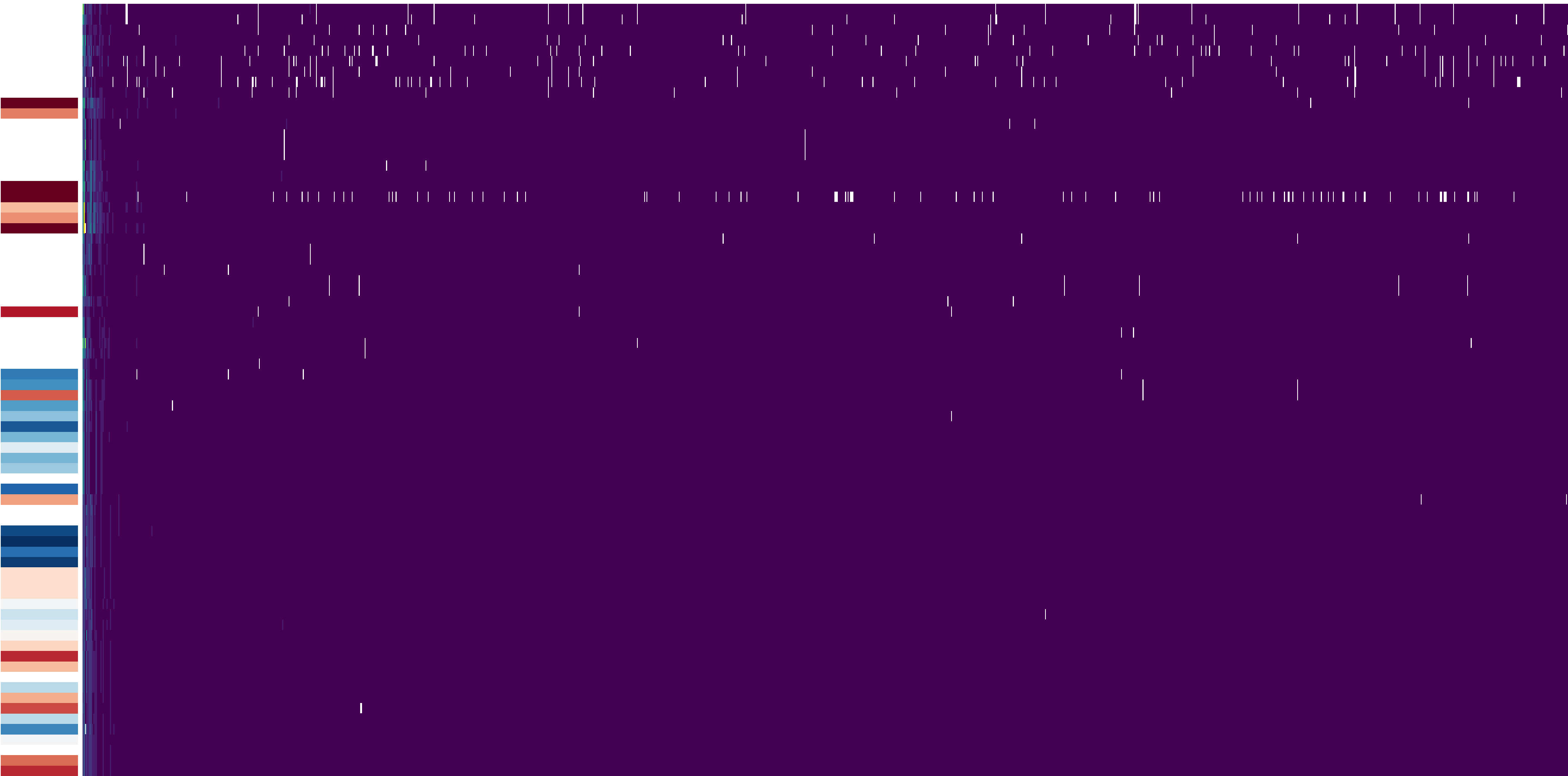
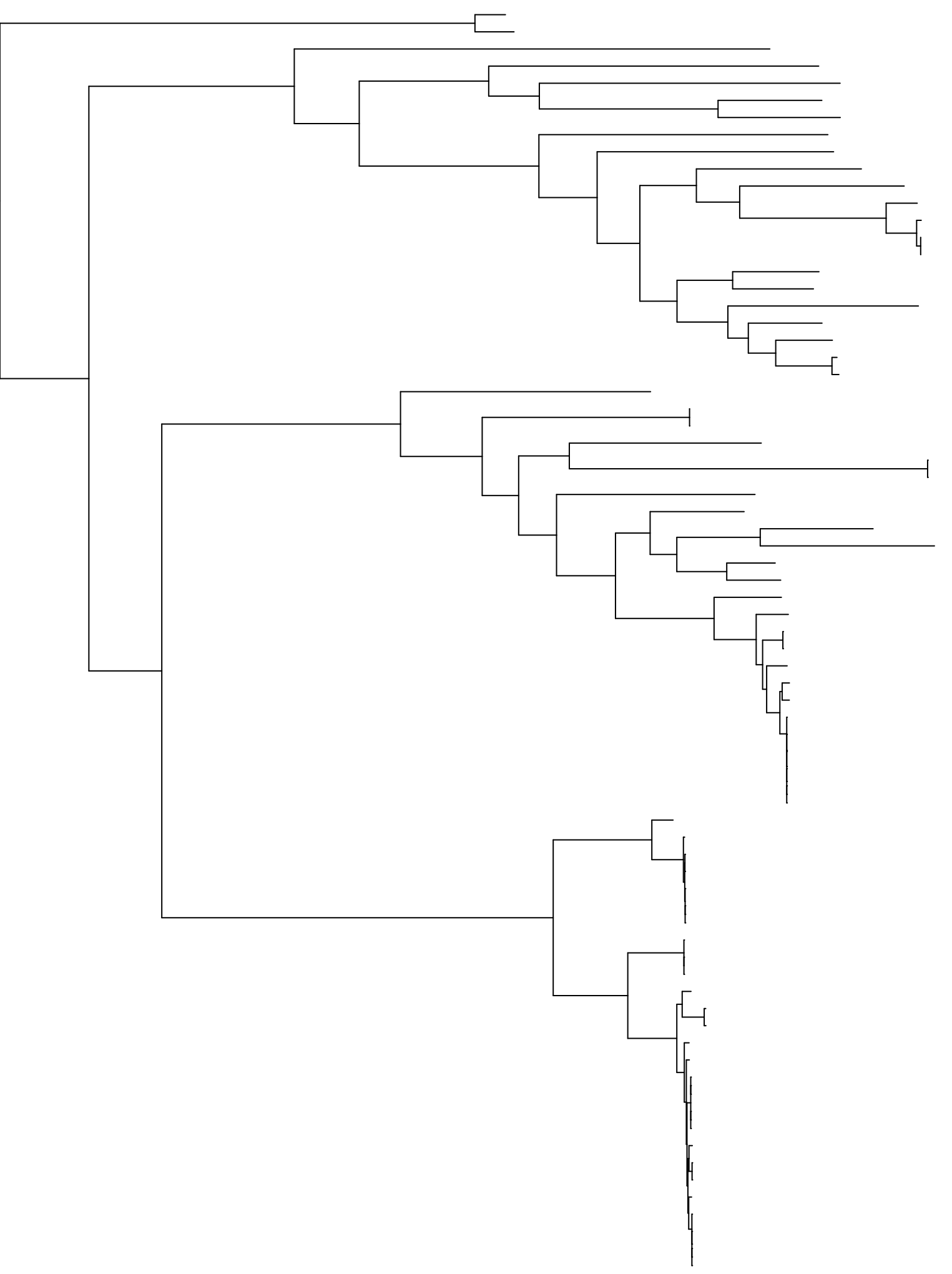
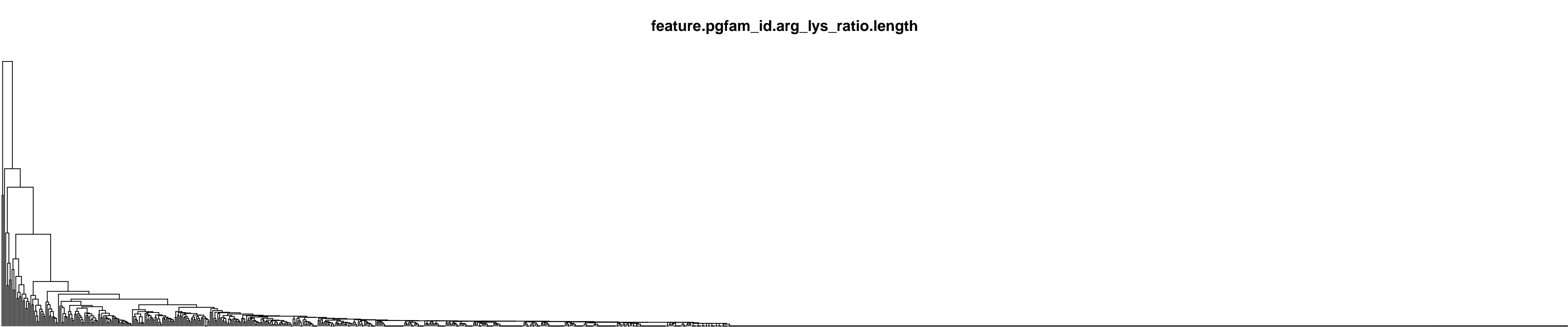
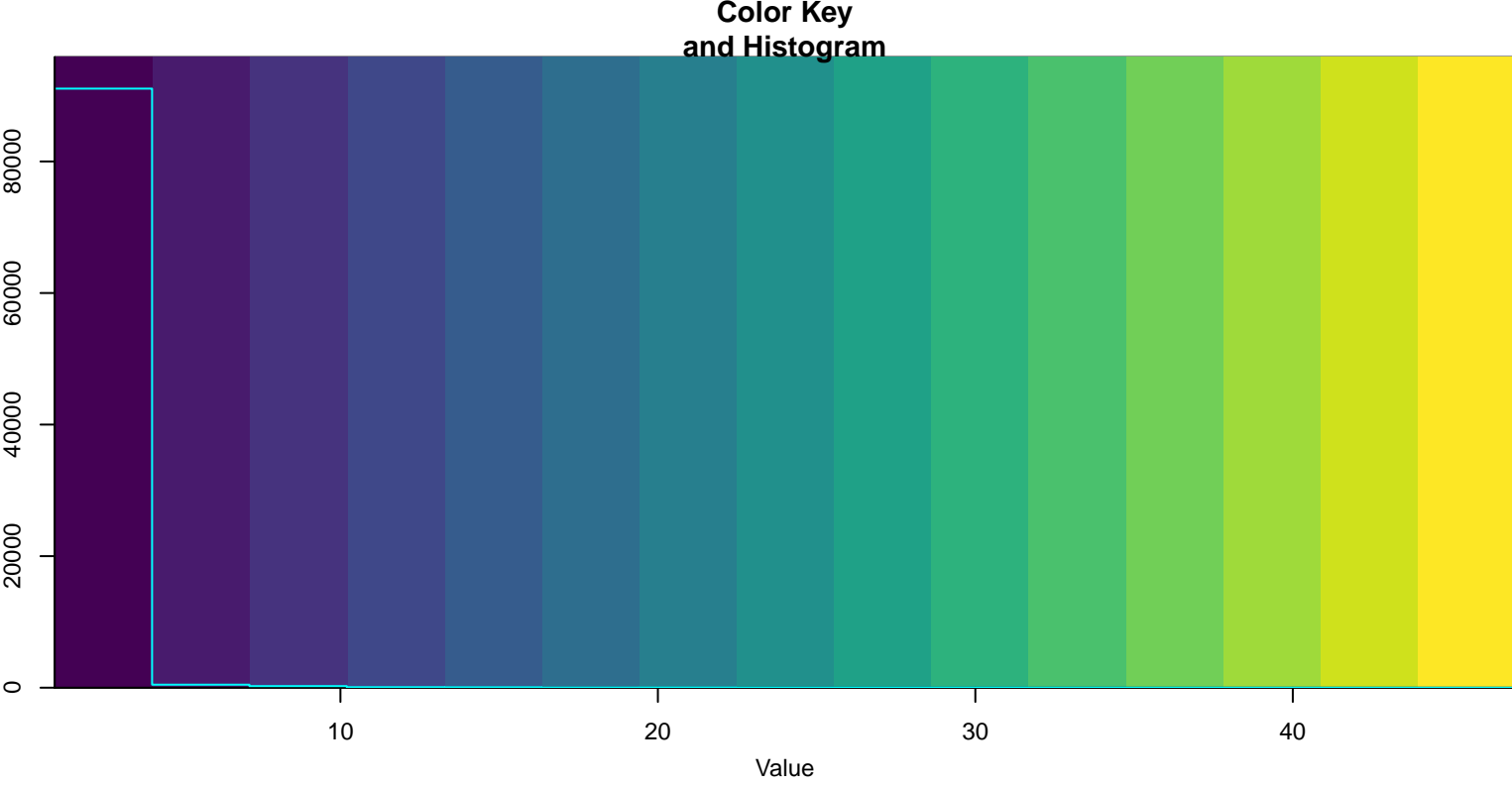
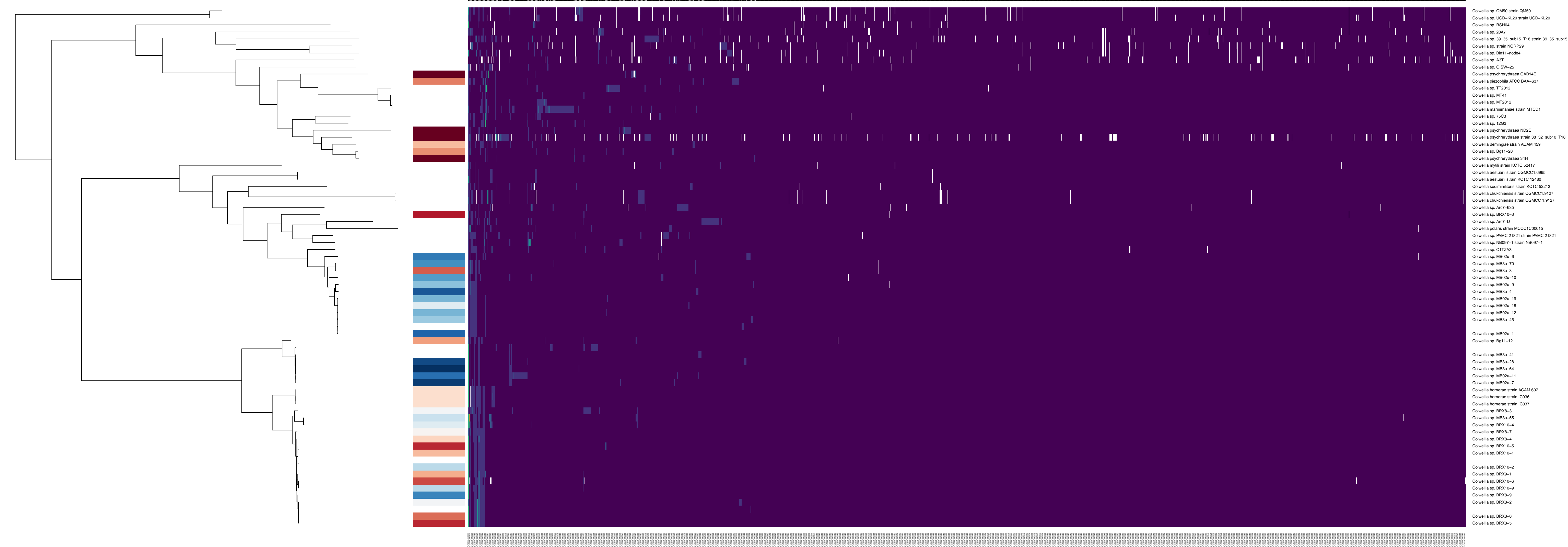
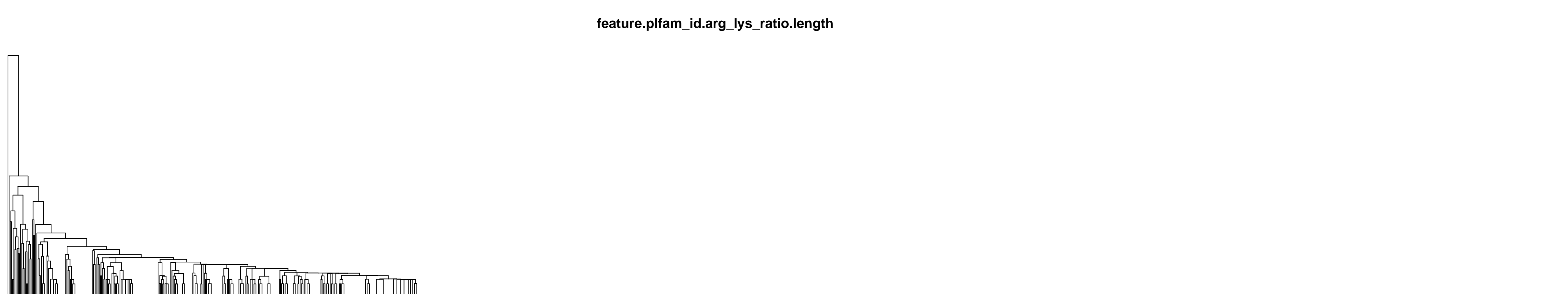
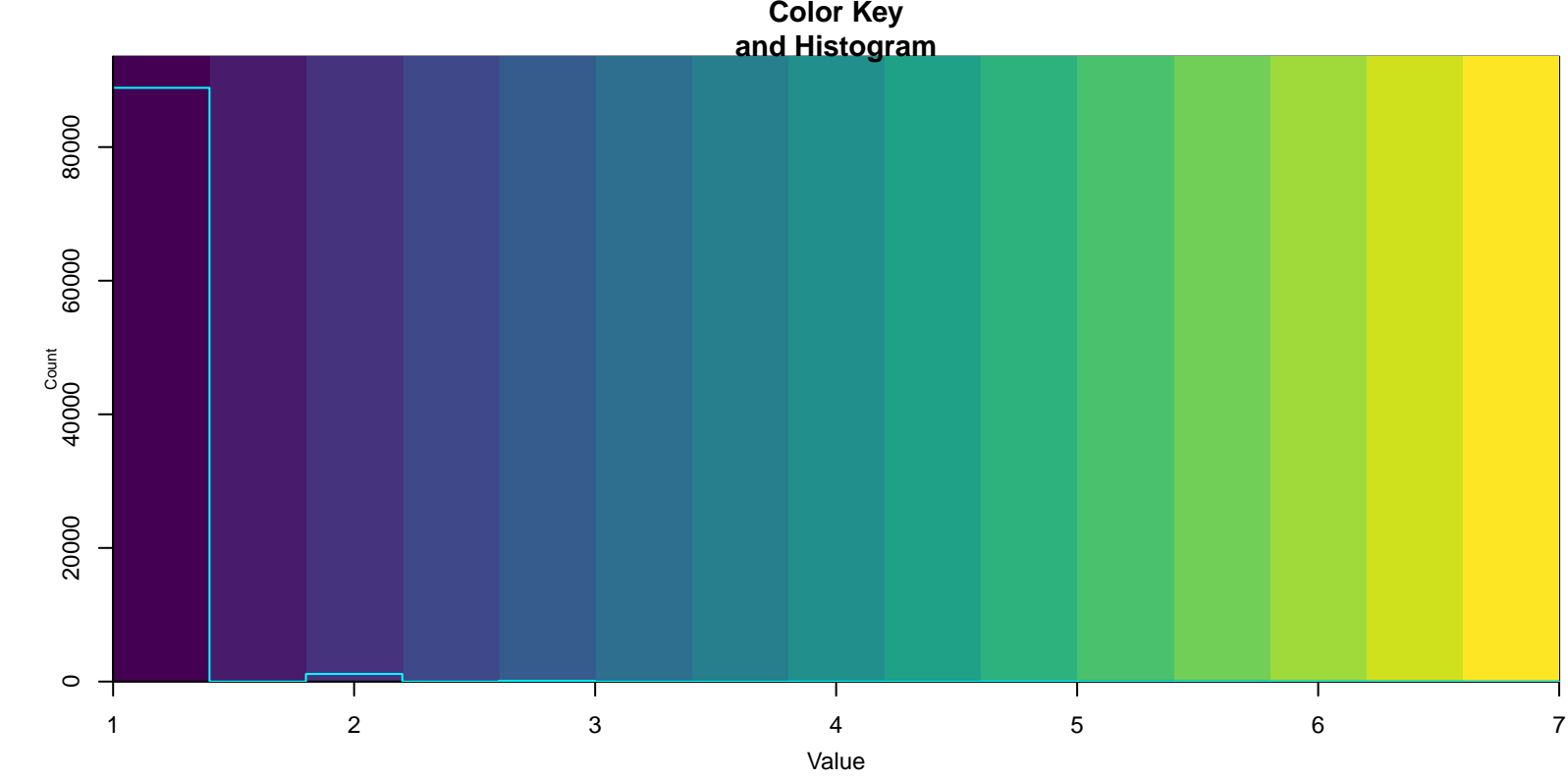
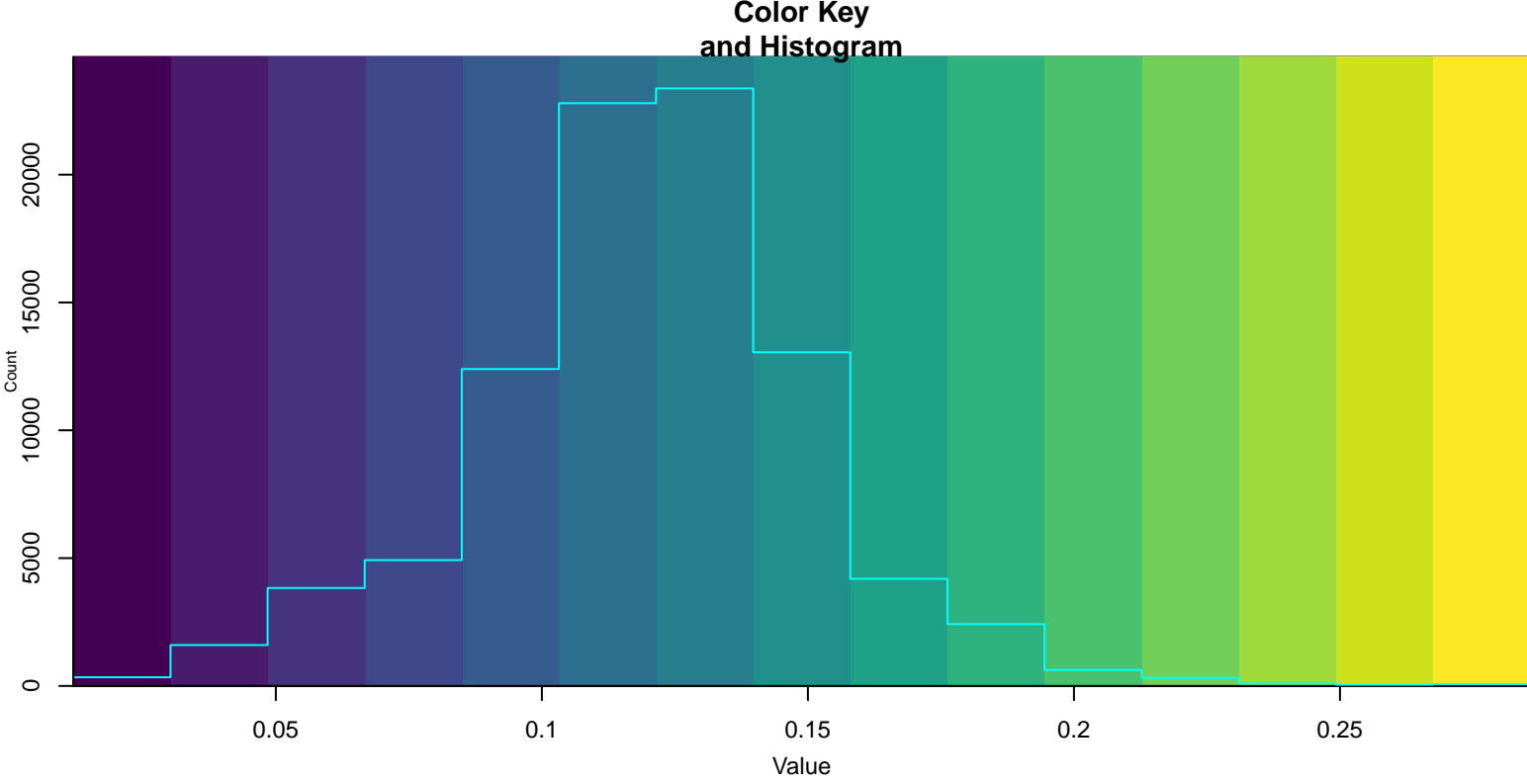


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Cowellia piezophila ATCC BAA-637
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Cowellia sp. 12G3
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Cowellia demingiae strain ACAM 459
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Cowellia psychrerythraea 34H
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Cowellia aestuarii strain CGMCC1.6965
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Cowellia chukchiensis strain CGMCC1.9127
Cowellia chukchiensis strain CGMCC1.9127
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Cowellia sp. BRX10-3
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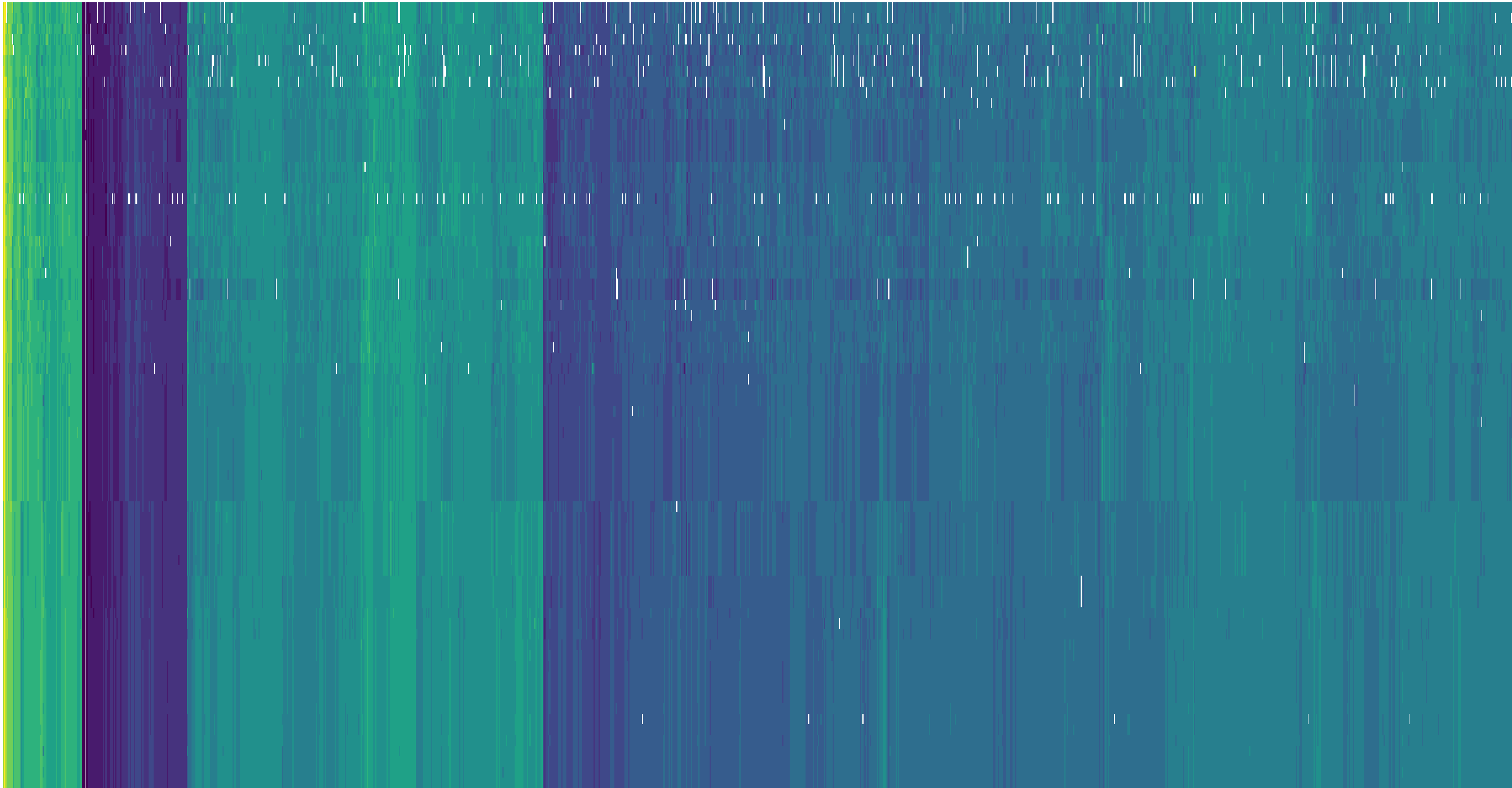
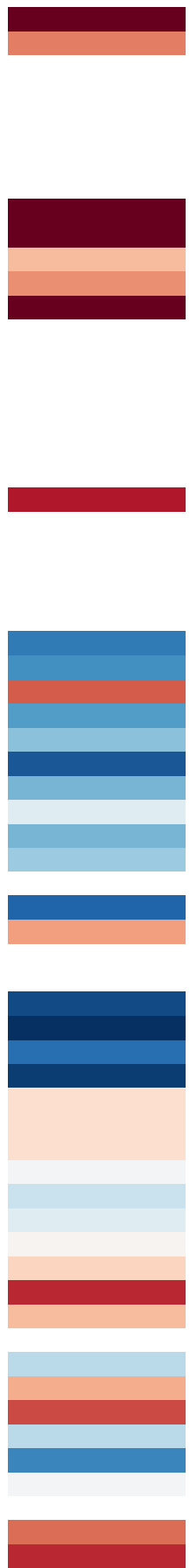
