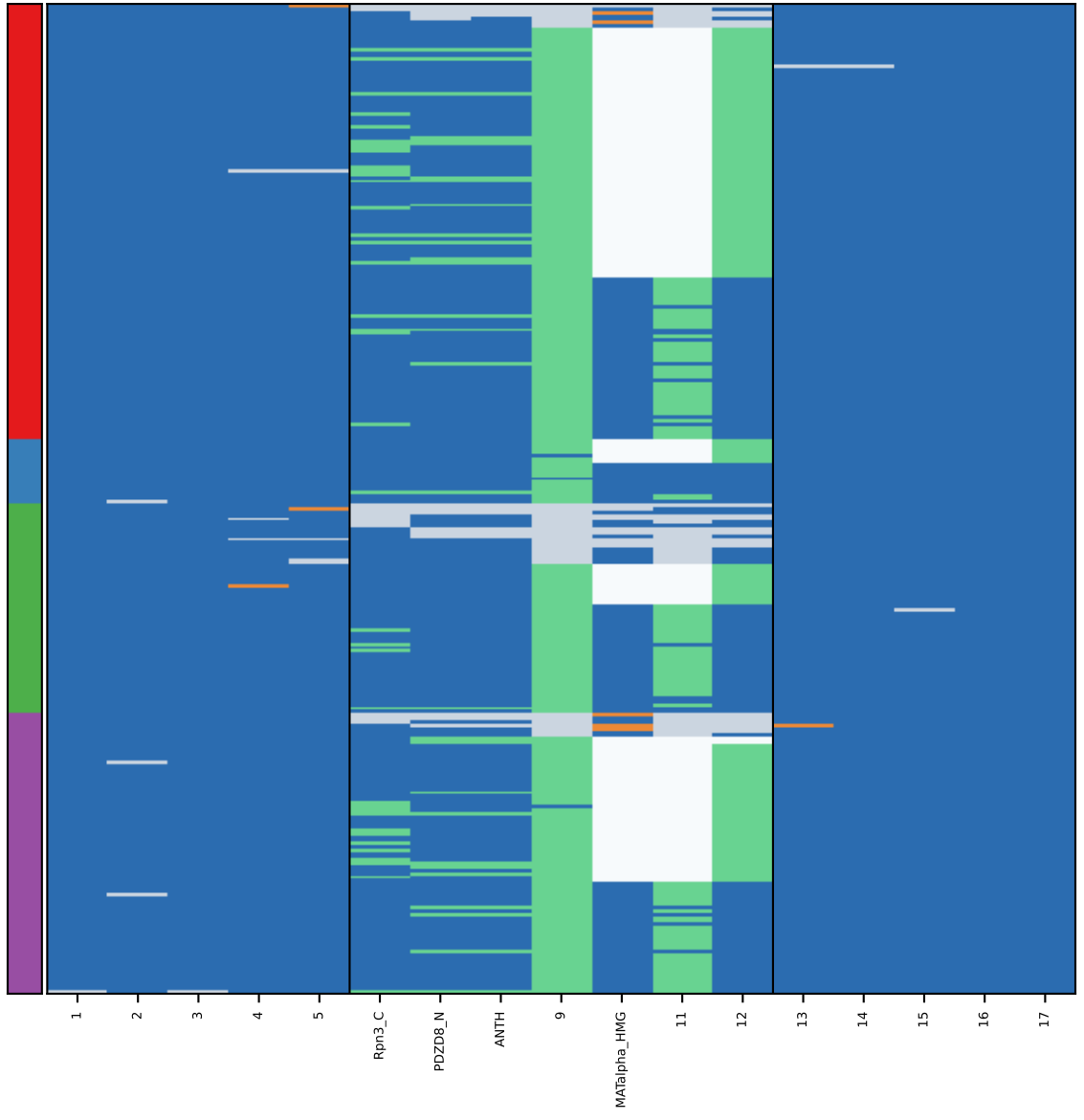
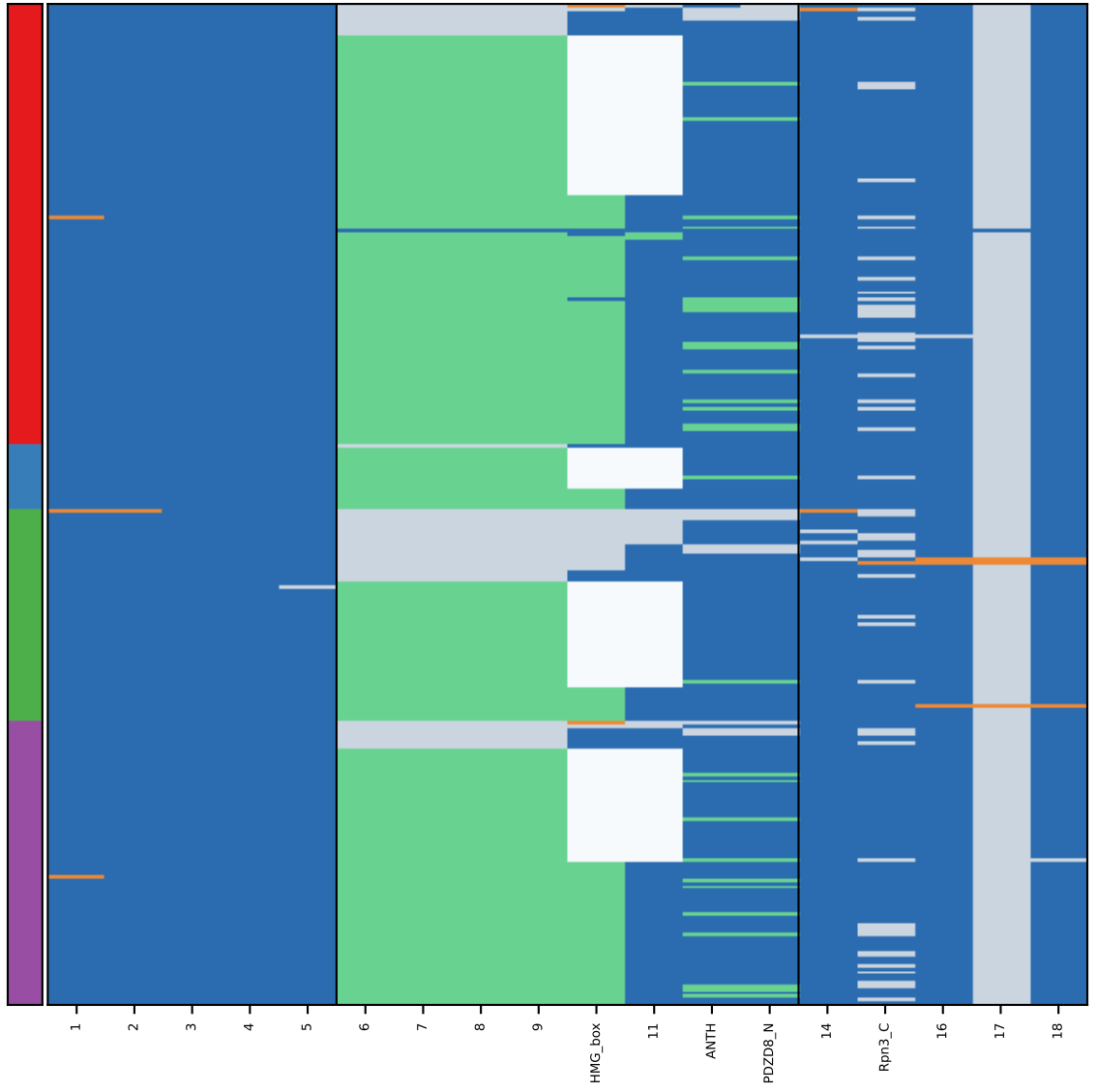
L001 7 genes content 93% of 293 strains type: swap_candidate Known: MAT

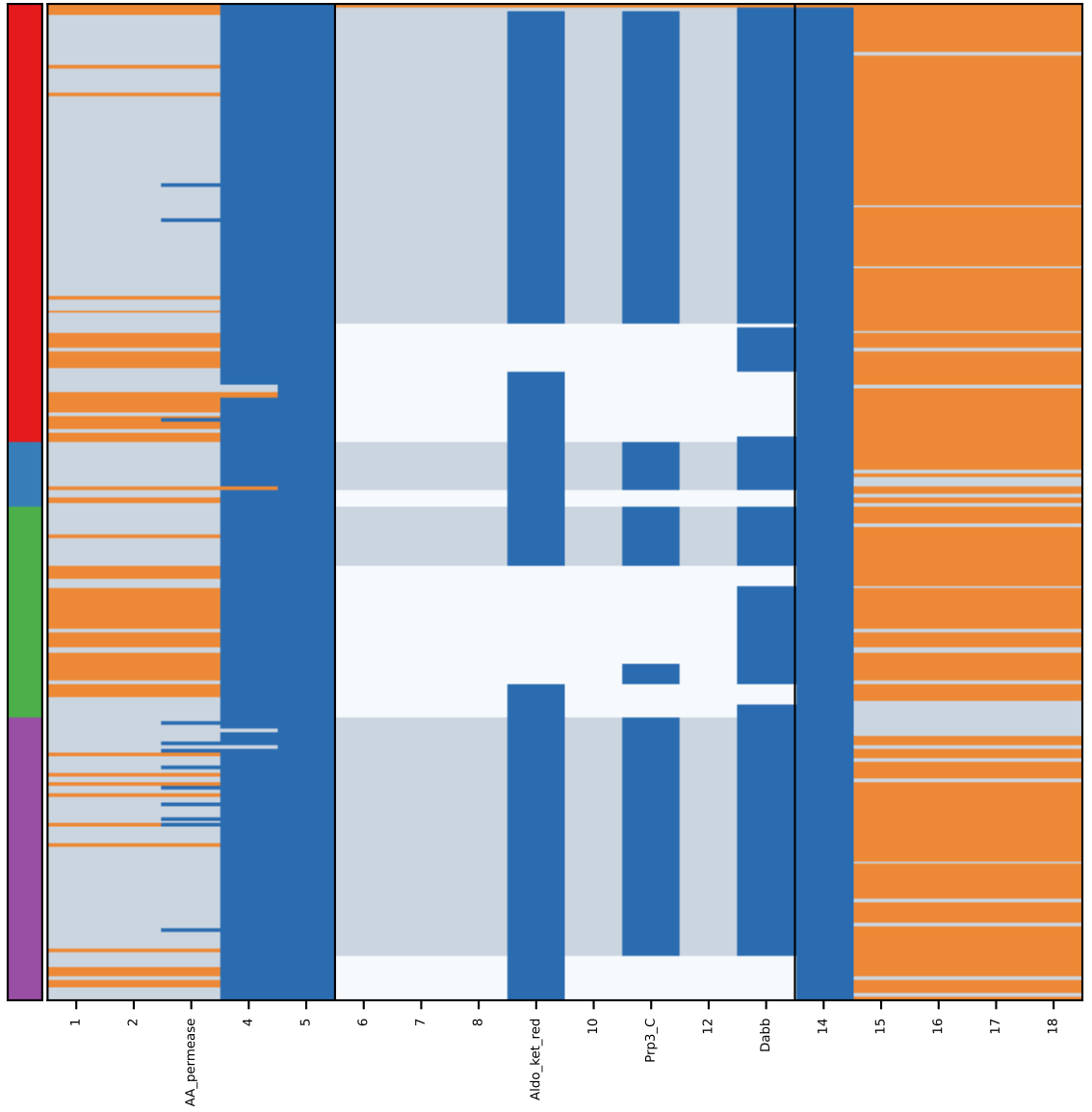


L002 8 genes content 91% of 293 strains type: swap_candidate Known: MAT

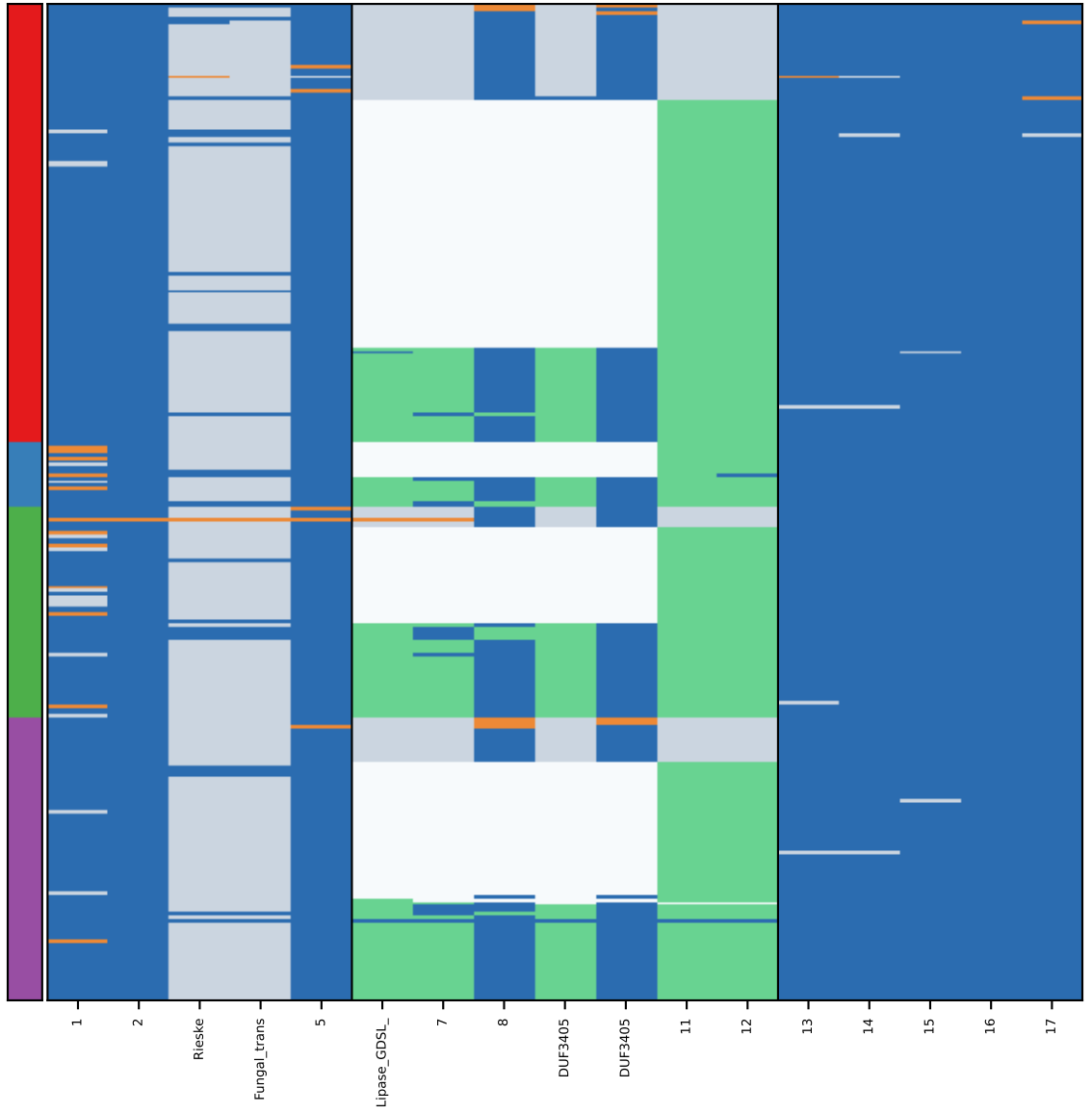


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

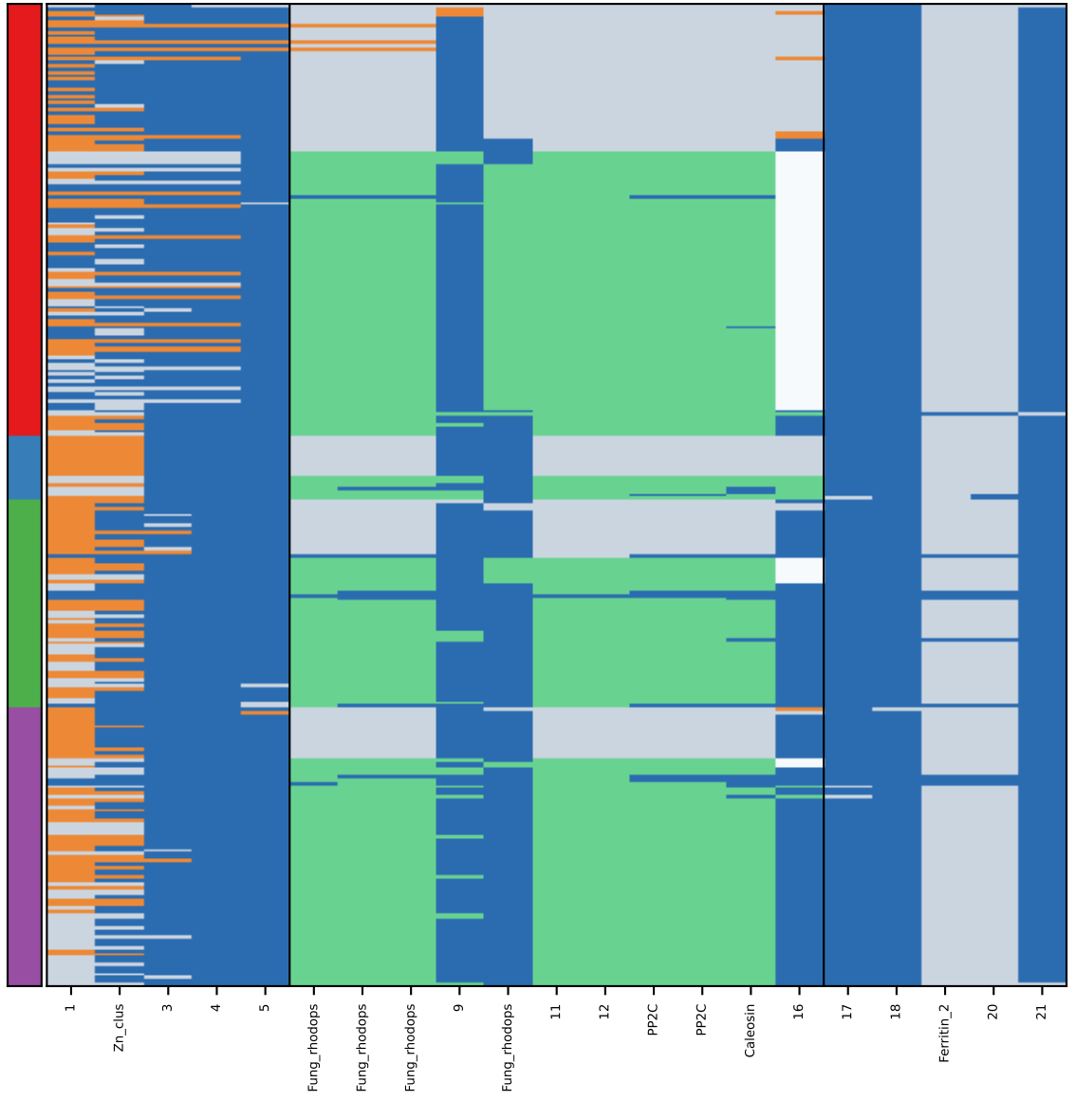
L003 8 genes content 0% of 293 strains type: unresolved



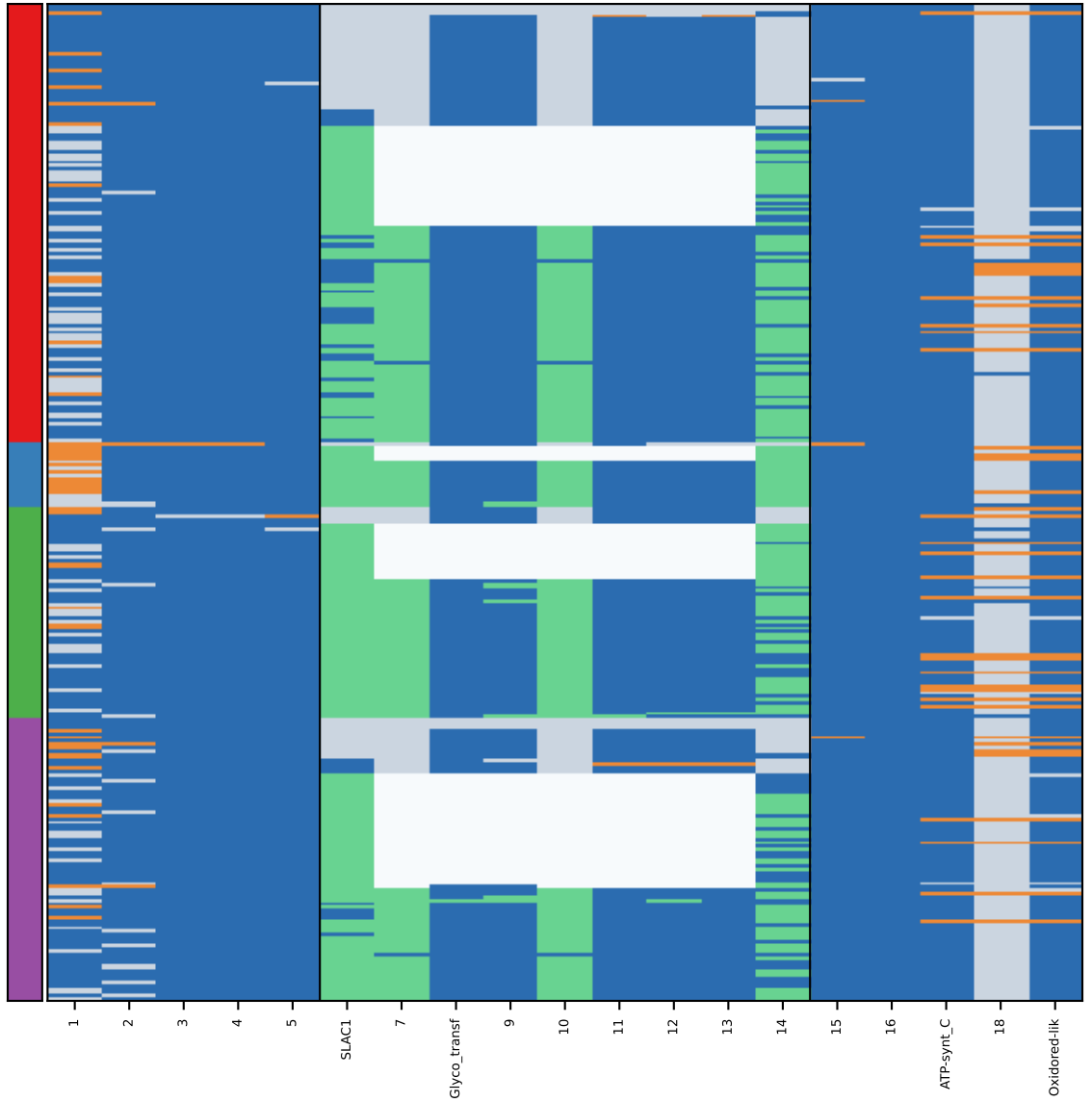
L004 7 genes content 32% of 293 strains type: swap_candidate



L005 11 genes content 70% of 293 strains type: swap_candidate

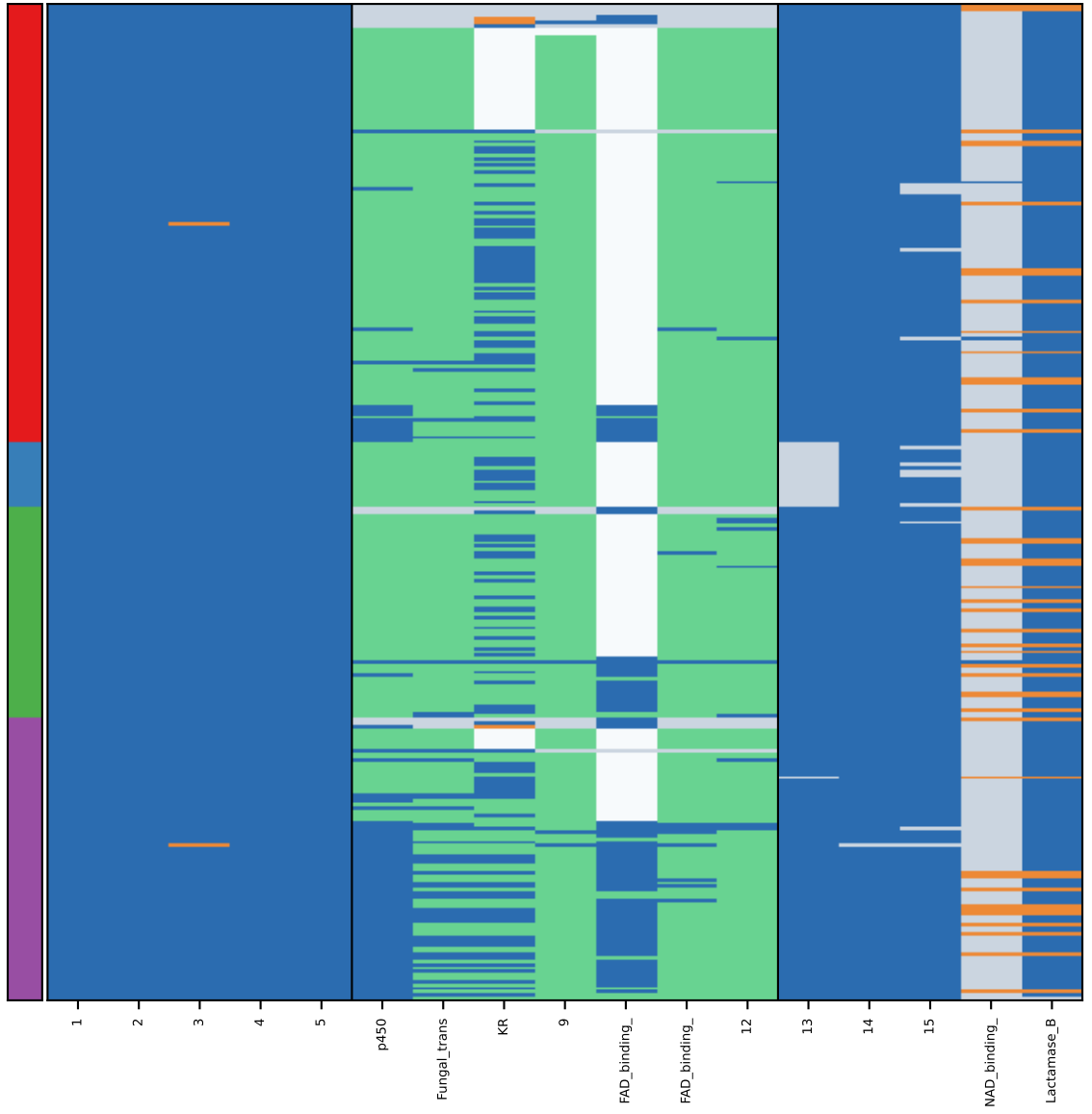


L006 9 genes content 69% of 293 strains type: swap_candidate

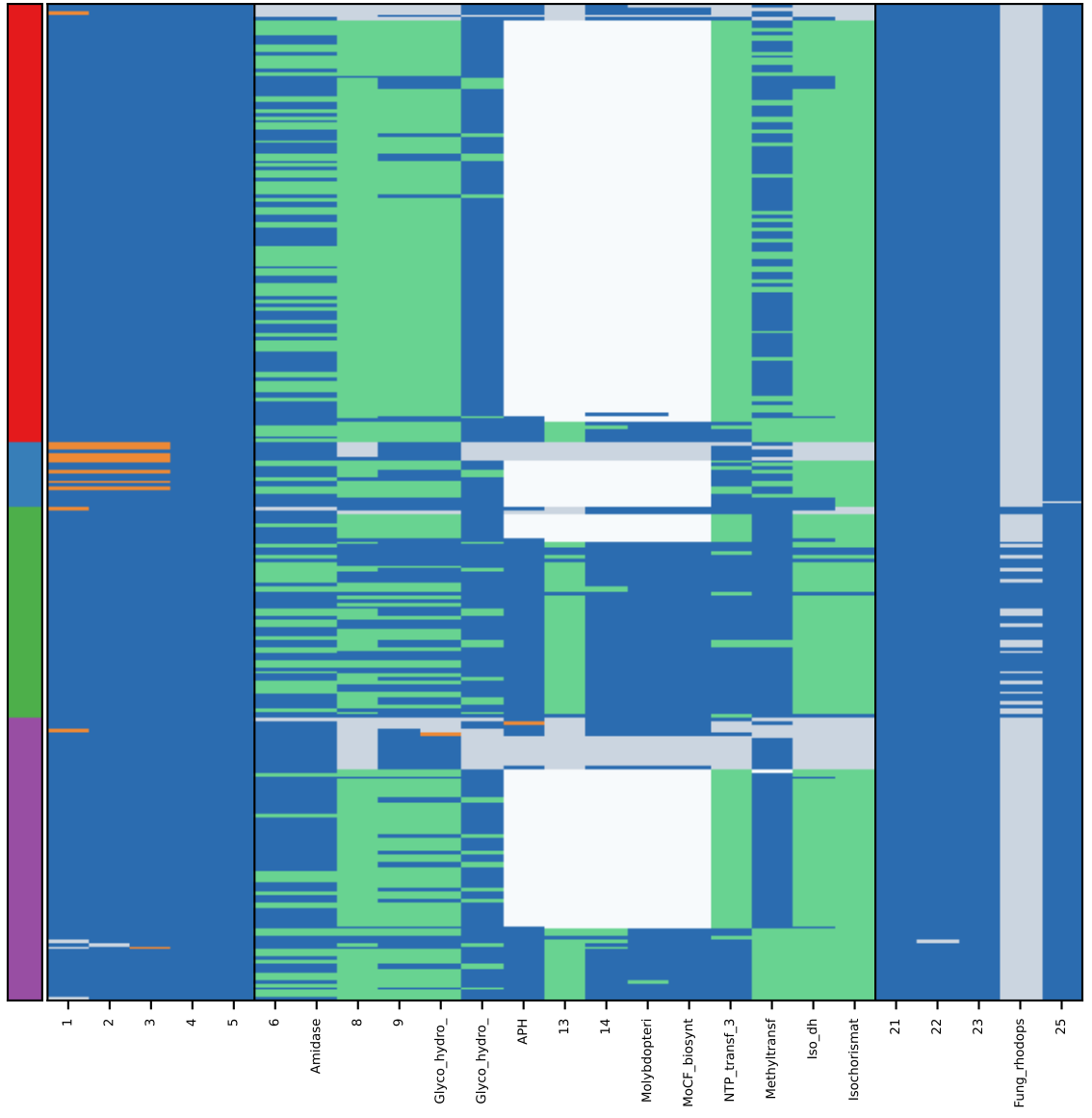


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

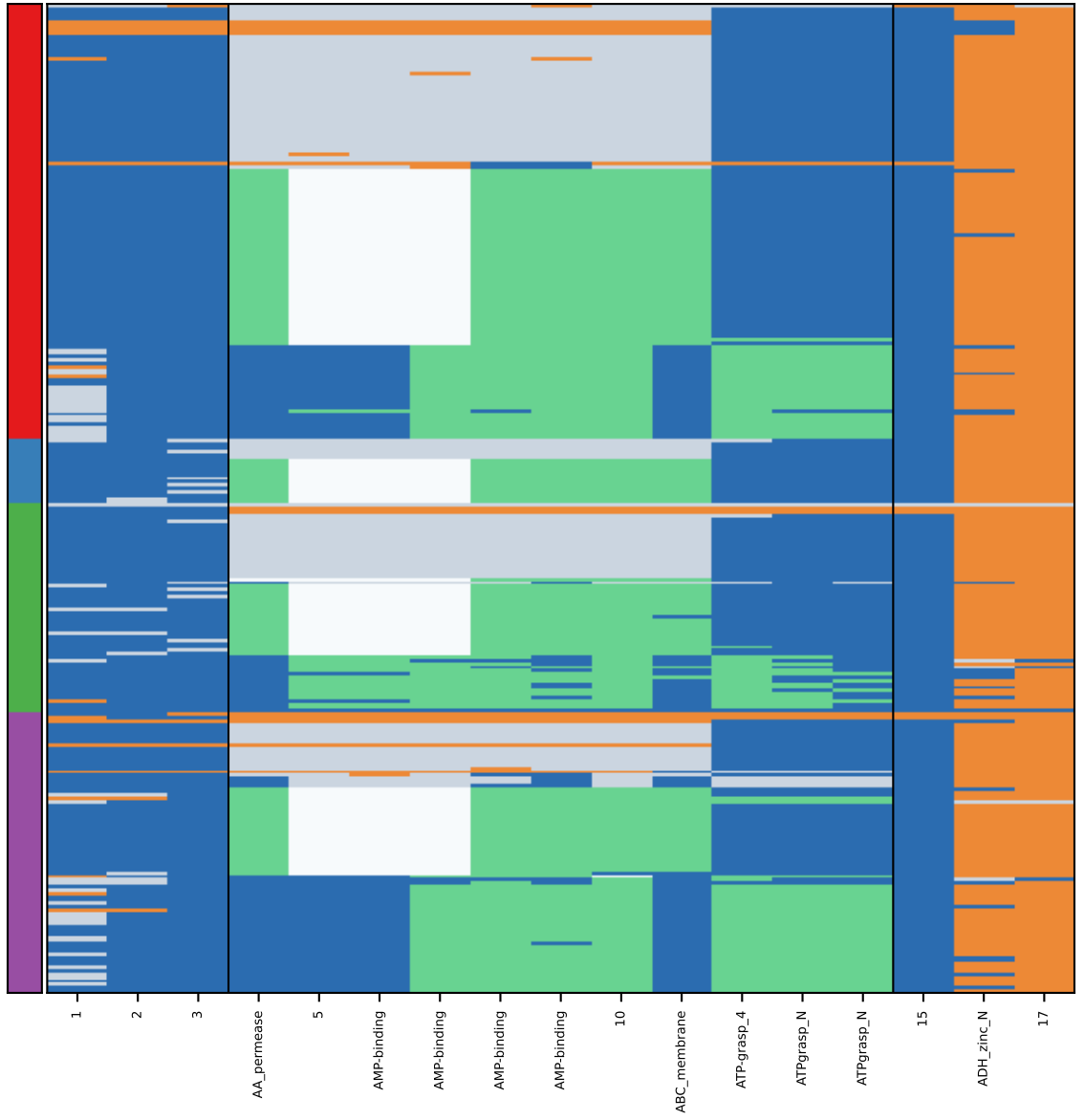
L007 7 genes content 95% of 293 strains type: swap_candidate



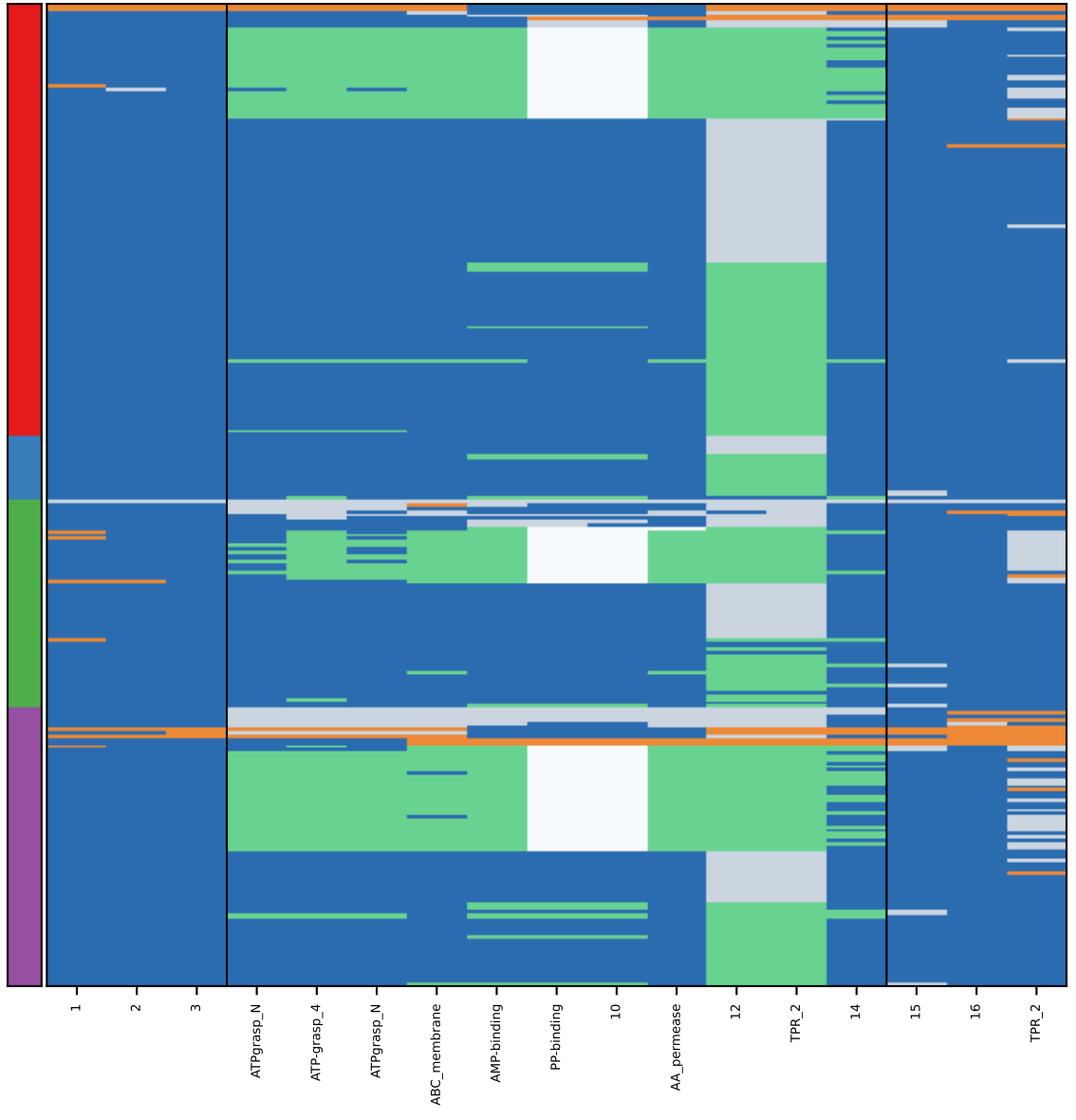
L008 15 genes content 92% of 293 strains type: swap_candidate



