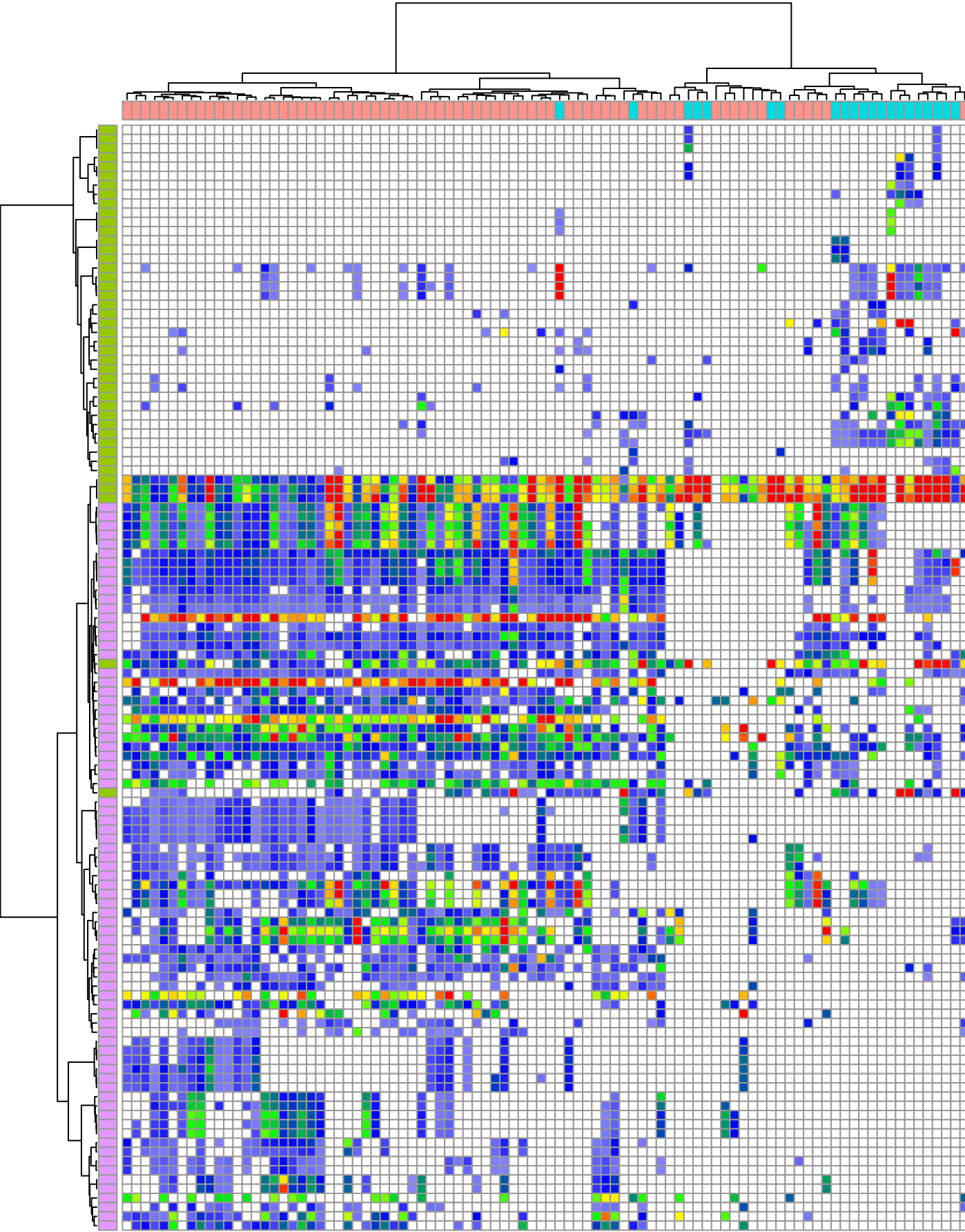
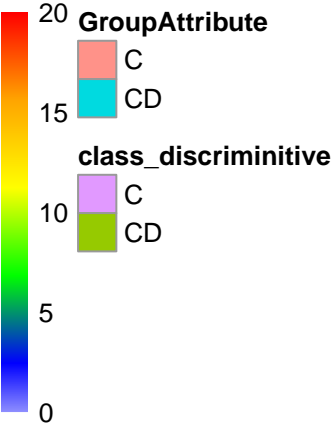


Ward.D Clustering with Binary



Group	Attribute	Value
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 arylpolyene ANTISMASH 0 5714	
V1.CD25.4	NODE 1517 length 22823 cov 6.87966 22823 arylpolyene 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 arylpolyene ANTISMASH 0 6837	
V1.CD35.1	NODE 5205 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 34300 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.CD48.0	NODE 2643 length 1415 cov 8.95087 14945 arylpolyene ANTISMASH 0 14945	
O2.UC57.0	NODE 4652 length 6645 cov 1.84897 6645 arylpolyene ANTISMASH 0 6645	
V1.CD35.0	NODE 191 length 77163 cov 207.909 48007 arylpolyene ANTISMASH 29156 77163	
O2.UC59.0	NODE 2938 length 10198 cov 1.24352 10198 nrps ANTISMASH 0 10198	
V1.CD35.0	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.CD1.0	NODE 1524 length 1793 cov 1.92448 16793 lantipeptide ANTISMASH 0 16793	
V1.CD24.0	NODE 2684 length 11411 cov 1.71486 11411 lantipeptide ANTISMASH 0 11411	
V1.CD33.0	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.CD2.0	NODE 3288 length 9230 cov 2.07673 9230 lantipeptide ANTISMASH 0 9230	
V1.UC53.4	NODE 1536 length 30221 cov 5.91283 32221 nrps ANTISMASH 0 9939	
V1.CD35.4	NODE 3457 length 9639 cov 3.78836 9639 nrps ANTISMASH 0 9939	
V1.UC2.0	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 750 length 8343 cov 0.1617 8343 nrps ANTISMASH 0 8343	
V1.UC2.4	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 arylpolyene 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 1.1286 1823 t1pks ANTISMASH 0 18223	
O2.UC60.0	NODE 448 length 27925 cov 2.72723 619 bacteriocin ANTISMASH 1806 27925	
V1.UC53.4	NODE 1077 length 19809 cov 14.4938 19809 microcin ANTISMASH 0 19809	
O2.UC40.2	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 aslopeptide 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 26675 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.UC241.0	NODE 722 length 29497 cov 1.19999 29497 other ANTISMASH 0 29497	
V1.CD38.0	NODE 12 length 25856 cov 31.9501 10255 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 arylpolyene ANTISMASH 0 5607	
V1.UC23.0	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 arylpolyene 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 23573 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 19 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 cov 1.32731 5371 nrps ANTISMASH 0 5371	
V1.UC26.4	NODE 35 length 189049 cov 13.4329 42953 nrps ANTISMASH 104265 147218	
O2.UC48.2	NODE 1990 length 14237 cov 2.29502 14237 microcin ANTISMASH 0 14237	
V1.UC59.2	NODE 4 length 45328 cov 8.44019 22700 lantipeptide ANTISMASH 380667 403367	
O2.UC44.0	NODE 659 length 29813 cov 4.62662 24979 bacteriocin ANTISMASH 4834 29813	
V1.UC45.0	NODE 970 length 21406 cov 2.56283 21406 lantipeptide ANTISMASH 0 21406	



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