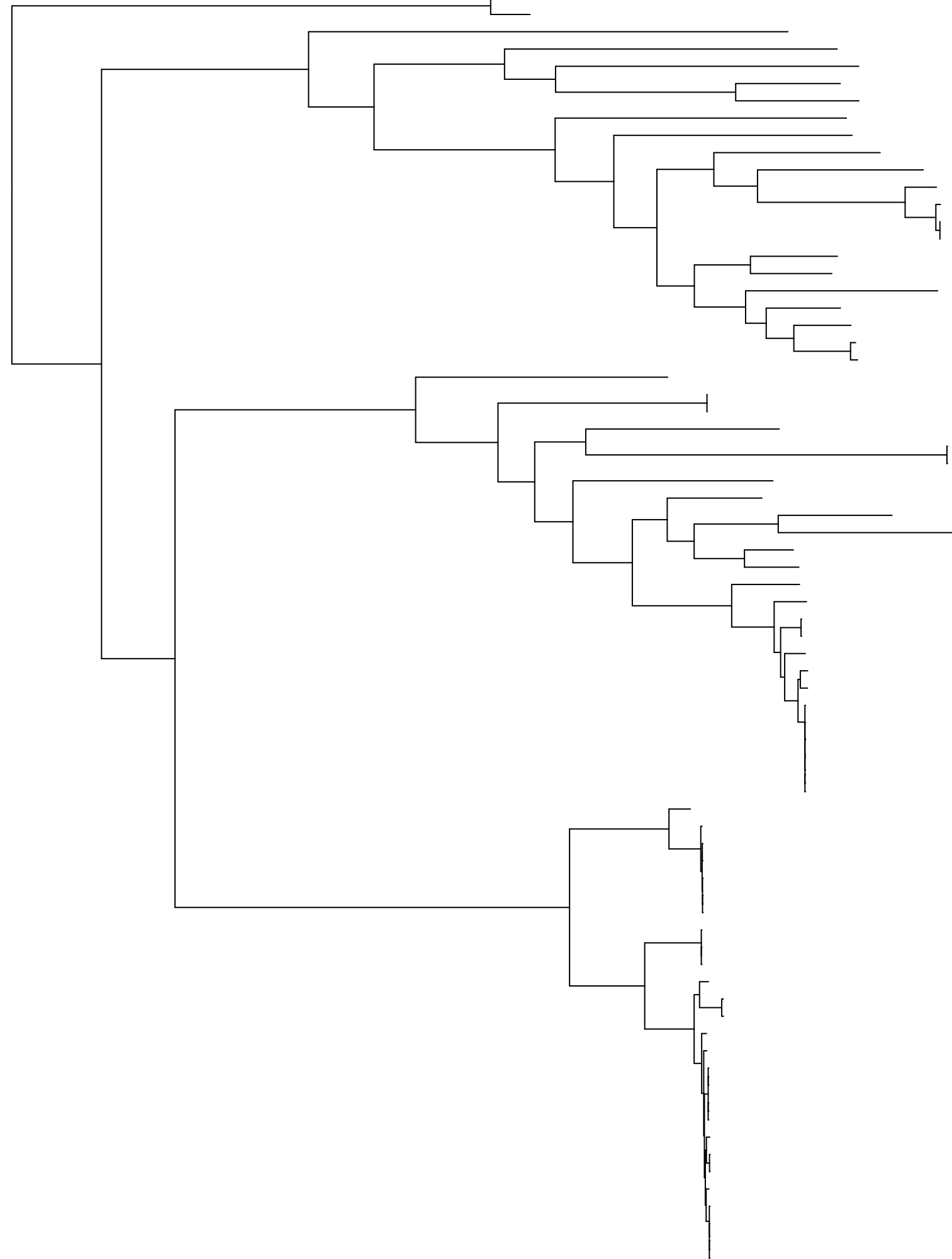
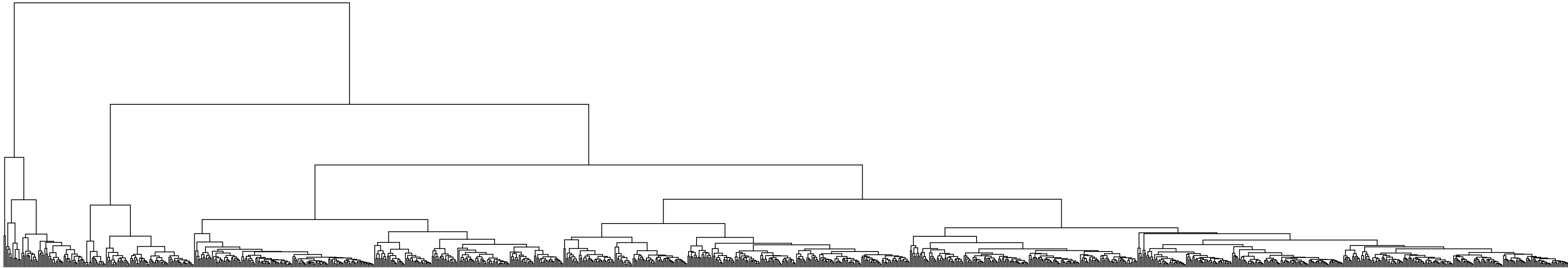


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Cotwellia demingiae strain ACAM 459
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Cotwellia aestuarii strain CGMCC1.6965
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Cotwellia chukchiensis strain CGMCC1.9127
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Cotwellia hornerae strain IC036
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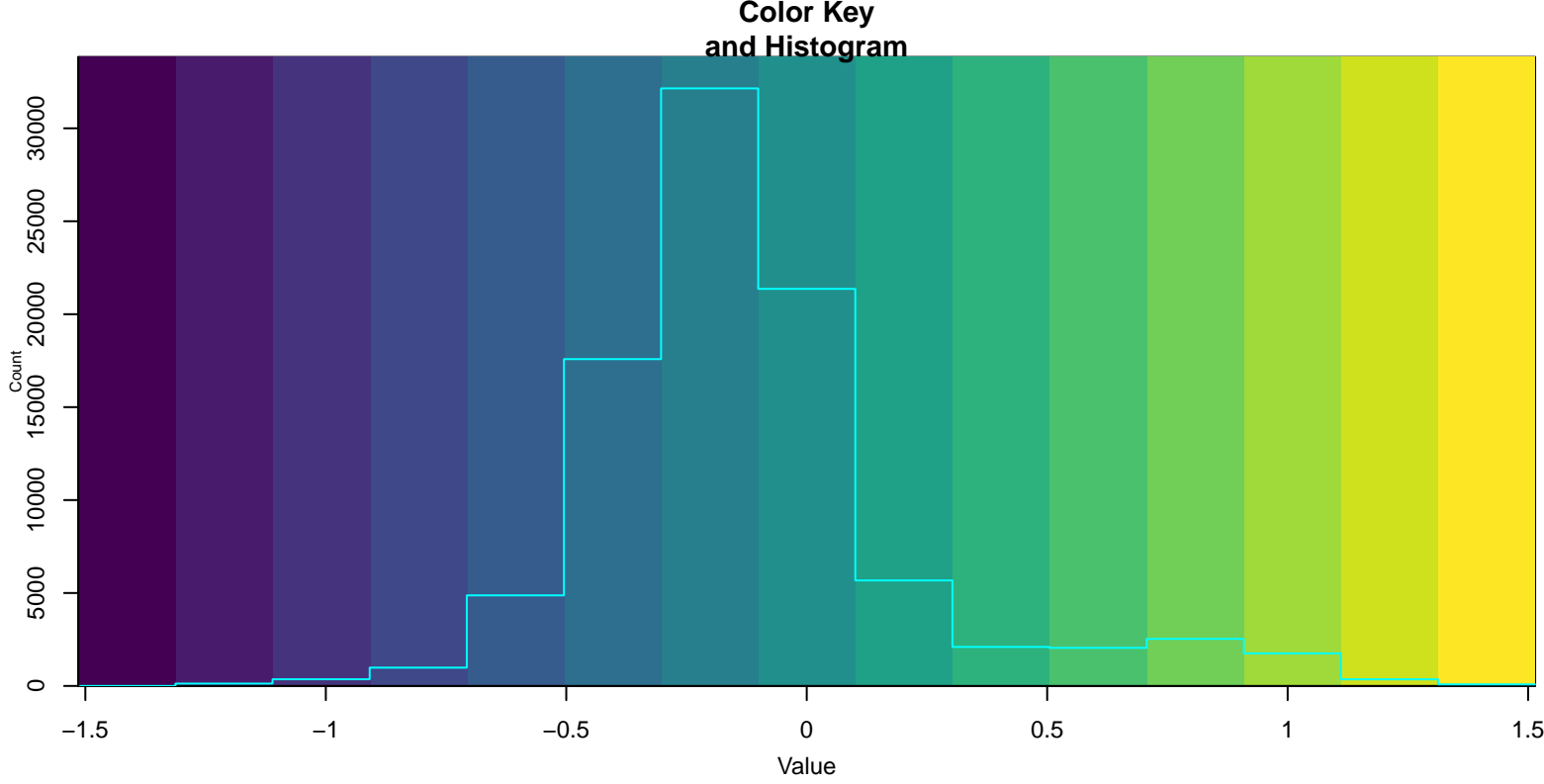




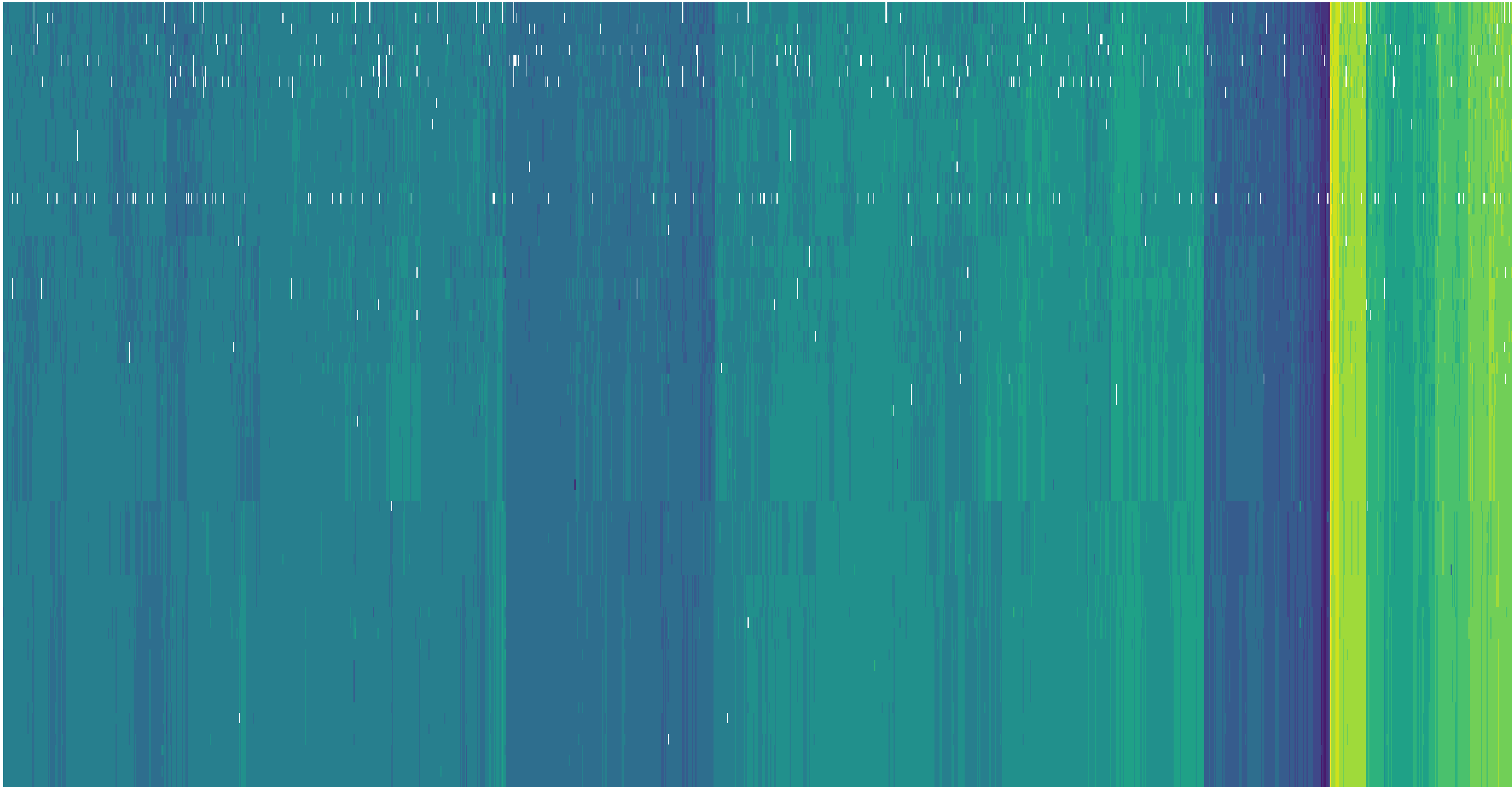
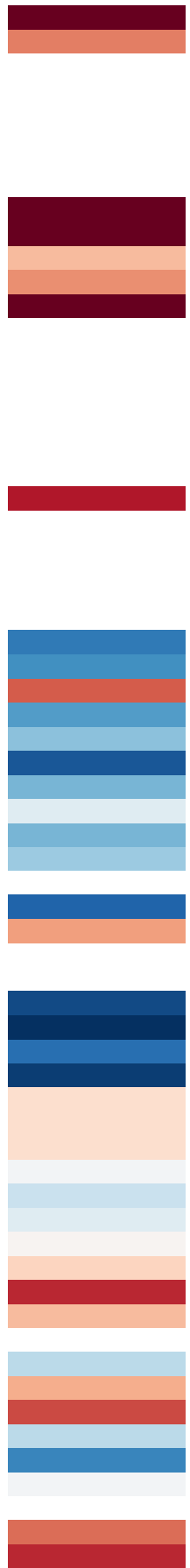
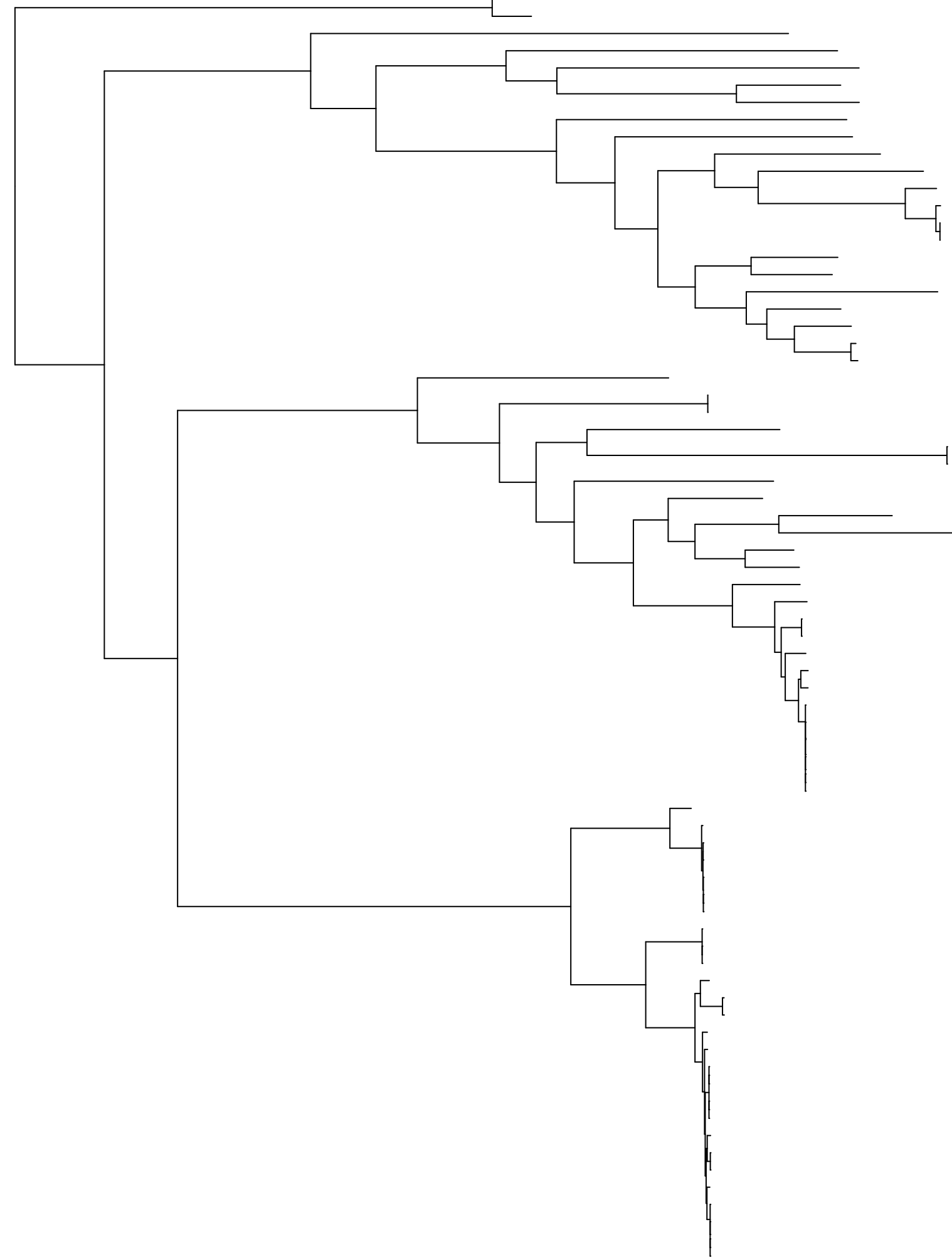
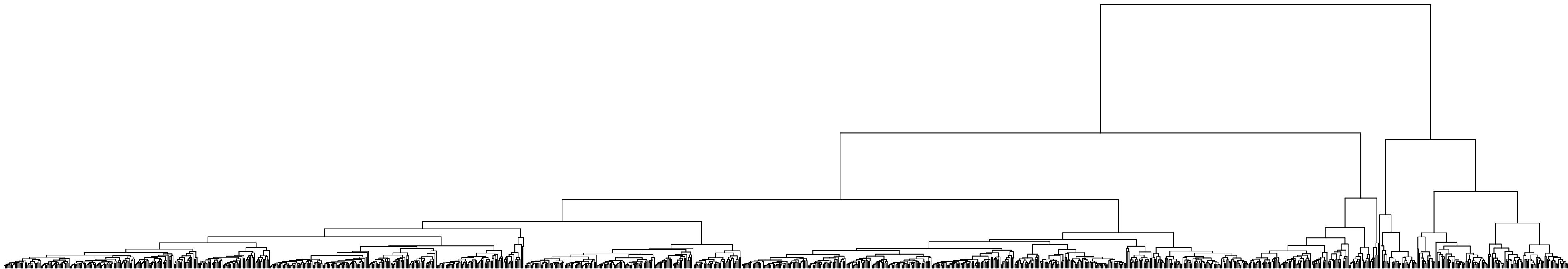
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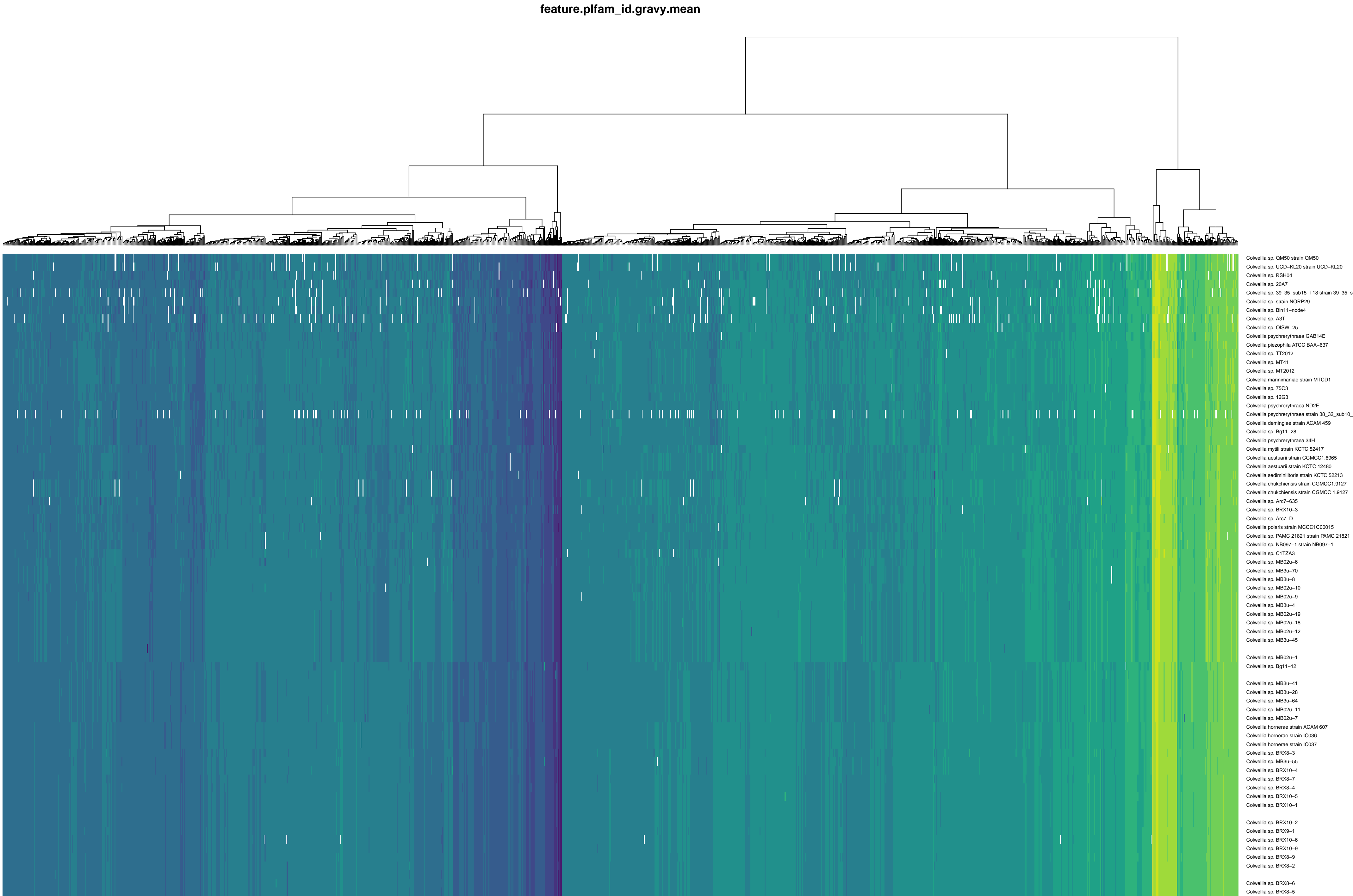
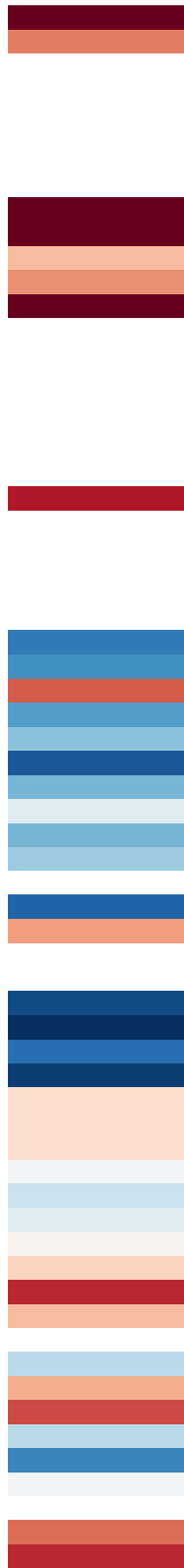
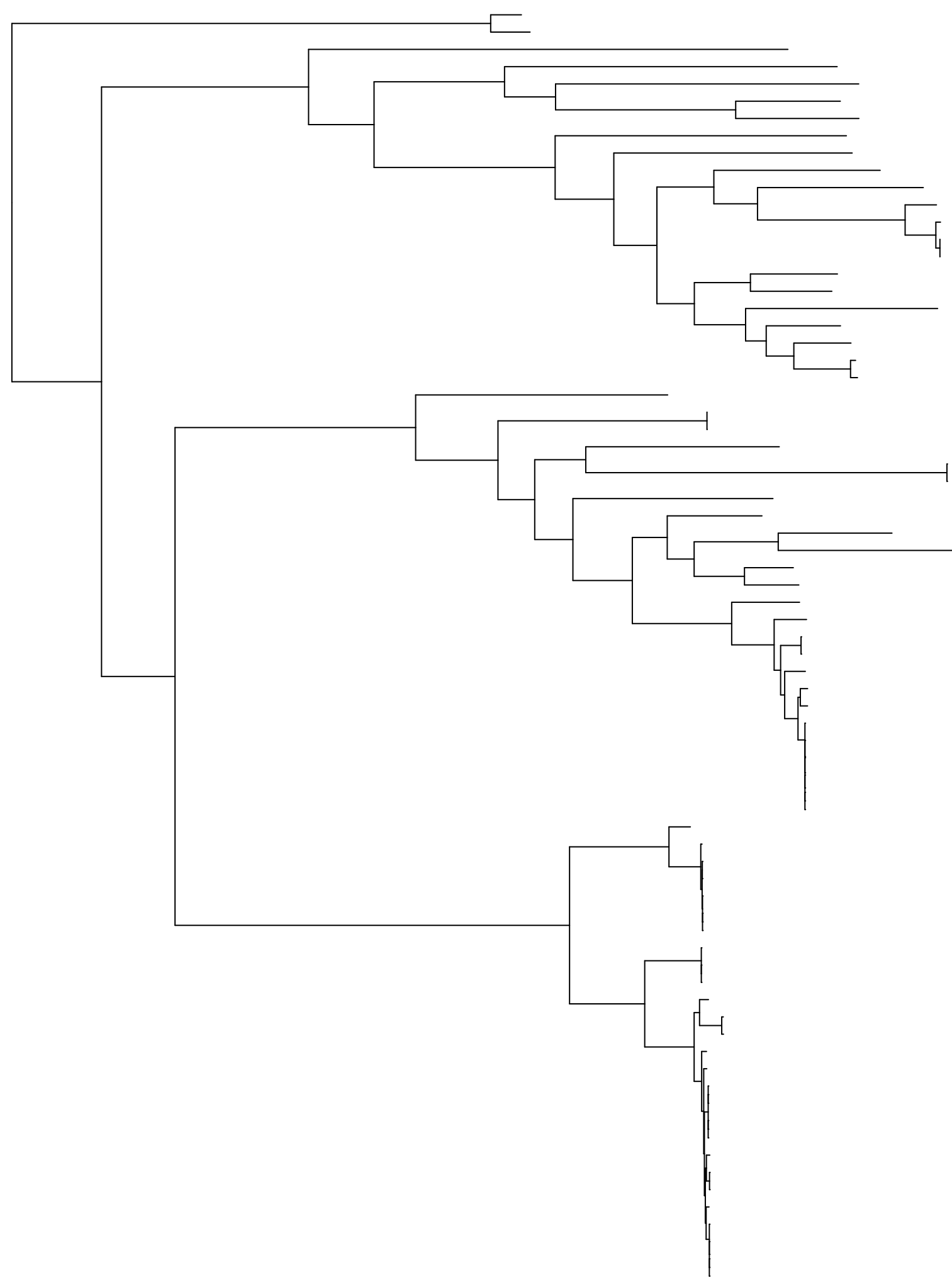
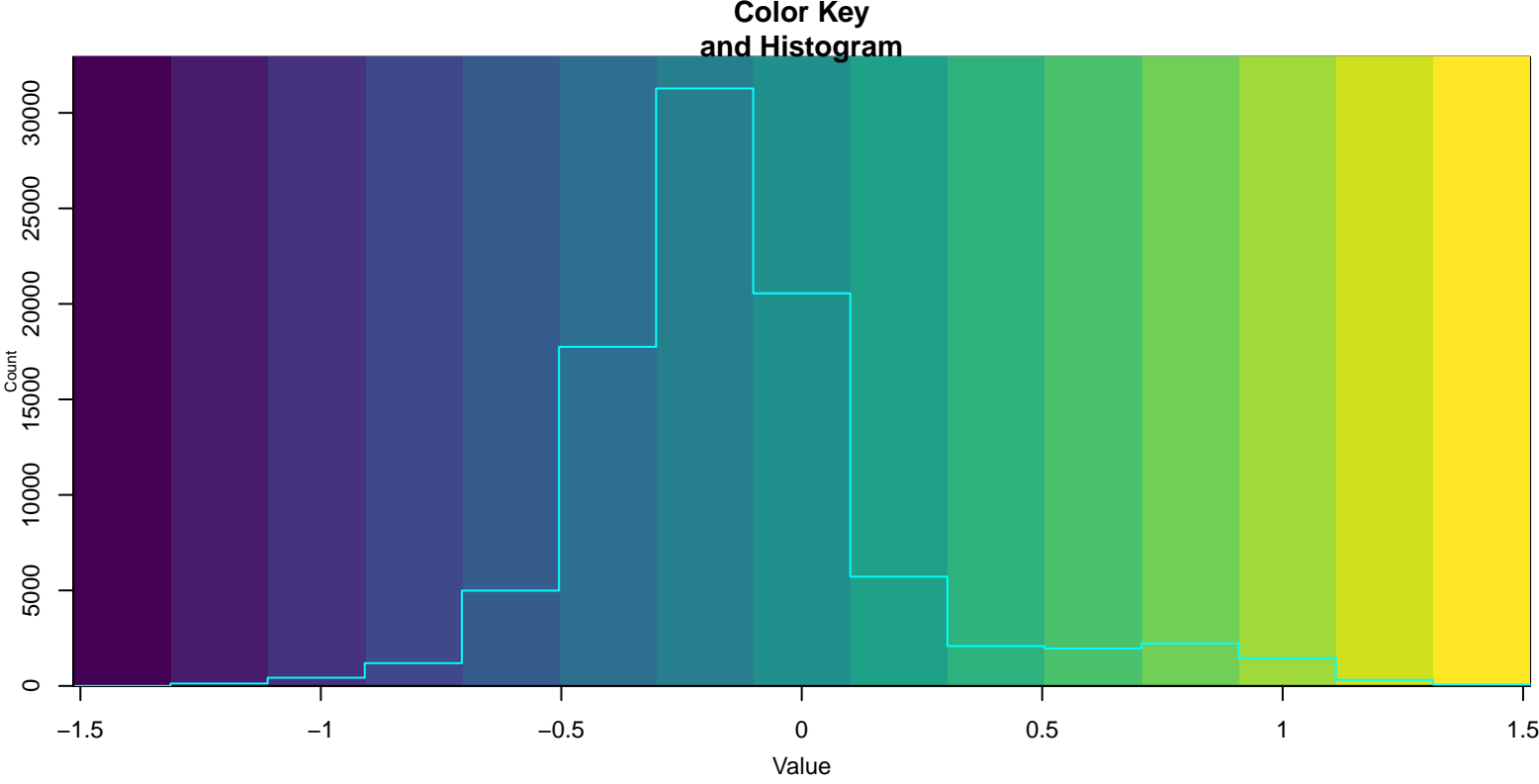
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Cotwellia sp. 12G3
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Cotwellia psychrerythraea strain 38_32_sub10_T18