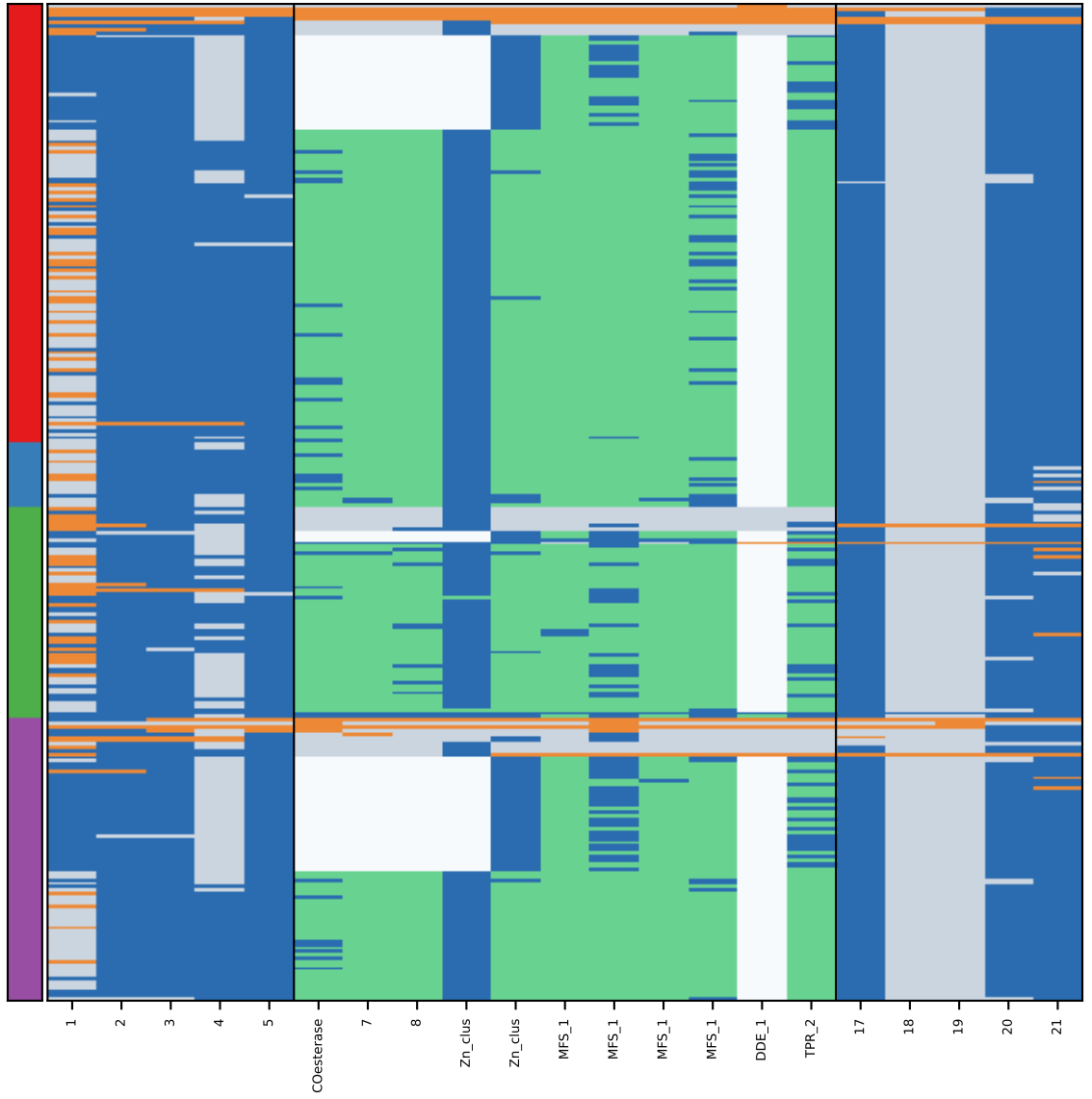
L009 11 genes content 66% of 293 strains type: swap_candidate



L010 11 genes content 94% of 293 strains type: swap_candidate

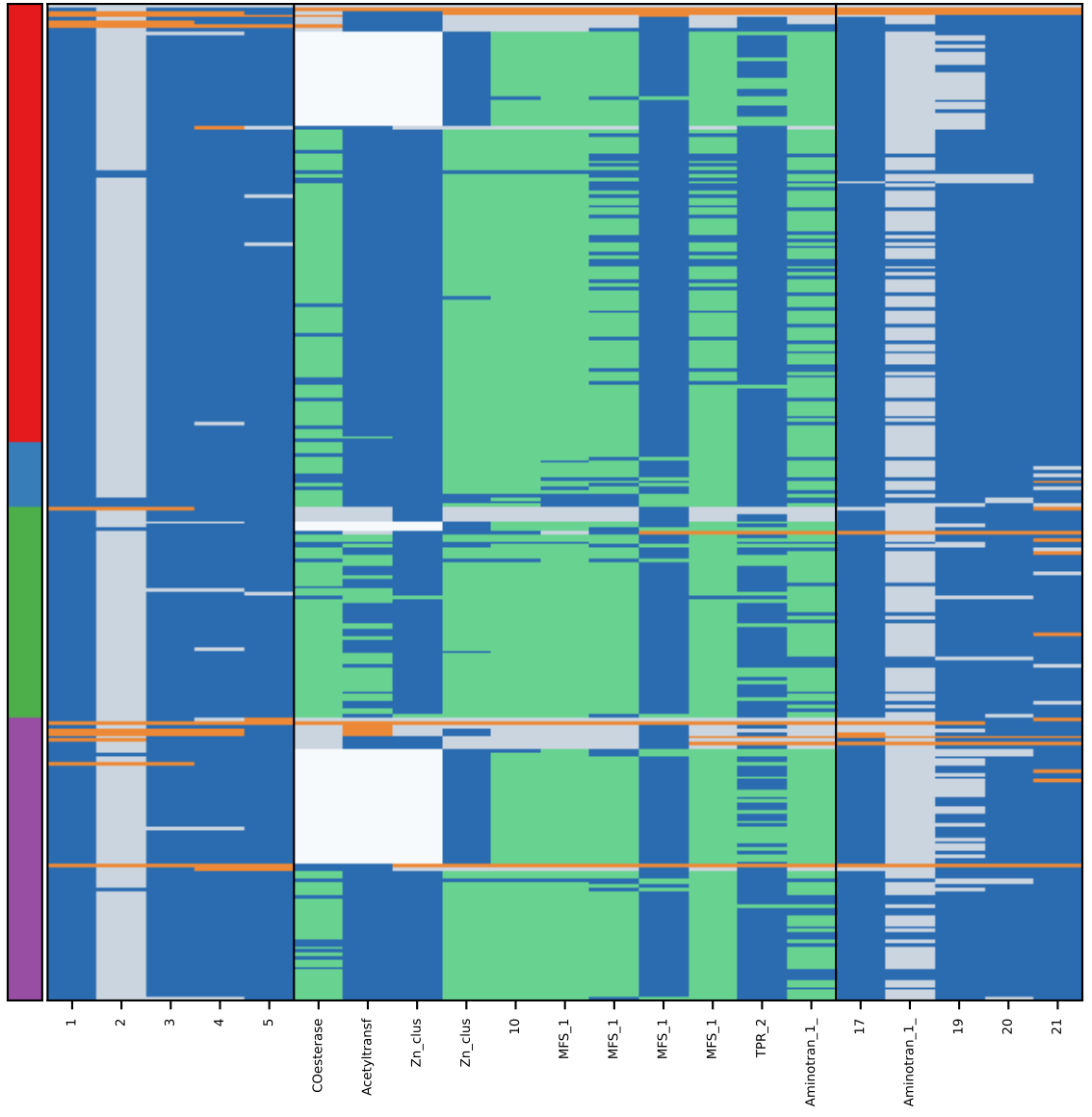


L011 11 genes content 91% of 293 strains type: swap_candidate

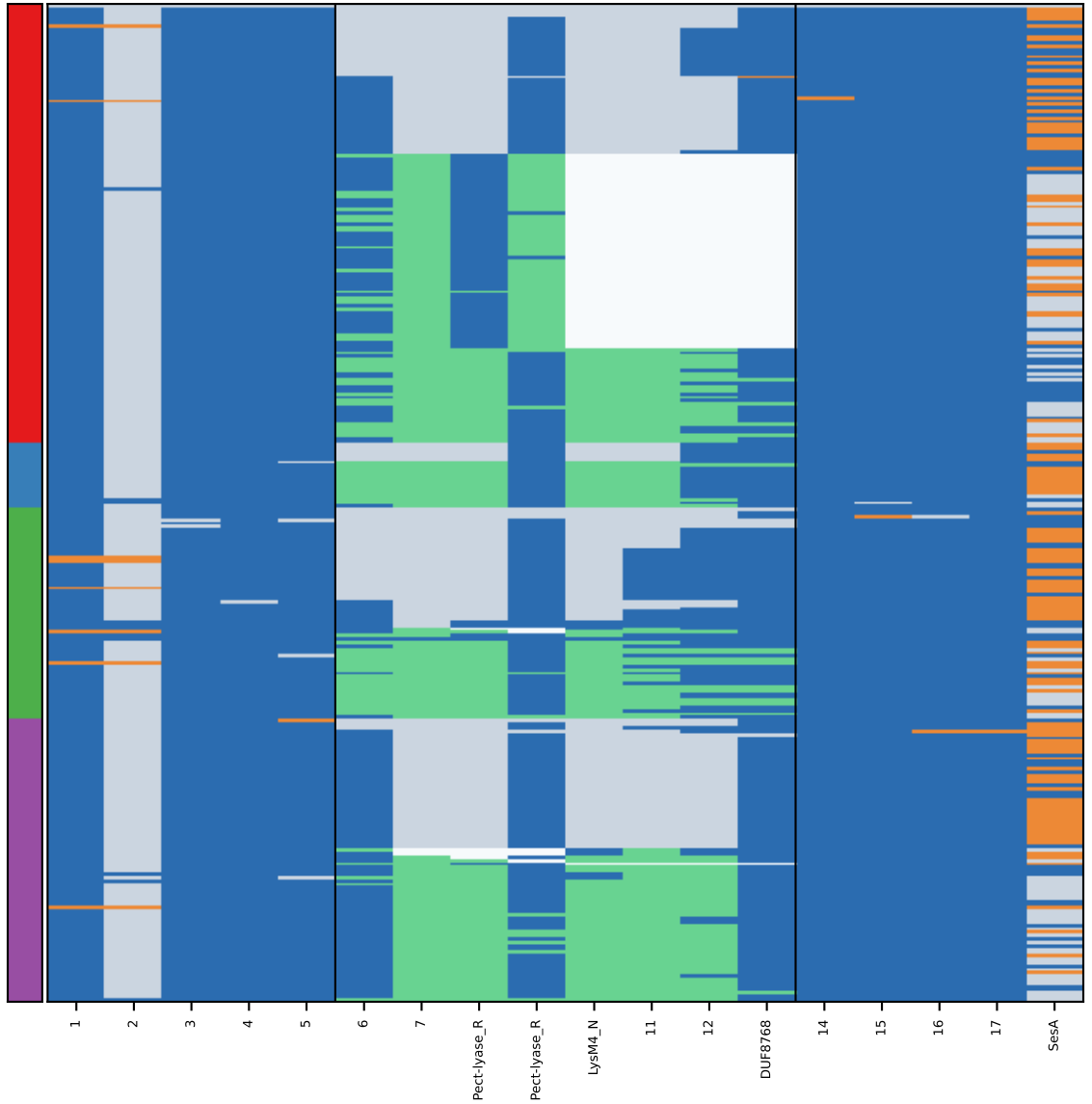


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L012 11 genes content 92% of 293 strains type: swap_candidate

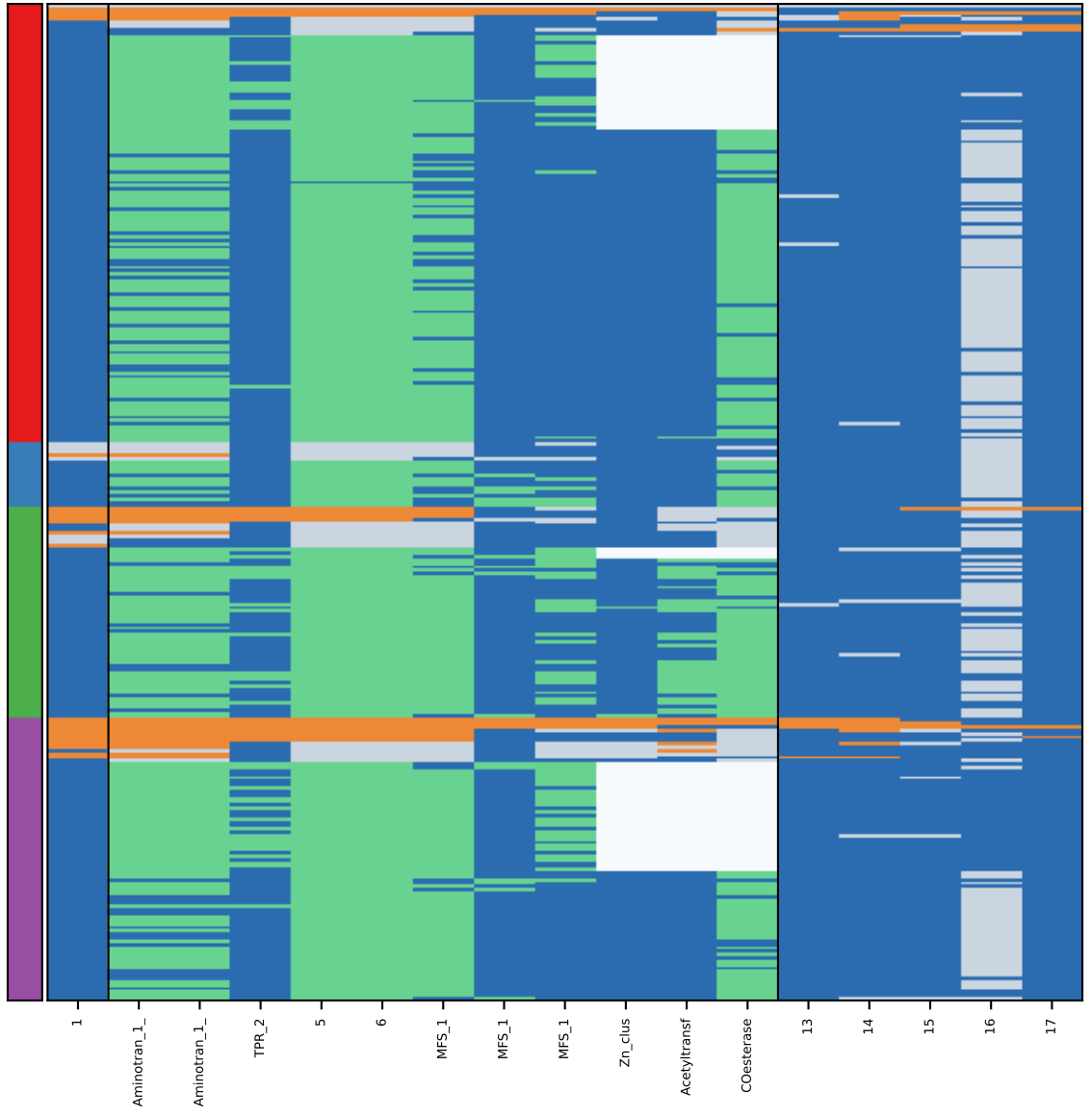


L013 8 genes content 66% of 293 strains type: swap_candidate

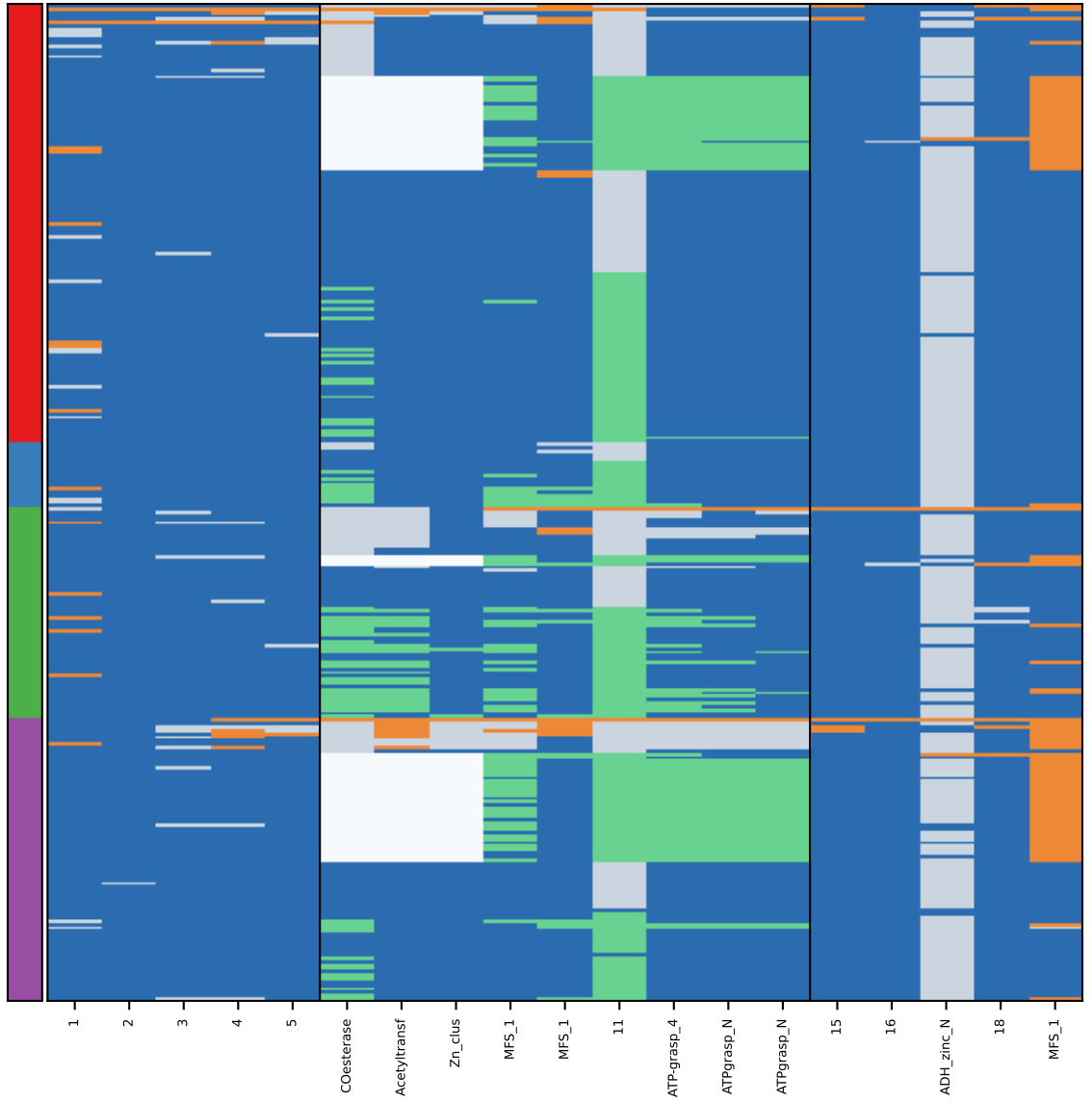


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L014 11 genes content 89% of 293 strains type: swap_candidate

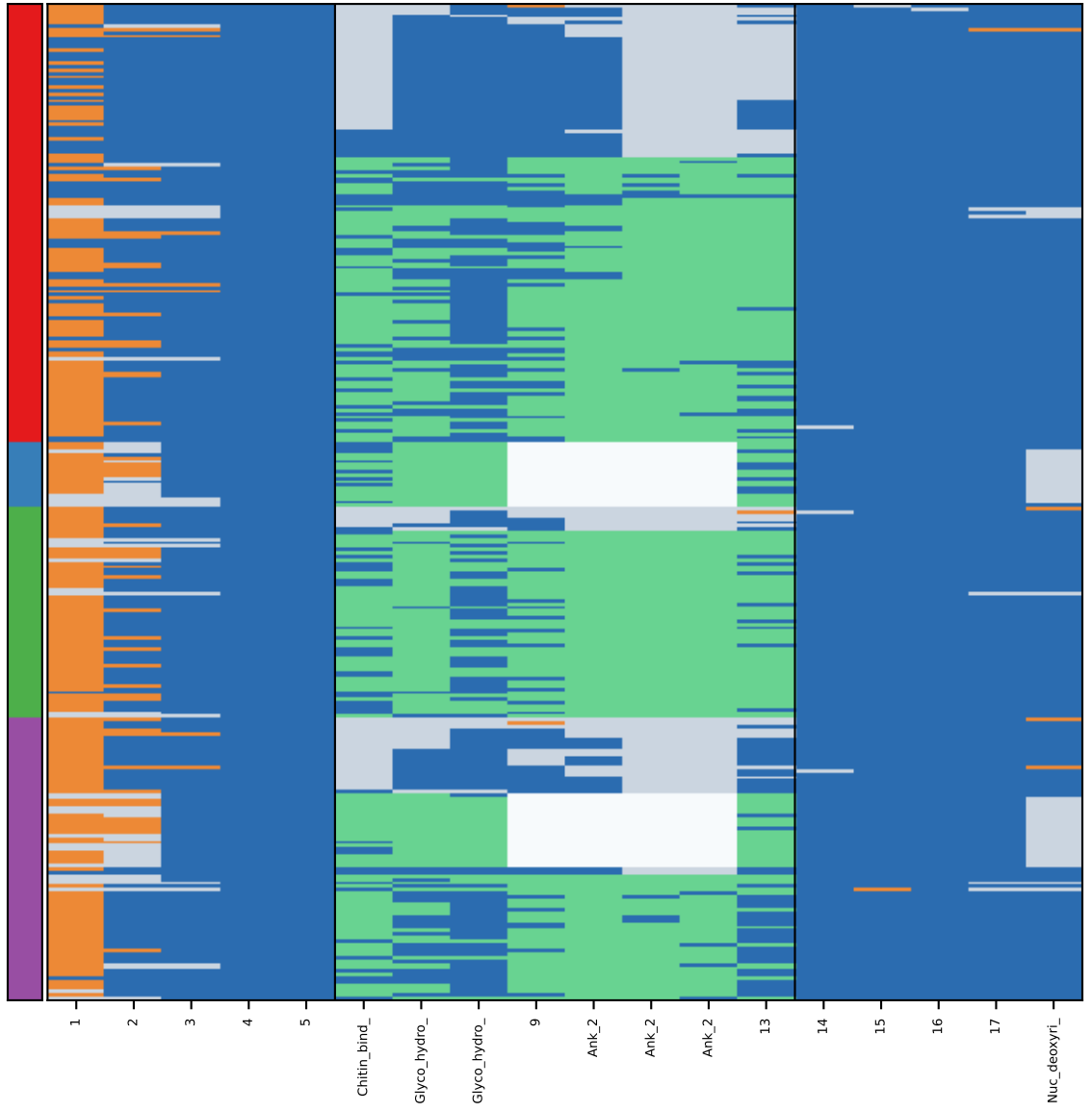


L015 9 genes content 94% of 293 strains type: swap_candidate

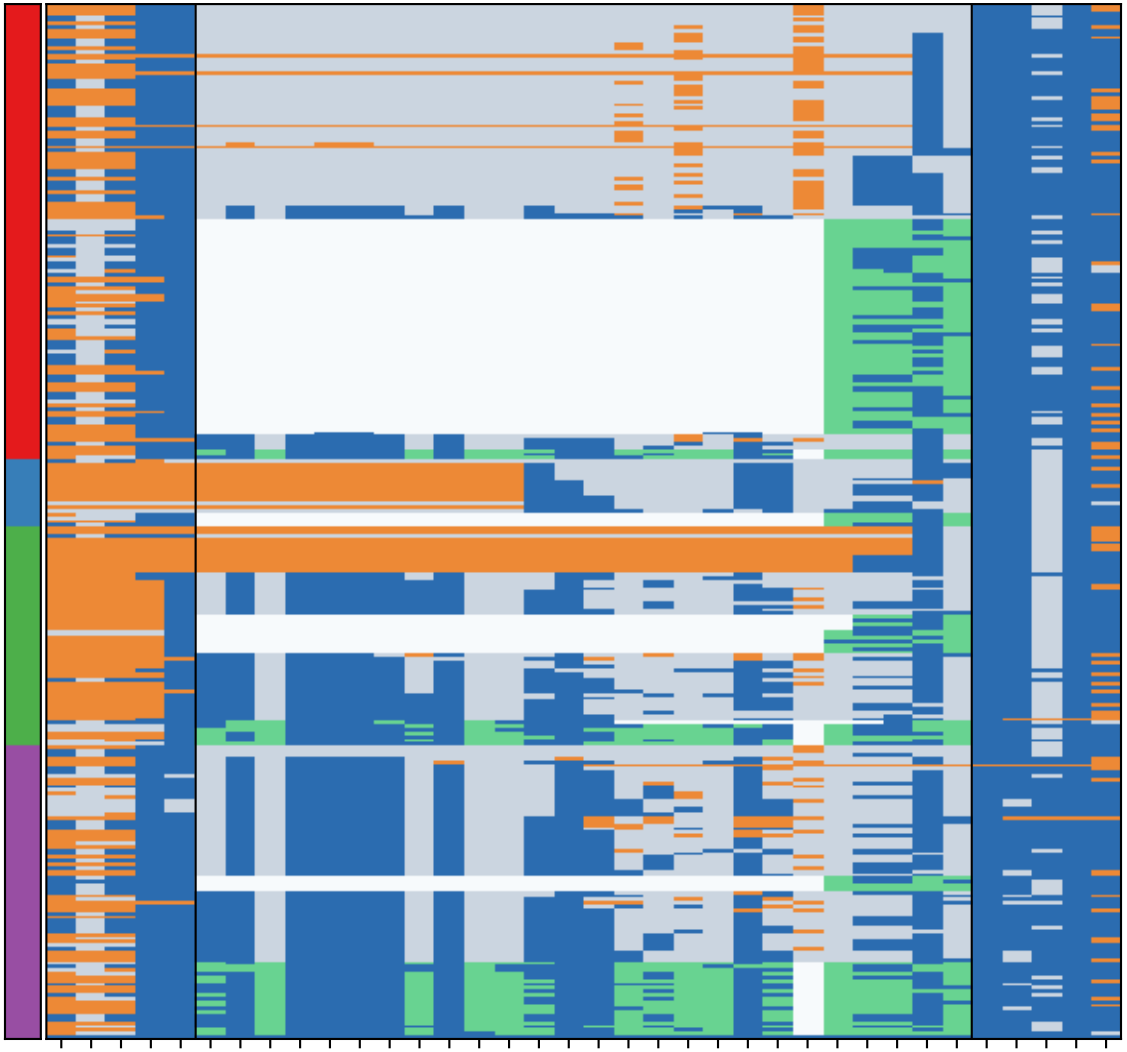


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L016 8 genes content 92% of 293 strains type: swap_candidate

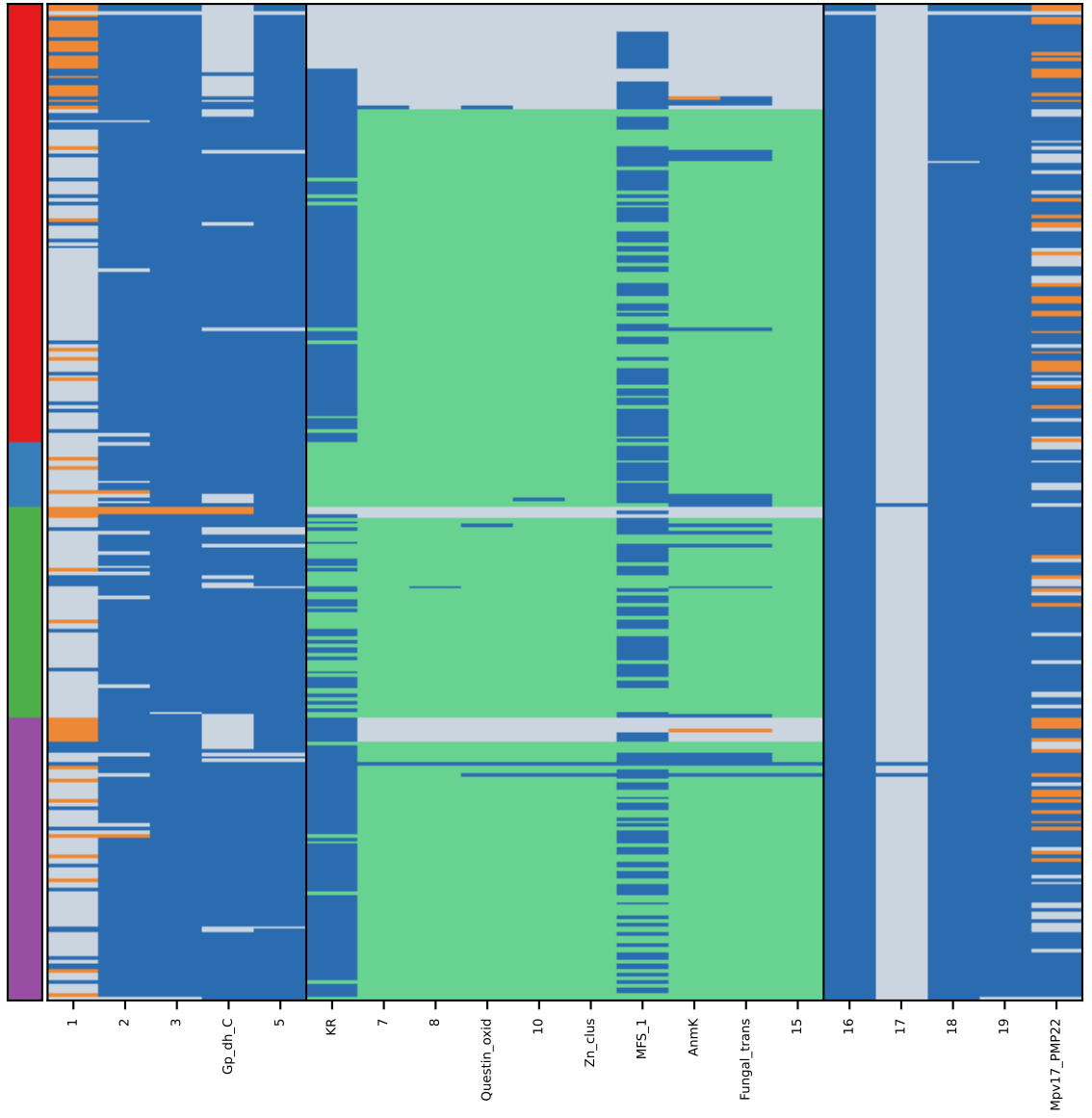


L017 26 genes content 25% of 293 strains type: unresolved Starship: Osiris-h4

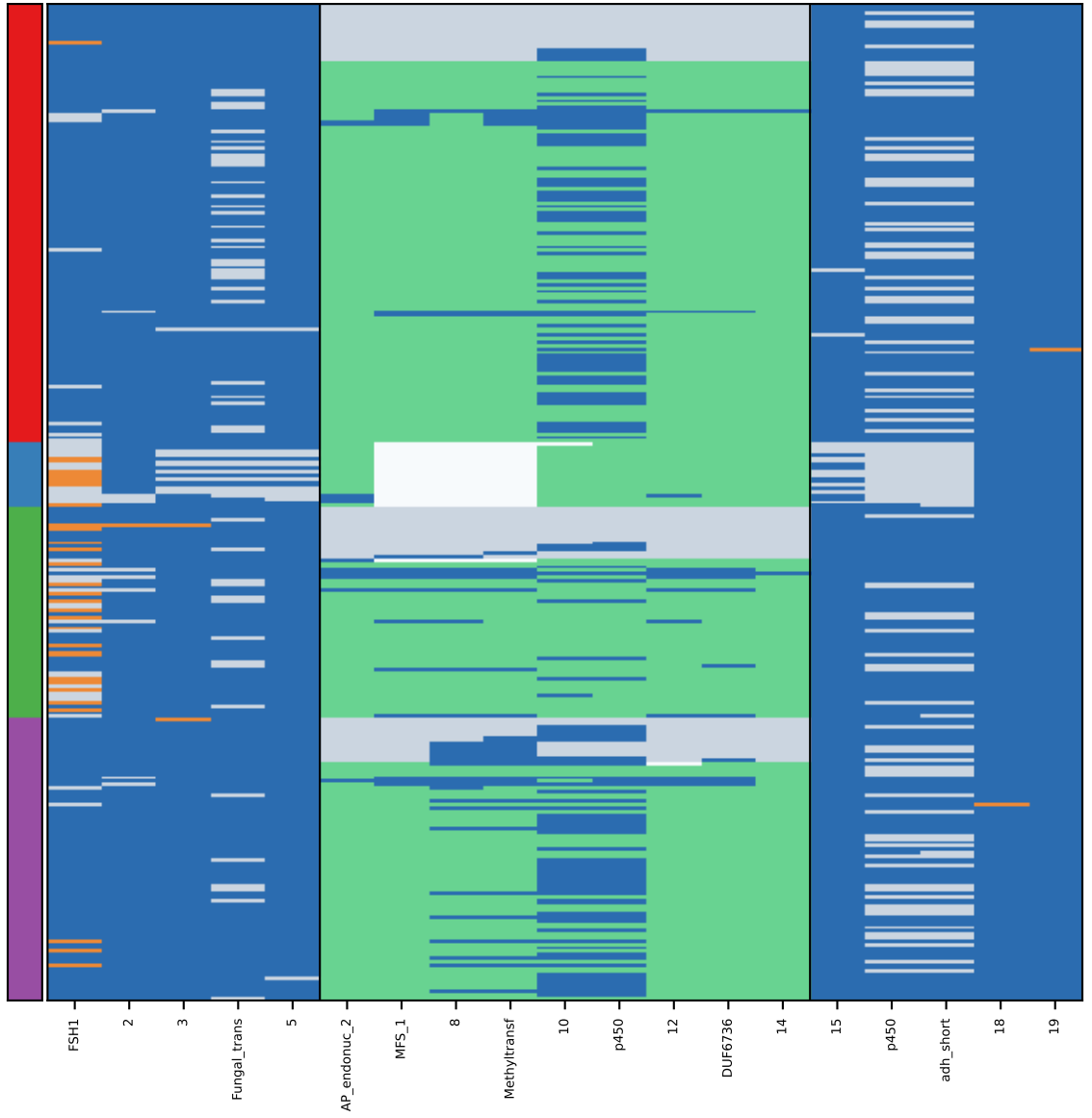


gene in place
DNA at site, no gene
DNA checked, absent
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elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

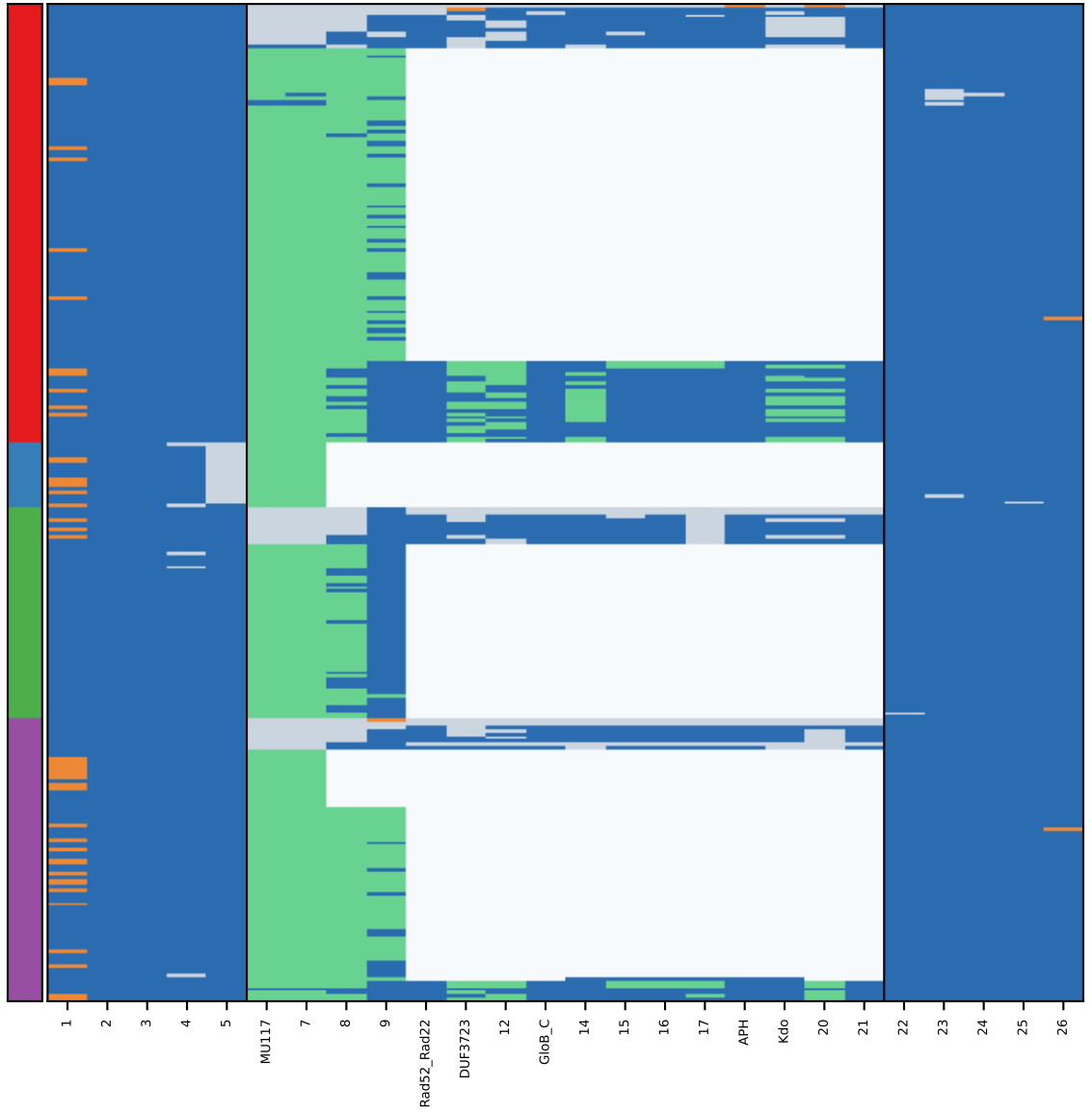
L018 10 genes content 86% of 293 strains type: content_variants



