	1.82547	7538	arylpolylene	ANTISMASH	0	7538
O2.UC44.2	NODE	2186	length	12877	cov	12.4771	10481	microcin	ANTISMASH	2396	12877
V1.CD42.0	NODE	1823	length	17721	cov	4.4267	17721	lantipeptide	ANTISMASH	0	17721
O2.UC27.0	NODE	1358	length	18223	cov	1.71286	1823	lpks	ANTISMASH	0	18223
V1.CD60.0	NODE	4449	length	27925	cov	2.7925	619	bacteriocin	ANTISMASH	1806	27925
V1.UC53.4	NODE	1077	length	19809	cov	14.4938	19809	microcin	ANTISMASH	0	19809
V1.CD40.2	NODE	1120	length	21276	cov	8.2432	21276	lantipeptide	ANTISMASH	0	21276
V1.CD40.0	NODE	1950	length	15791	cov	7.39286	15791	nrps	ANTISMASH	0	15791
V1.CD36.0	NODE	441	length	59544	cov	19.0451	25820	nrps	ANTISMASH	33724	59544
V1.CD42.0	NODE	2860	length	11958	cov	6.16424	11958	lantipeptide	ANTISMASH	0	11958
O2.UC4.2	NODE	4234	length	9225	cov	3.0723	9225	bacteriocin	ANTISMASH	0	9225
O2.UC56.2	NODE	3772	length	7714	cov	2.10772	7714	assoepptide	ANTISMASH	0	7714
V1.UC34.0	NODE	2685	length	11165	cov	5.31233	11165	microcin	ANTISMASH	0	11165
V1.UC52.1	NODE	475	length	50230	cov	2.94288	14251	lantipeptide	ANTISMASH	0	14251
V1.UC29.0	NODE	2159	length	10983	cov	2.64165	10983	other	ANTISMASH	0	10983
O2.UC59.0	NODE	285	length	50933	cov	3.3811	24258	other	ANTISMASH	26677	50933
O2.UC39.0	NODE	1245	length	17671	cov	0.03646	17671	other	ANTISMASH	0	17671
V1.UC10.2	NODE	1689	length	17780	cov	3.95876	17780	other	ANTISMASH	0	17780
V1.UC5.3	NODE	695	length	47782	cov	4.43657	22861	other	ANTISMASH	24921	47782
O2.UC27.2	NODE	371	length	47497	cov	2.18766	25369	other	ANTISMASH	0	25369
O2.UC27.0	NODE	272	length	64235	cov	5.29347	34842	other	ANTISMASH	29393	64235
O2.UC41.0	NODE	722	length	29497	cov	1.19999	29497	other	ANTISMASH	0	29497
V1.CD38.0	NODE	12	length	25856	cov	31.9501	10225	bacteriocin	ANTISMASH	190339	200564
O2.UC59.0	NODE	2715	length	10905	cov	1.50295	10905	bacteriocin	ANTISMASH	0	10905
O2.UC37.0	NODE	1047	length	20443	cov	3.24088	15779	bacteriocin	ANTISMASH	4664	20443
O2.UC44.2	NODE	1454	length	17419	cov	4.14449	16963	bacteriocin	ANTISMASH	456	17419
O2.UC23.2	NODE	123	length	53602	cov	5.17215	42532	other	ANTISMASH	8083	50615
V1.CD30.0	NODE	2651	length	10126	cov	1.26442	8030	bacteriocin	ANTISMASH	2096	10126
O2.UC51.2	NODE	137	length	100686	cov	22.0268	18231	bacteriocin	ANTISMASH	82455	100686
V1.CD62.0	NODE	31	length	180575	cov	19.4374	62233	nrps-ladderane	ANTISMASH	16961	79194
V1.UC1.0	NODE	5044	length	6340	cov	2.01559	6340	bacteriocin	ANTISMASH	0	6340
V1.UC52.0	NODE	4707	length	8186	cov	5.00332	8186	terpene	ANTISMASH	0	8186
V1.UC24.0	NODE	681	length	25720	cov	4.37886	25720	sactipeptide	ANTISMASH	0	25720
V1.UC58.0	NODE	7831	length	5607	cov	2.75648	5607	arylpolylene	ANTISMASH	0	5607
V1.UC34.0	NODE	3334	length	7067	cov	1.16415	7067	lantipeptide	ANTISMASH	0	7067
O2.UC1.2	NODE	2735	length	11824	cov	7.70023	11824	microcin	ANTISMASH	0	11824
V1.UC24.0	NODE	13	length	166603	cov	10.2427	43260	nrps	ANTISMASH	94591	137851
O2.UC60.0	NODE	4	length	262054	cov	23.2222	42592	other	ANTISMASH	39658	82250
V1.CD28.0	NODE	533	length	44098	cov	6.24944	37790	arylpolylene	ANTISMASH	6308	44098
V1.CD31.0	NODE	324	length	45336	cov	5.271	35893	other	ANTISMASH	9443	45336
O2.UC2.0	NODE	1230	length	14811	cov	1.83159	14811	nrps	ANTISMASH	0	14811
O2.UC3.0	NODE	245	length	55949	cov	3.1289	41008	nrps	ANTISMASH	14941	55949
O2.UC4.2	NODE	6683	length	6170	cov	1.37449	6170	other	ANTISMASH	0	6170
V1.UC30.0	NODE	1721	length	15433	cov	2.04207	15433	nrps	ANTISMASH	0	15433
O2.UC2.0	NODE	2008	length	10579	cov	1.95144	10579	other	ANTISMASH	0	10579
O2.UC29.0	NODE	2213	length	9695	cov	4.42842	9695	other	ANTISMASH	0	9695
V1.UC28.0	NODE	2	length	235783	cov	4.95209	3055	nrps	ANTISMASH	0	3055
O2.UC4.2	NODE	2825	length	12709	cov	4.34527	12709	nrps	ANTISMASH	0	12709
V1.CD61.0	NODE	459	length	41744	cov	4.85281	24015	nrps	ANTISMASH	17729	41744
O2.UC40.2	NODE	238	length	57921	cov	2.74441	23548	nrps	ANTISMASH	34373	57921
O2.UC51.0	NODE	19	length	172368	cov	7.02516	24652	nrps	ANTISMASH	0	24652
O2.UC40.8	NODE	1008	length	71340	cov	3.29287	43402	other	ANTISMASH	13356	56758
O2.UC55.0	NODE	5538	length	6976	cov	1.15865	6976	other	ANTISMASH	0	6976
V1.UC40.0	NODE	1422	length	20304	cov	4.52593	15088	bacteriocin	ANTISMASH	5216	20304
V1.UC52.1	NODE	4925	length	9379	cov	3.29794	9379	bacteriocin	ANTISMASH	0	9379
V1.CD30.0	NODE	6593	length	5371	c						