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Cotwellia aestuarii strain CGMCC1.6965
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Cotwellia sp. MB02u-7
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Cotwellia hornerae strain IC036
Cotwellia hornerae strain IC037
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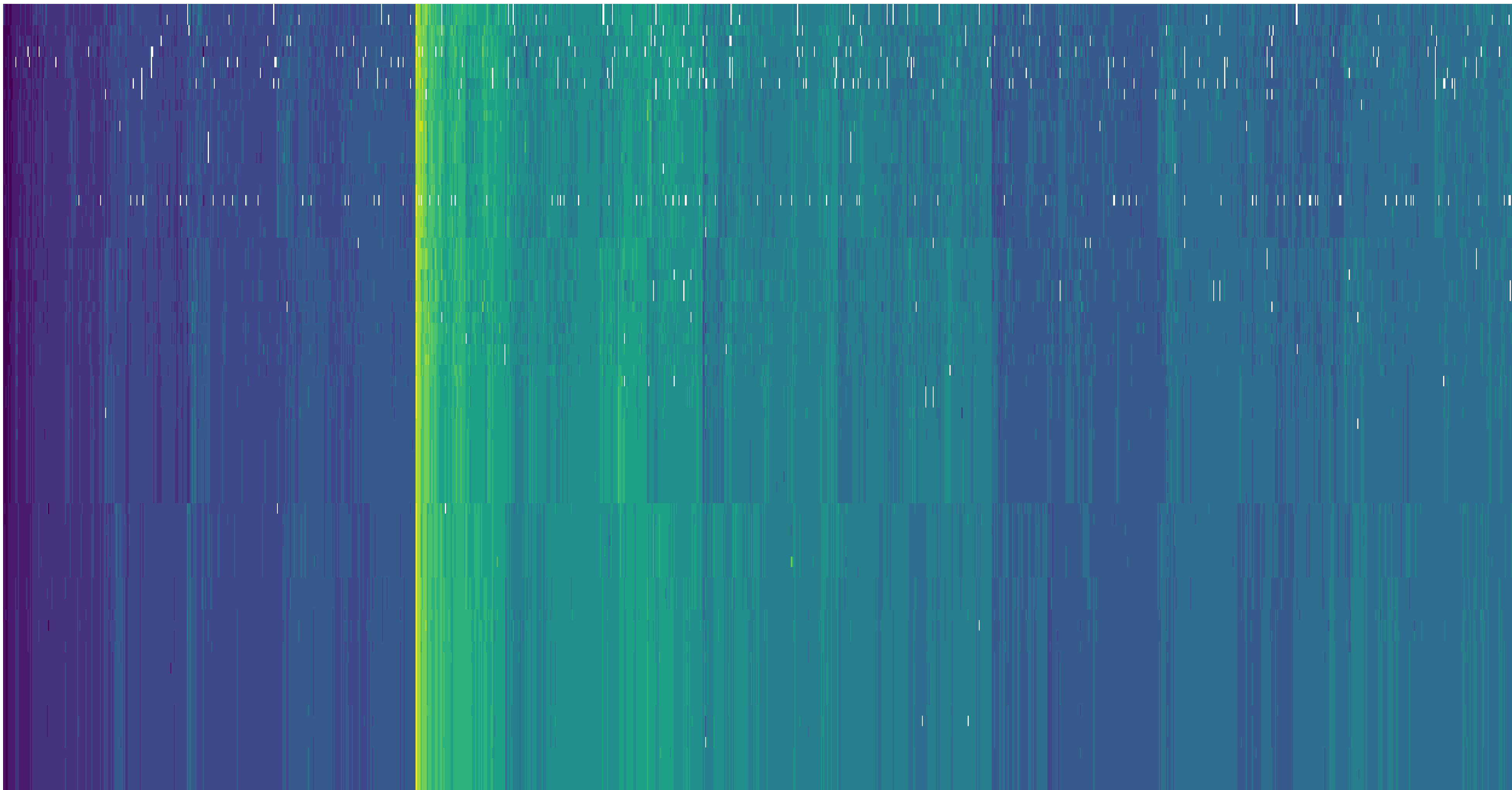
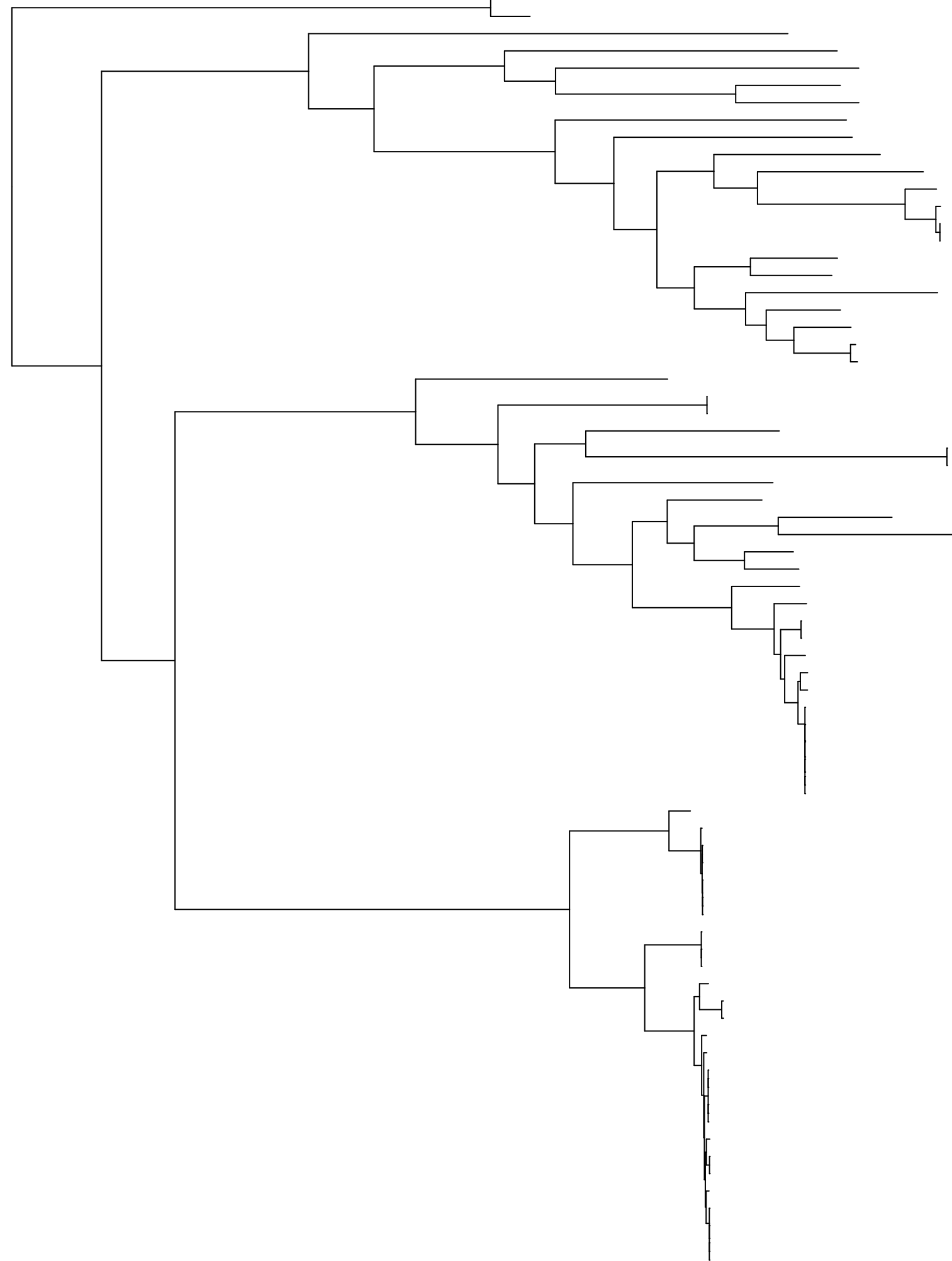
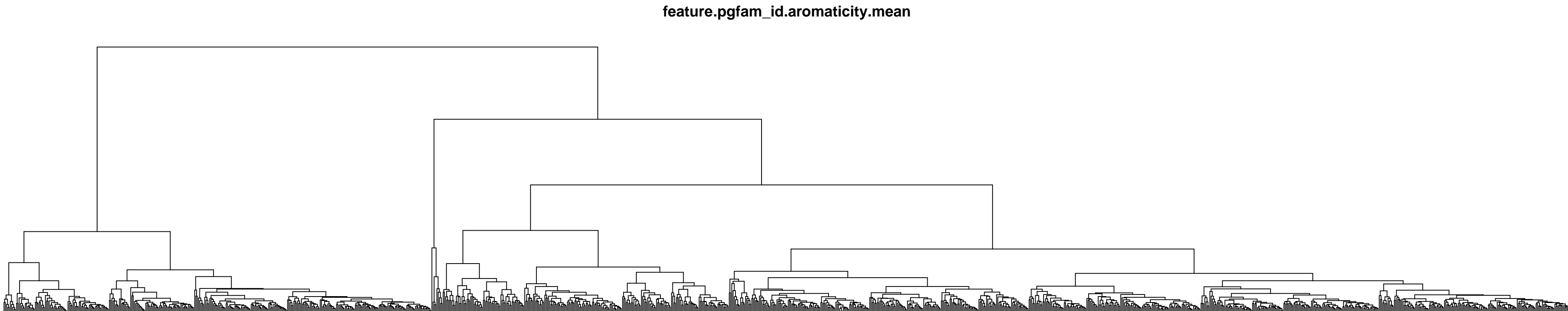
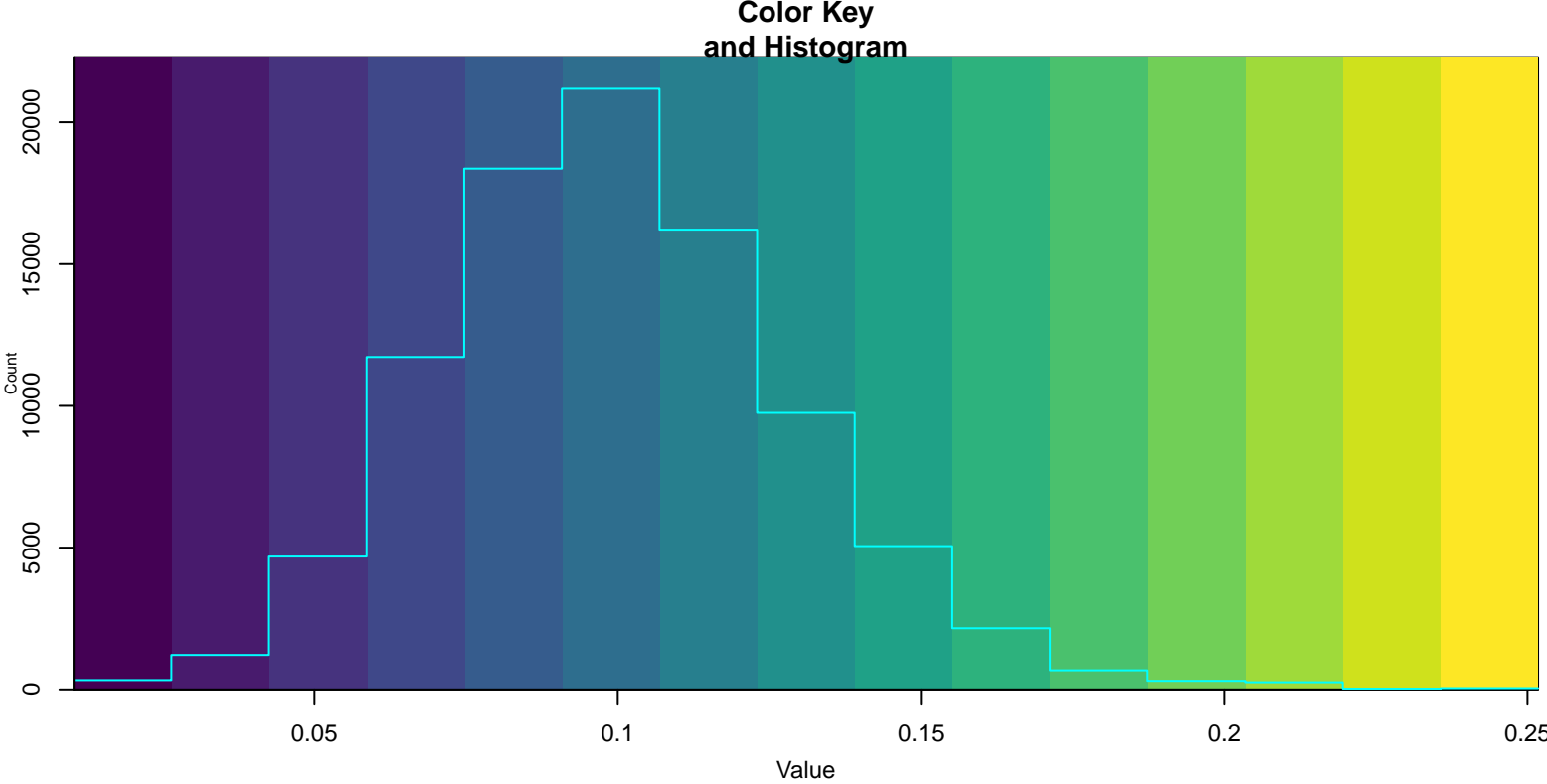


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Cowellia sp. 12G3
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Cowellia psychrerythraea 34H
Cowellia mytili strain KCTC 52417
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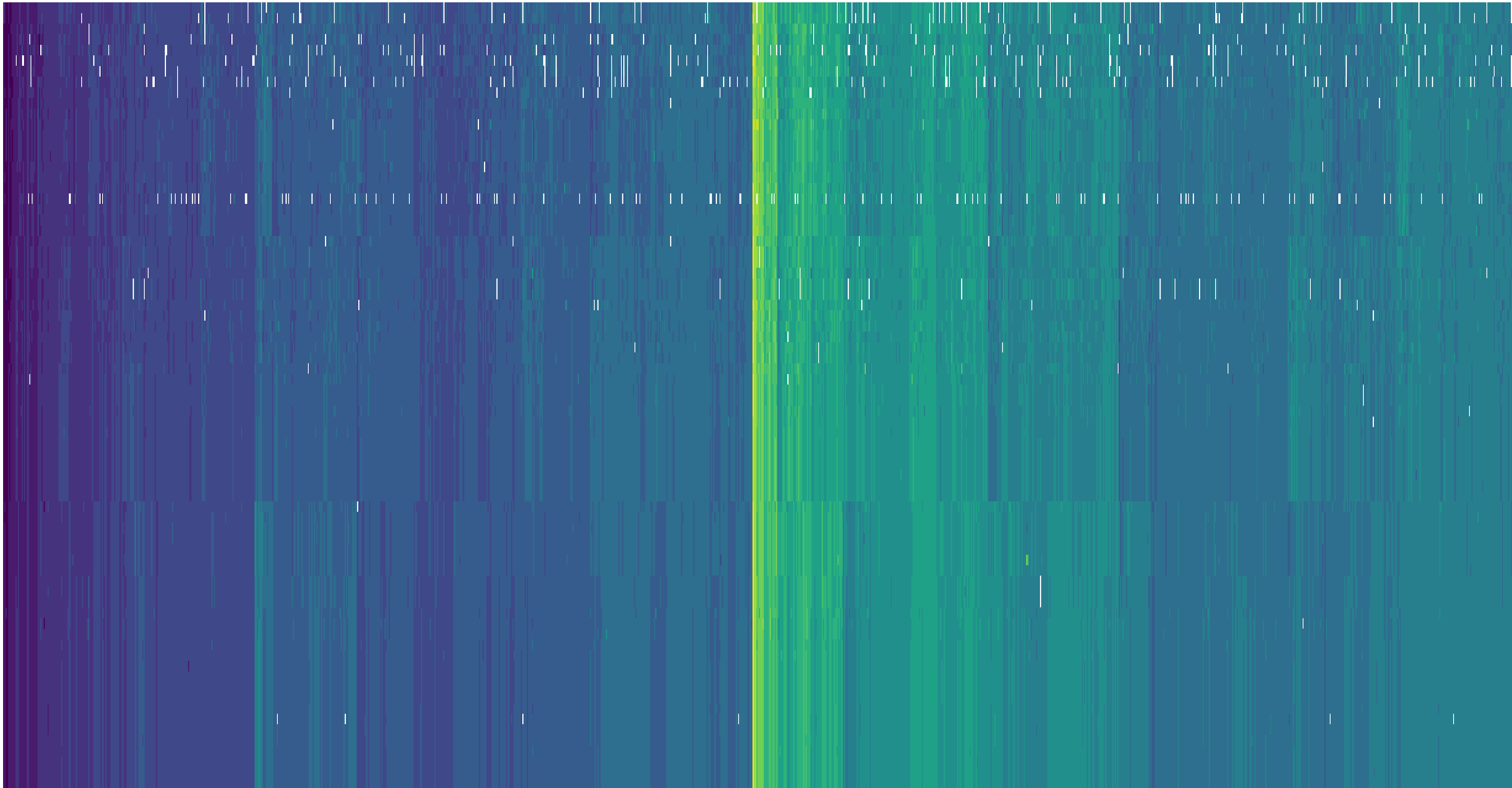
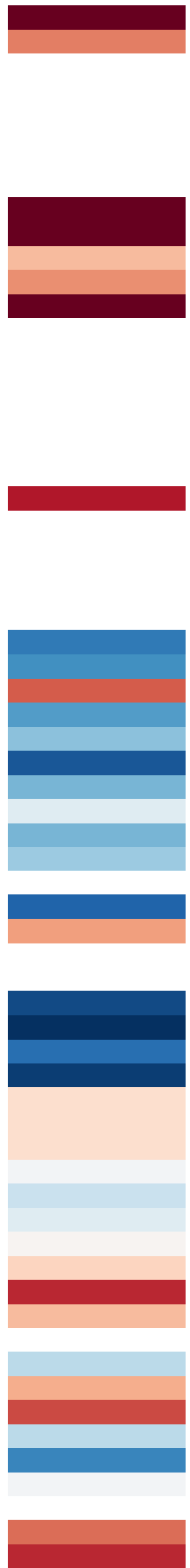
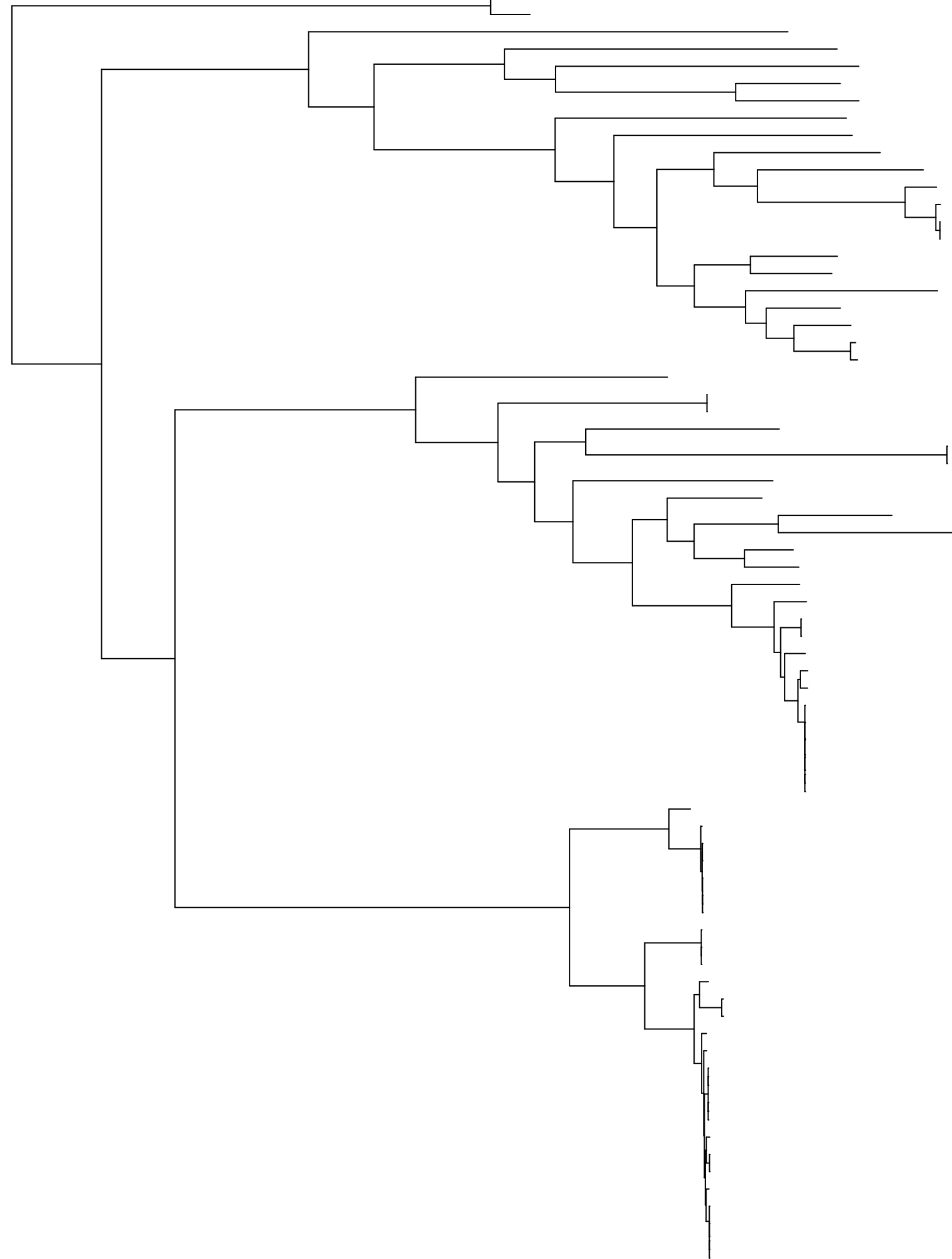
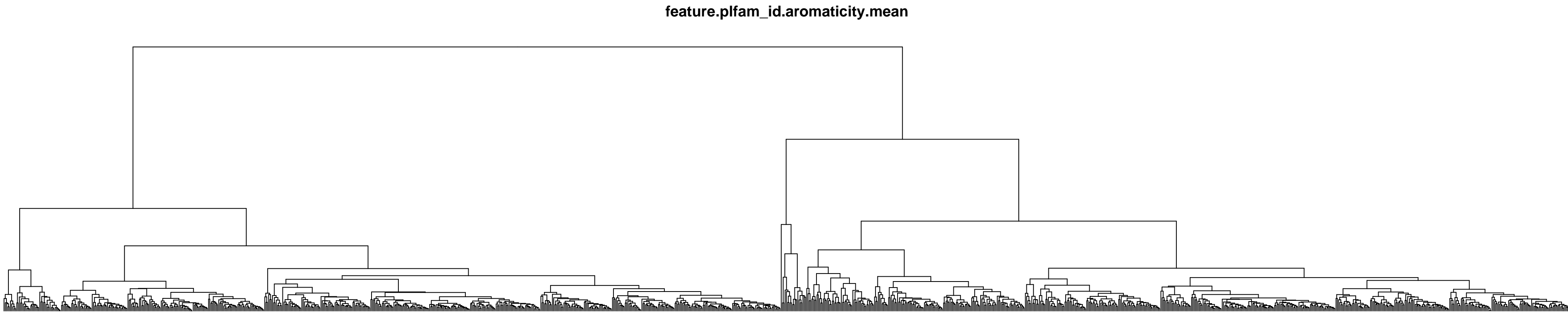
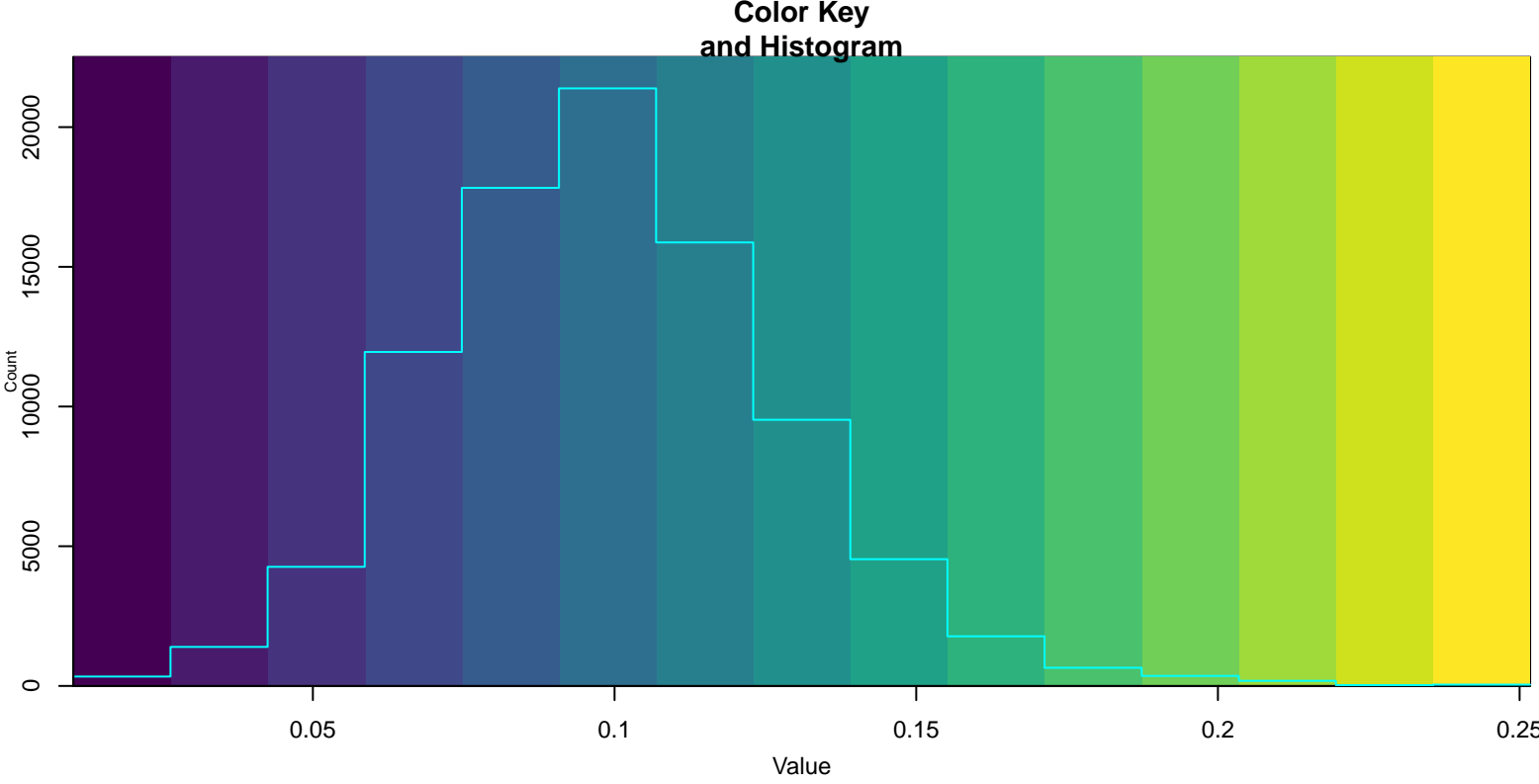
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Cotwellia psychrerythraea strain 38_32_sub10_T18
Cotwellia demingiae strain ACAM 459