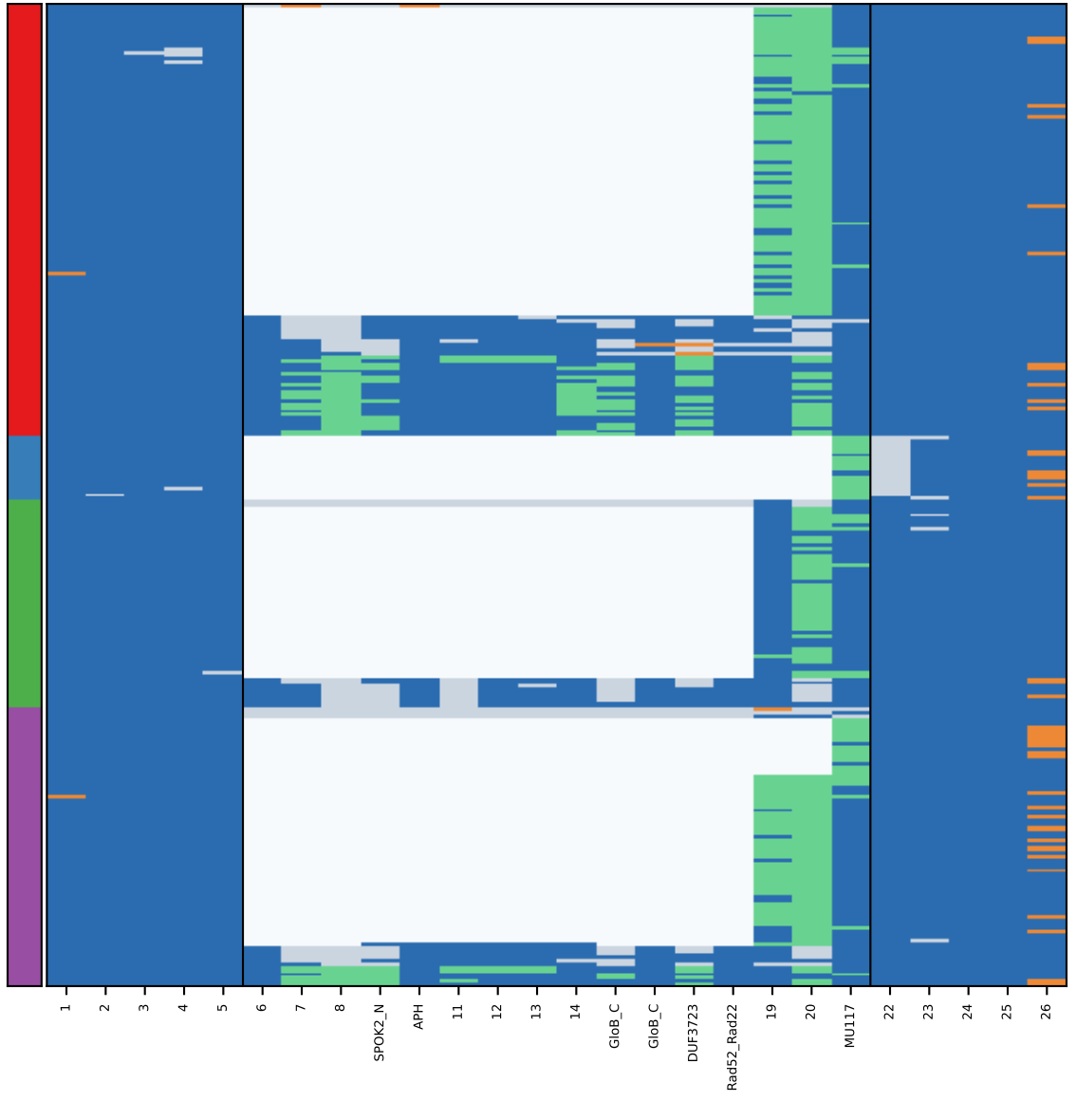
L019 9 genes content 85% of 293 strains type: content_variants



L020 16 genes content 20% of 293 strains type: swap_candidate

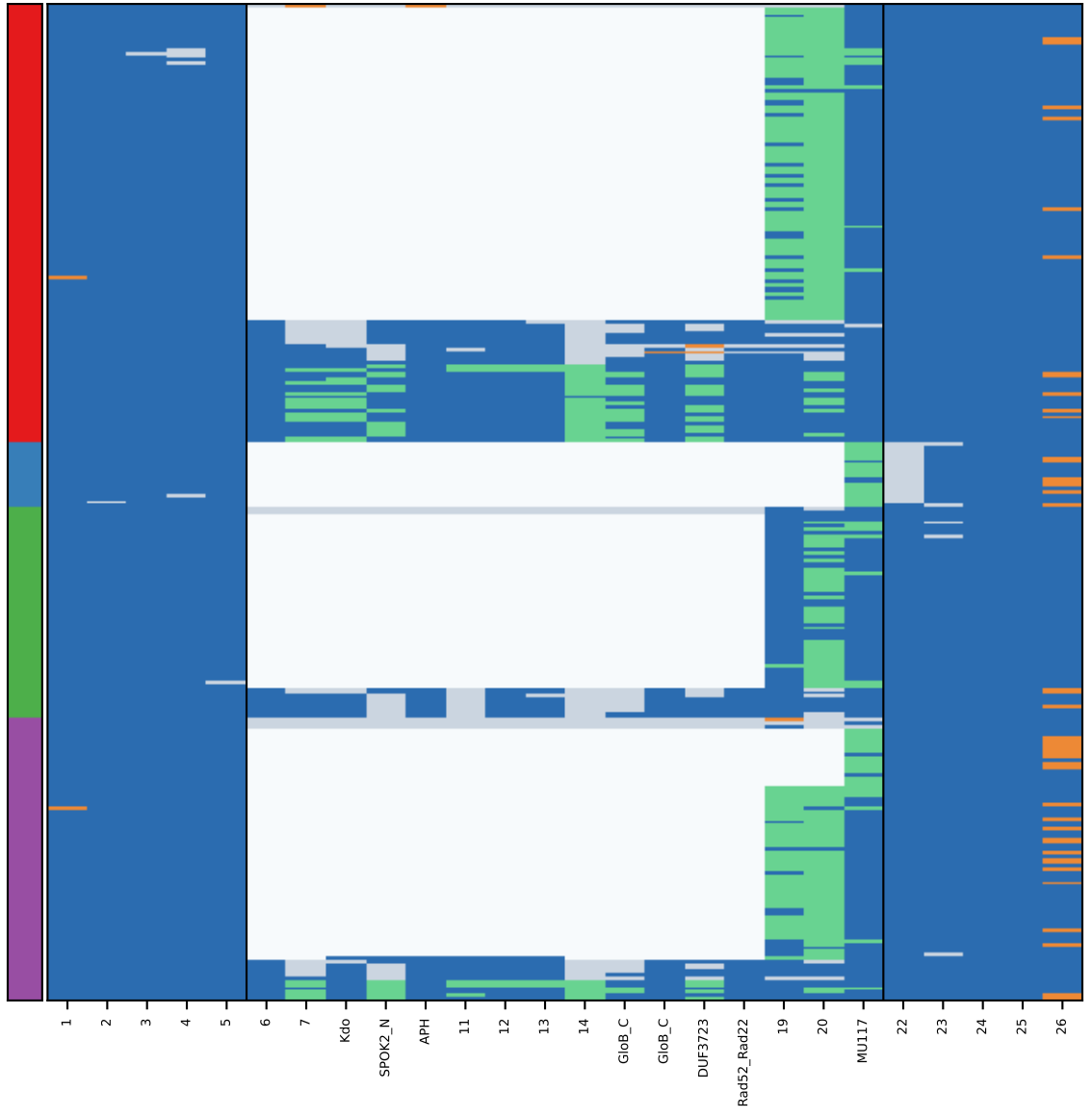


L021 16 genes content 20% of 293 strains type: swap_candidate



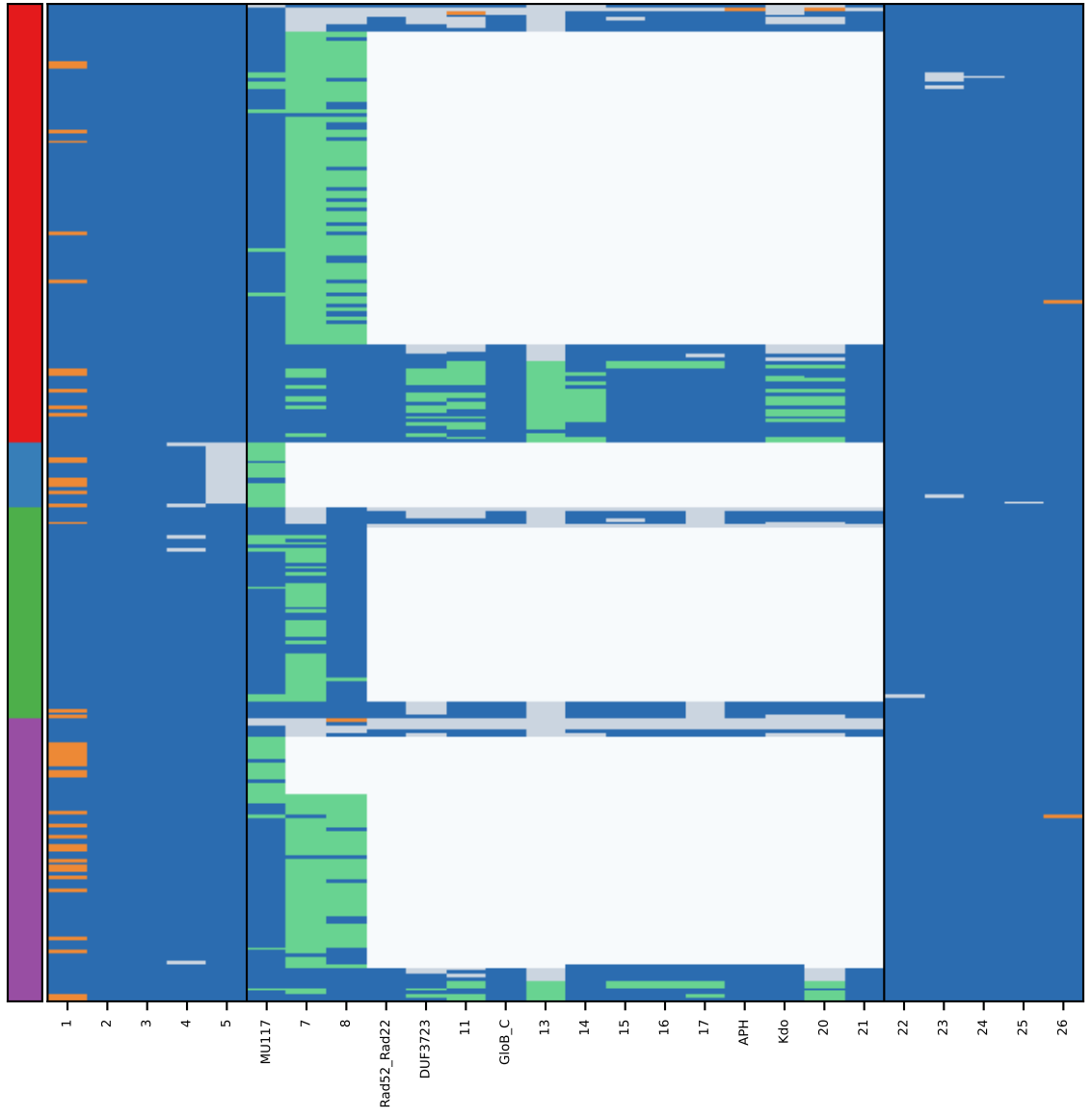
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L022 16 genes content 19% of 293 strains type: swap_candidate

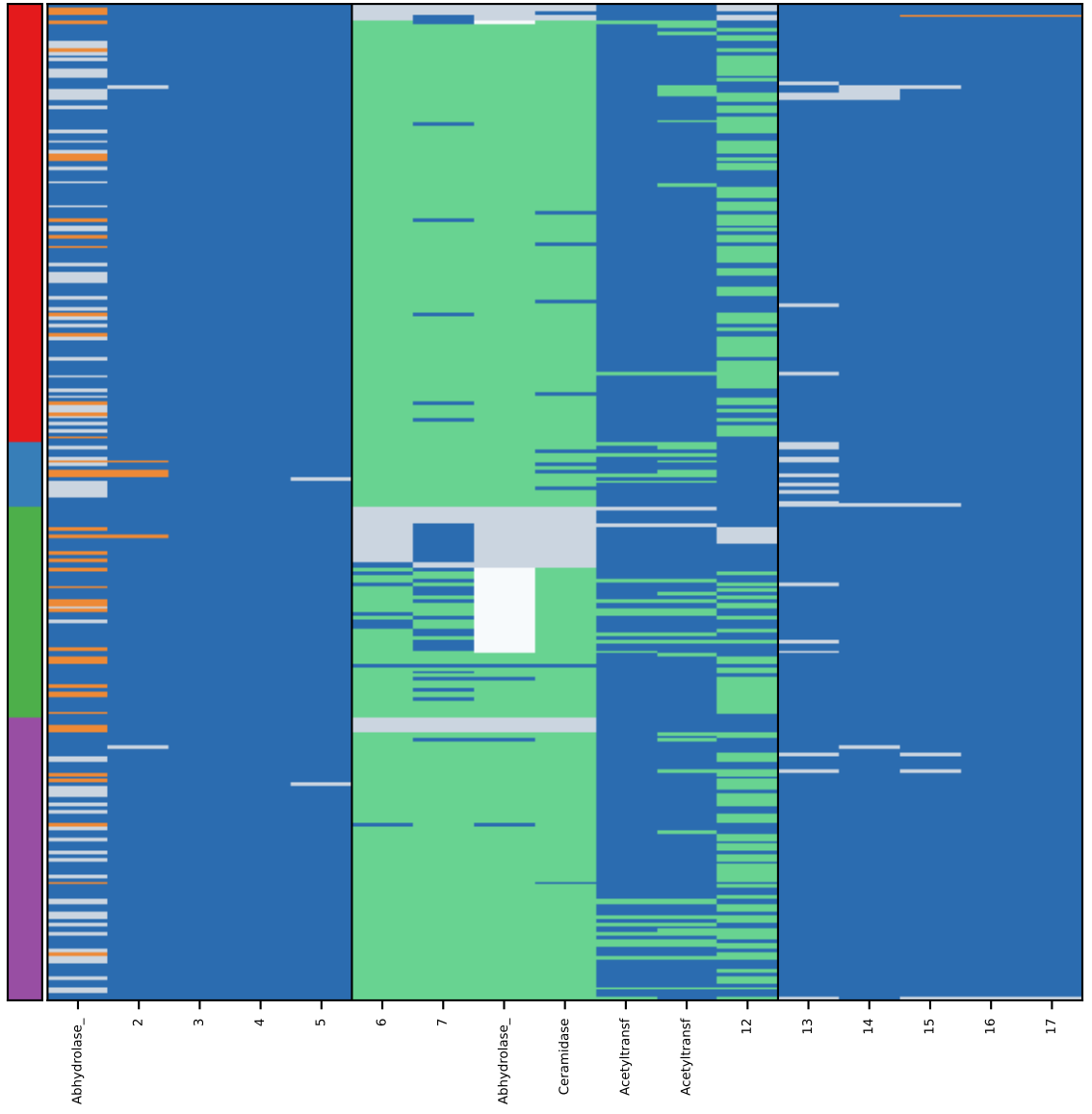


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

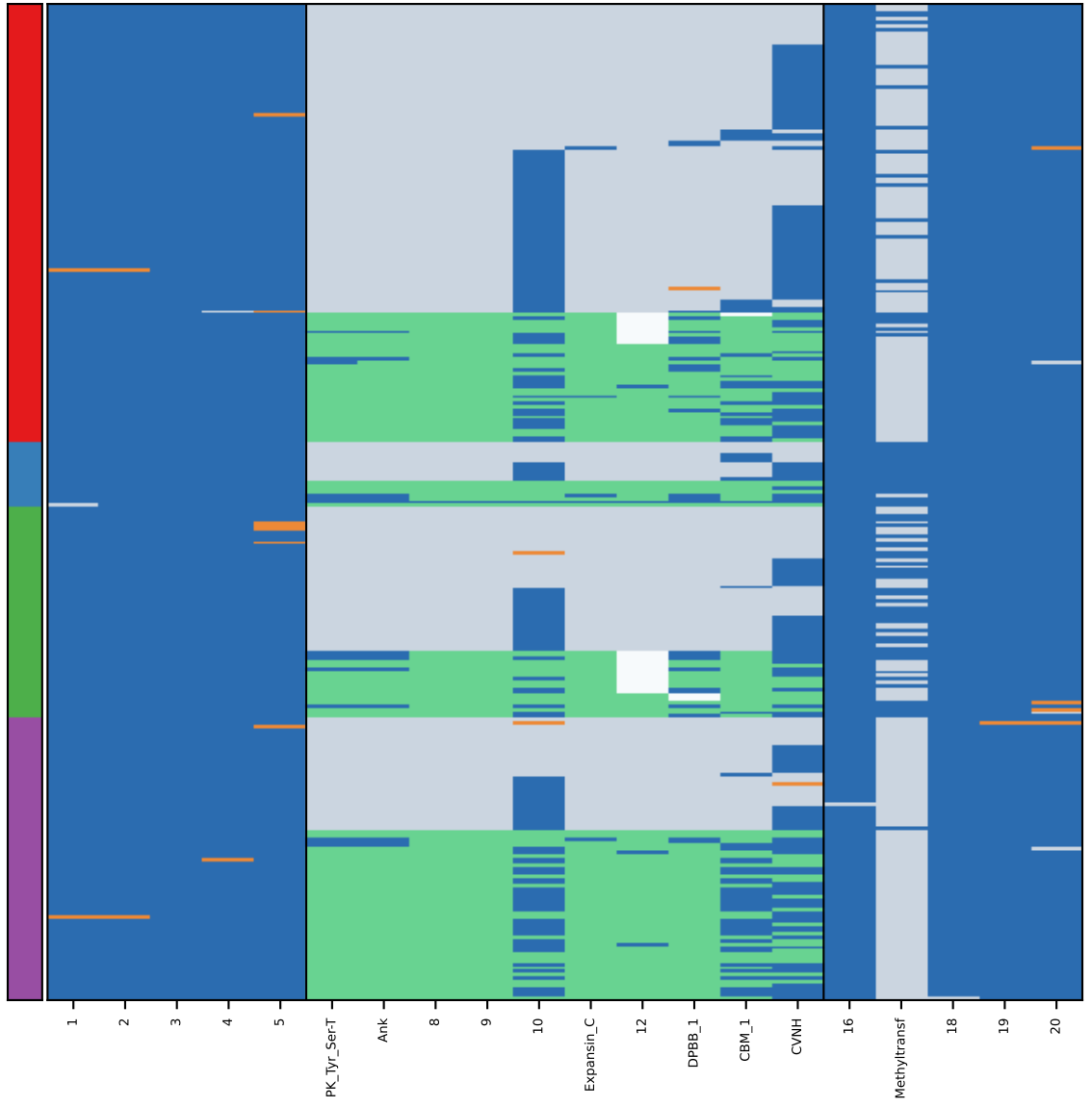
L023 16 genes content 20% of 293 strains type: swap_candidate



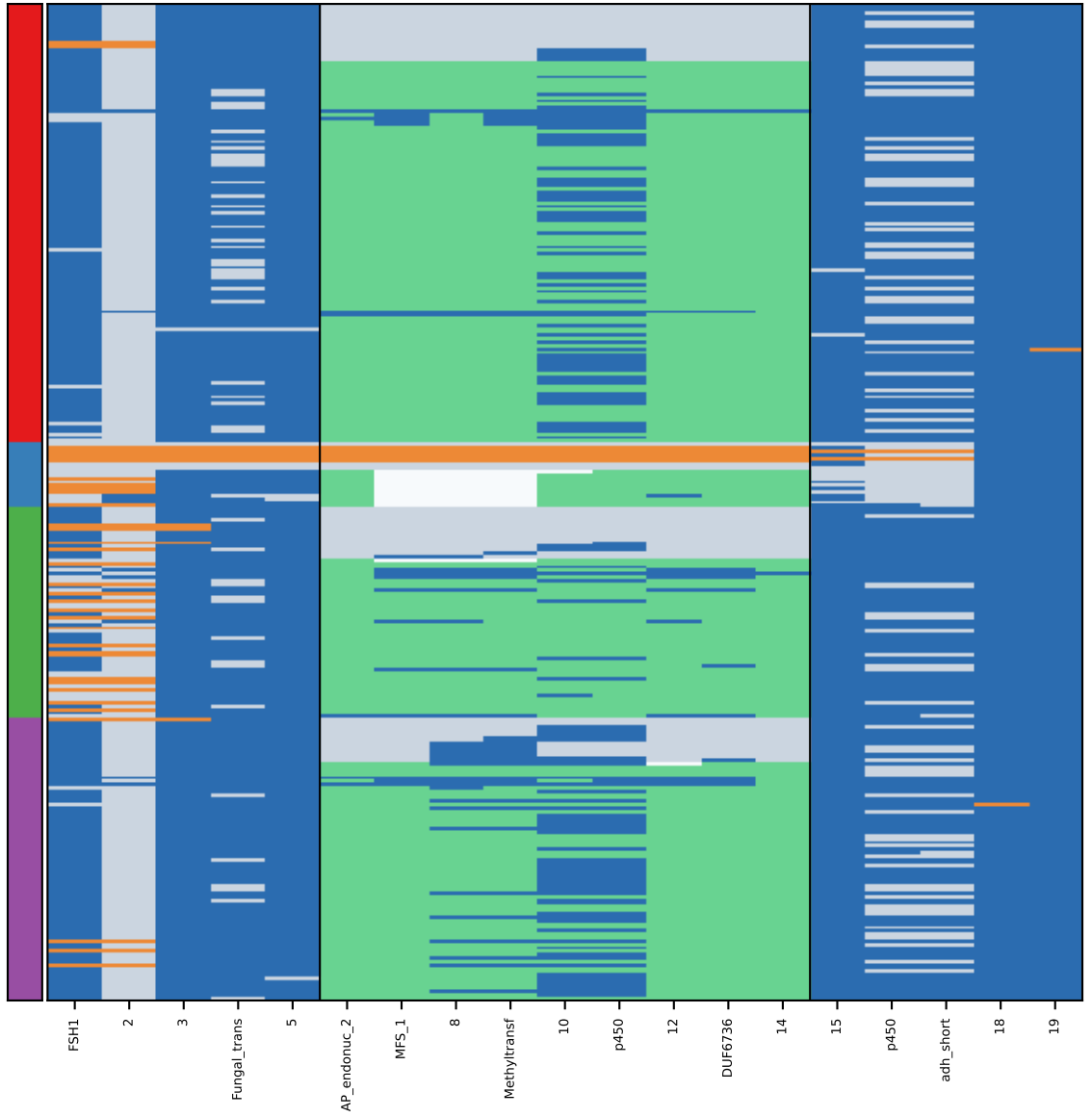
L024 7 genes content 94% of 293 strains type: content_variants



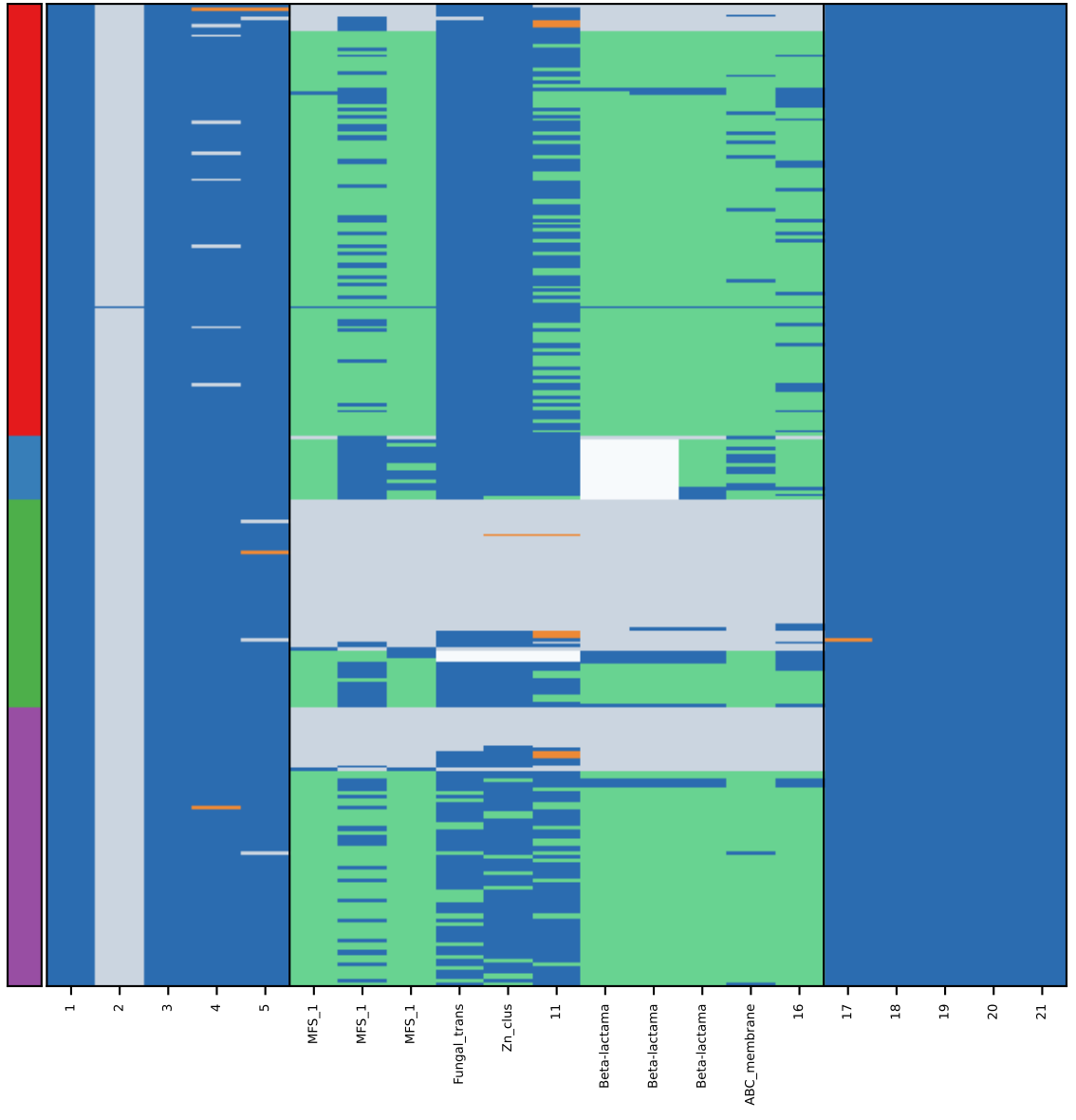
L025 10 genes content 40% of 293 strains type: unresolved



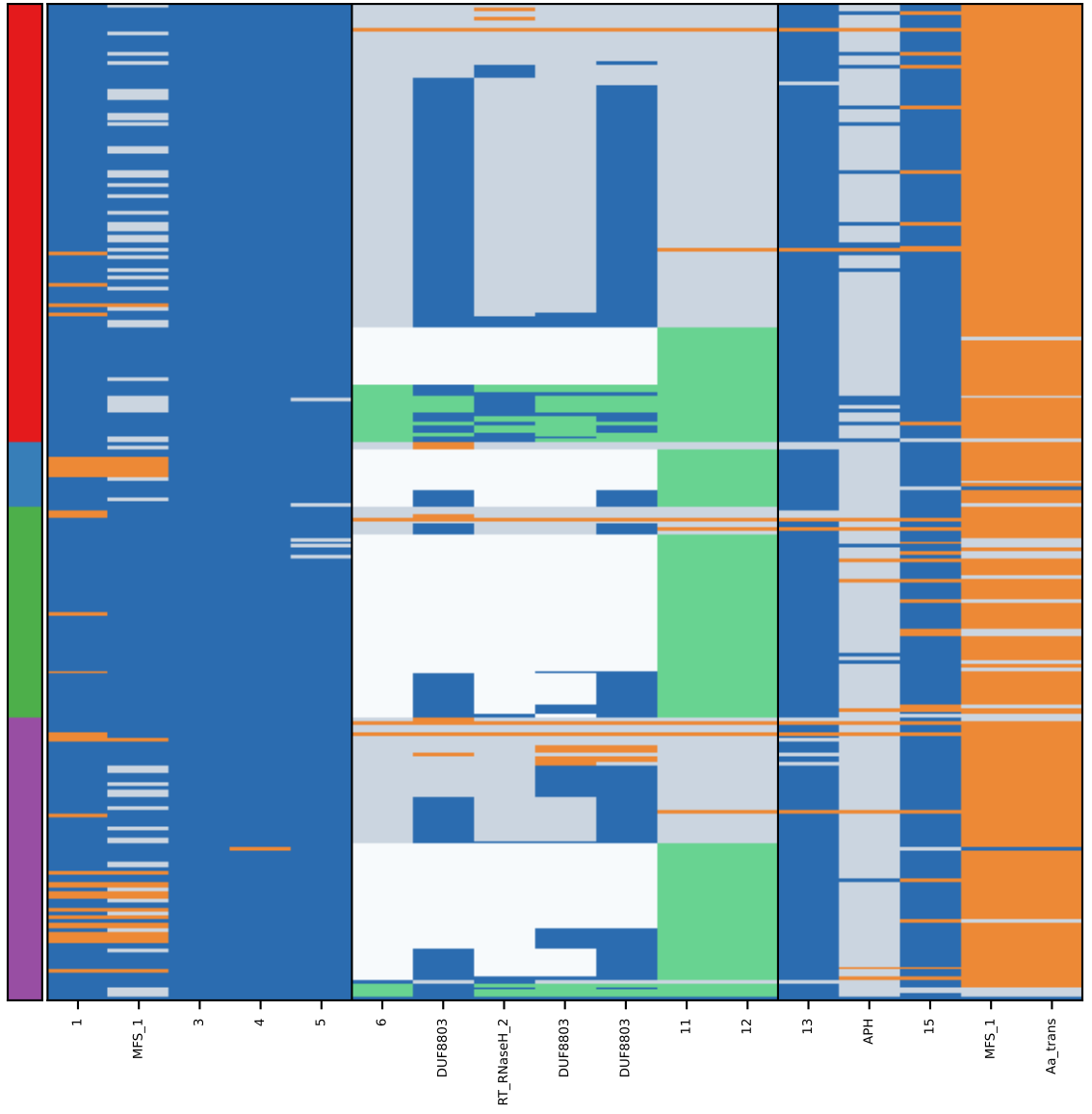
L026 9 genes content 82% of 293 strains type: content_variants



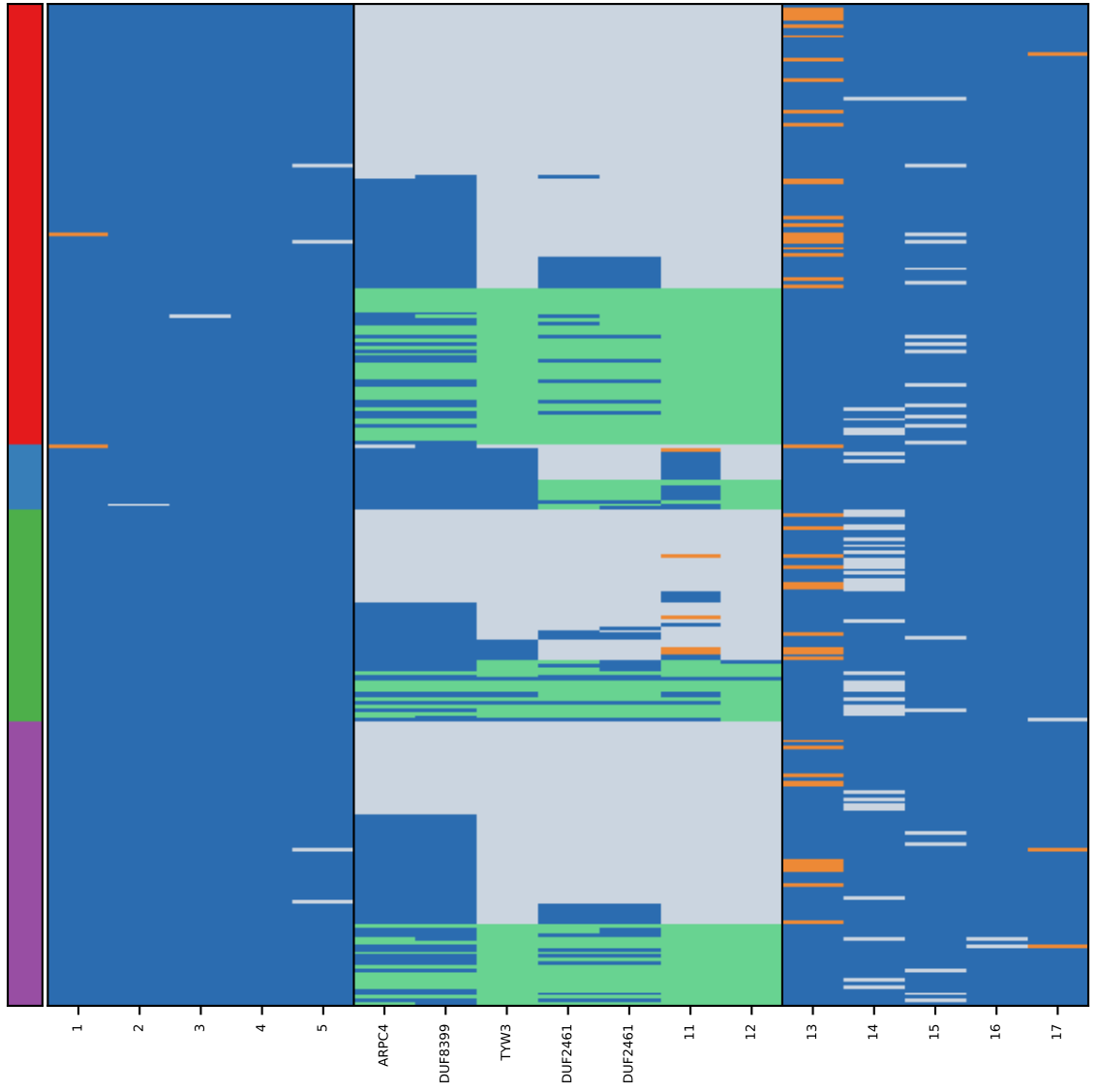
L027 11 genes content 75% of 293 strains type: content_variants