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Cotwellia polaris strain MCCC1C00015
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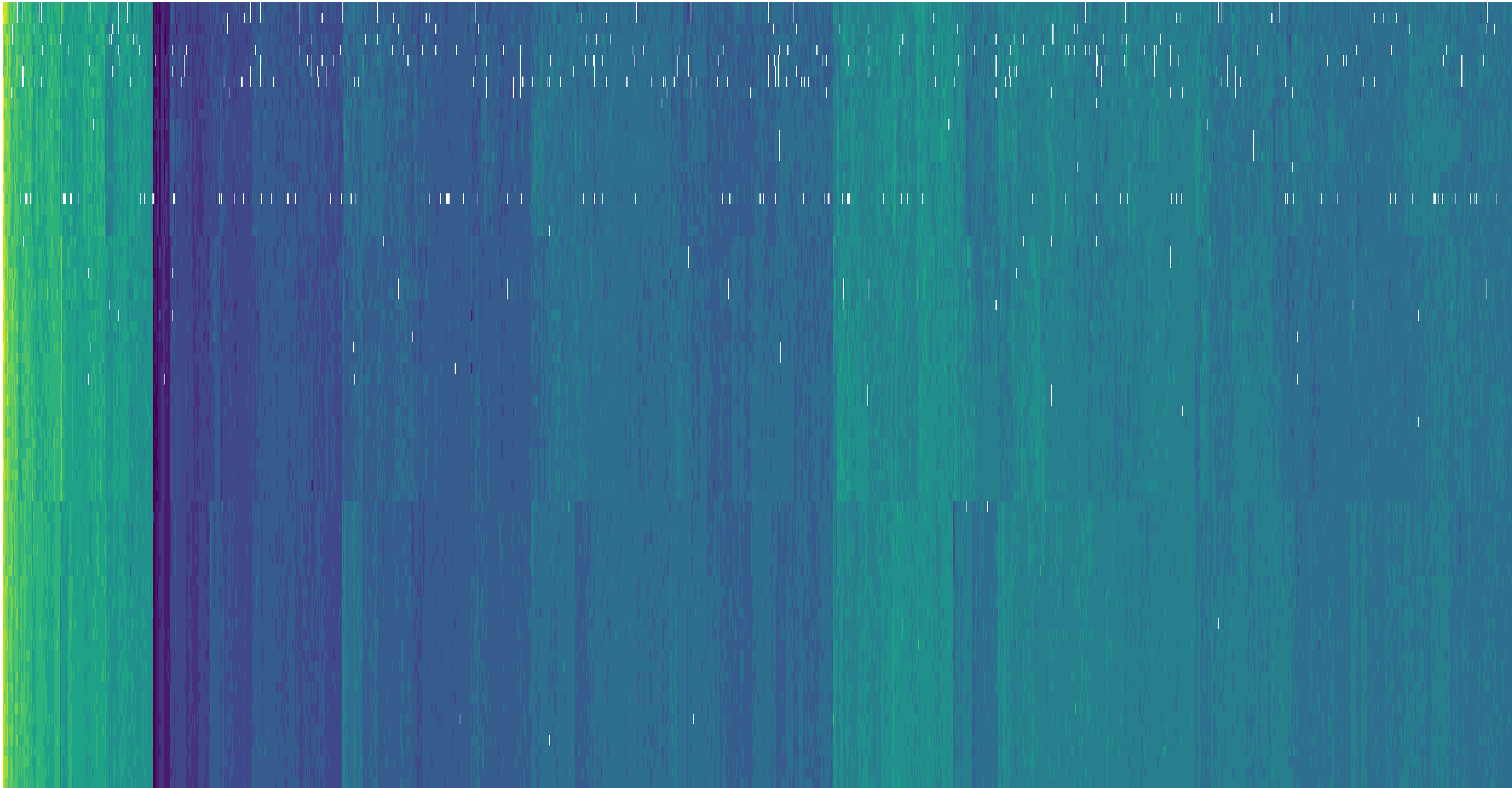
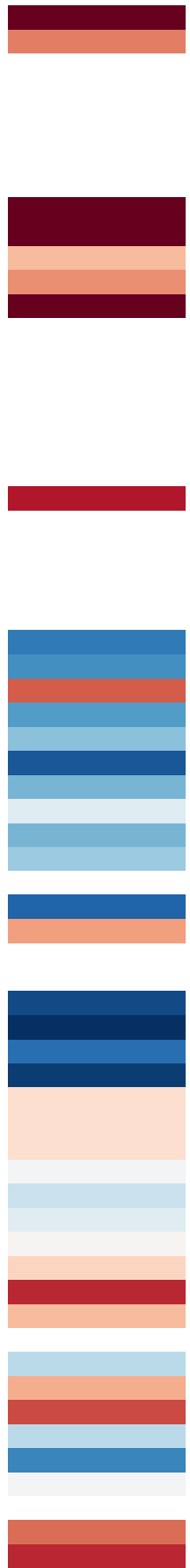
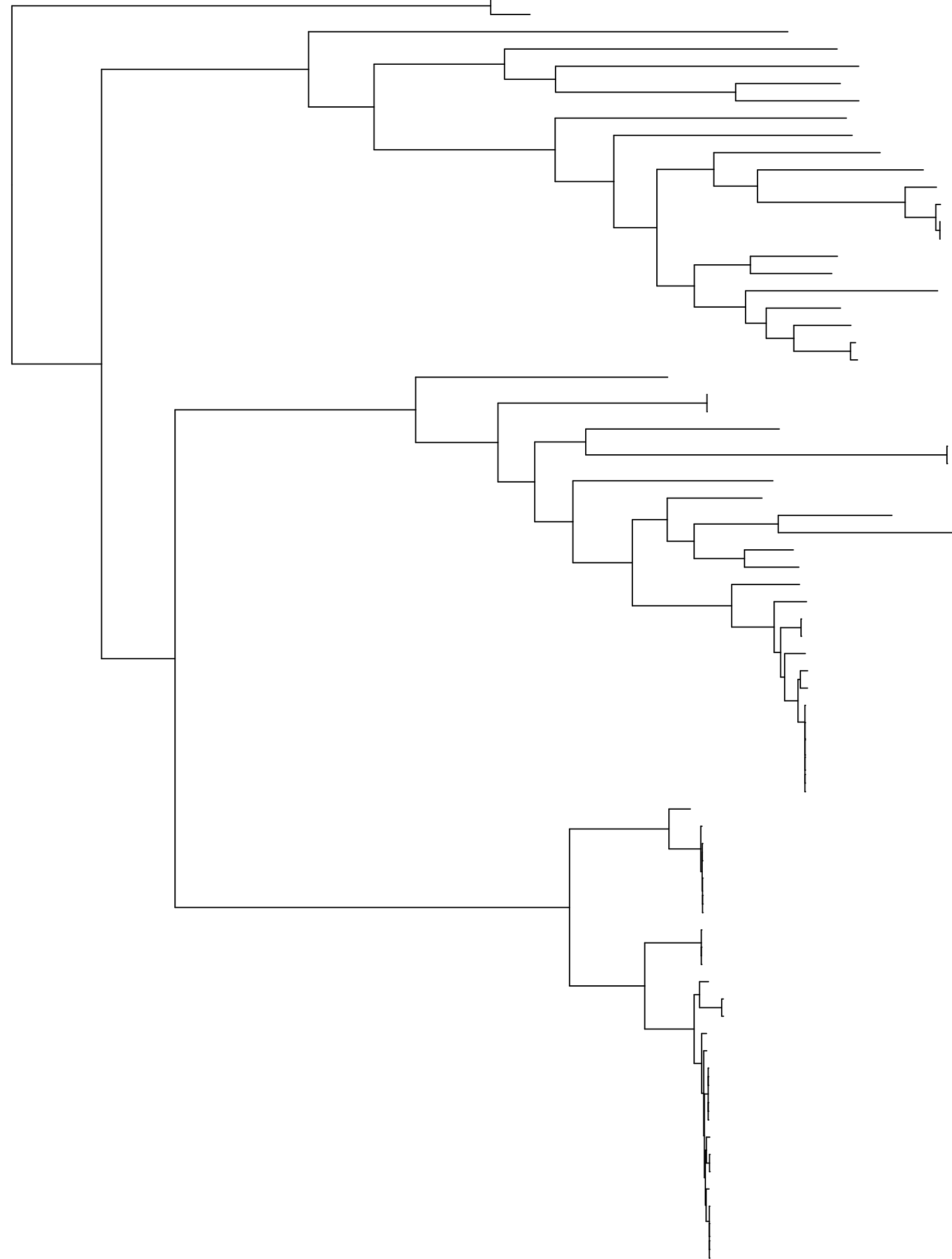
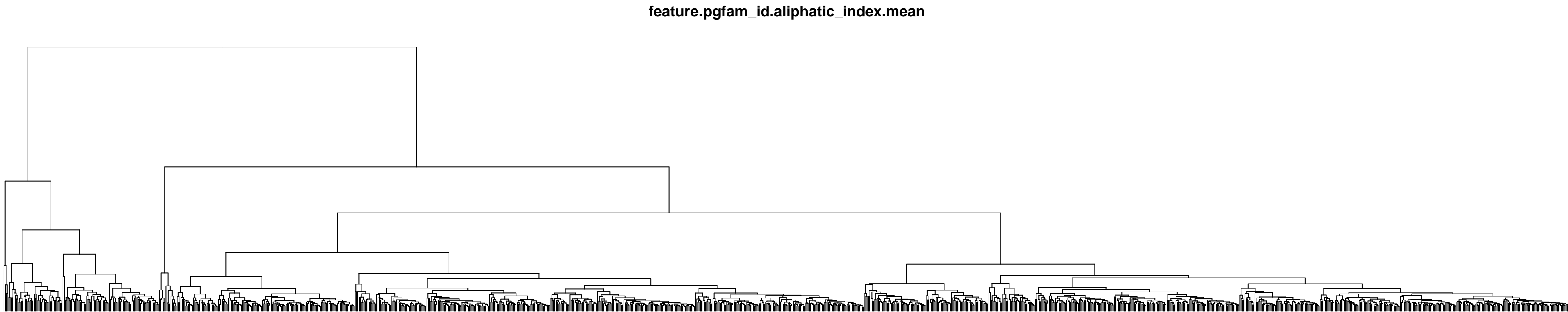
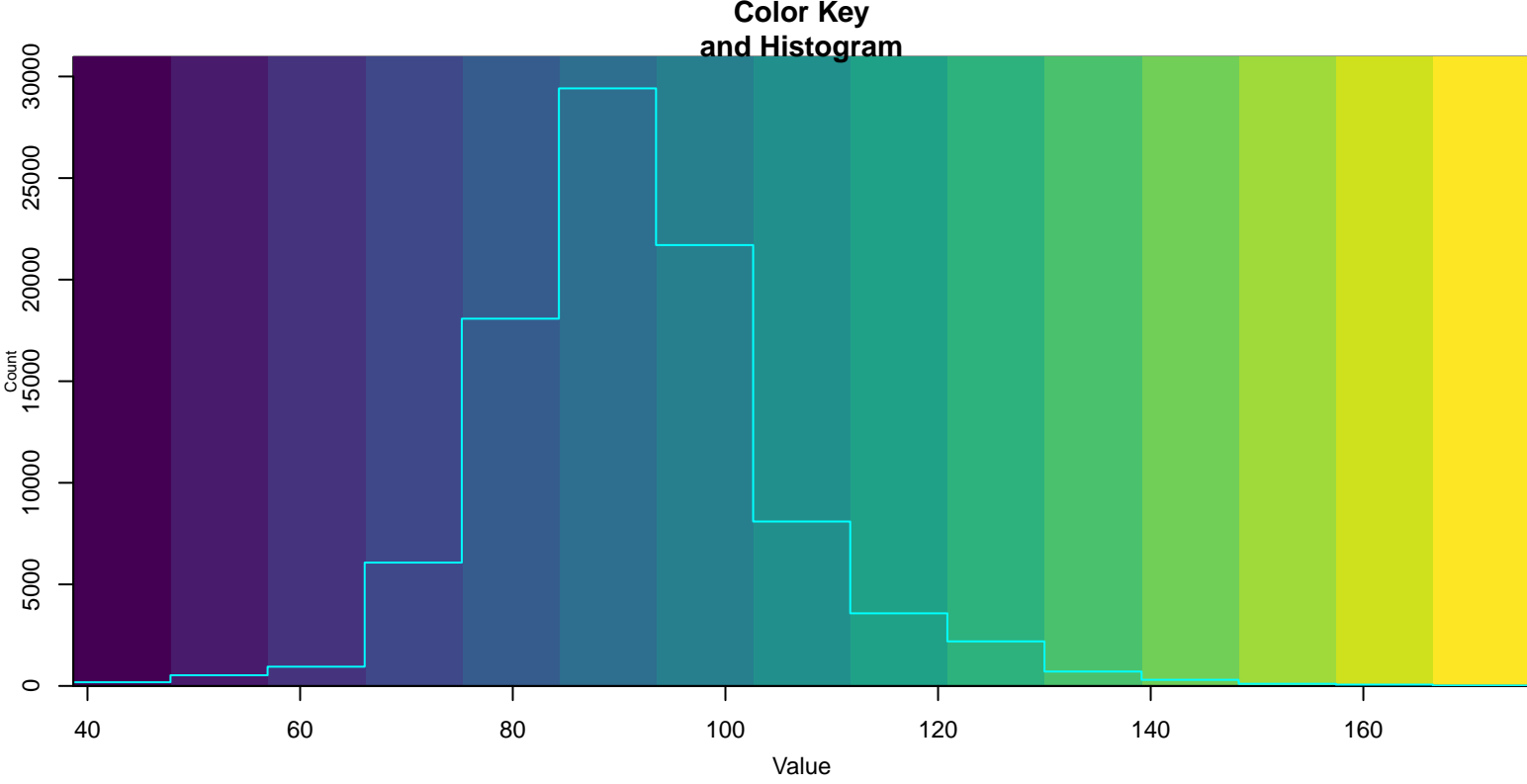
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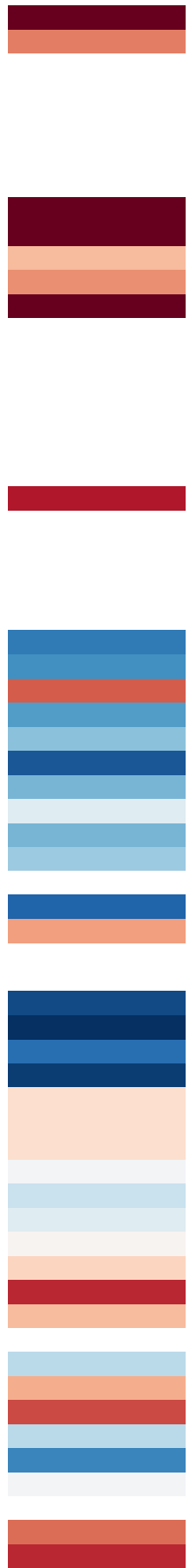
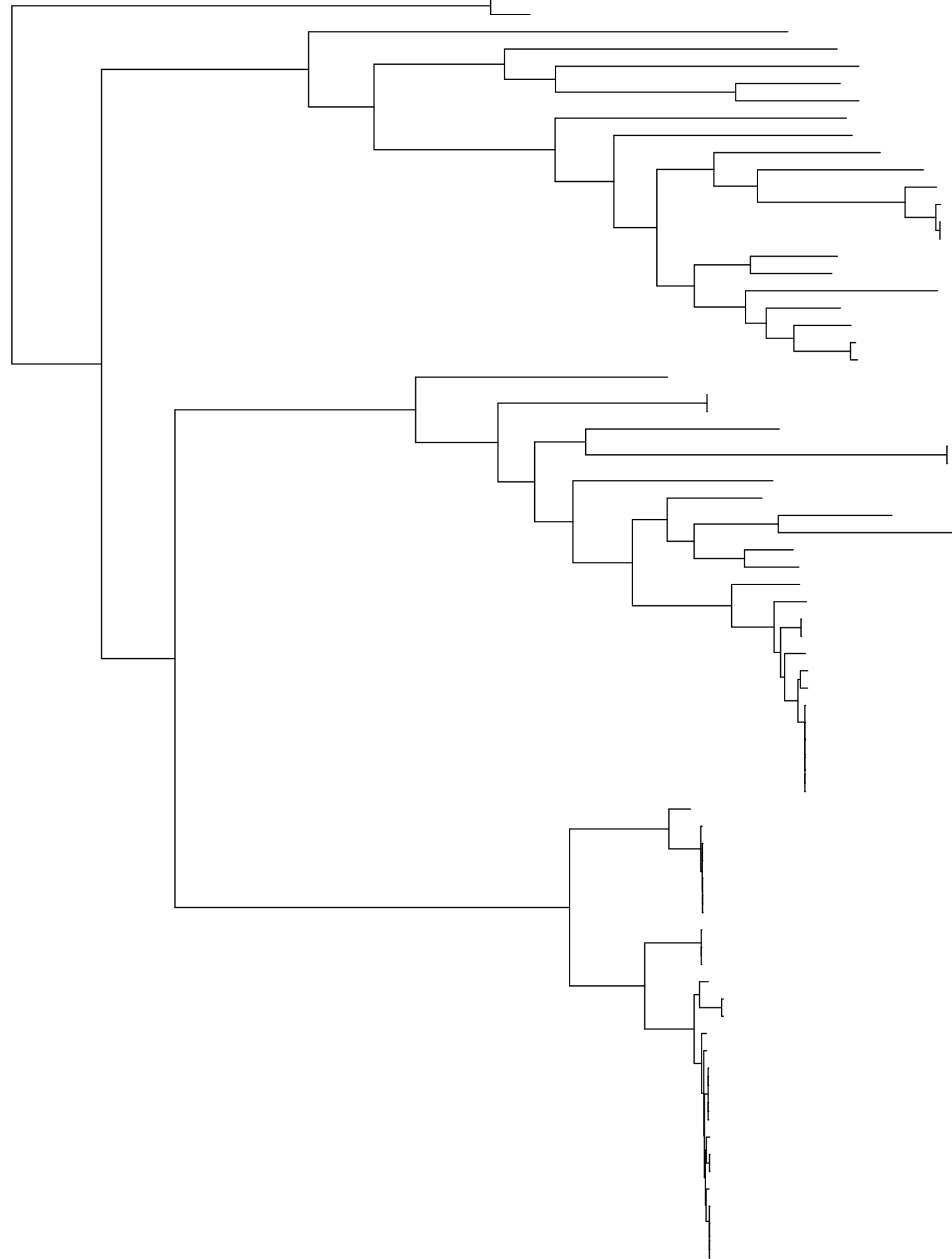
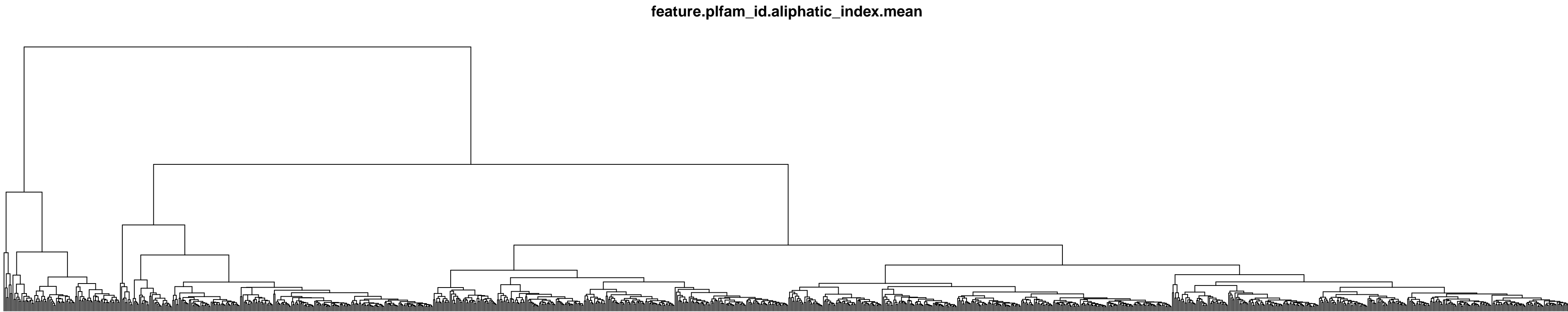
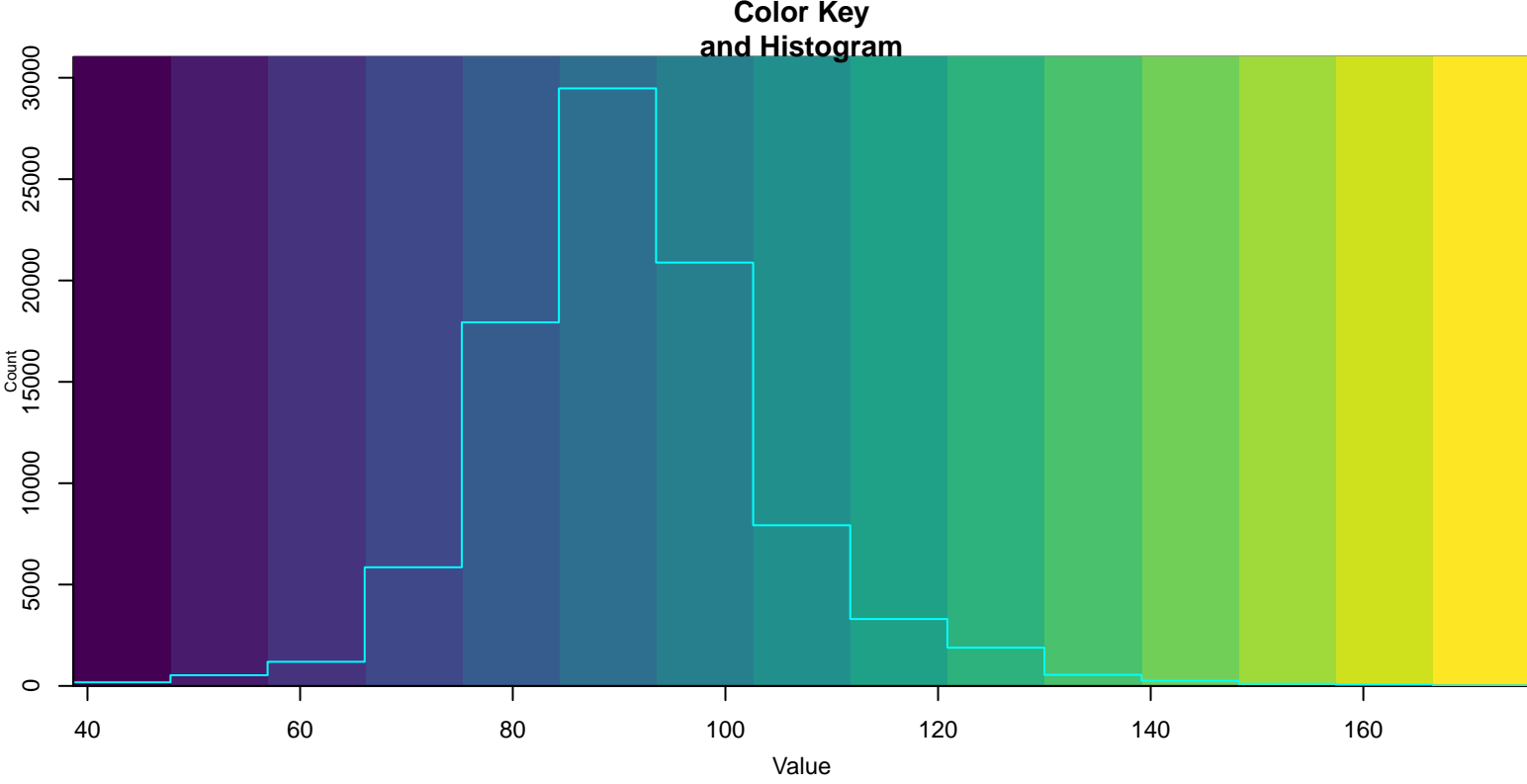
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Cowellia psychrerythraea 34H
Cowellia mytili strain KCTC 52417
Cowellia aestuarii strain CGMCC1.6965
Cowellia sediminitoris strain KCTC 12480
Cowellia chukchiensis strain CGMCC1.9127
Cowellia chukchiensis strain CGMCC 1.9127
Cowellia sp. Arc7-635
Cowellia sp. BRX10-3
Cowellia sp. Arc7-D
Cowellia polaris strain MCCC1C00015
Cowellia sp. PAMC 21821 strain PAMC 21821
Cowellia sp. NB097-1 strain NB097-1
Cowellia sp. C1TZA3
Cowellia sp. MB02u-6
Cowellia sp. MB3u-70
Cowellia sp. MB3u-8
Cowellia sp. MB02u-10
Cowellia sp. MB02u-9
Cowellia sp. MB3u-4
Cowellia sp. MB02u-19
Cowellia sp. MB02u-18
Cowellia sp. MB02u-12
Cowellia sp. MB3u-45
Cowellia sp. MB02u-1
Cowellia sp. Bg11-12
Cowellia sp. MB3u-41
Cowellia sp. MB3u-28
Cowellia sp. MB3u-64
Cowellia sp. MB02u-11
Cowellia sp. MB02u-7
Cowellia hornerae strain ACAM 607
Cowellia hornerae strain IC036
Cowellia hornerae strain IC037
Cowellia sp. BRX8-3
Cowellia sp. MB3u-55
Cowellia sp. BRX10-4
Cowellia sp. BRX8-7
Cowellia sp. BRX8-4
Cowellia sp. BRX10-5
Cowellia sp. BRX10-1
Cowellia sp. BRX10-2
Cowellia sp. BRX9-1
Cowellia sp. BRX10-6
Cowellia sp. BRX10-9
Cowellia sp. BRX8-9
Cowellia sp. BRX8-2
Cowellia sp. BRX8-6
Cowellia sp. BRX8-5



Cowellia sp. QM50 strain QM50
Cowellia sp. UCD-KL20 strain UCD-KL20
Cowellia sp. RSH04
Cowellia sp. 20A7
Cowellia sp. 39_35_sub15_T18 strain 39_35_sub15_T18
Cowellia sp. strain NORP29
Cowellia sp. Bin11-node4
Cowellia sp. A3T
Cowellia sp. OISW-25
Cowellia psychrerythraea GAB14E
Cowellia piezophila ATCC BAA-637
Cowellia sp. TT2012
Cowellia sp. MT41
Cowellia sp. MT2012
Cowellia marinimaniae strain MTCD1