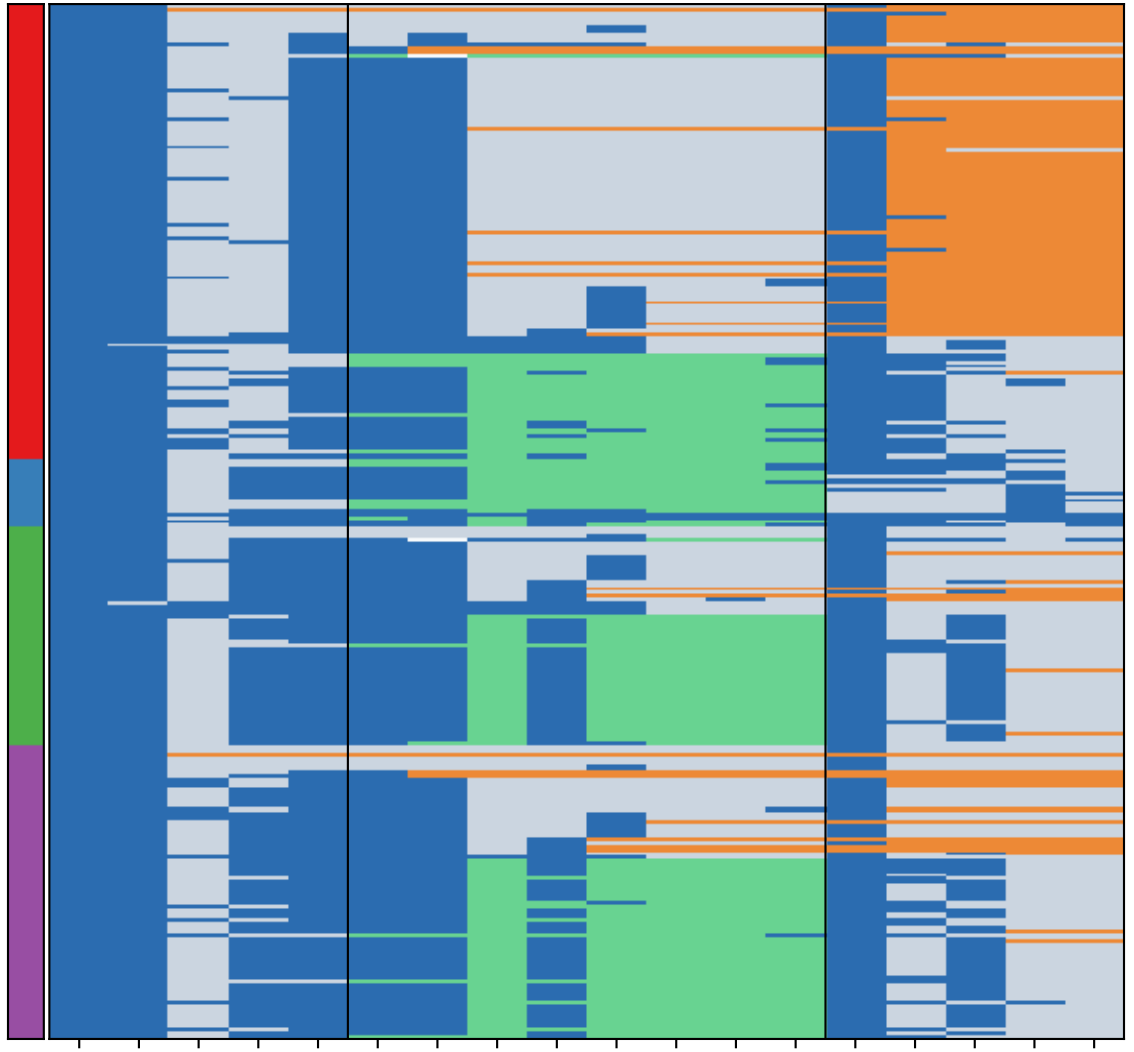
L028 7 genes content 20% of 293 strains type: swap_candidate



L029 7 genes content 42% of 293 strains type: unresolved

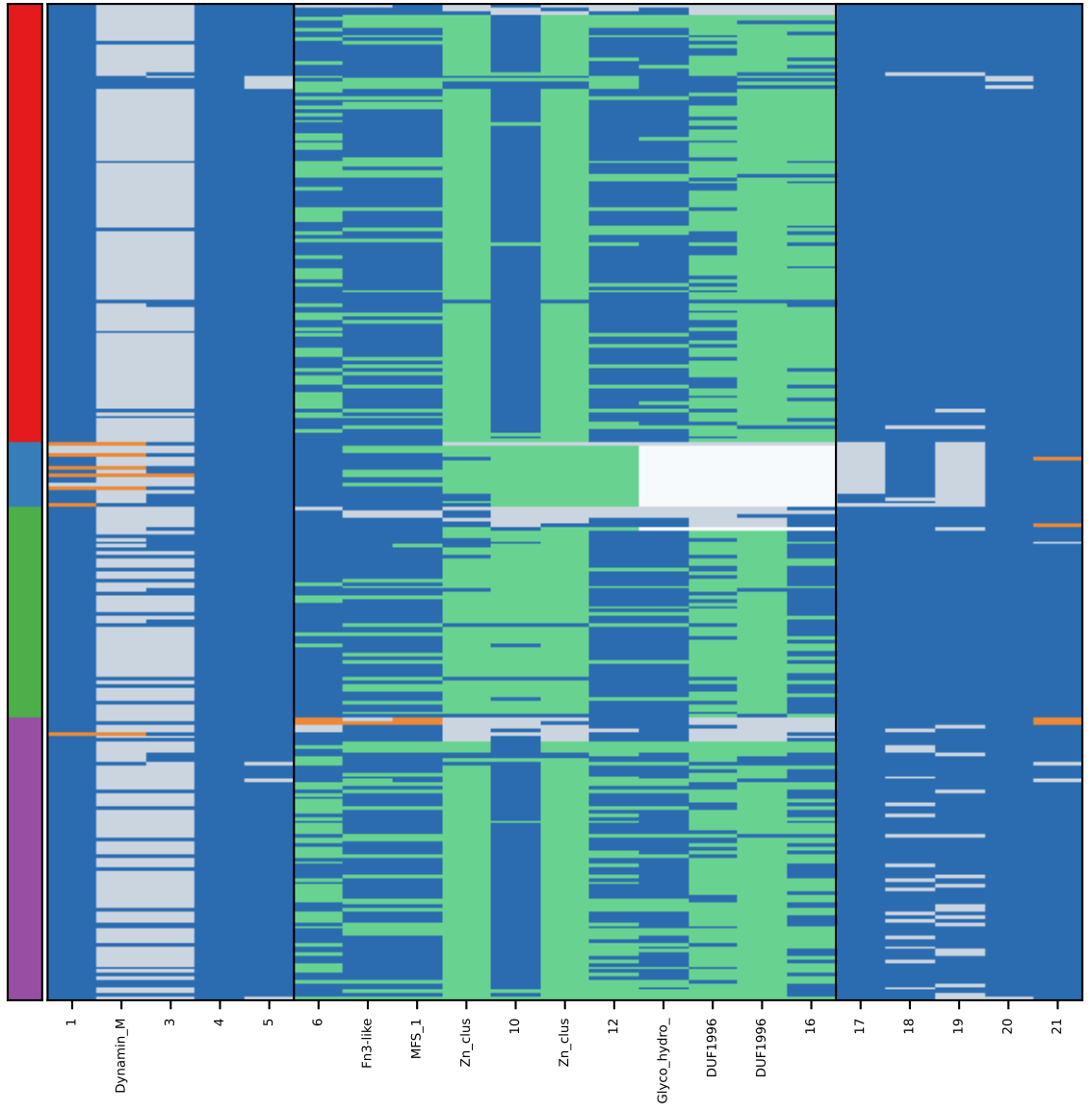


L030 8 genes content 52% of 293 strains type: content_variants

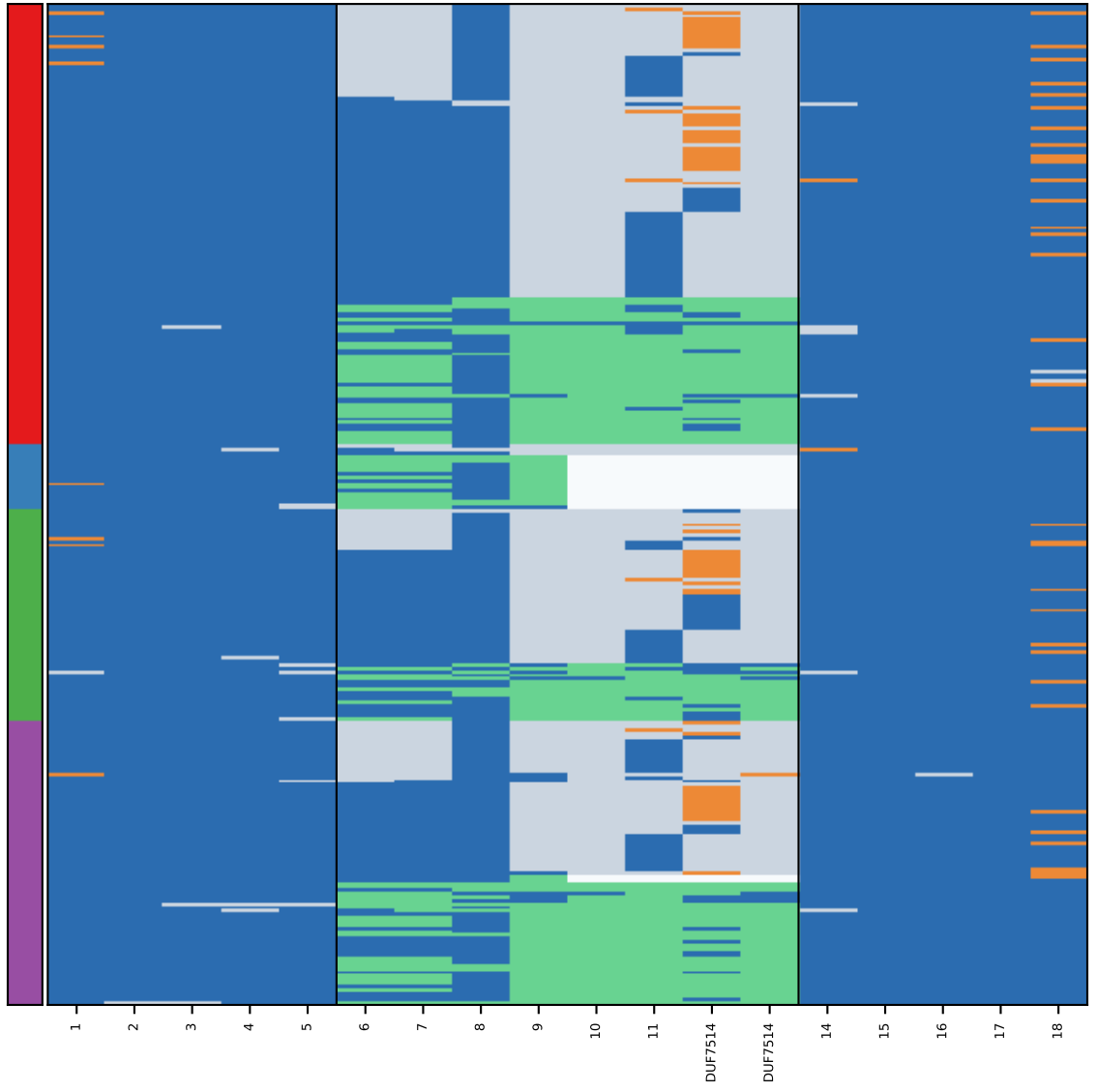


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

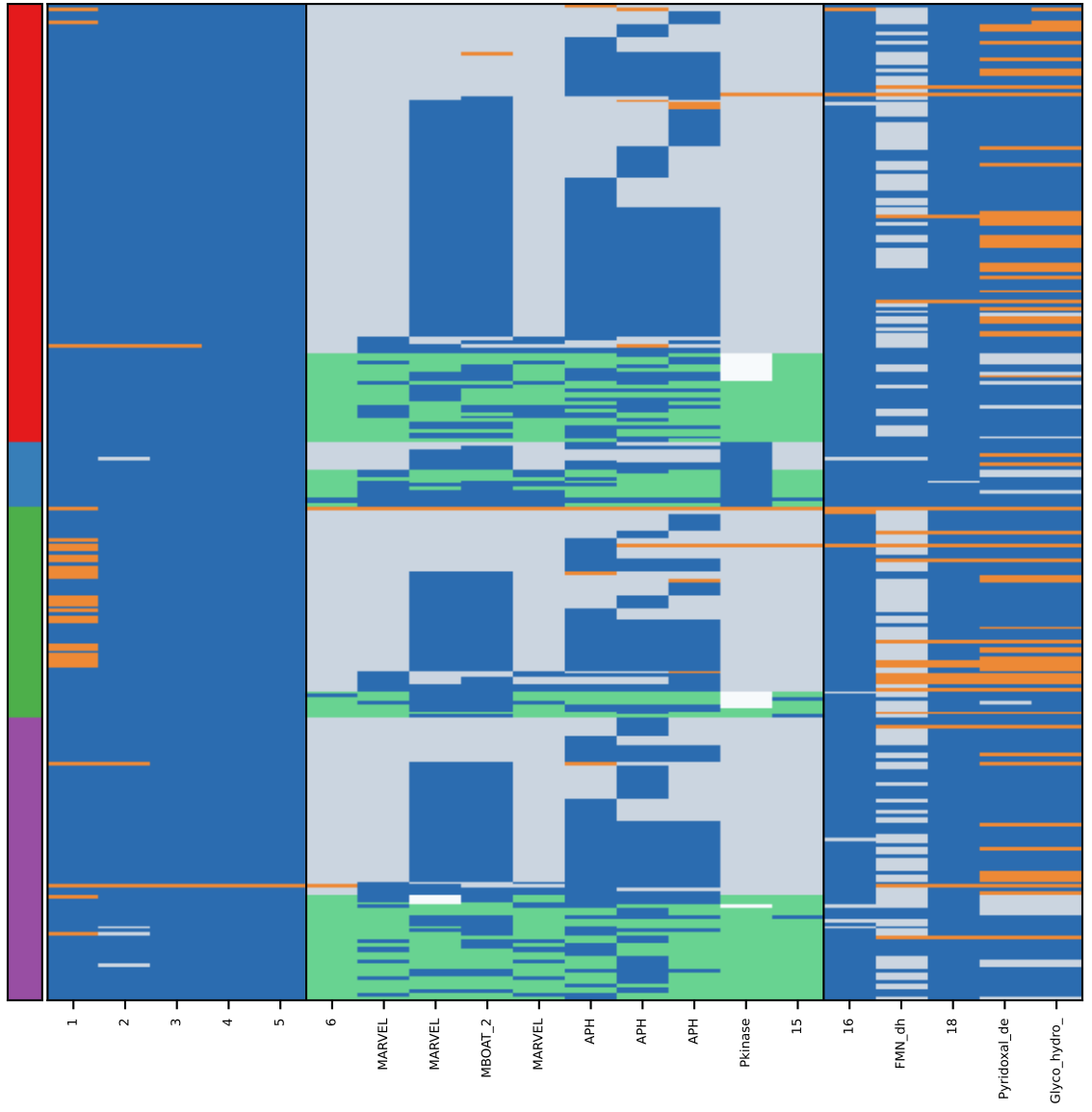
L031 11 genes content 97% of 293 strains type: content_variants



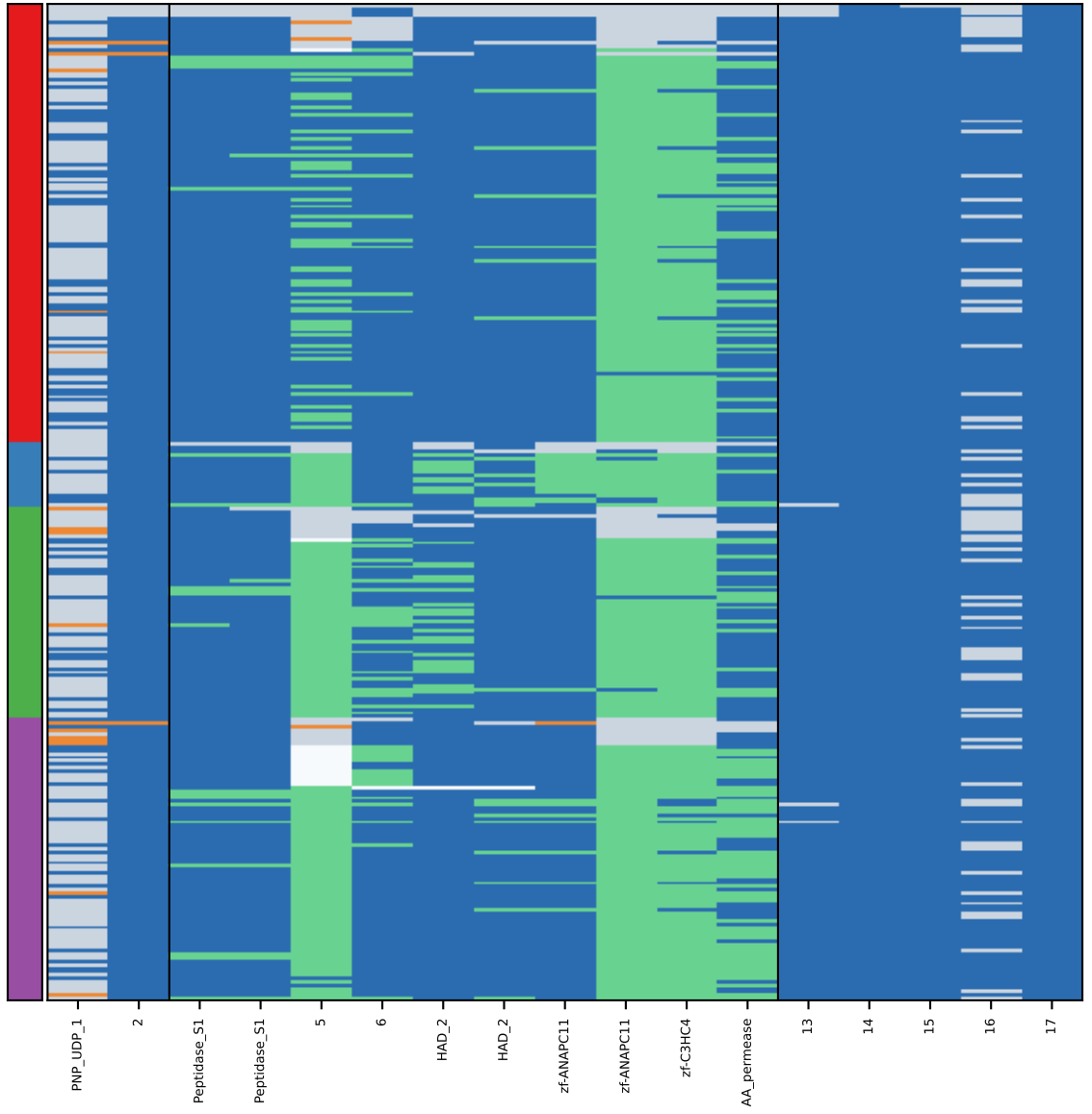
L032 8 genes content 62% of 293 strains type: unresolved



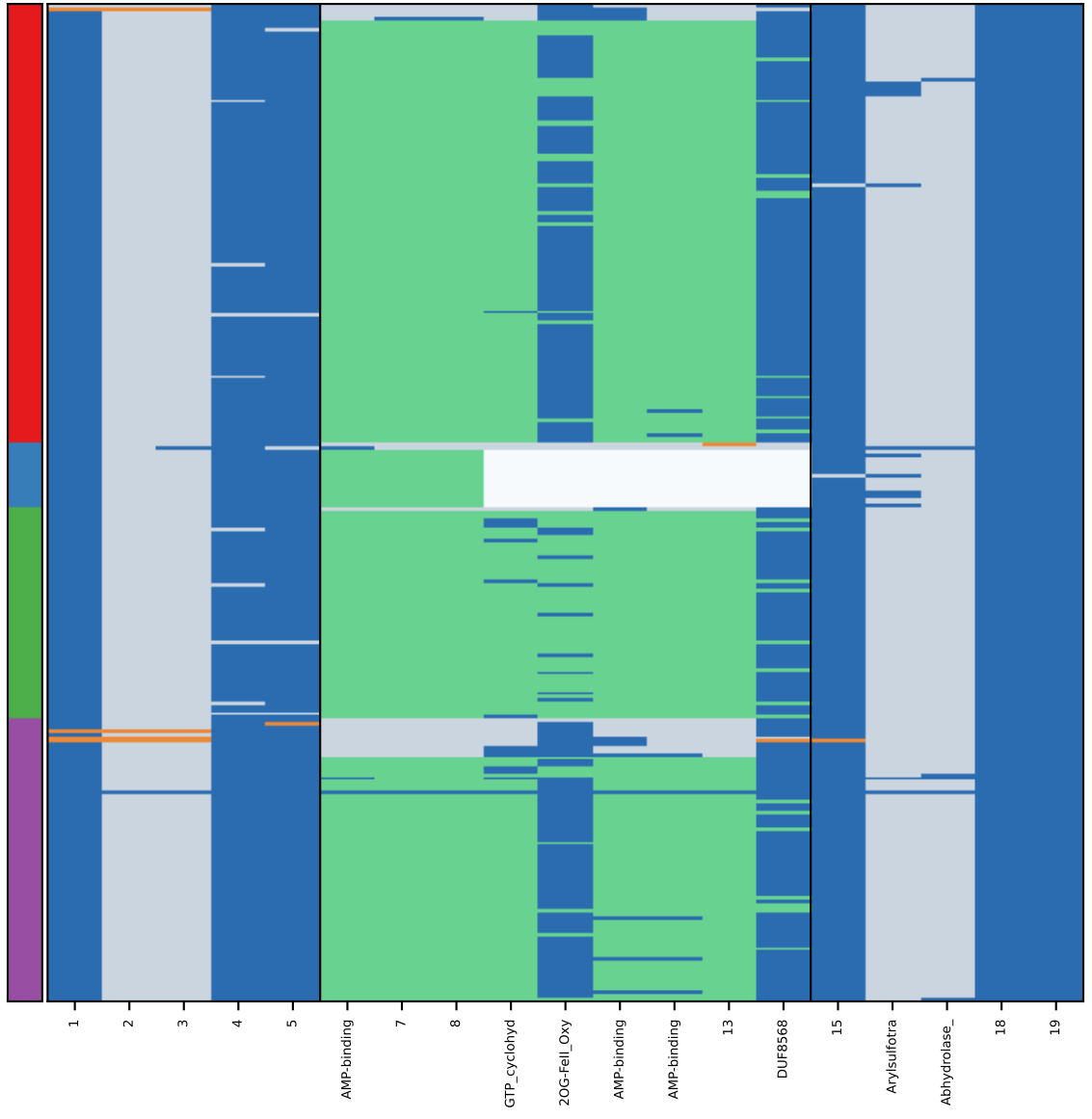
L033 10 genes content 54% of 293 strains type: unresolved



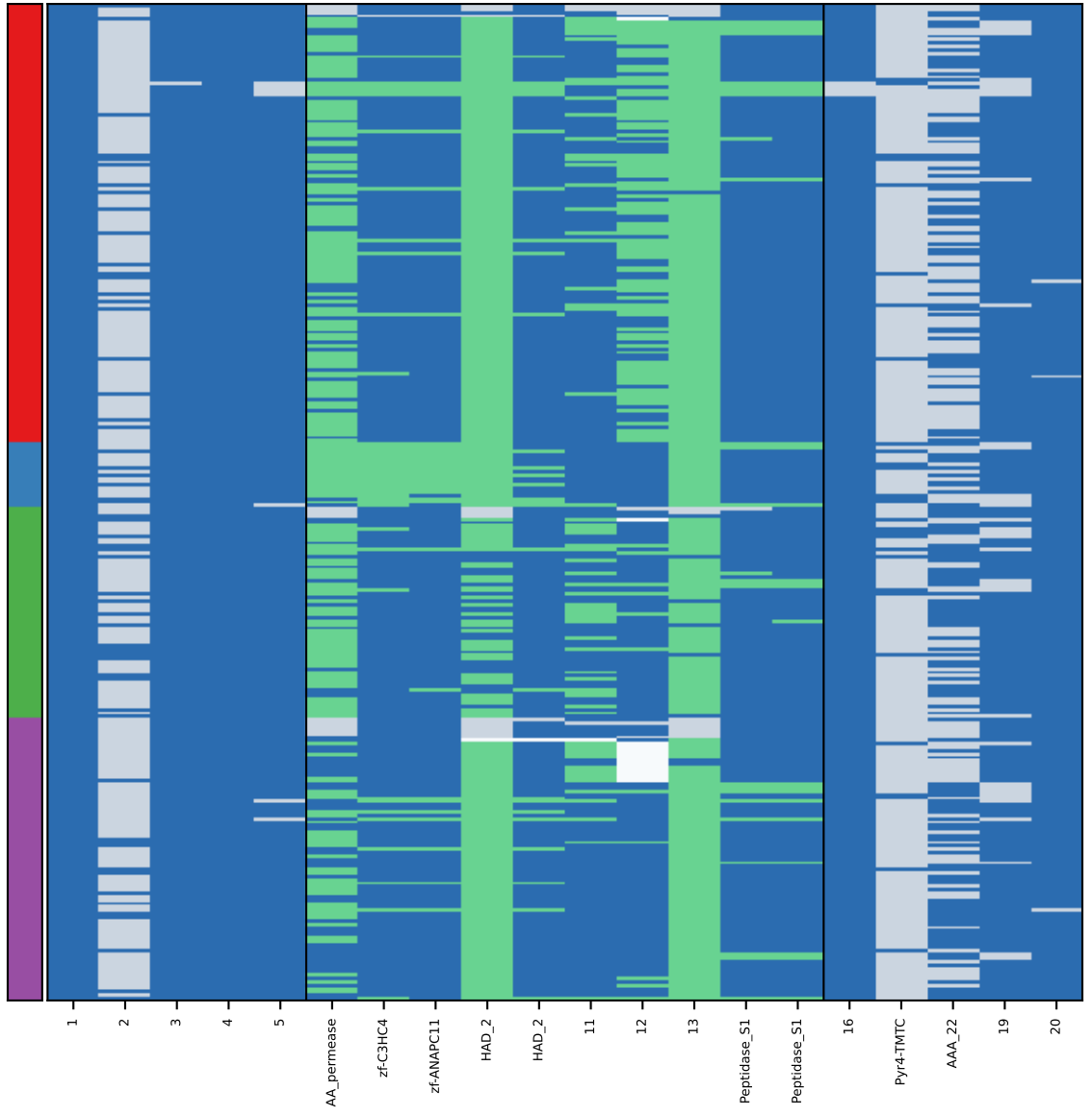
L034 10 genes content 98% of 293 strains type: content_variants



L035 9 genes content 88% of 293 strains type: content_variants

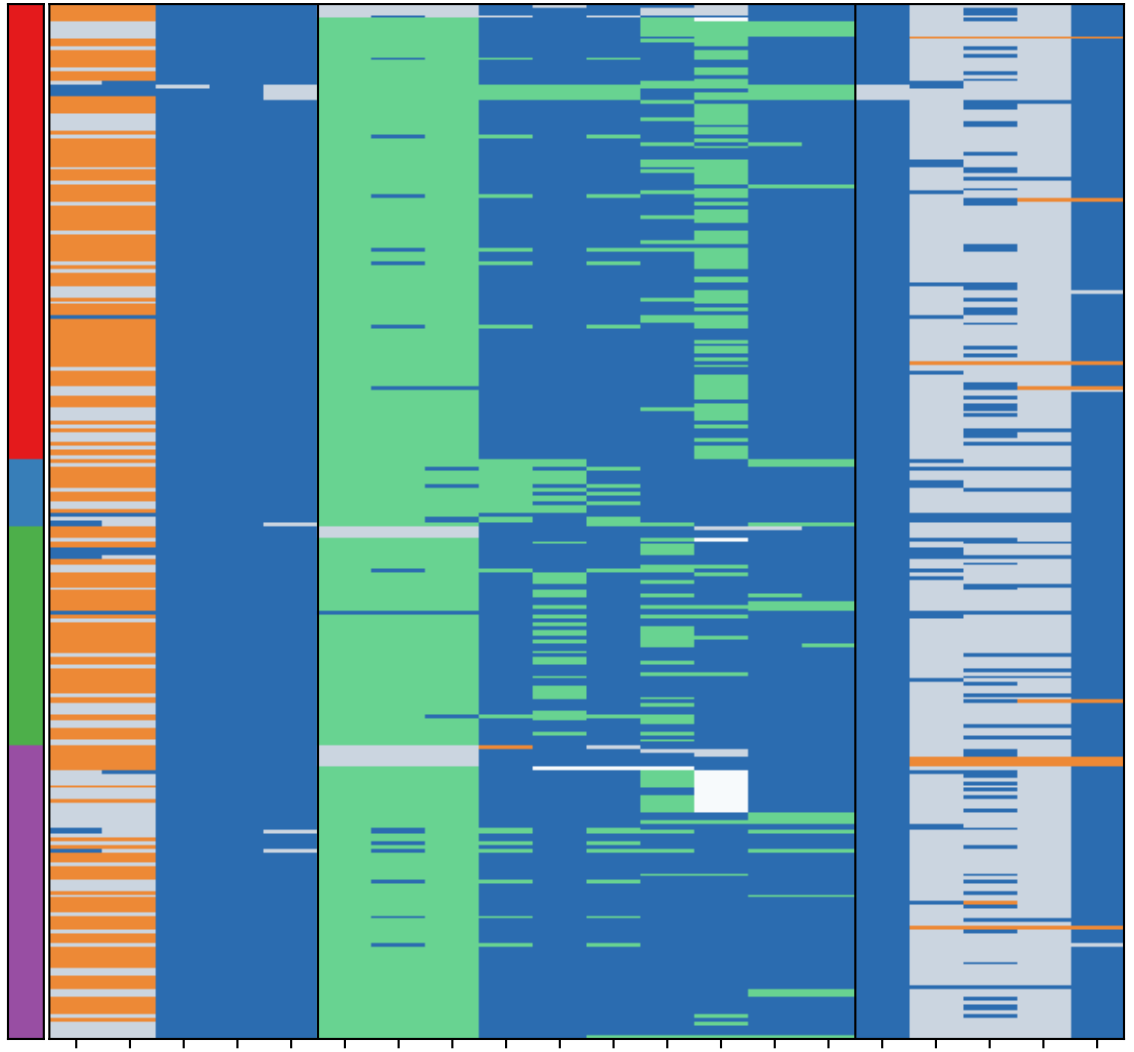


L036 10 genes content 100% of 293 strains type: monomorphic



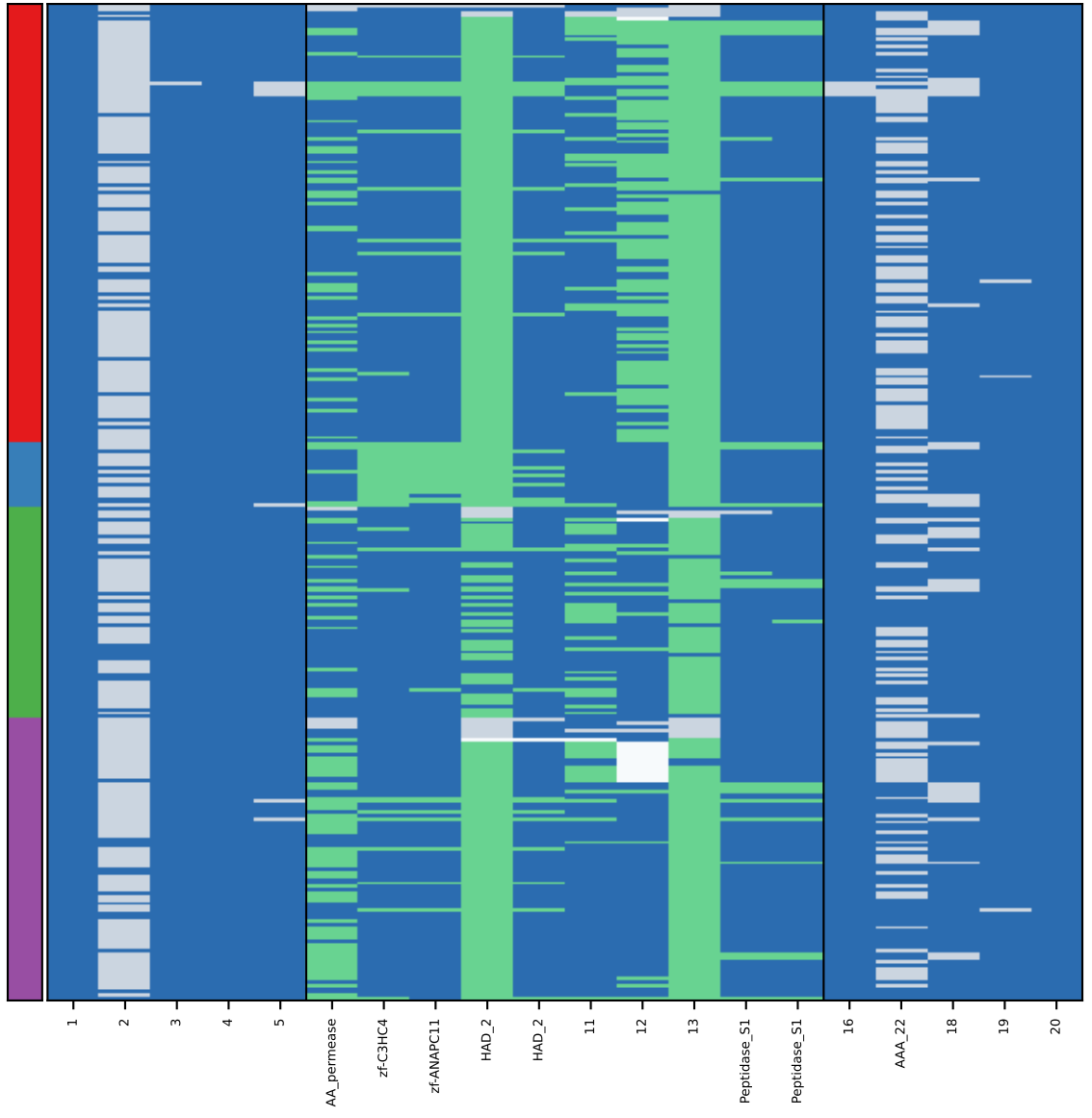
gene in place
DNA at site, no gene
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elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L037 10 genes content 100% of 293 strains type: monomorphic

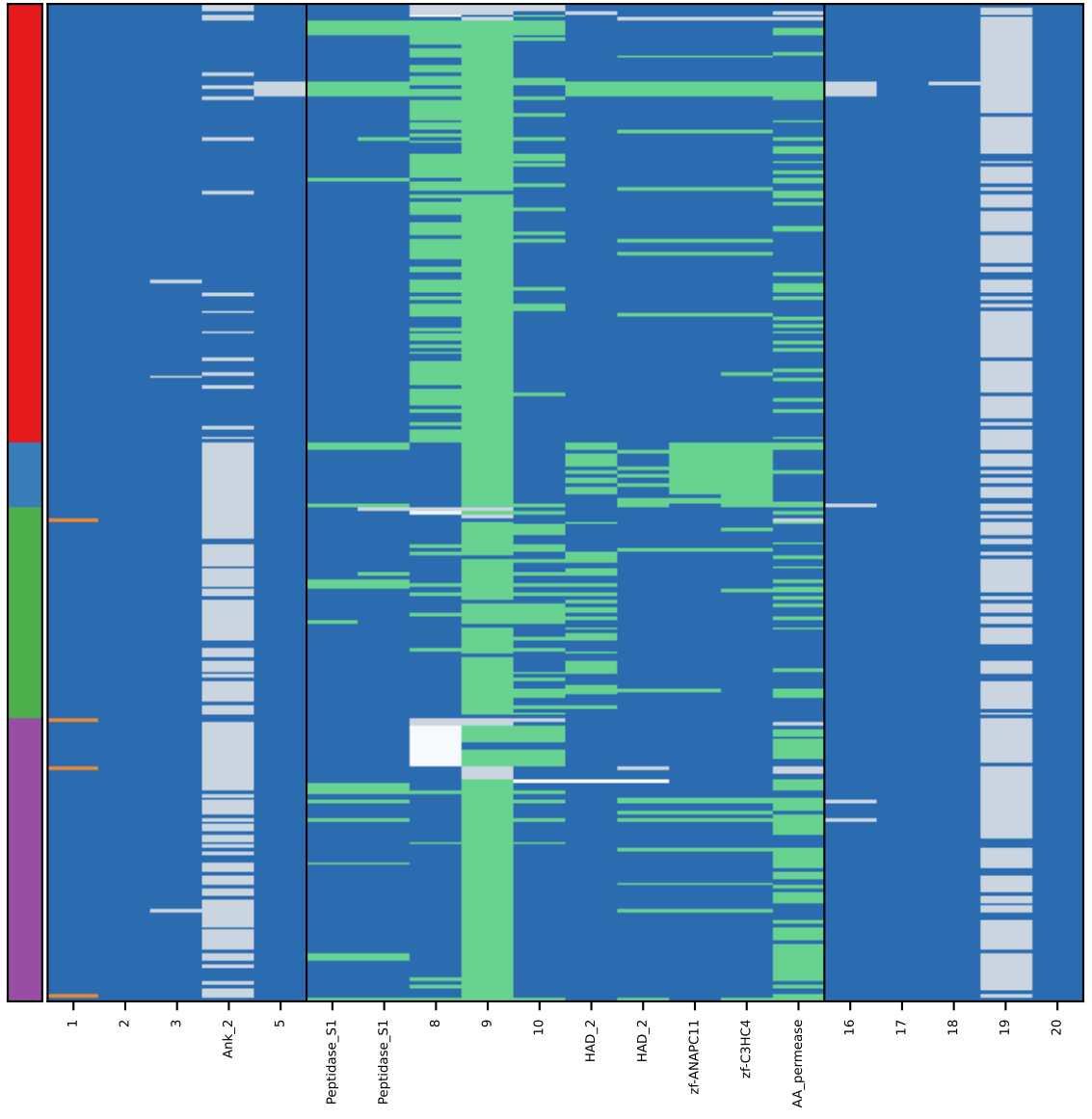


gene in place
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elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