Cowellia sp. 75C3
Cowellia sp. 12G3
Cowellia psychrerythraea ND2E
Cowellia psychrerythraea strain 38_32_sub10_T18
Cowellia demingiae strain ACAM 459
Cowellia sp. Bg11-28
Cowellia psychrerythraea 34H
Cowellia mytili strain KCTC 52417
Cowellia aestuarii strain CGMCC1.6965
Cowellia aestuarii strain KCTC 12480
Cowellia sediminitoris strain KCTC 52213
Cowellia chukchiensis strain CGMCC1.9127
Cowellia chukchiensis strain CGMCC 1.9127
Cowellia sp. Arc7-635
Cowellia sp. BRX10-3
Cowellia sp. Arc7-D
Cowellia polaris strain MCCC1C00015
Cowellia sp. PAMC 21821 strain PAMC 21821
Cowellia sp. NB097-1 strain NB097-1
Cowellia sp. C1TZA3
Cowellia sp. MB02u-6
Cowellia sp. MB3u-70
Cowellia sp. MB3u-8
Cowellia sp. MB02u-10
Cowellia sp. MB02u-9
Cowellia sp. MB3u-4
Cowellia sp. MB02u-19
Cowellia sp. MB02u-18
Cowellia sp. MB02u-12
Cowellia sp. MB3u-45
Cowellia sp. MB02u-1
Cowellia sp. Bg11-12
Cowellia sp. MB3u-41
Cowellia sp. MB3u-28
Cowellia sp. MB3u-64
Cowellia sp. MB02u-11
Cowellia sp. MB02u-7
Cowellia hornerae strain ACAM 607
Cowellia hornerae strain IC036
Cowellia hornerae strain IC037
Cowellia sp. BRX8-3
Cowellia sp. MB3u-55
Cowellia sp. BRX10-4
Cowellia sp. BRX8-7
Cowellia sp. BRX8-4
Cowellia sp. BRX10-5
Cowellia sp. BRX10-1
Cowellia sp. BRX10-2
Cowellia sp. BRX9-1
Cowellia sp. BRX10-6
Cowellia sp. BRX10-9
Cowellia sp. BRX8-9
Cowellia sp. BRX8-2
Cowellia sp. BRX8-6
Cowellia sp. BRX8-5



Cotwellia sp. QM50 strain QM50
Cotwellia sp. UCD-KL20 strain UCD-KL20
Cotwellia sp. RSH04
Cotwellia sp. 20A7
Cotwellia sp. 39_35_sub15_T18 strain 39_35_sub15_T18
Cotwellia sp. strain NORP29
Cotwellia sp. Bin11-node4
Cotwellia sp. A3T
Cotwellia sp. OISW-25
Cotwellia psychrerythraea GAB14E
Cotwellia piezophila ATCC BAA-637
Cotwellia sp. TT2012
Cotwellia sp. MT41
Cotwellia sp. MT2012
Cotwellia marinimaniae strain MTCD1
Cotwellia sp. 75C3
Cotwellia sp. 12G3
Cotwellia psychrerythraea ND2E
Cotwellia psychrerythraea strain 38_32_sub10_T18
Cotwellia demingiae strain ACAM 459
Cotwellia sp. Bg11-28
Cotwellia psychrerythraea 34H
Cotwellia mytili strain KCTC 52417
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Cotwellia sediminitoris strain KCTC 12480
Cotwellia chukchiensis strain CGMCC1.9127