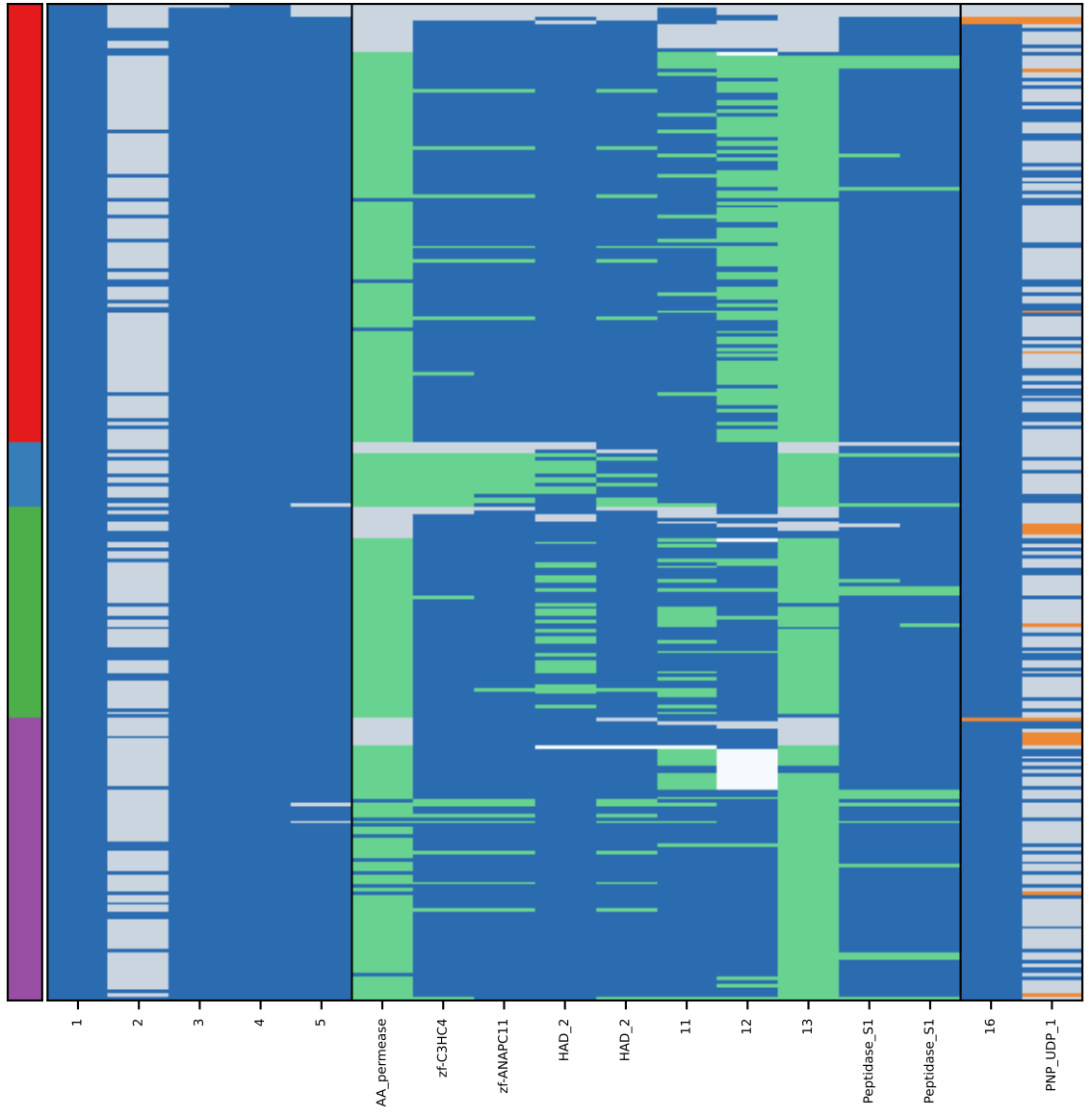
L038 10 genes content 100% of 293 strains type: monomorphic



L039 10 genes content 100% of 293 strains type: monomorphic

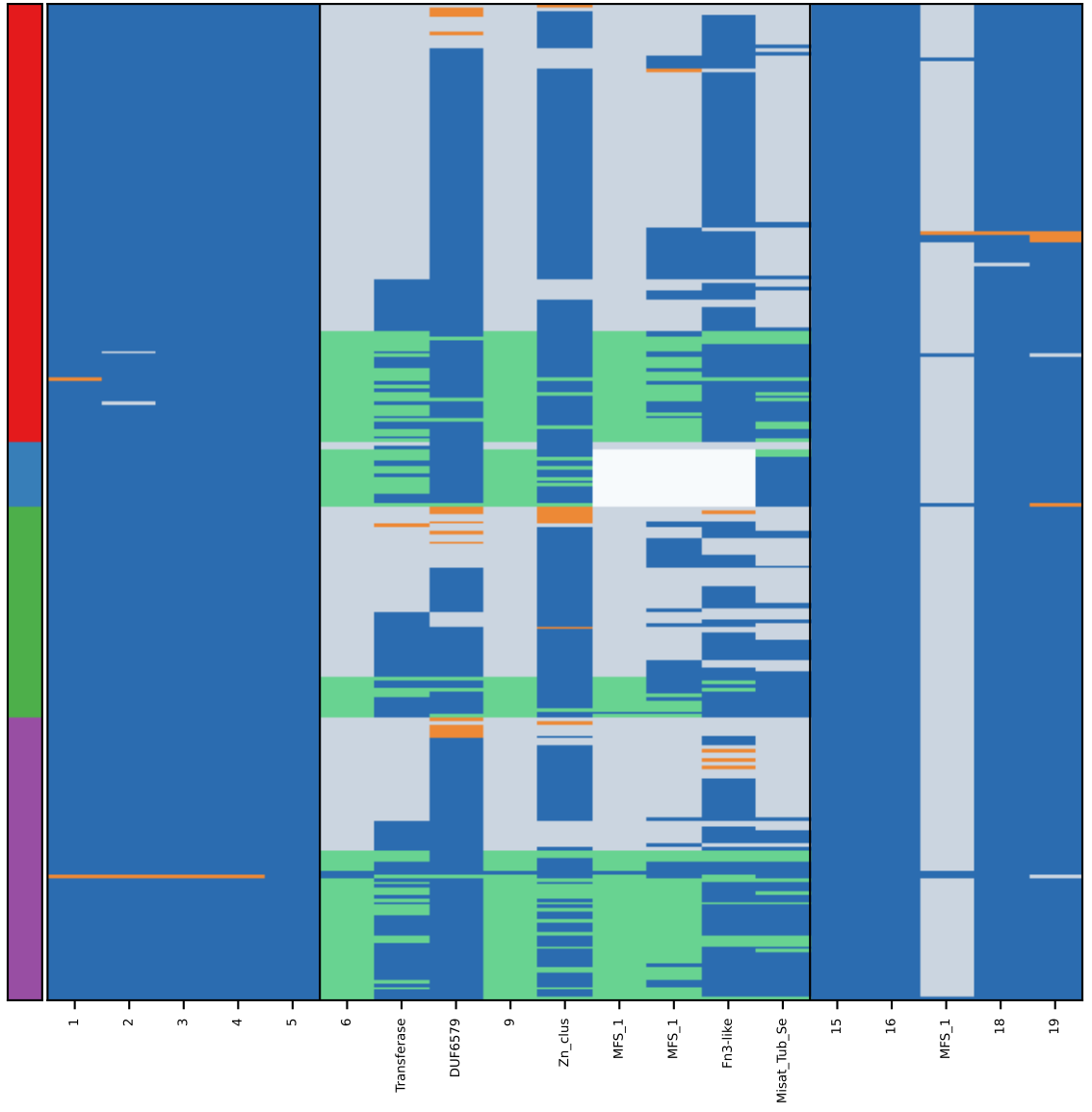


L040 10 genes content 98% of 293 strains type: content_variants

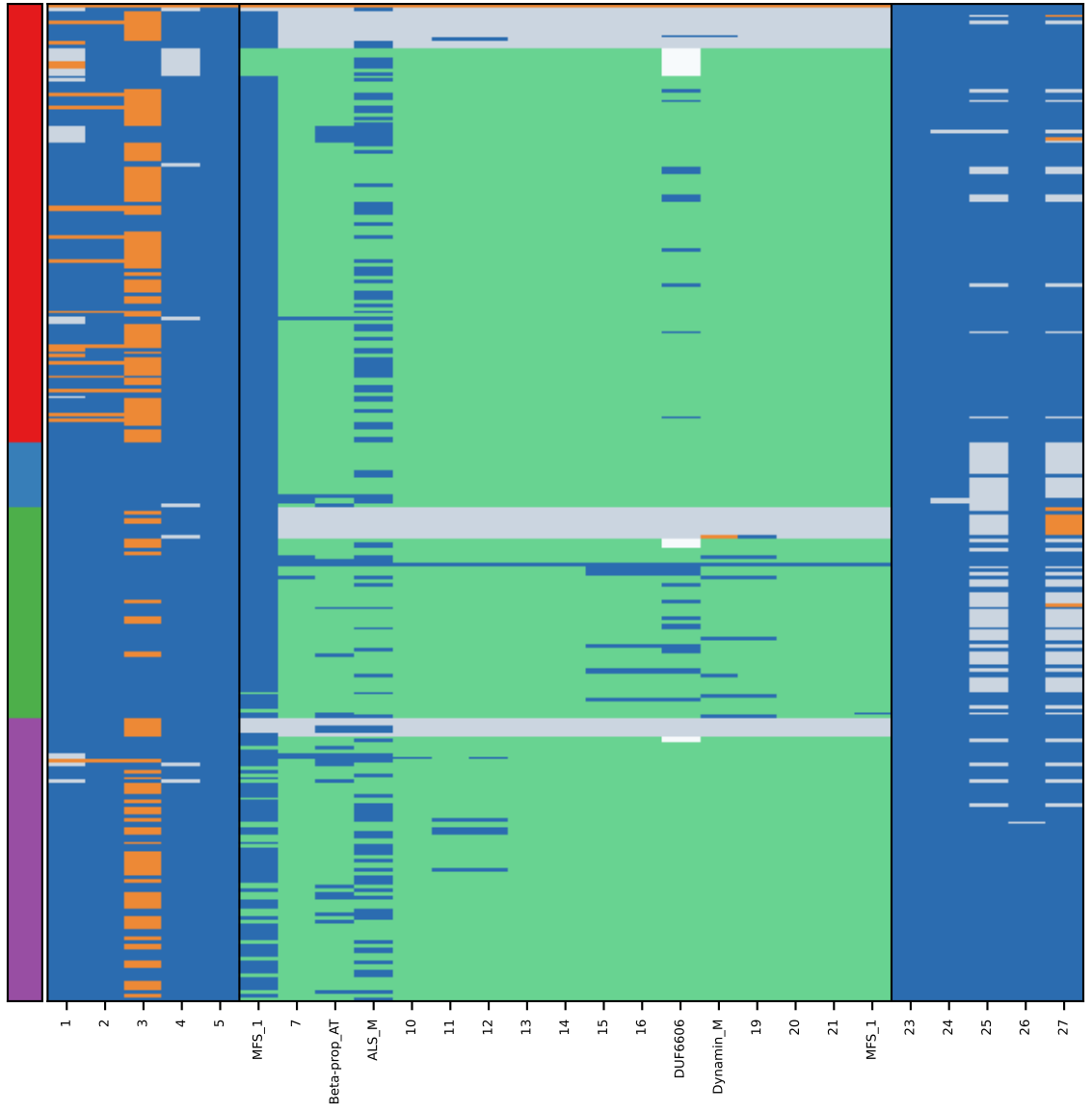


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
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clade_2
clade_3

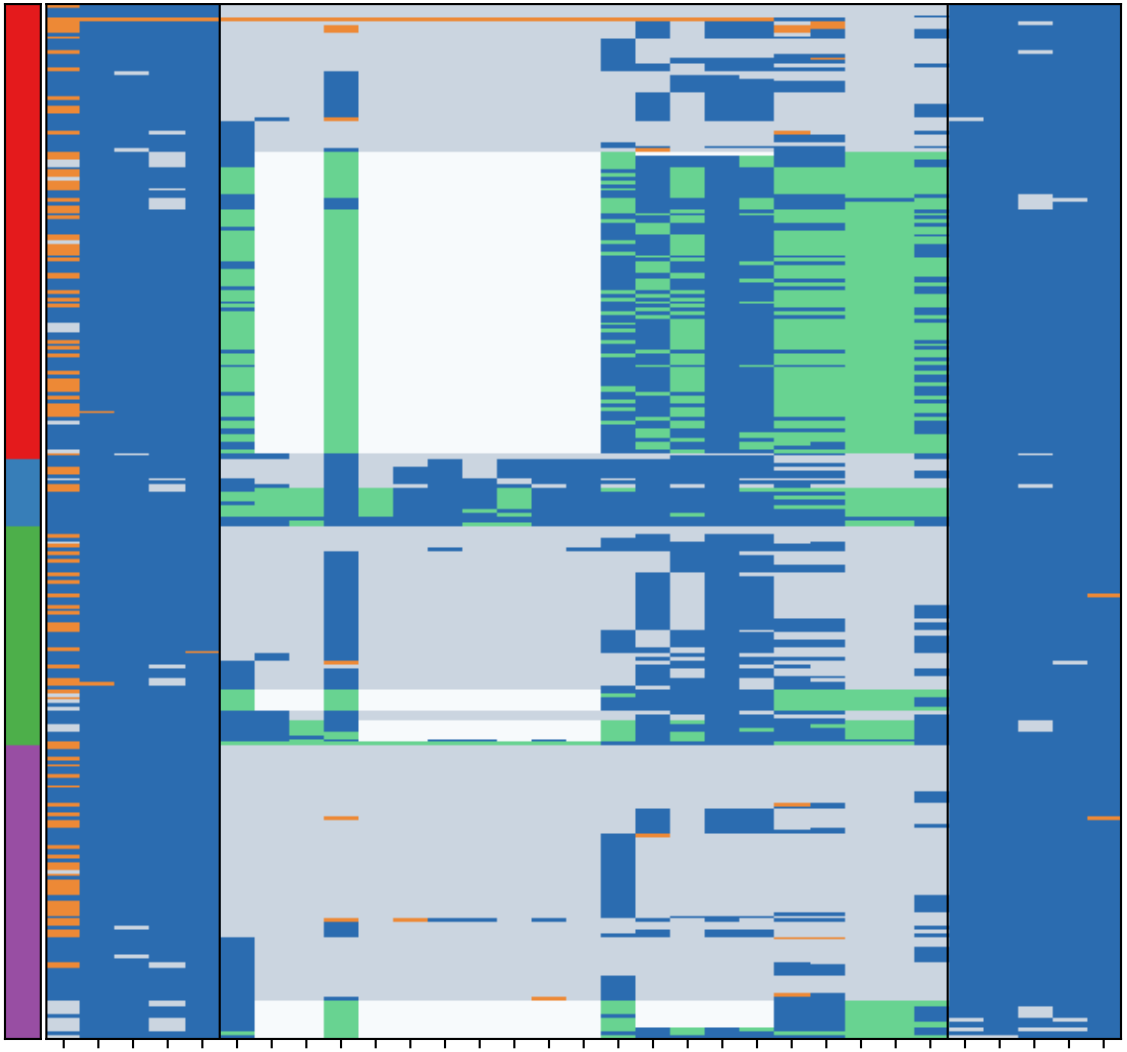
L041 9 genes content 41% of 293 strains type: unresolved



L042 17 genes content 91% of 293 strains type: content_variants

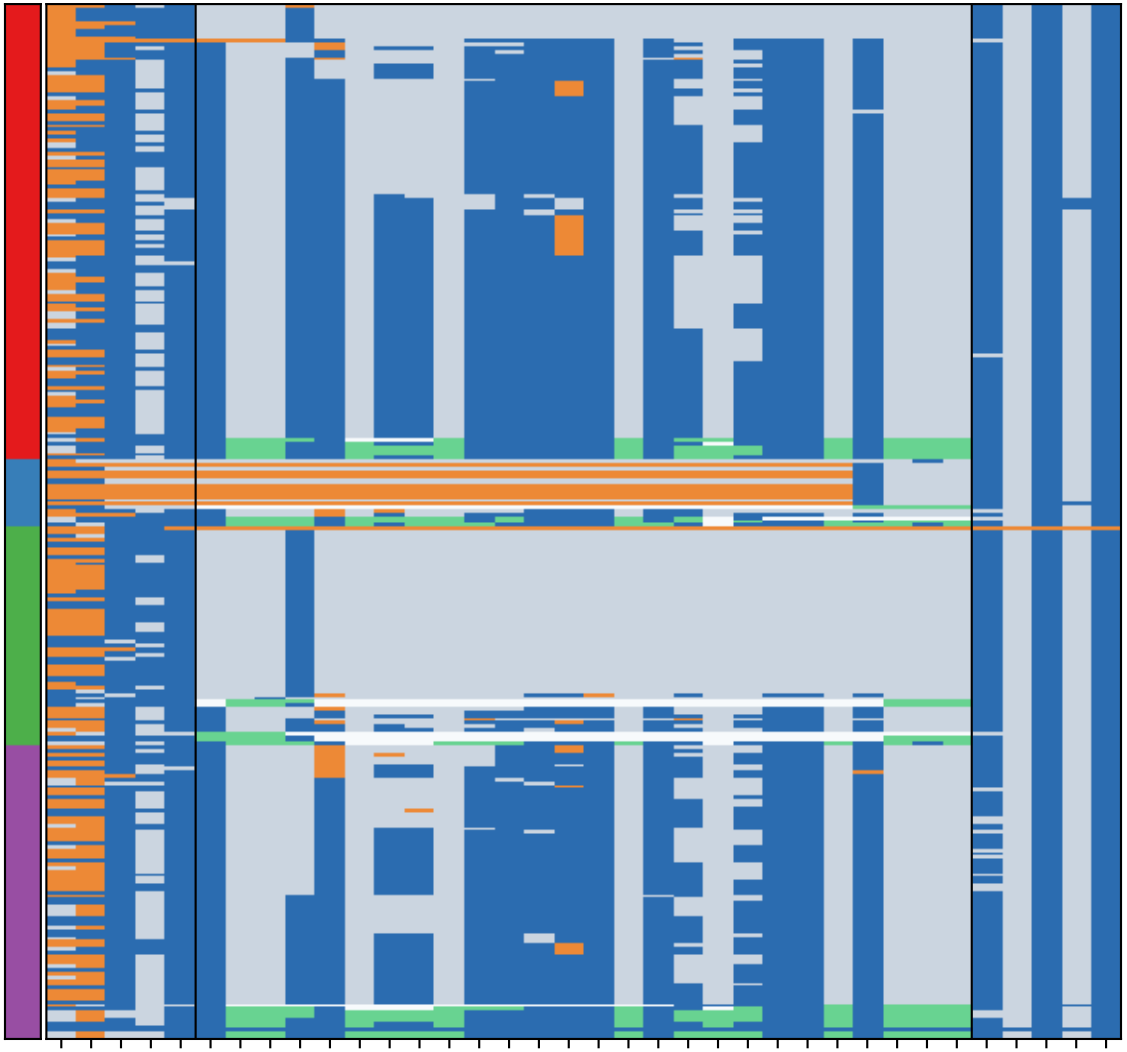


L043 21 genes content 40% of 293 strains type: unresolved



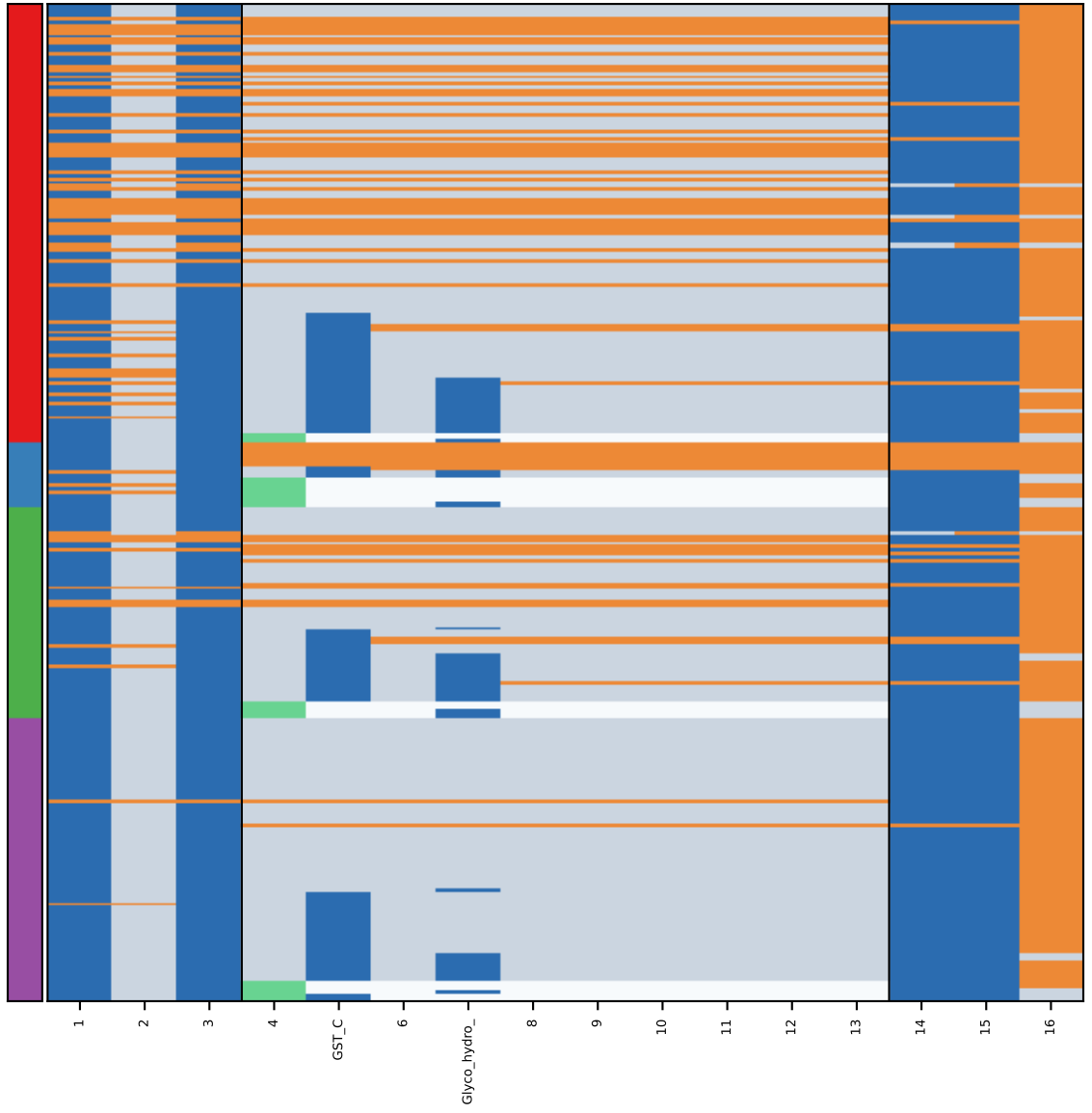
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L044 26 genes content 60% of 293 strains type: content_variants

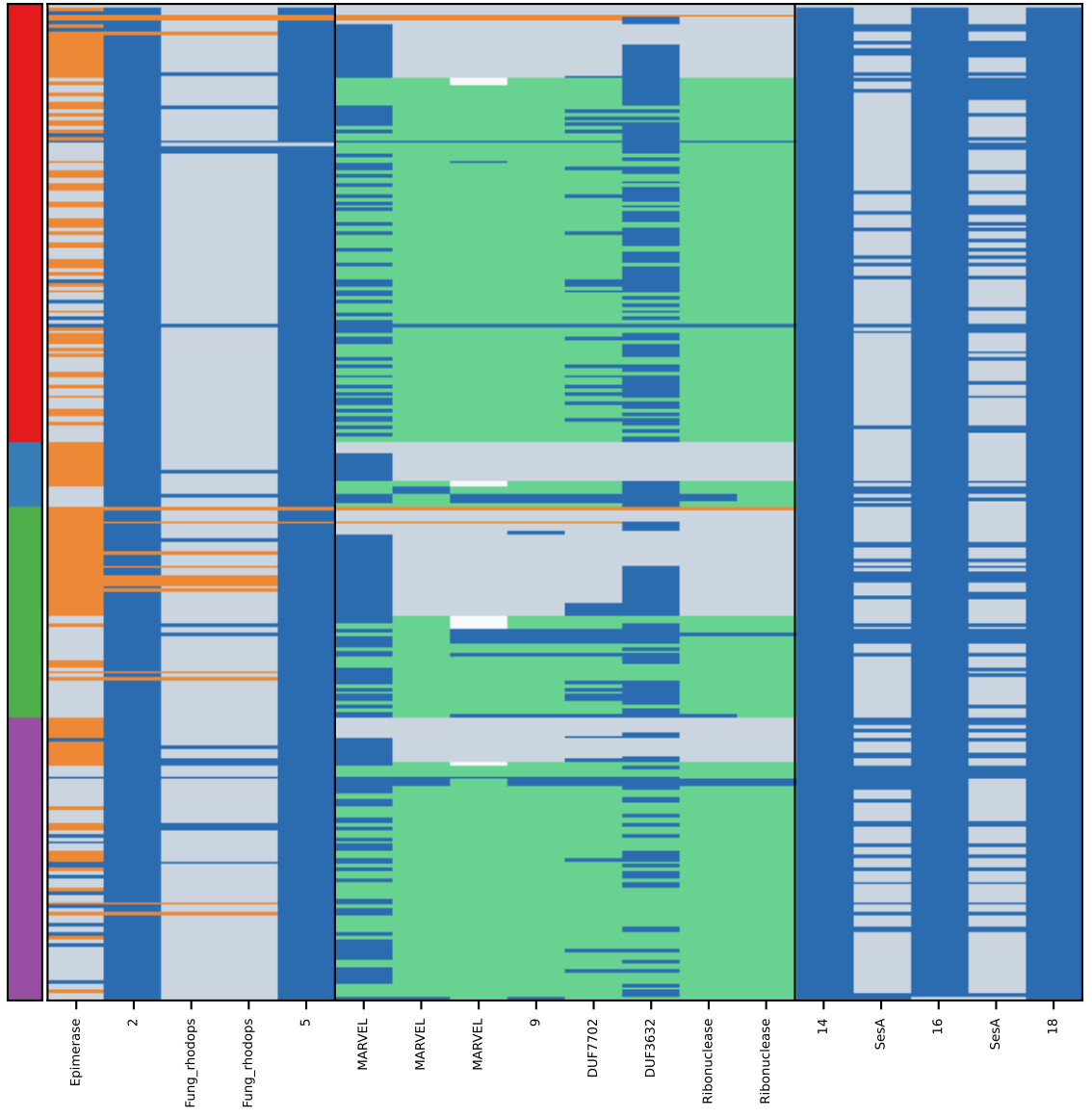


gene in place
DNA at site, no gene
DNA checked, absent
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elsewhere / contig break
clade_0
clade_1
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clade_3

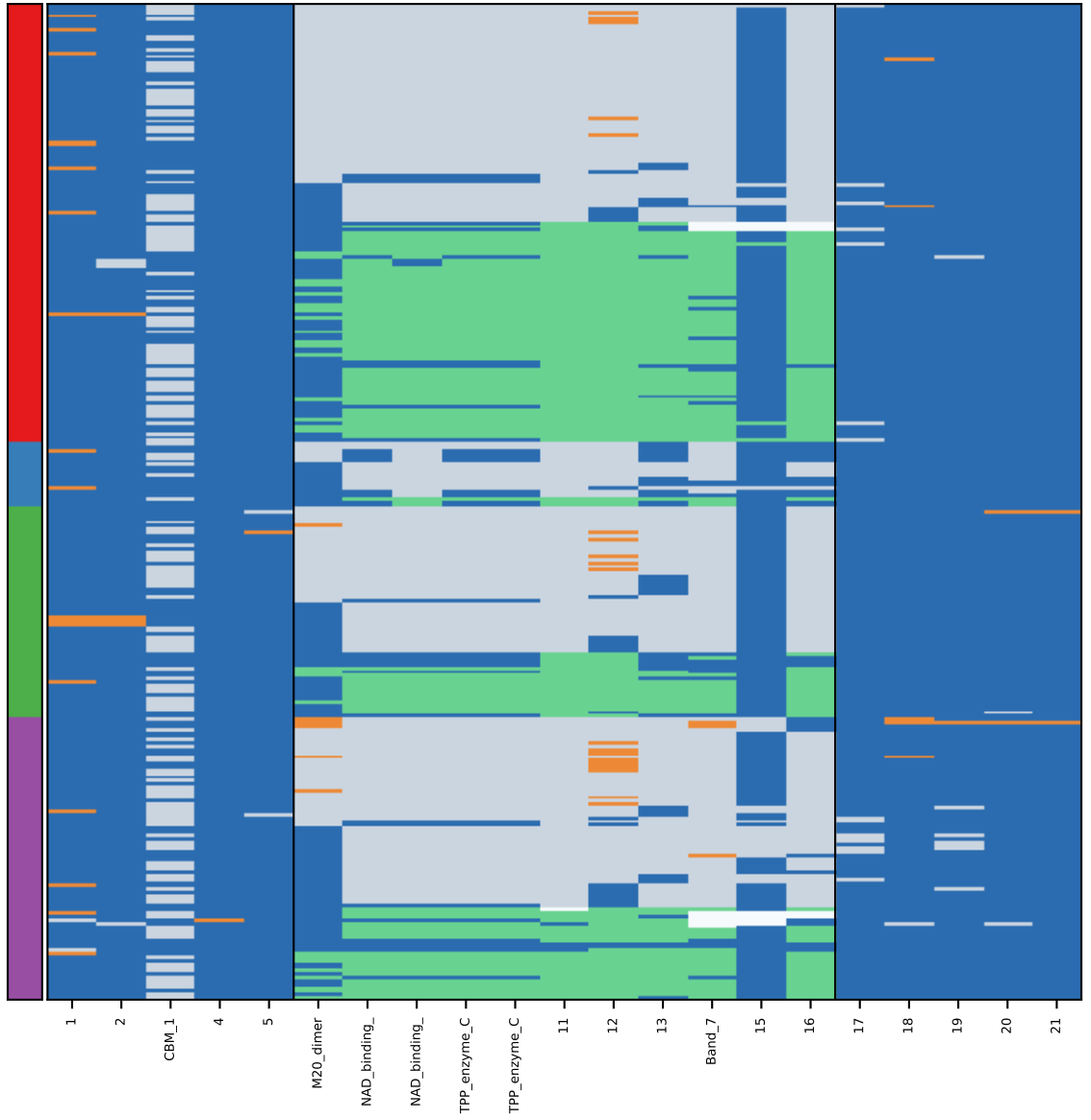
L045 10 genes content 0% of 293 strains type: unresolved



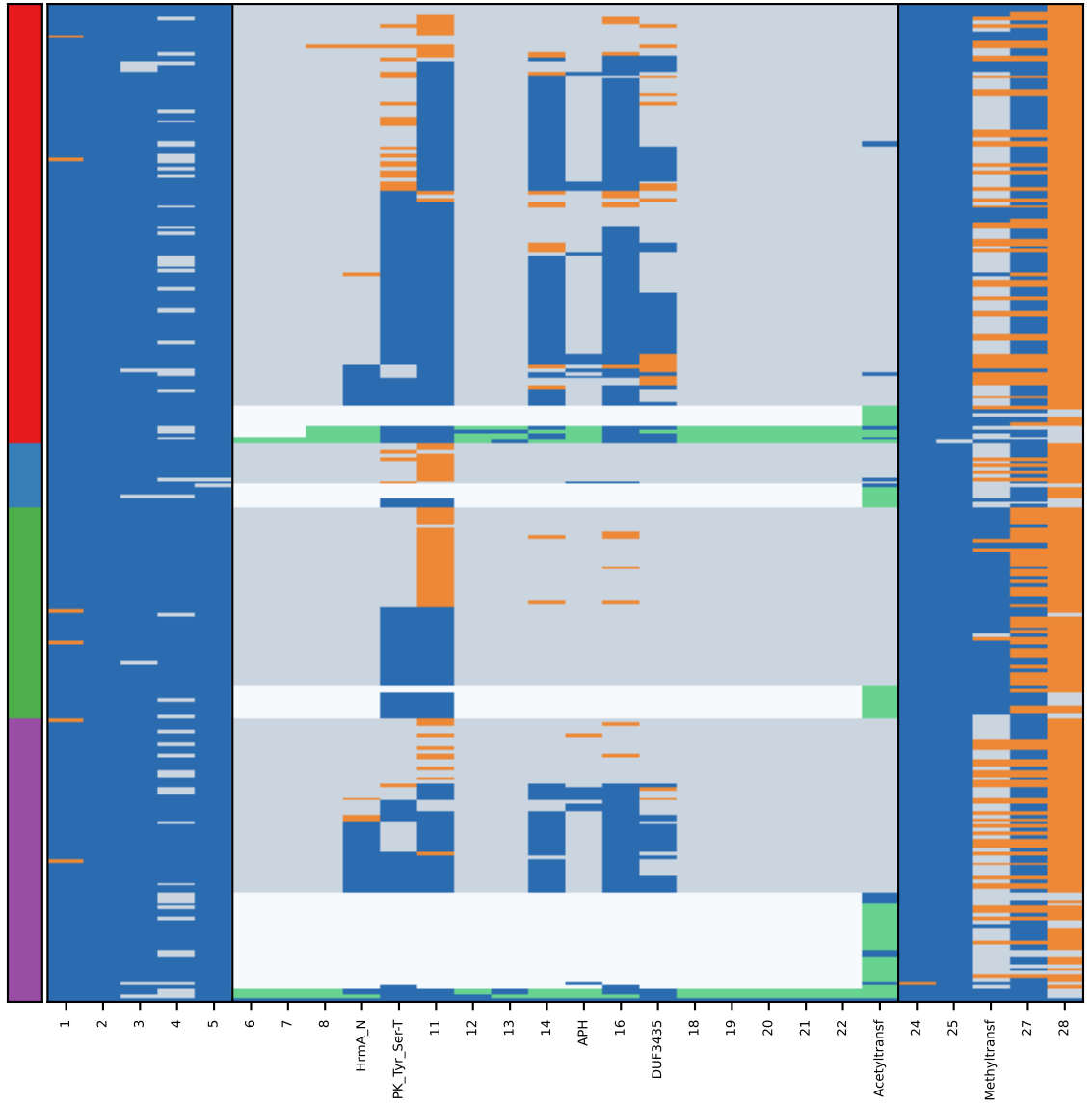
L046 8 genes content 73% of 293 strains type: content_variants



L047 11 genes content 42% of 293 strains type: unresolved

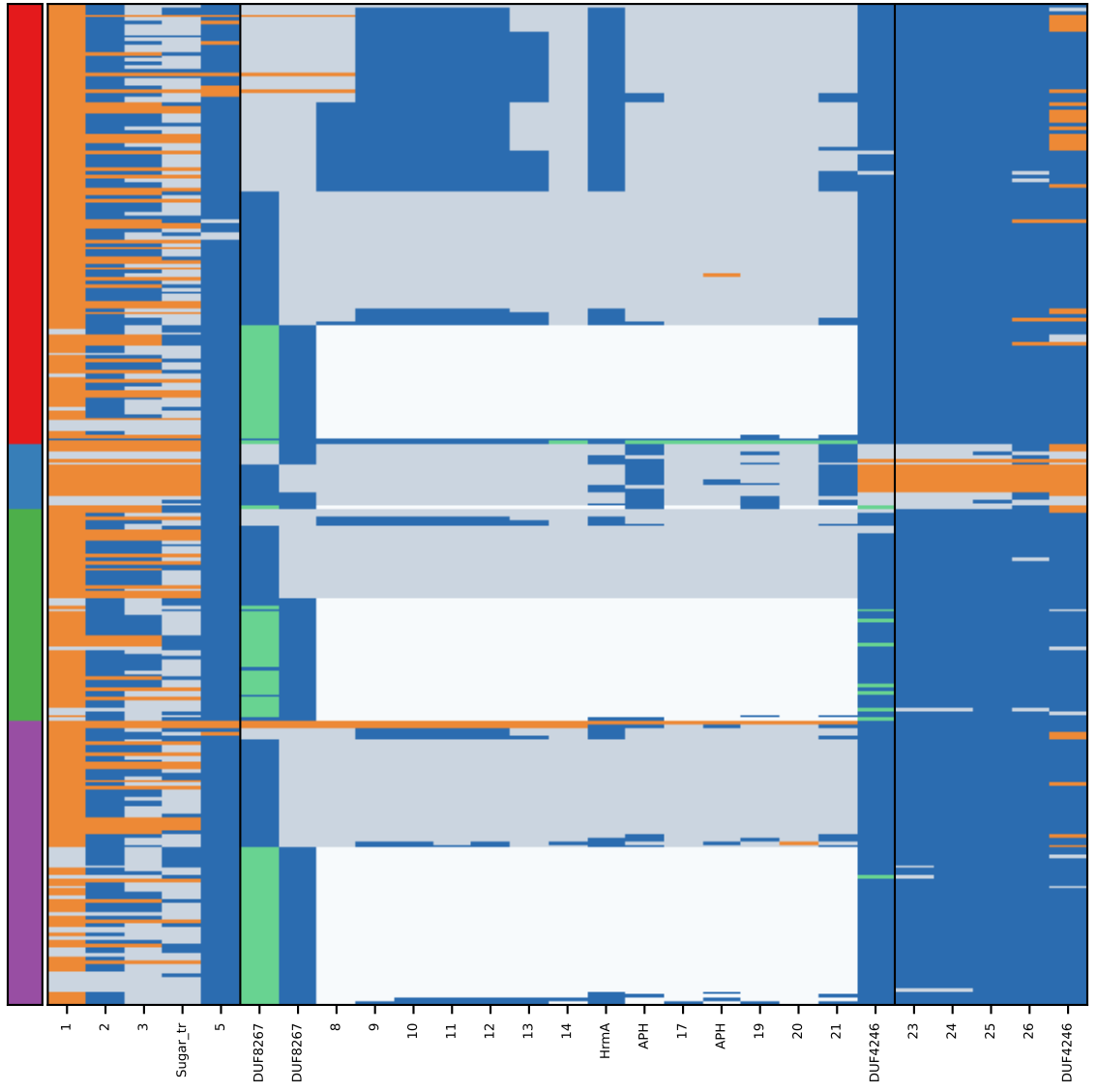


L048 18 genes content 3% of 293 strains type: unresolved Starship: Osiris-h3



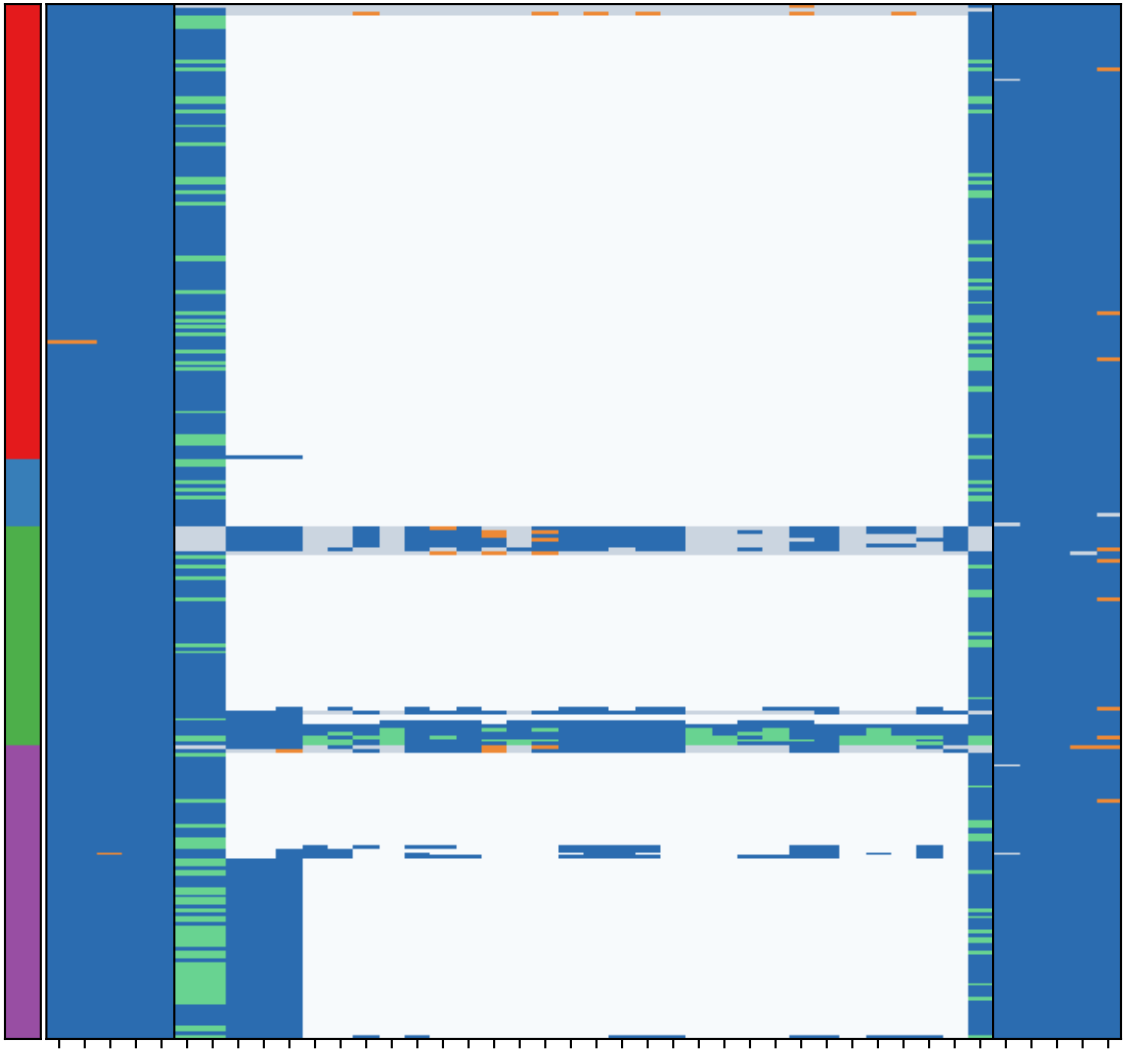
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L049 17 genes content 5% of 293 strains type: unresolved



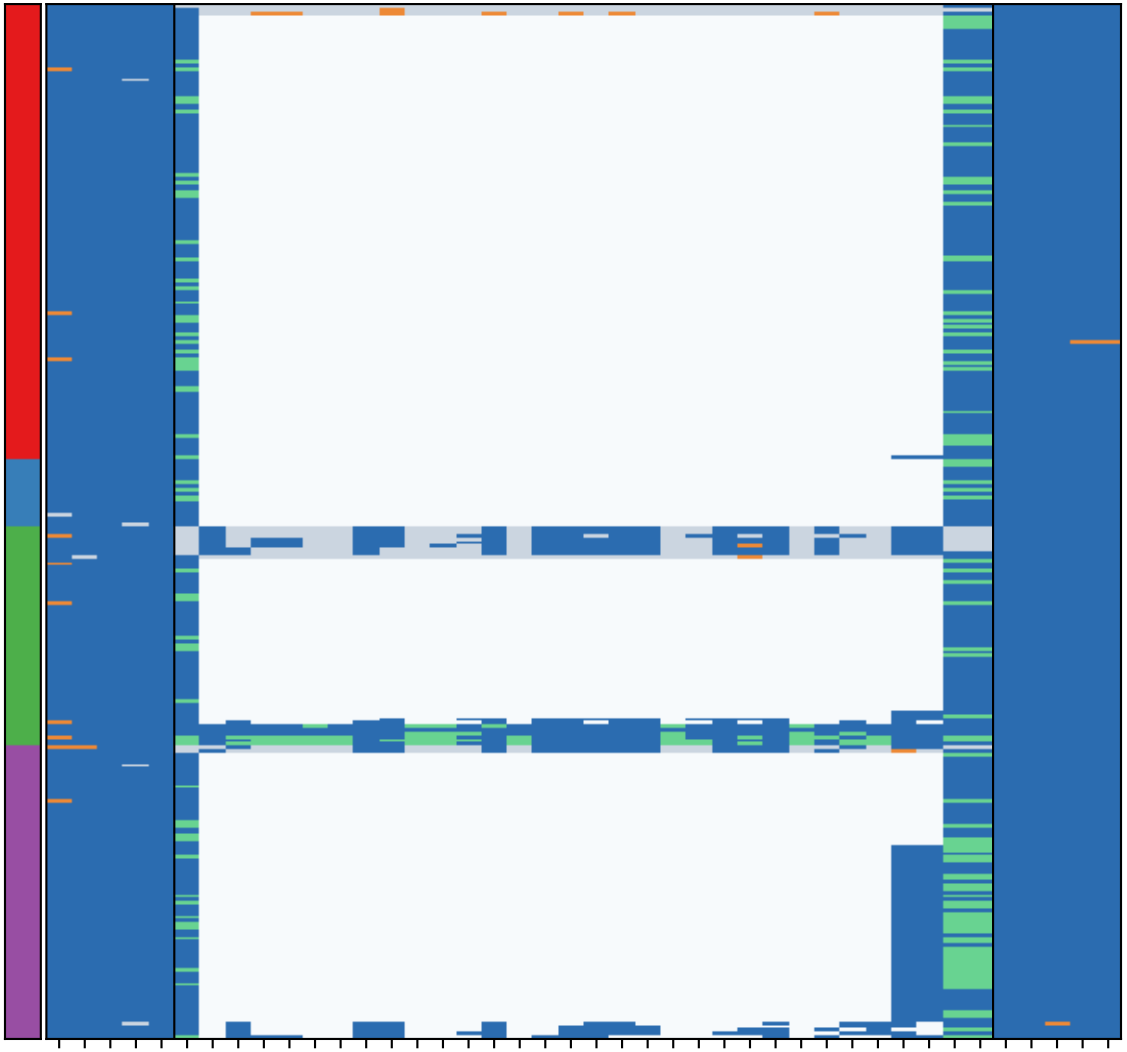
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L050 32 genes content 6% of 293 strains type: rare_content Starship: Lamia-h4



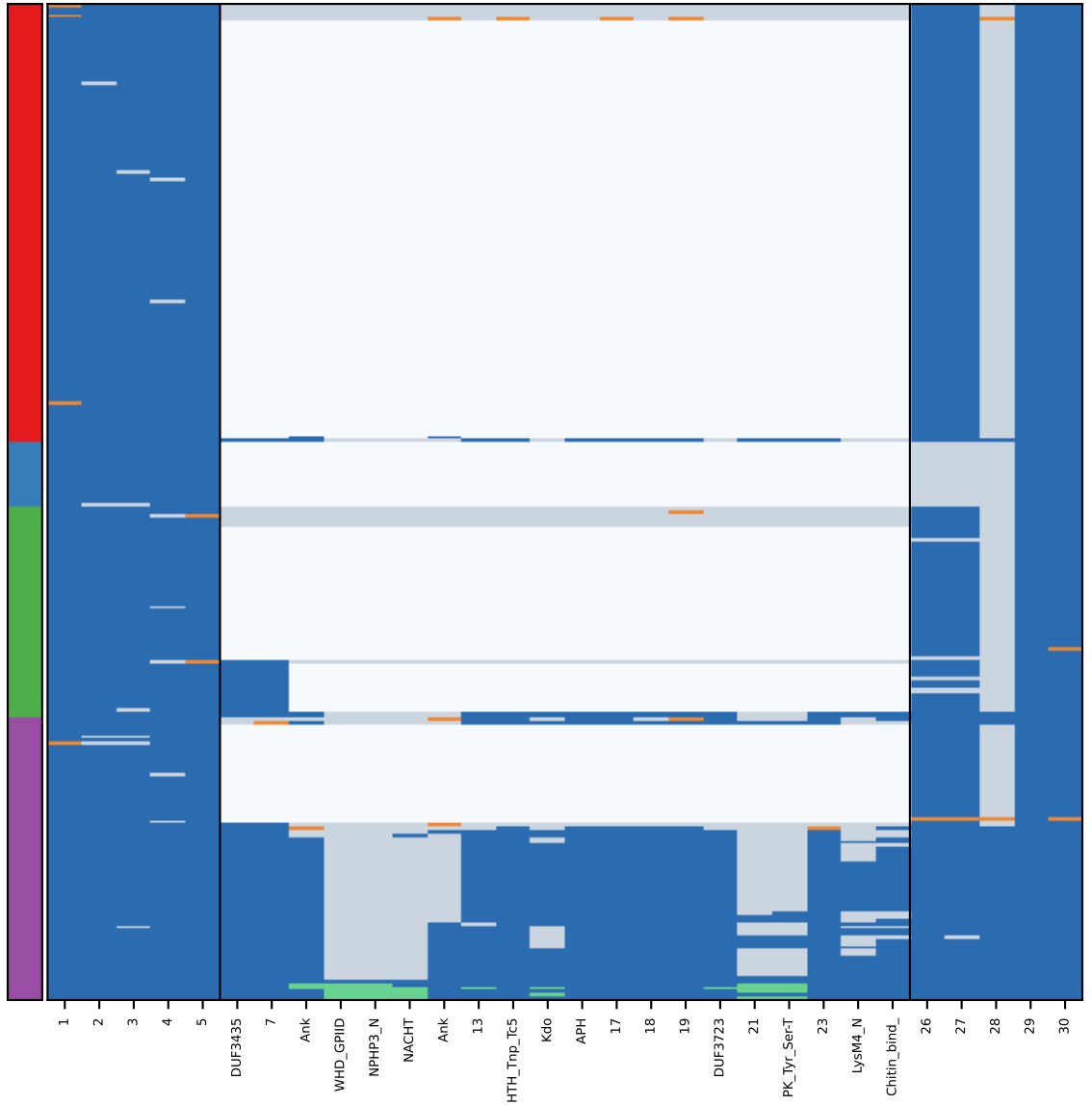
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L051 32 genes content 4% of 293 strains type: rare_content Starship: Lamia-h4



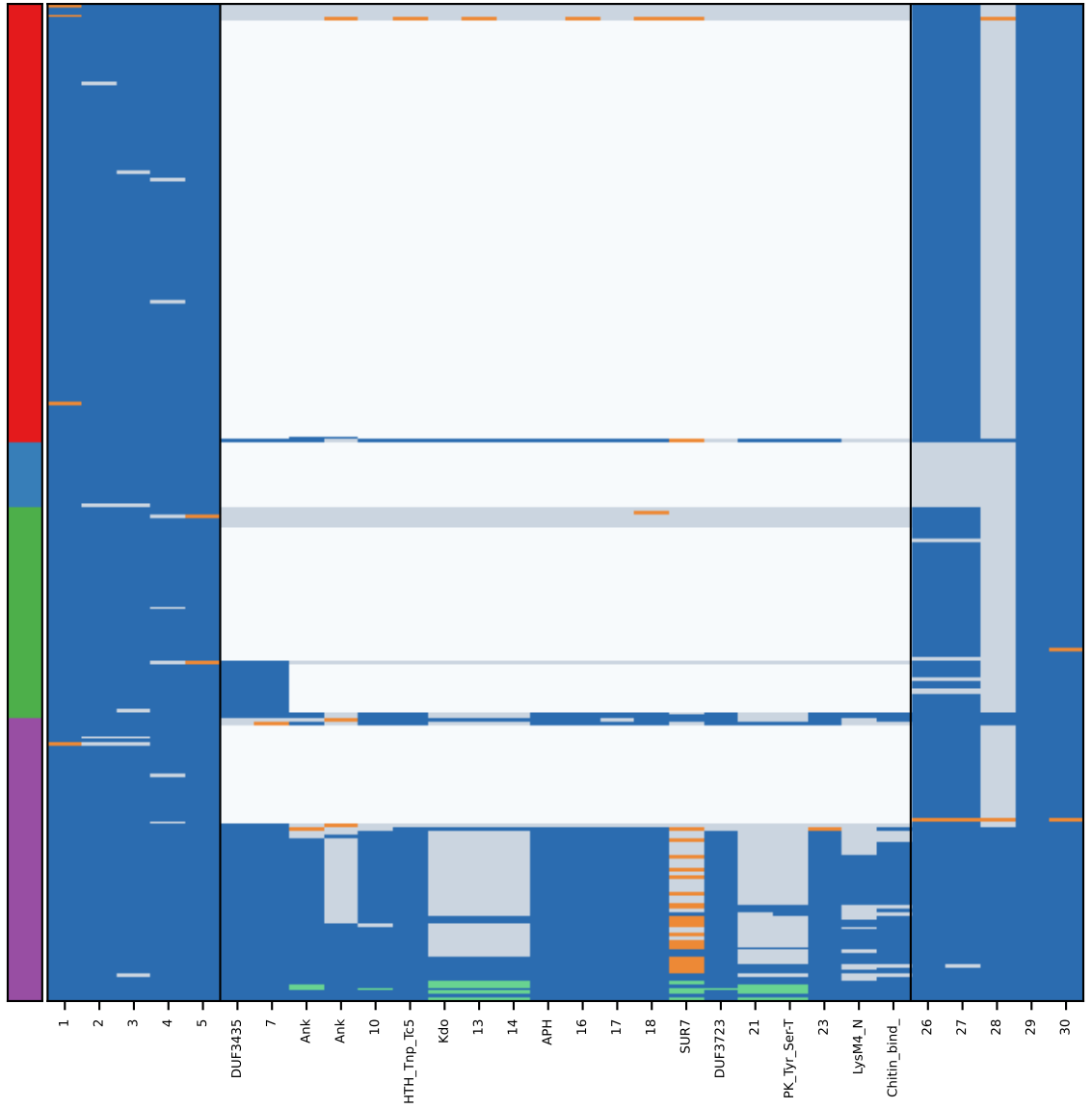
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L052 20 genes content 18% of 293 strains type: content_variants Starship: Lamia-h4

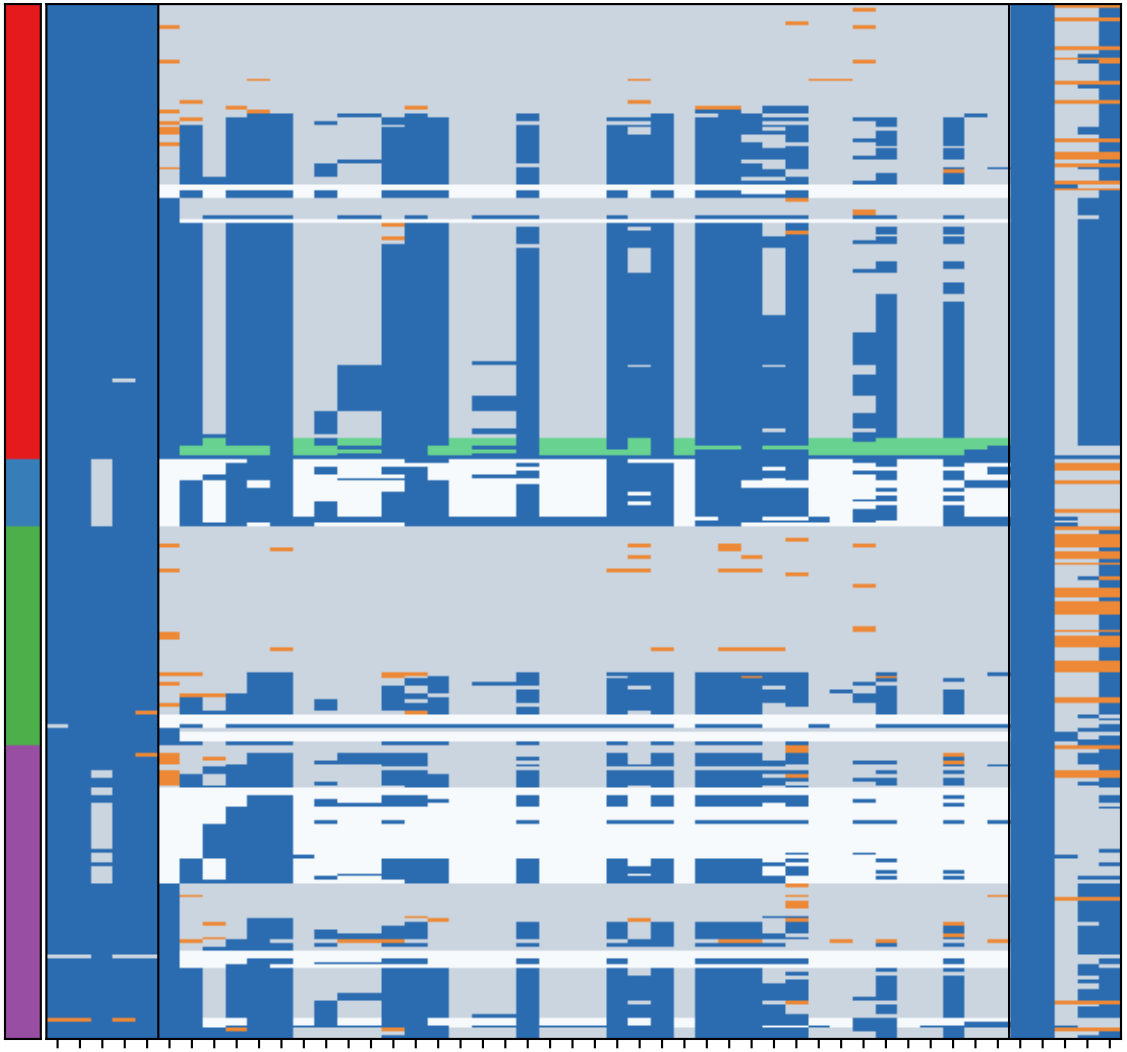


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L053 20 genes content 19% of 293 strains type: content_variants Starship: Lamia-h4

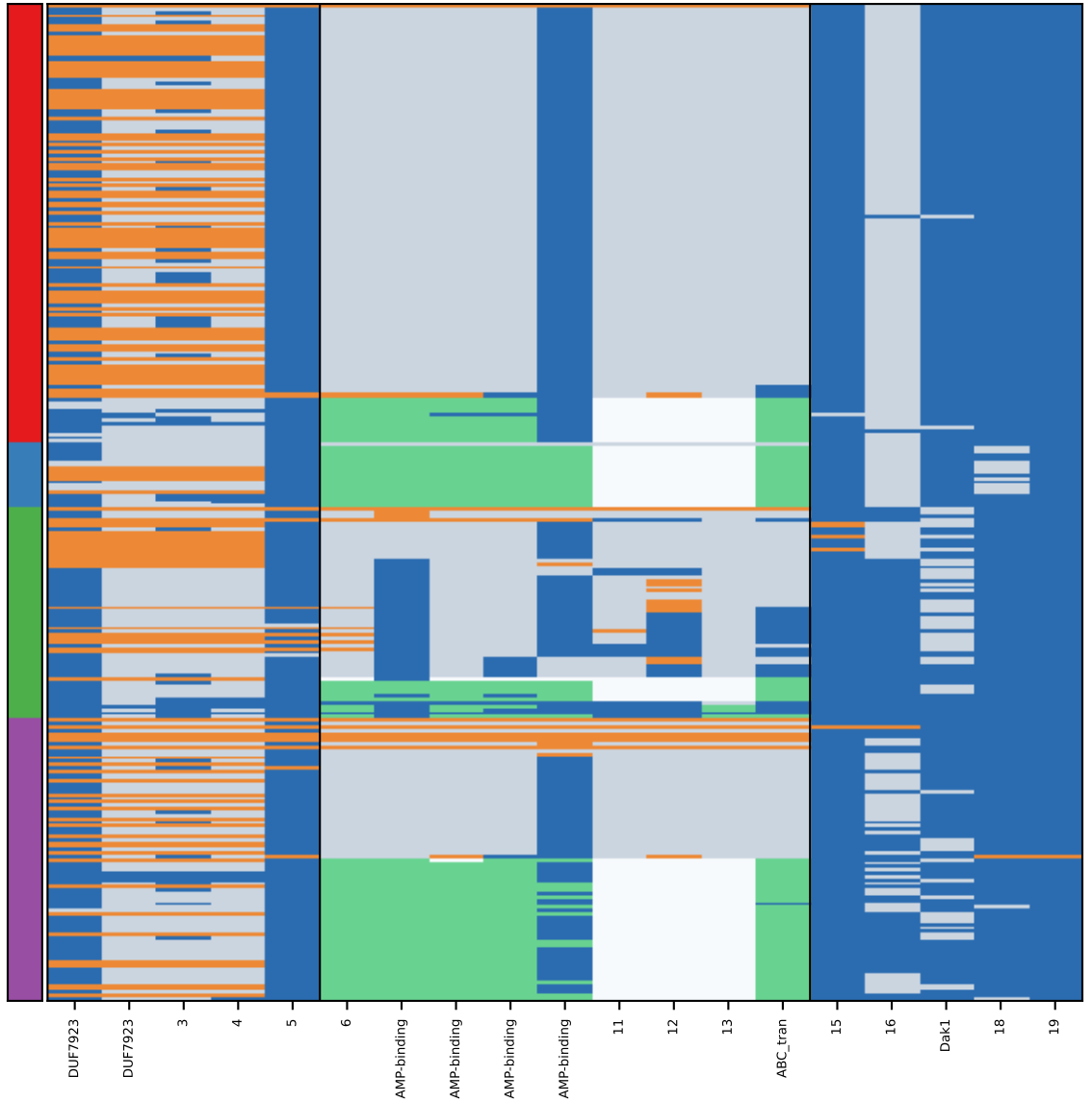


L054 38 genes content 24% of 293 strains type: unresolved Starship: Gnosis-h1

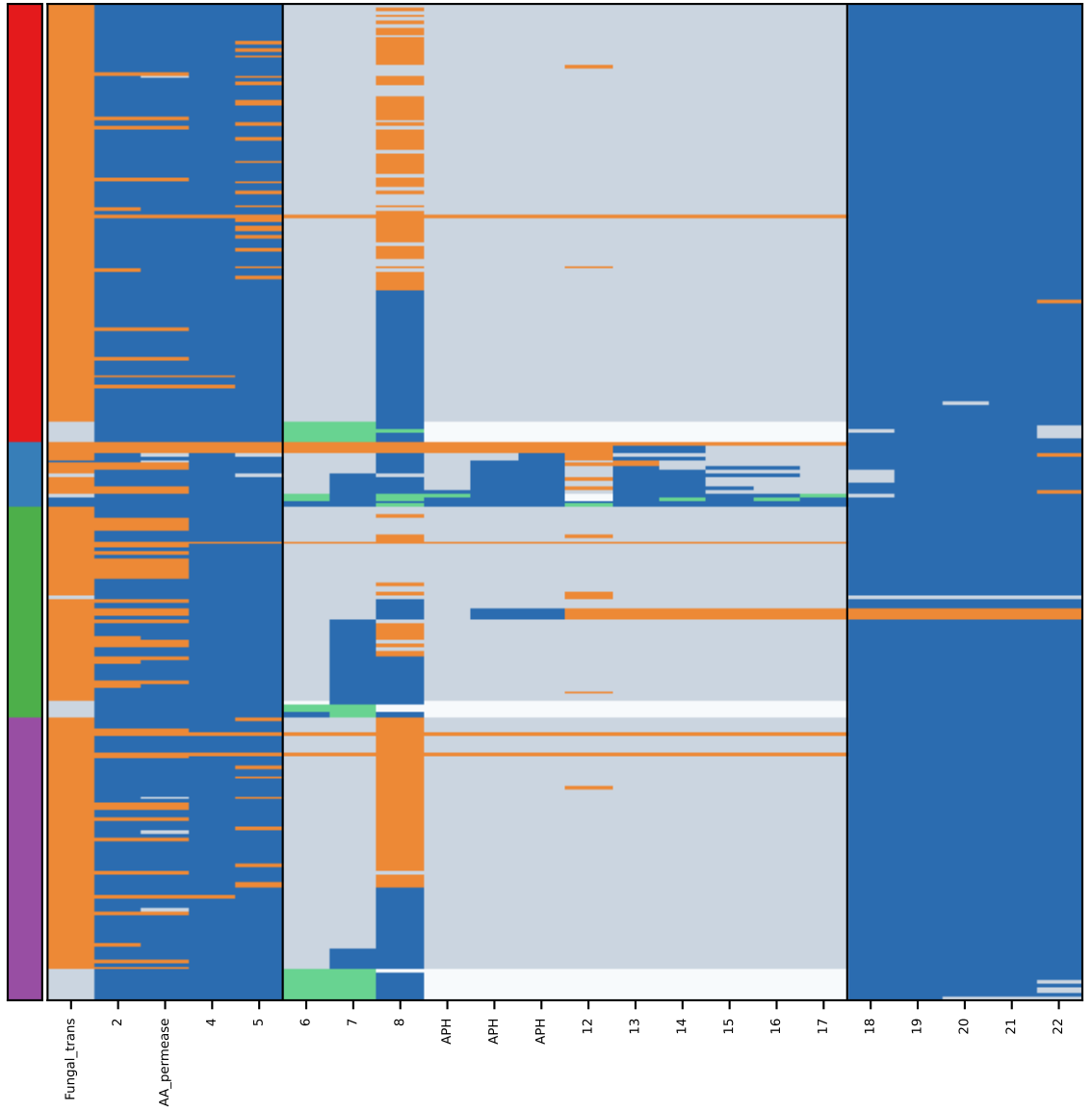


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

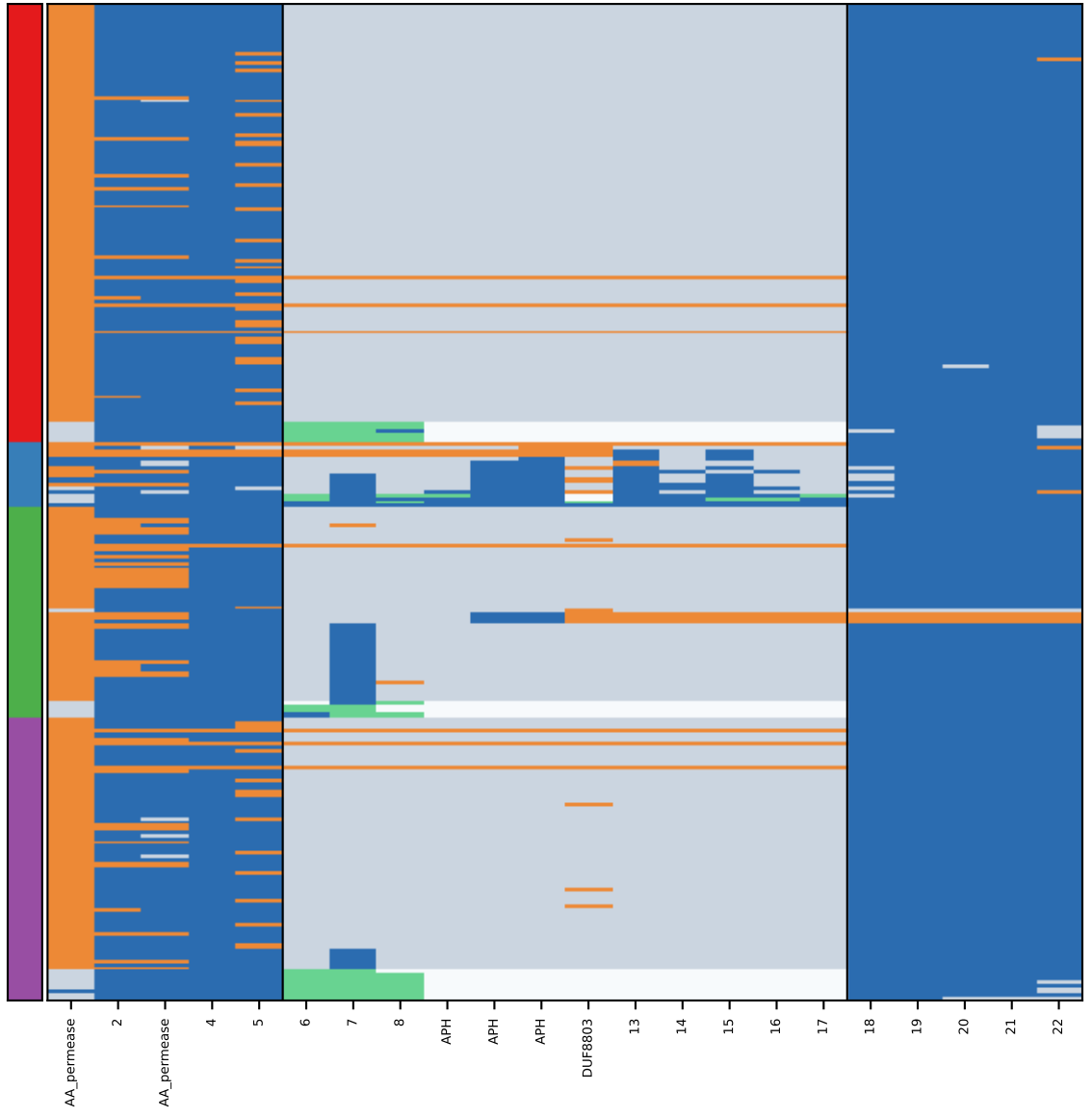
L055 9 genes content 30% of 293 strains type: unresolved



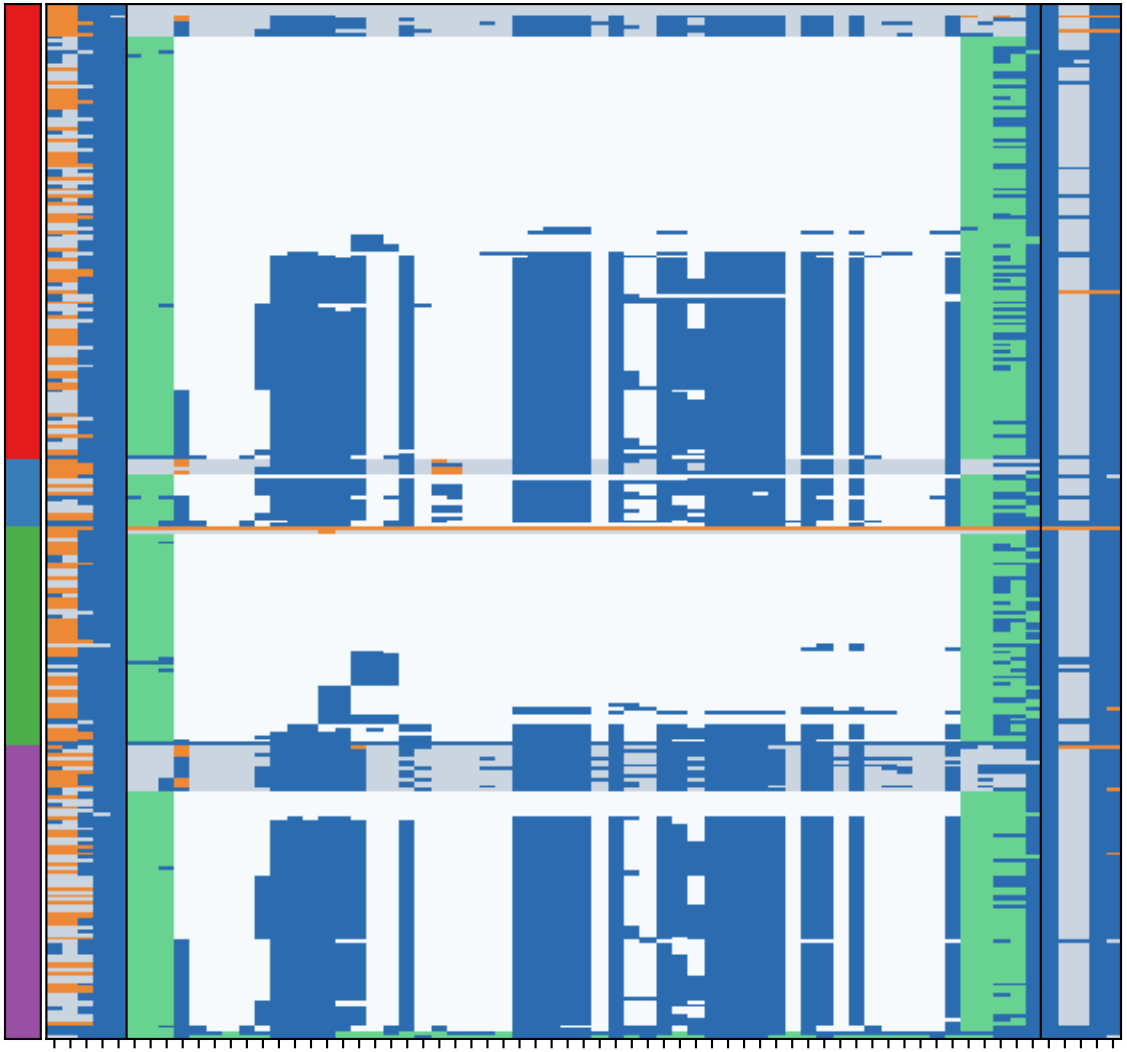
L056 12 genes content 4% of 293 strains type: unresolved



L057 12 genes content 2% of 293 strains type: unresolved

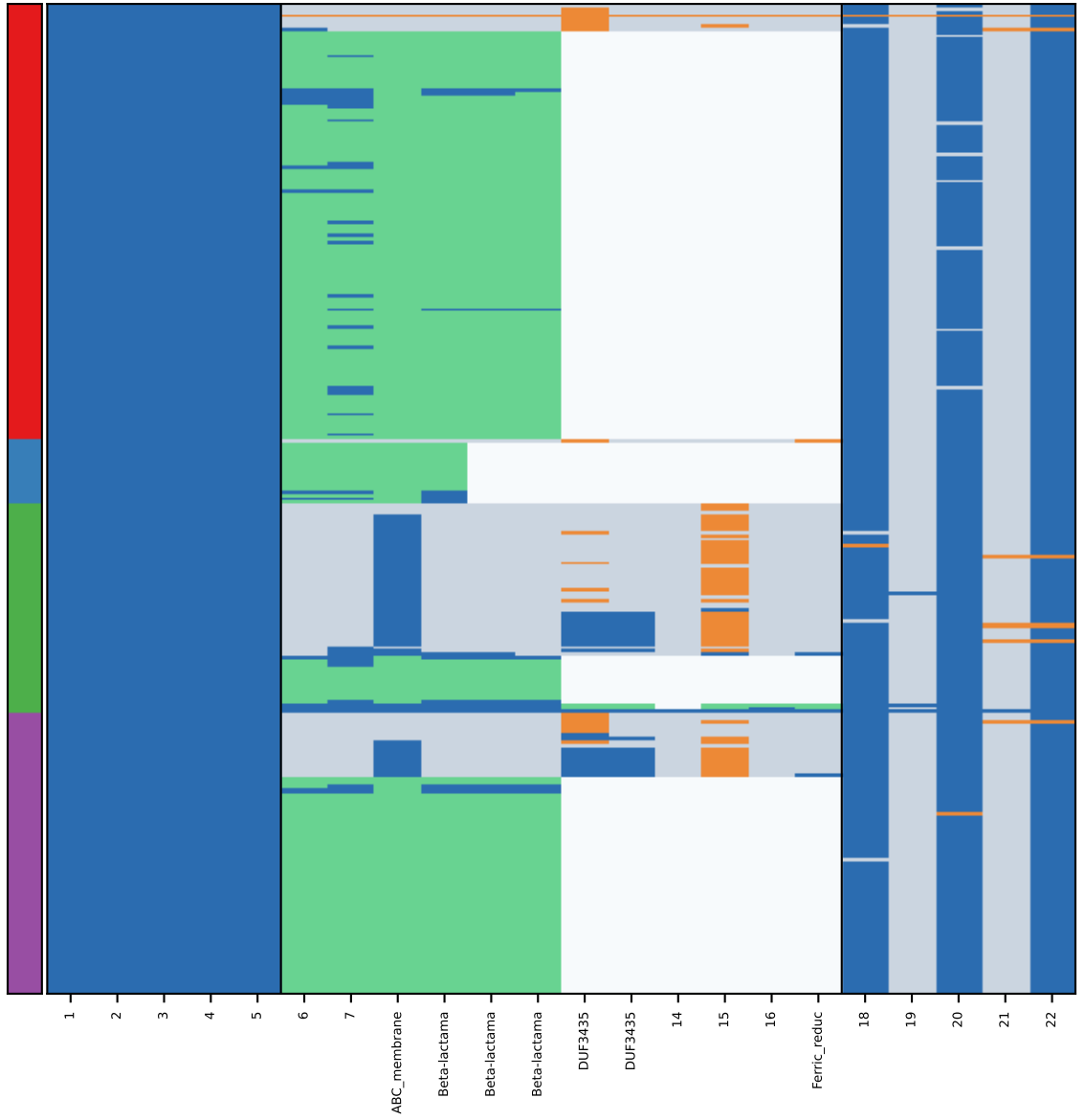


L058 57 genes content 51% of 293 strains type: content_variants Starship: Tardis-h1