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Cotwellia sp. Arc7-635
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Cotwellia polaris strain MCCC1C00015
Cotwellia sp. PAMC 21821 strain PAMC 21821
Cotwellia sp. NB097-1 strain NB097-1
Cotwellia sp. C1TZA3
Cotwellia sp. MB02u-6
Cotwellia sp. MB3u-70
Cotwellia sp. MB3u-8
Cotwellia sp. MB02u-10
Cotwellia sp. MB02u-9
Cotwellia sp. MB3u-4
Cotwellia sp. MB02u-19
Cotwellia sp. MB02u-18
Cotwellia sp. MB02u-12
Cotwellia sp. MB3u-45
Cotwellia sp. MB02u-1
Cotwellia sp. Bg11-12
Cotwellia sp. MB3u-41
Cotwellia sp. MB3u-28
Cotwellia sp. MB3u-64
Cotwellia sp. MB02u-11
Cotwellia sp. MB02u-7
Cotwellia hornerae strain ACAM 607
Cotwellia hornerae strain IC036
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Cotwellia sp. BRX8-3
Cotwellia sp. MB3u-55
Cotwellia sp. BRX10-4
Cotwellia sp. BRX8-7
Cotwellia sp. BRX8-4
Cotwellia sp. BRX10-5
Cotwellia sp. BRX10-1
Cotwellia sp. BRX10-2
Cotwellia sp. BRX9-1
Cotwellia sp. BRX10-6
Cotwellia sp. BRX10-9
Cotwellia sp. BRX8-9
Cotwellia sp. BRX8-2
Cotwellia sp. BRX8-6
Cotwellia sp. BRX8-5