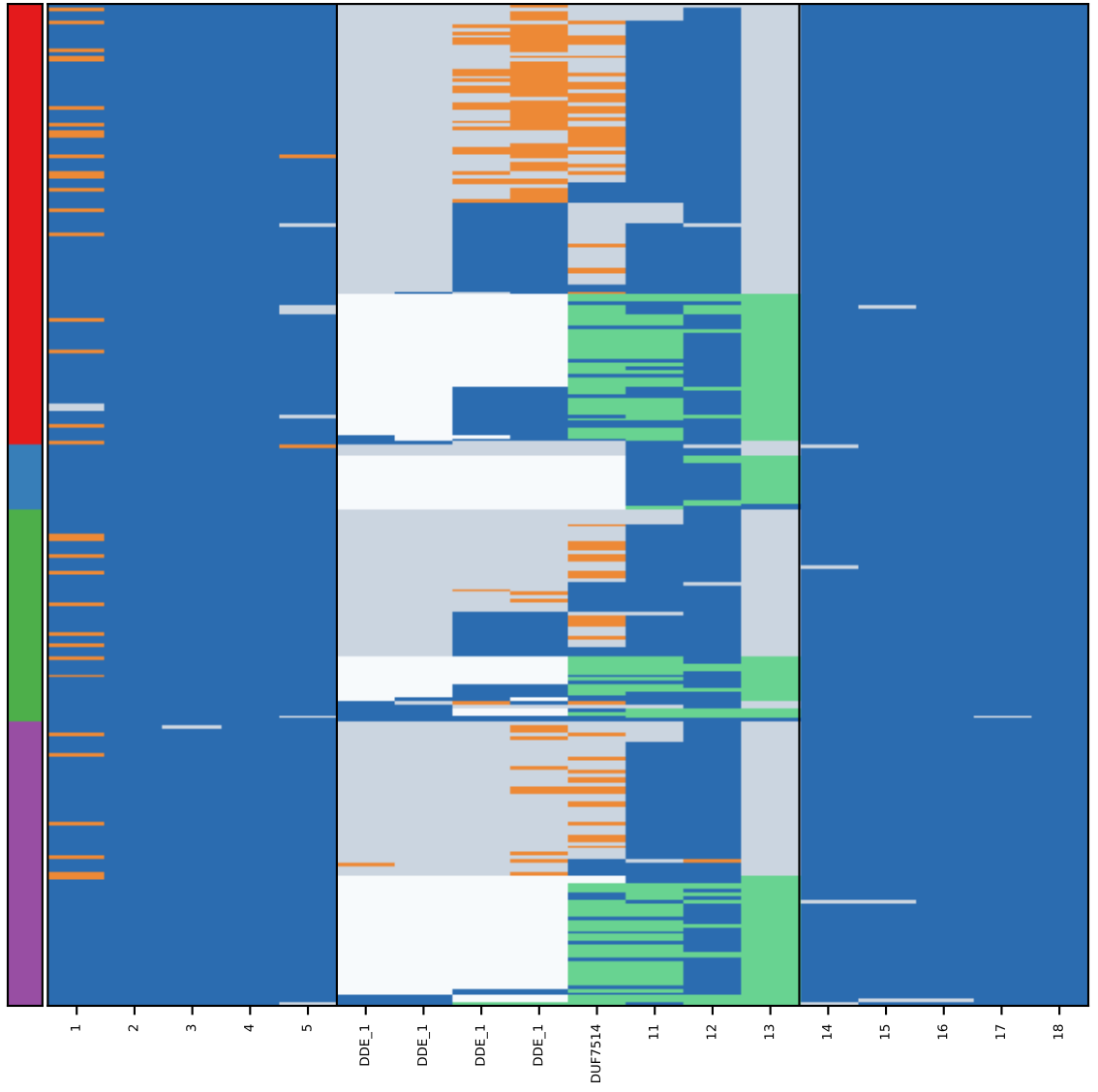


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

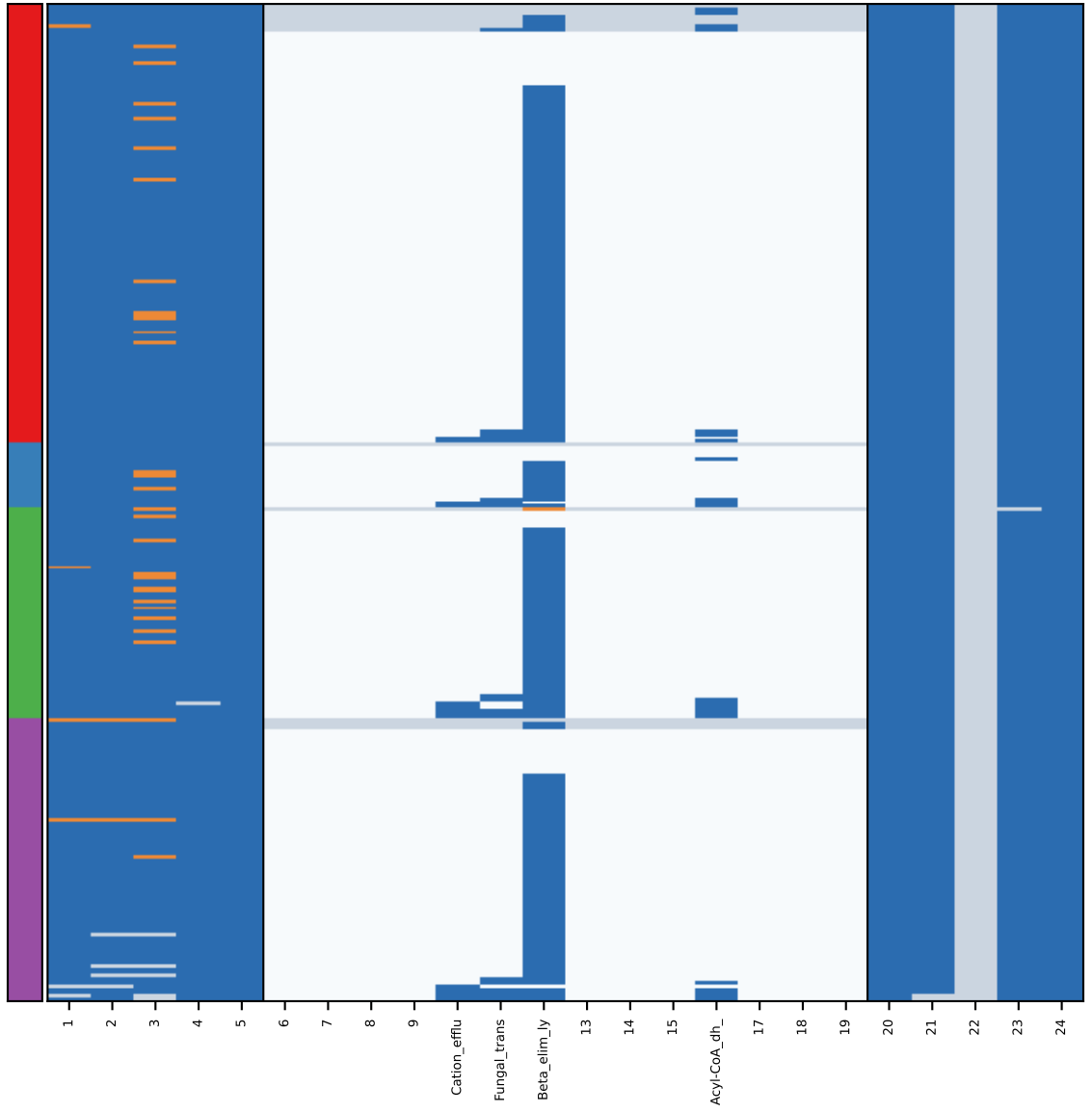
L059 12 genes content 69% of 293 strains type: content_variants Starship: Tardis-h1



L060 8 genes content 44% of 293 strains type: unresolved

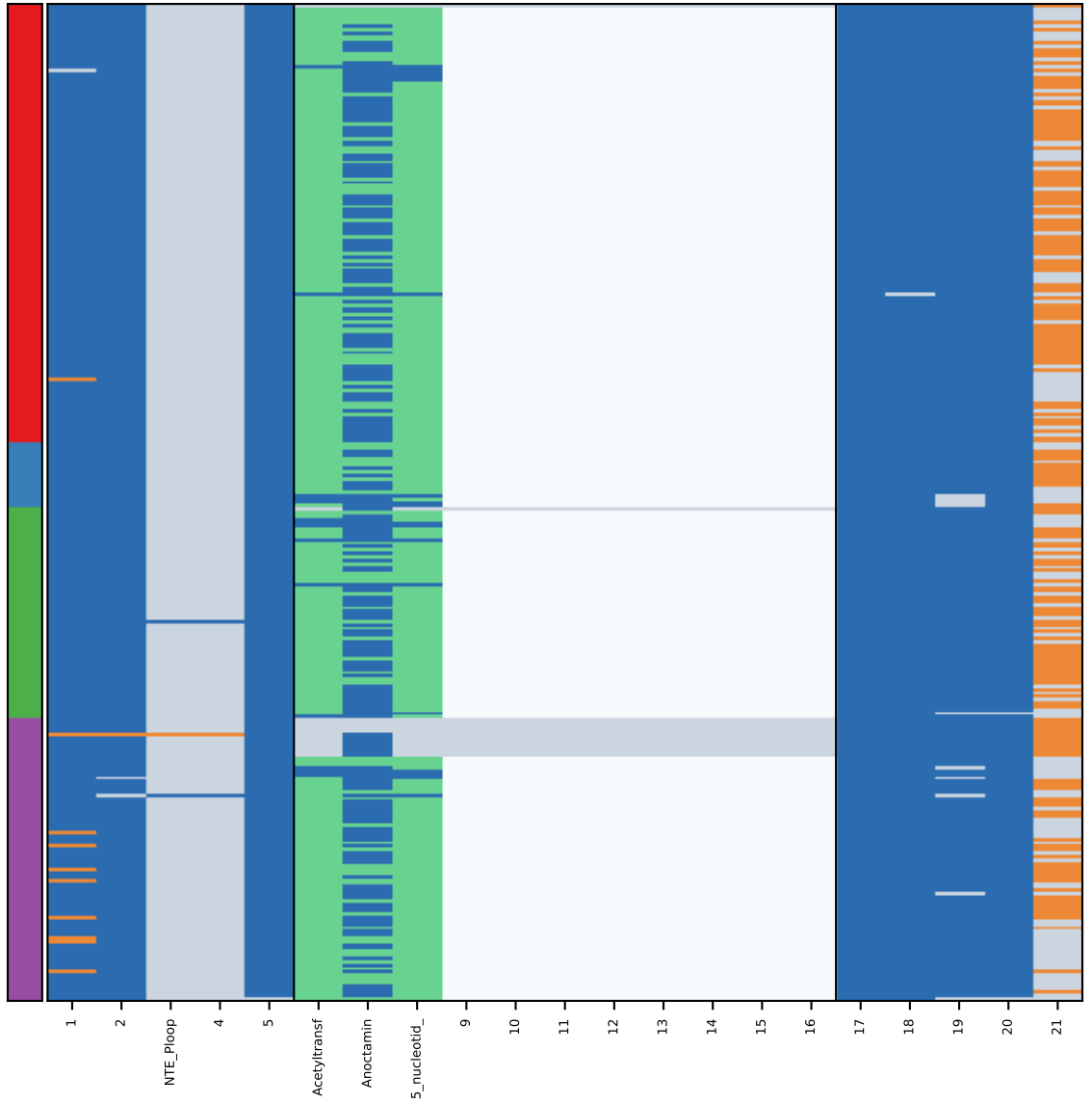


L061 14 genes content 0% of 293 strains type: swap_candidate



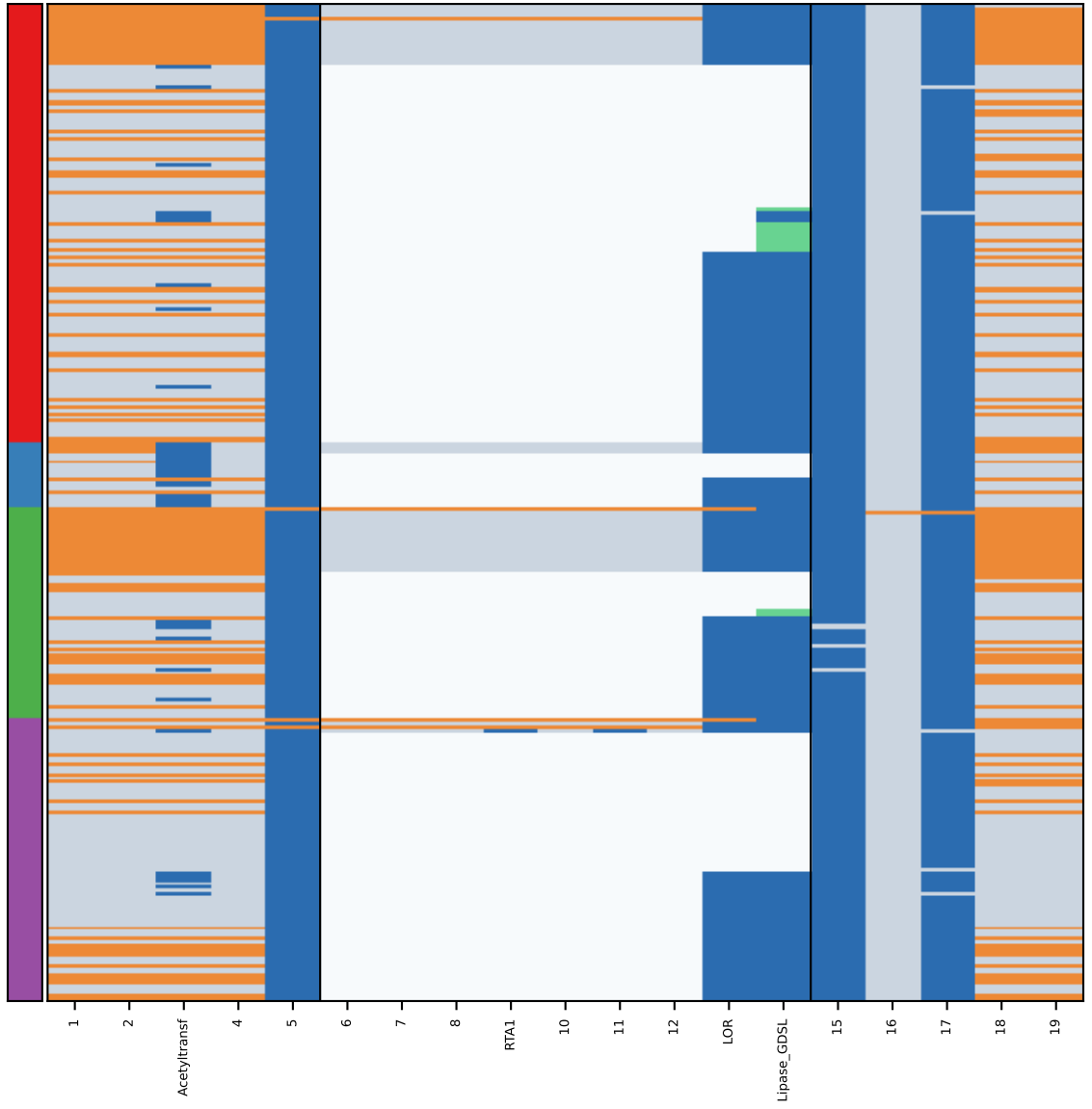
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L062 11 genes content 0% of 293 strains type: absent_in_focal



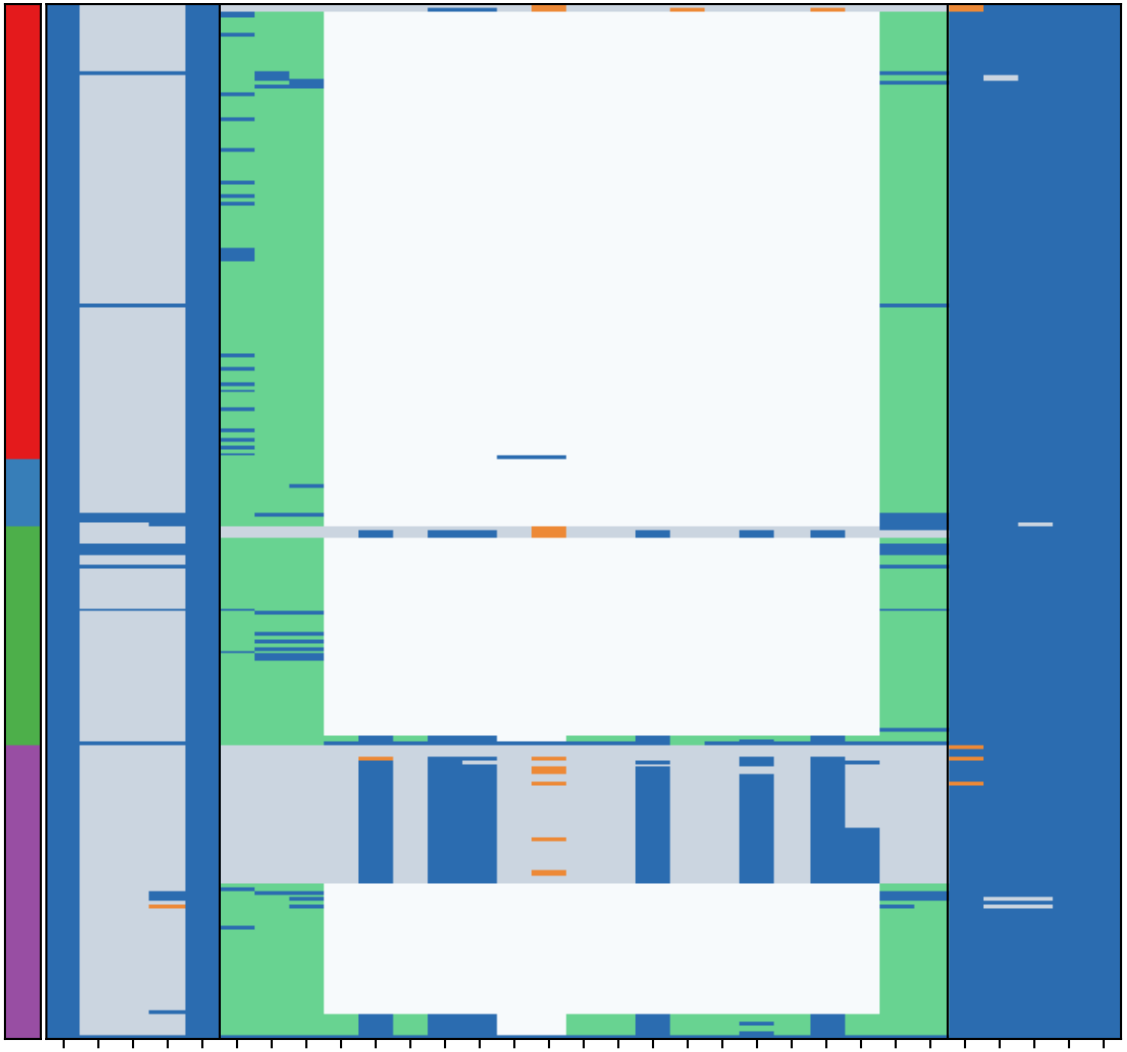
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L063 9 genes content 0% of 293 strains type: swap_candidate



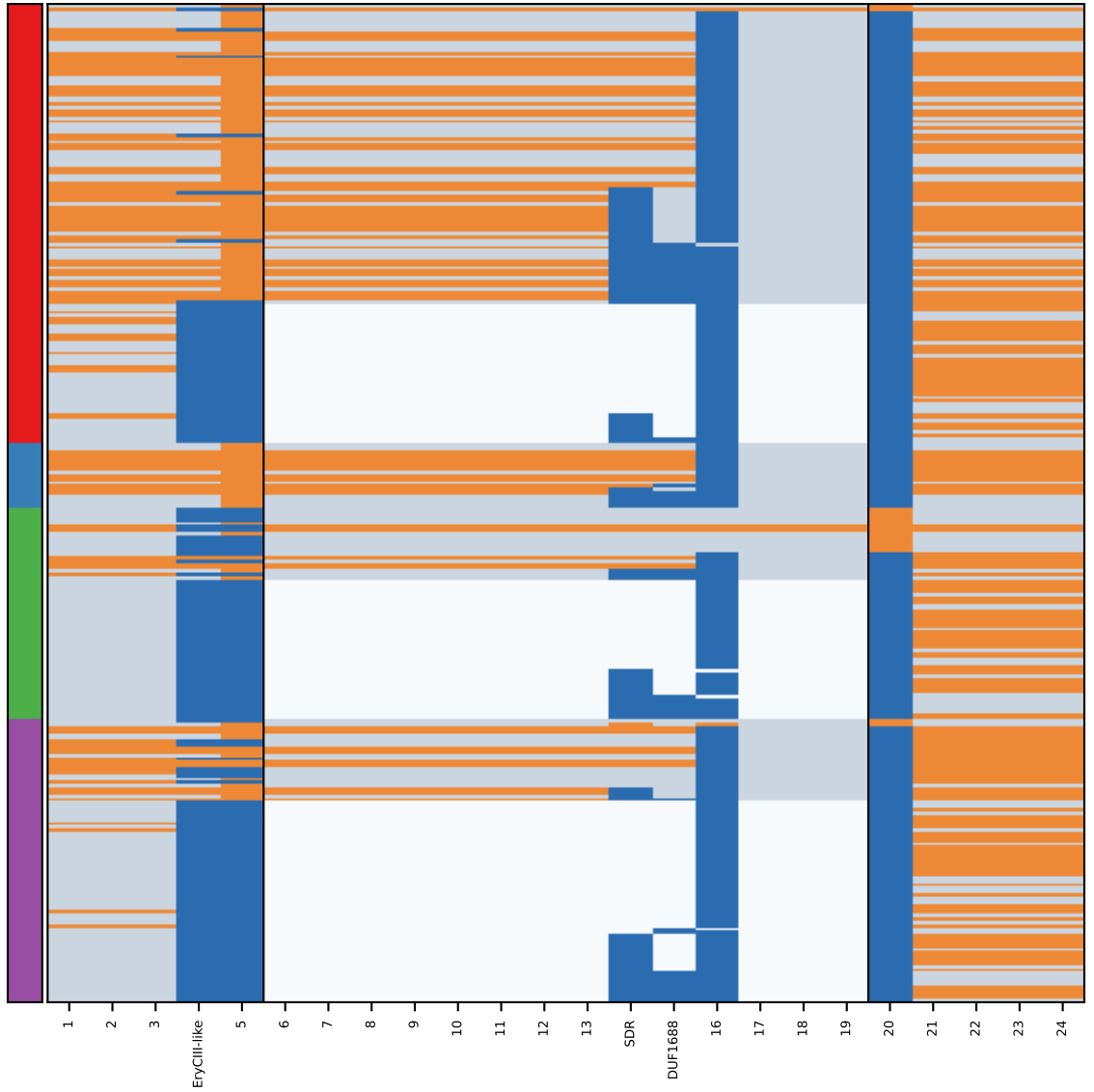
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L064 21 genes content 3% of 293 strains type: rare_content

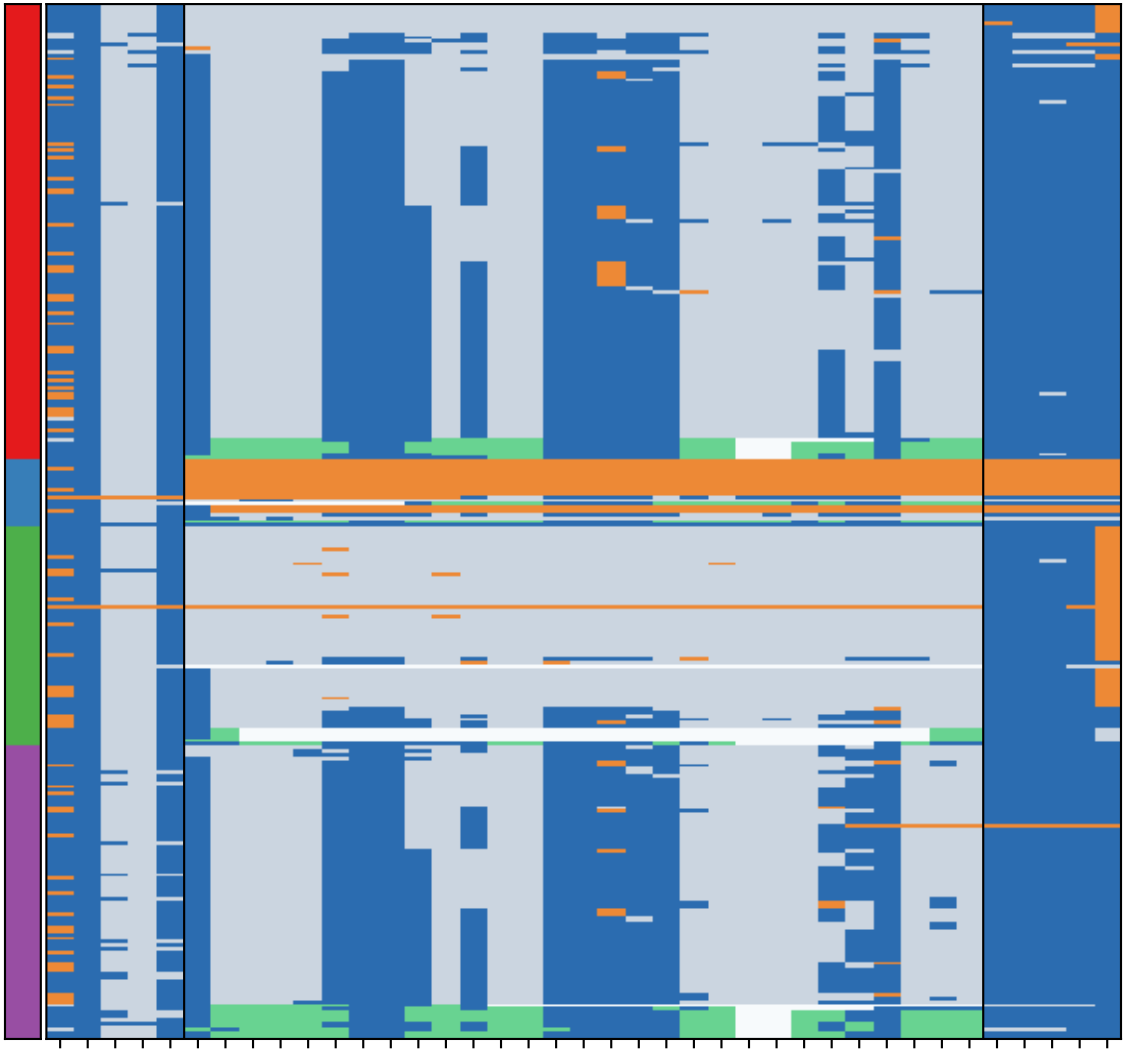


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L065 14 genes content 0% of 293 strains type: unresolved

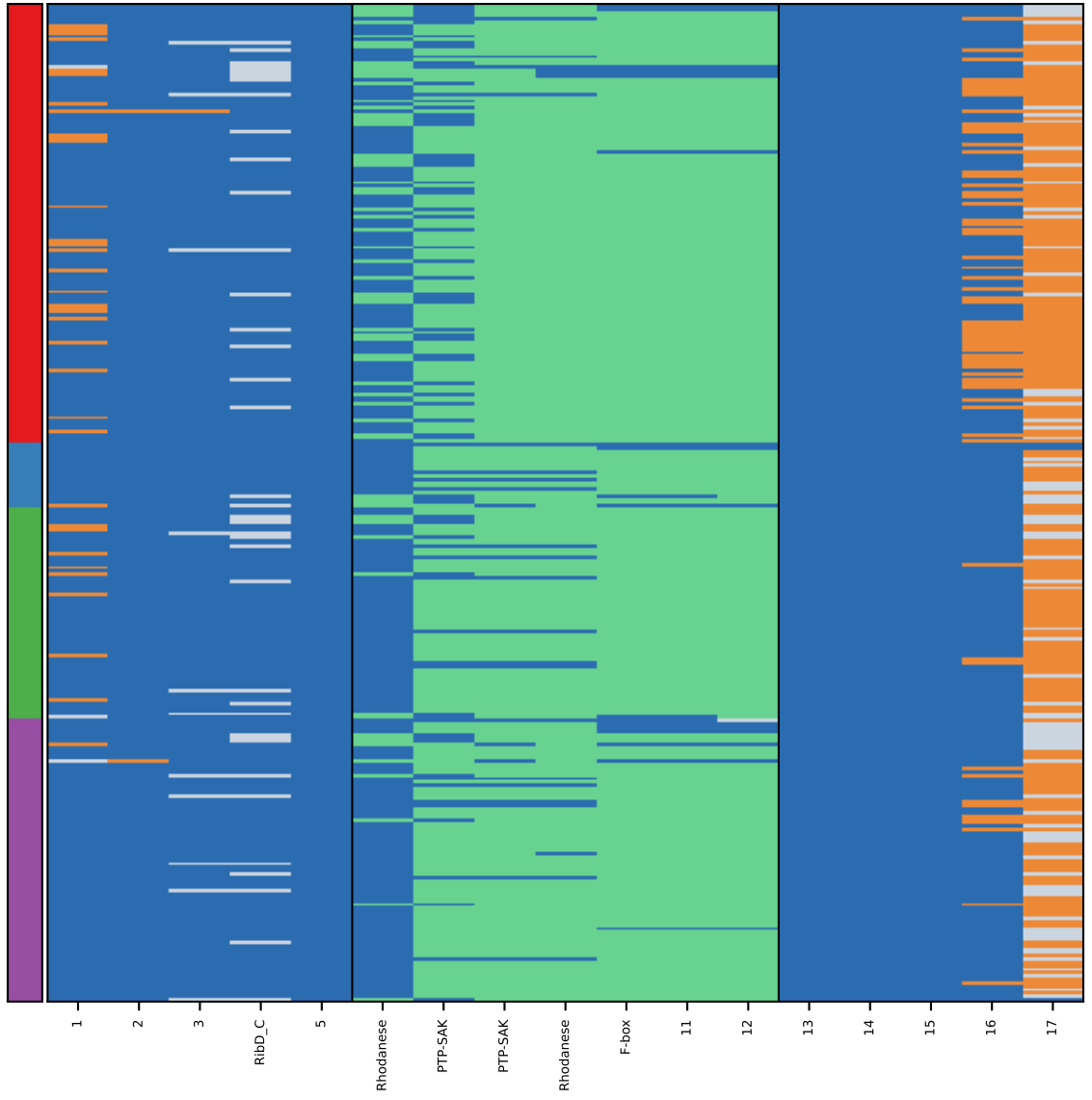


L066 29 genes content 8% of 293 strains type: unresolved



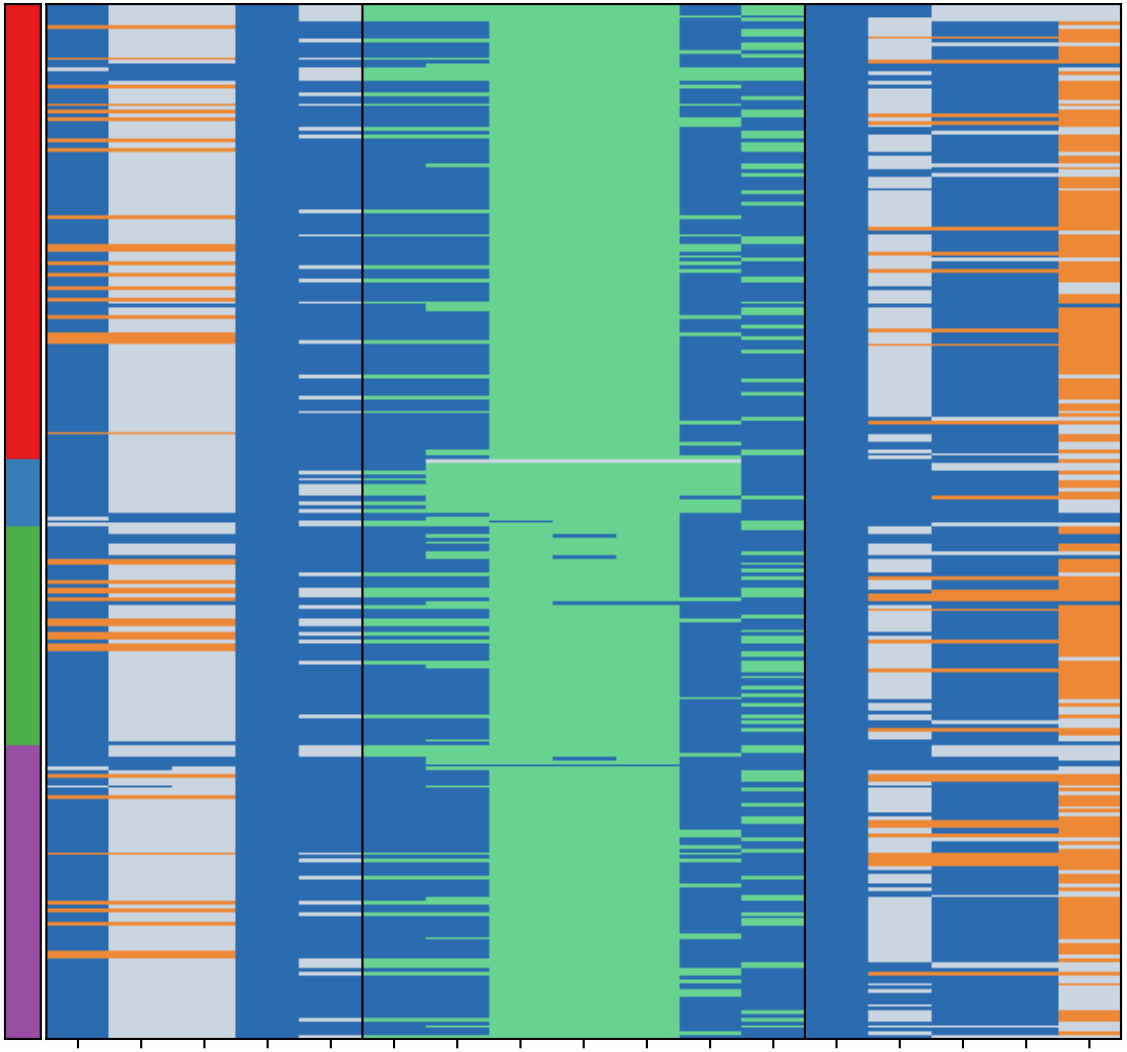
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L067 7 genes content 100% of 293 strains type: monomorphic



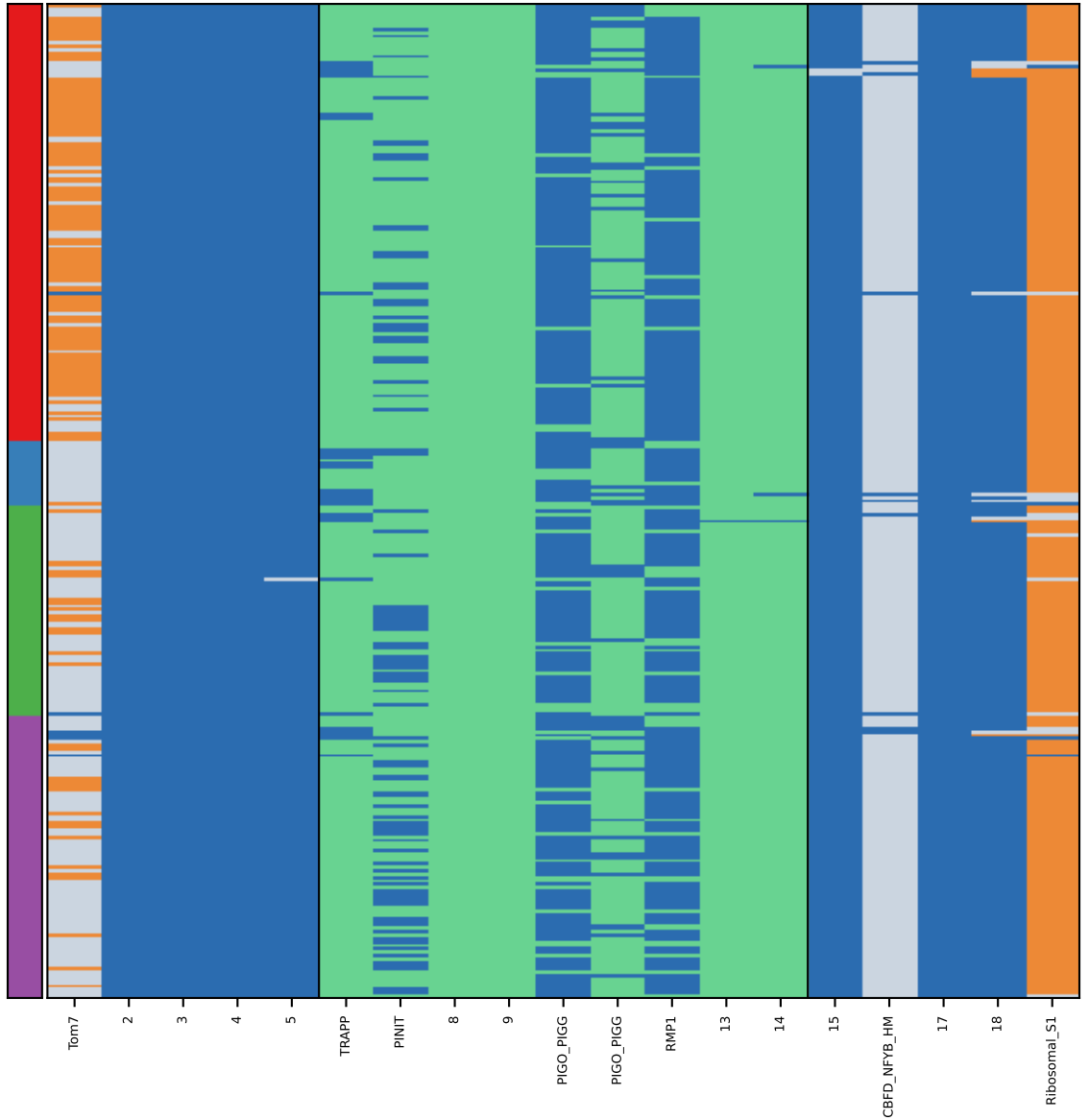
gene in place
DNA at site, no gene
DNA checked, absent
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elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L068 8 genes content 100% of 293 strains type: monomorphic

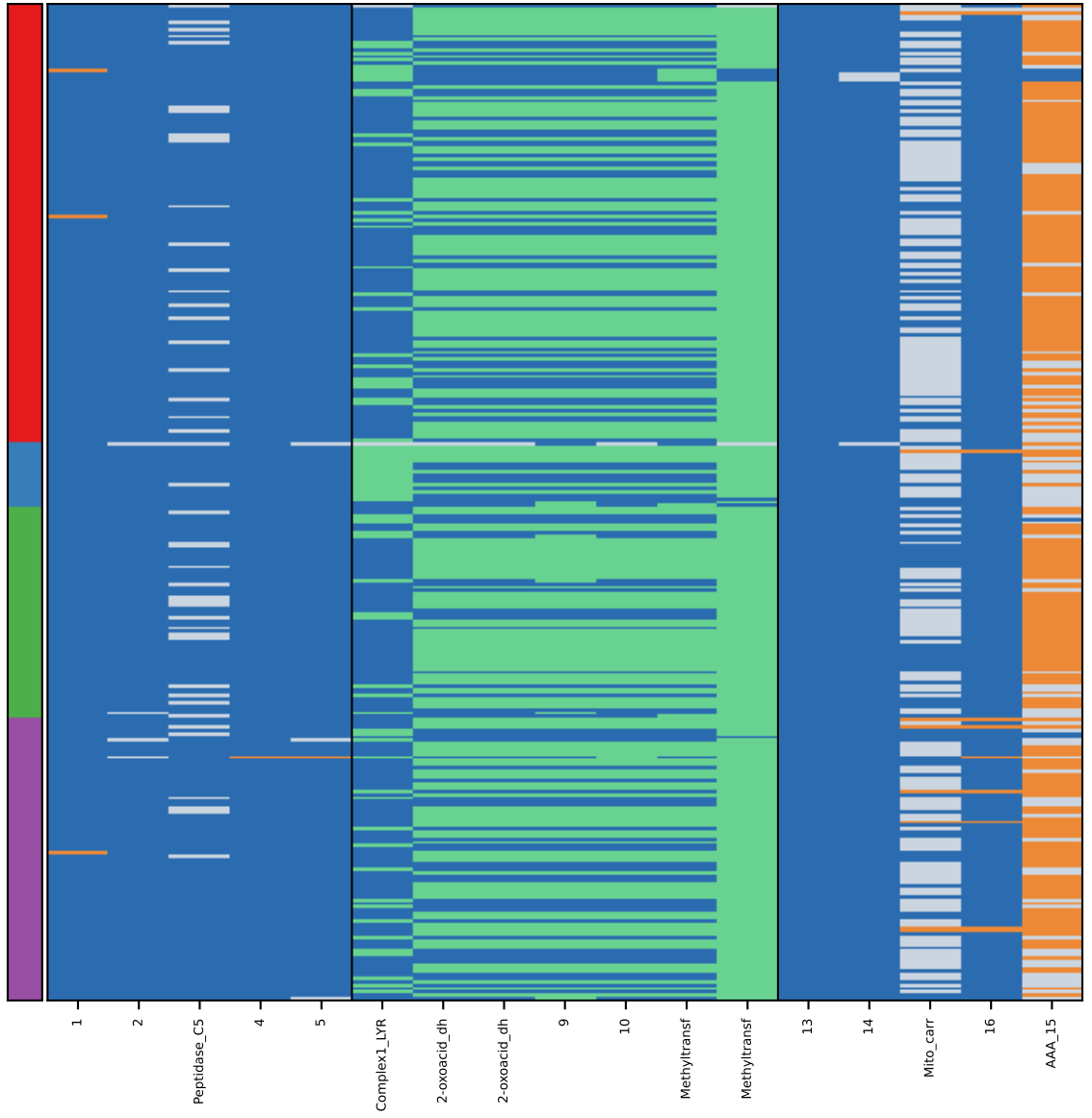


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

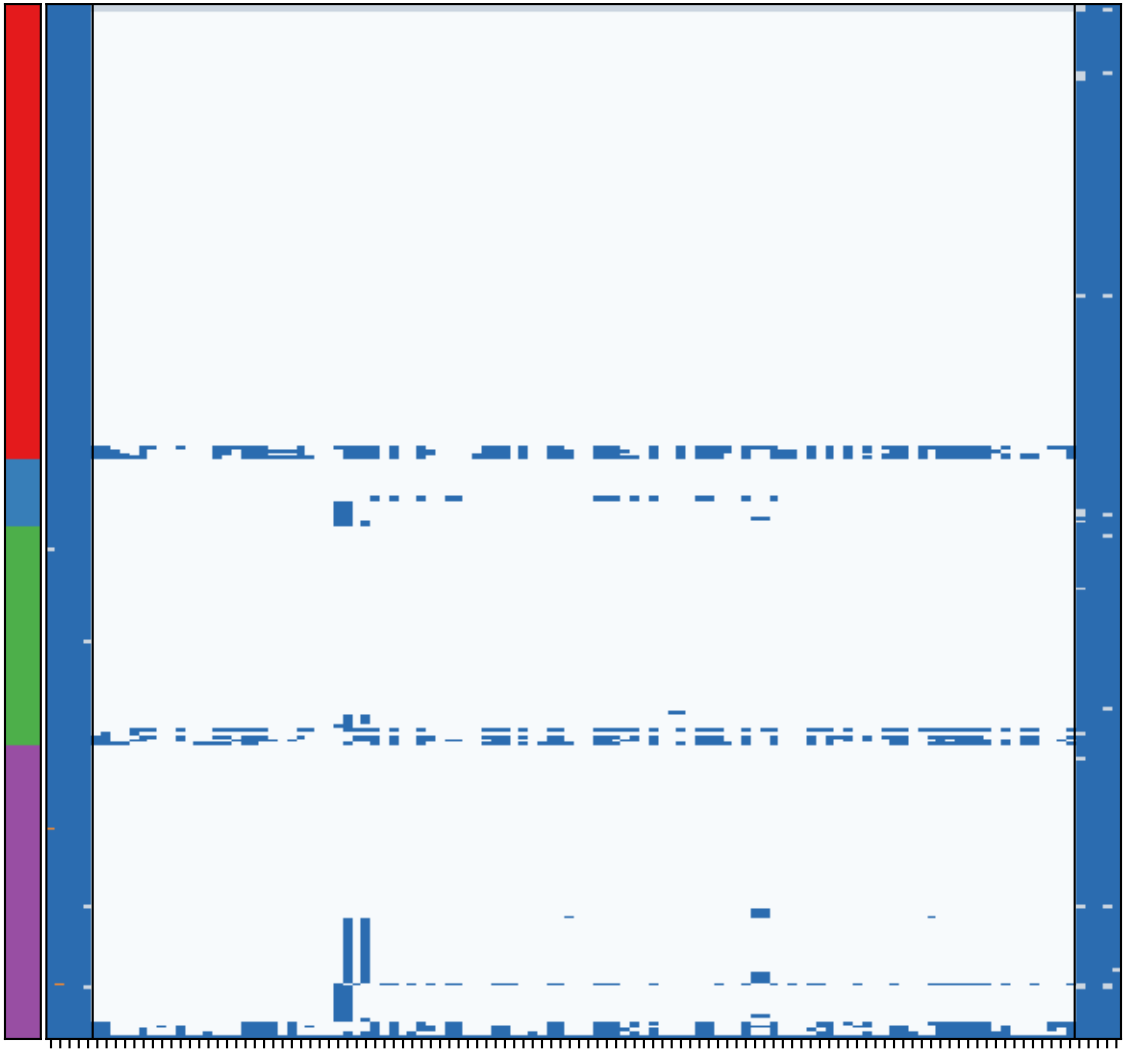
L069 9 genes content 100% of 293 strains type: monomorphic



L070 7 genes content 100% of 293 strains type: monomorphic

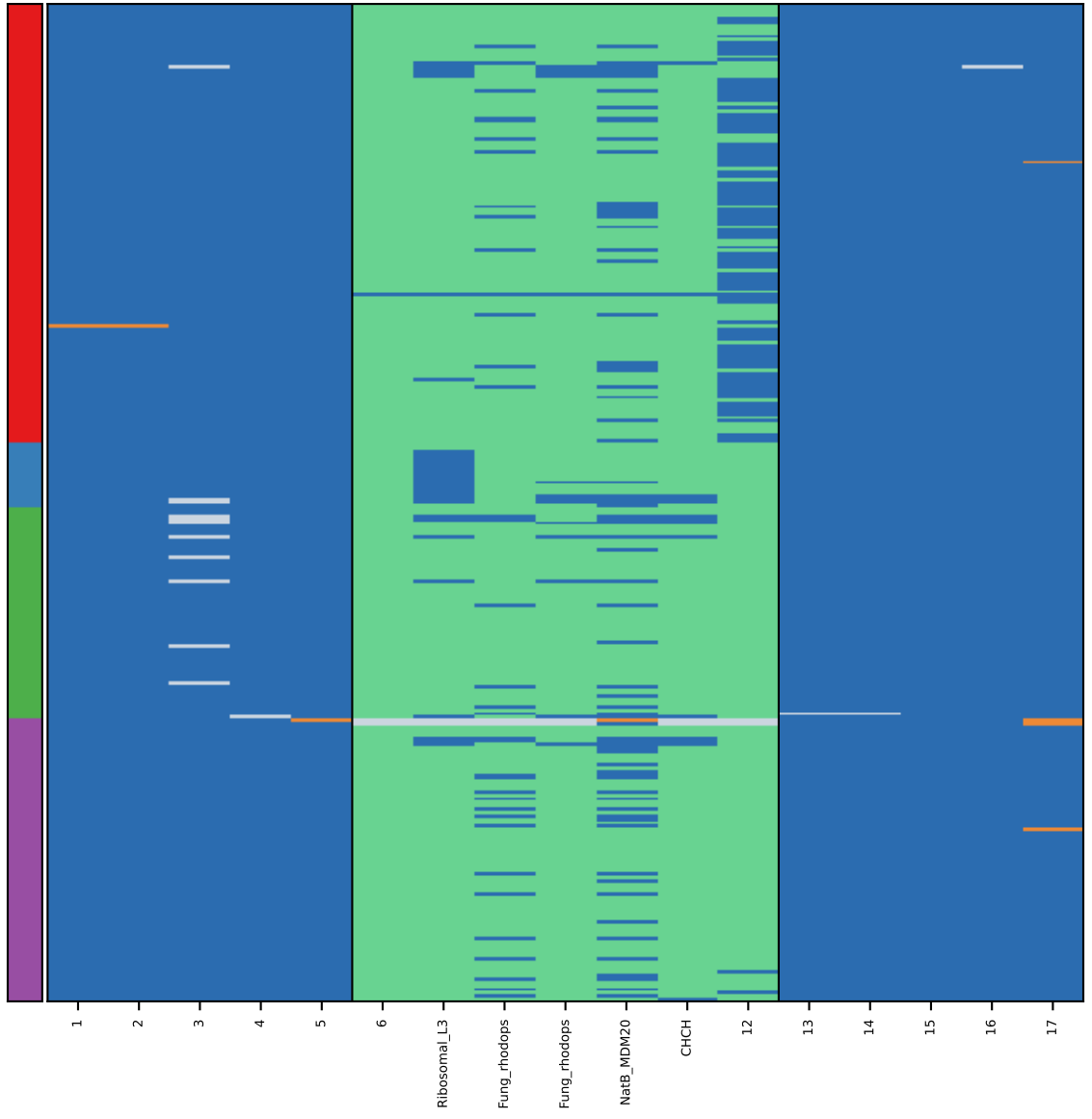


L071 106 genes content 2% of 293 strains type: rare_content Starship: Lamia-h4

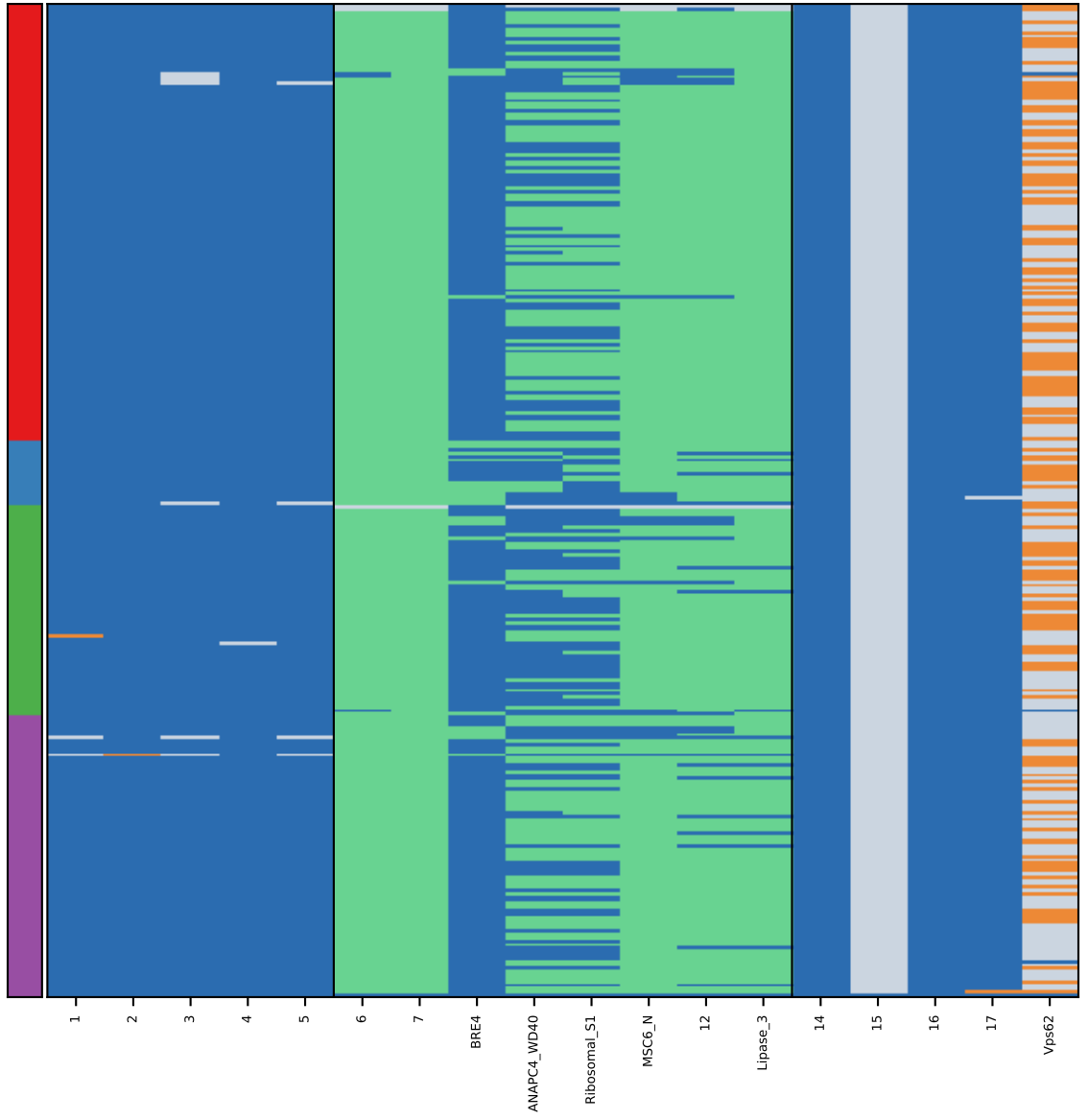


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

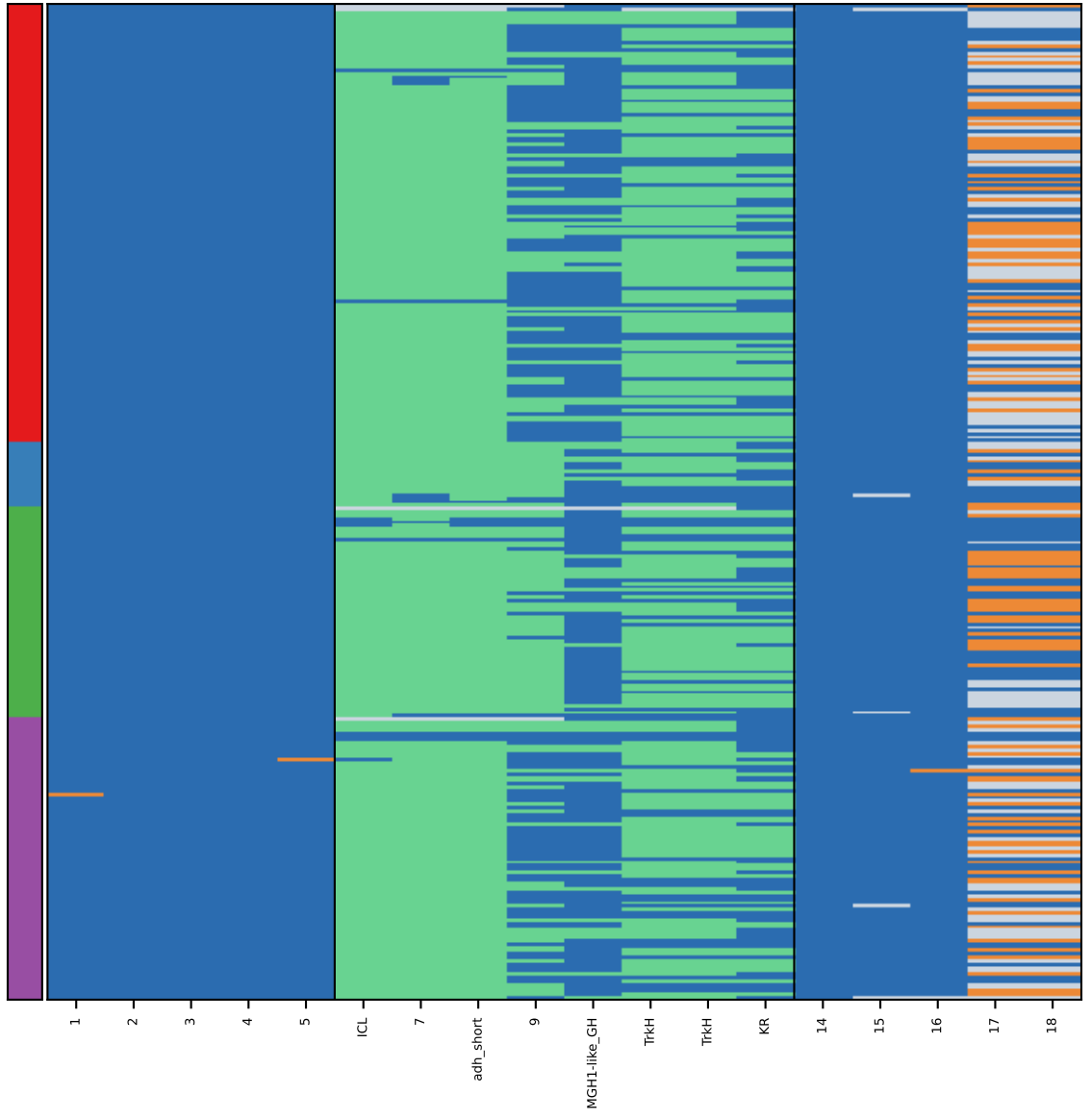
L072 7 genes content 99% of 293 strains type: monomorphic



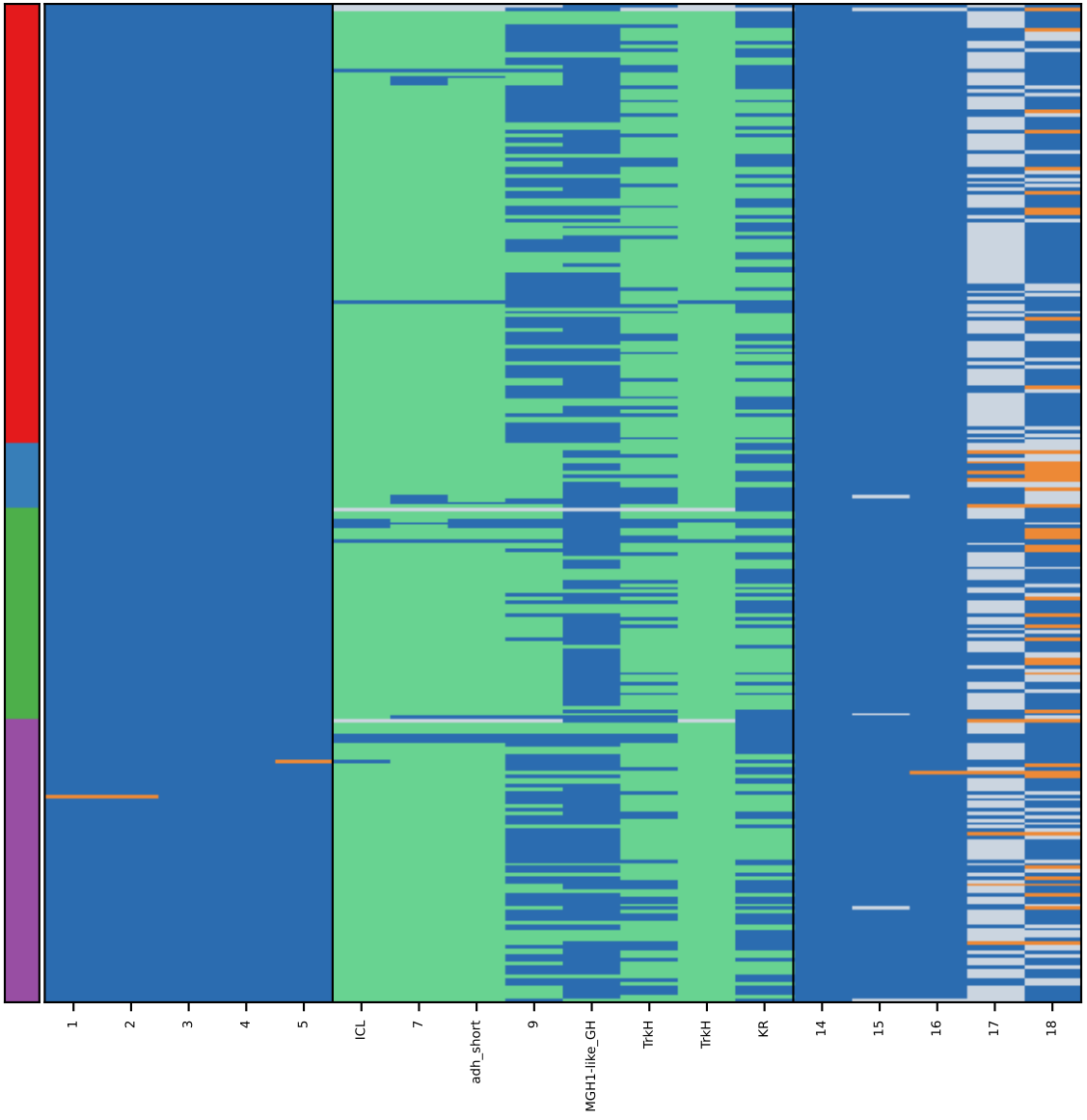
L073 8 genes content 99% of 293 strains type: monomorphic



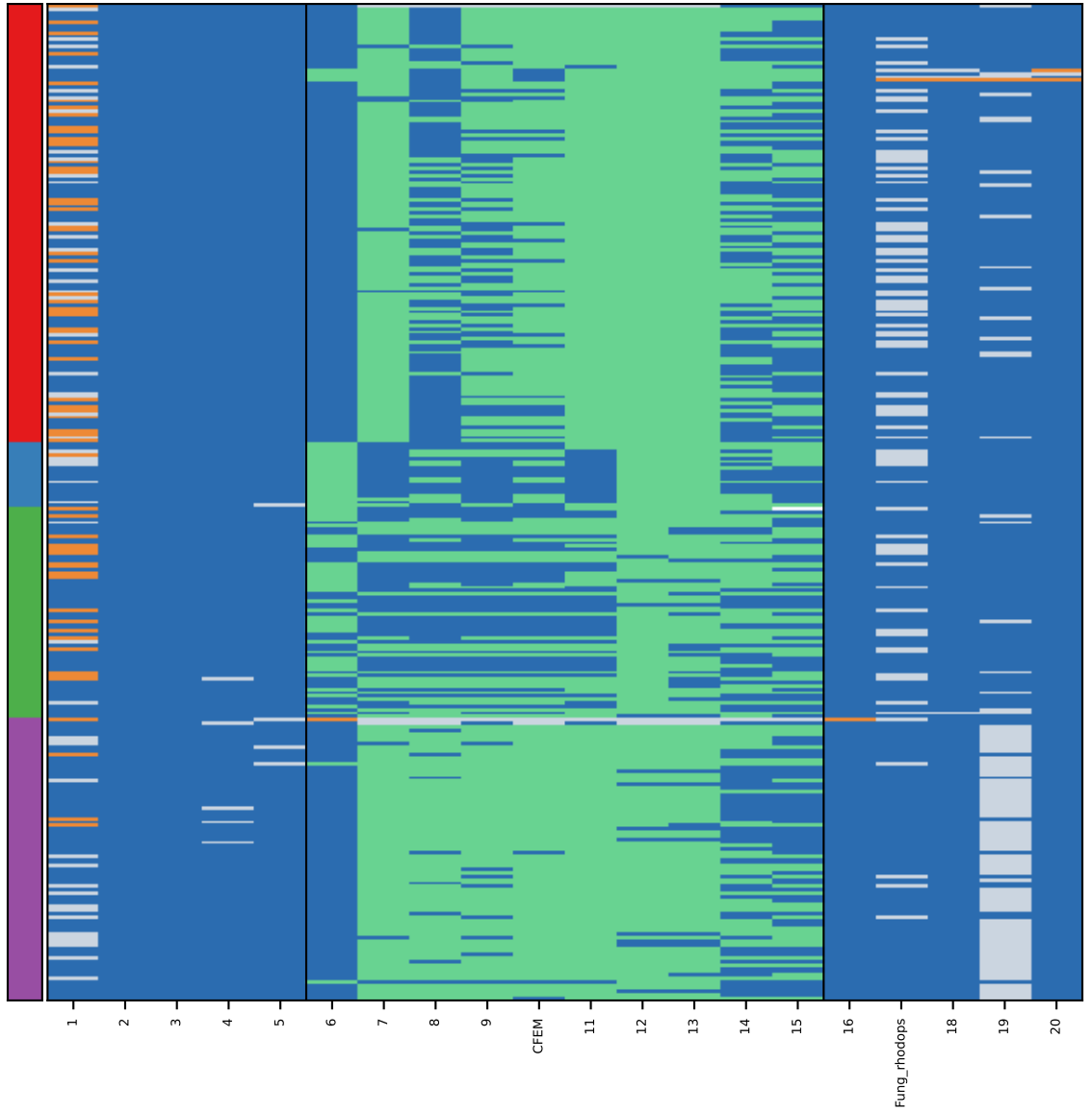
L074 8 genes content 99% of 293 strains type: monomorphic



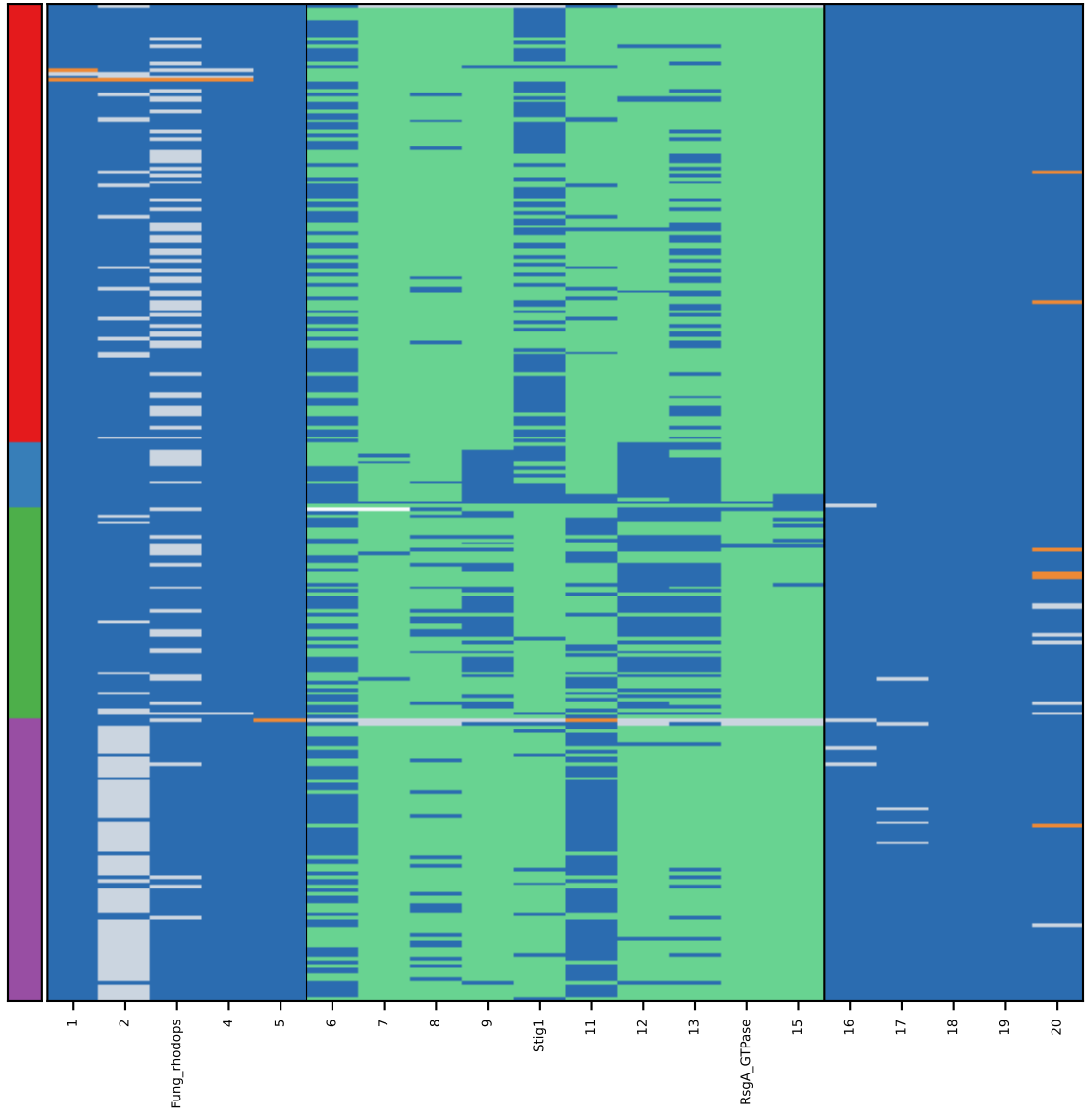
L075 8 genes content 99% of 293 strains type: monomorphic



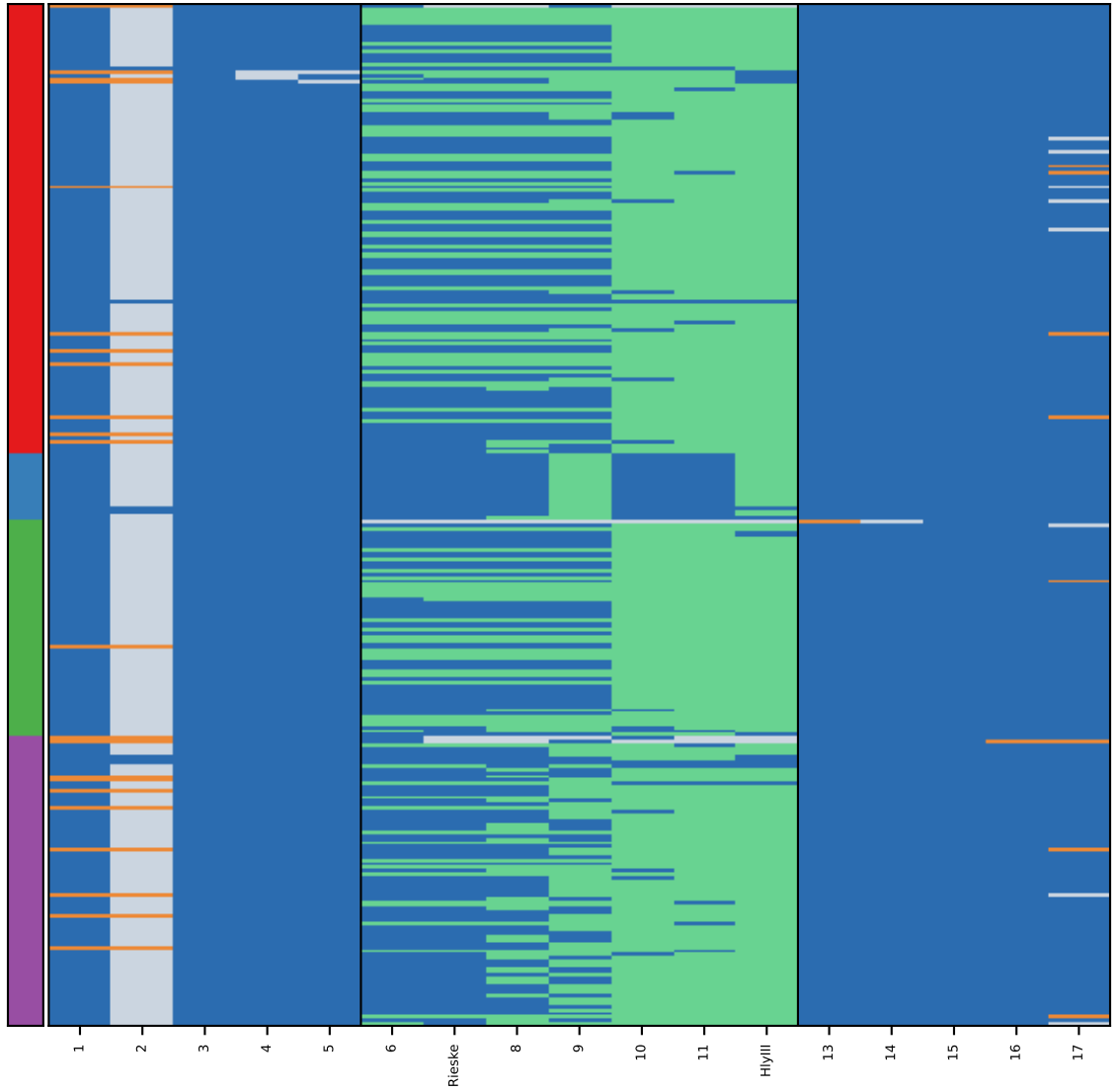
L076 10 genes content 99% of 293 strains type: monomorphic



L077 10 genes content 99% of 293 strains type: monomorphic

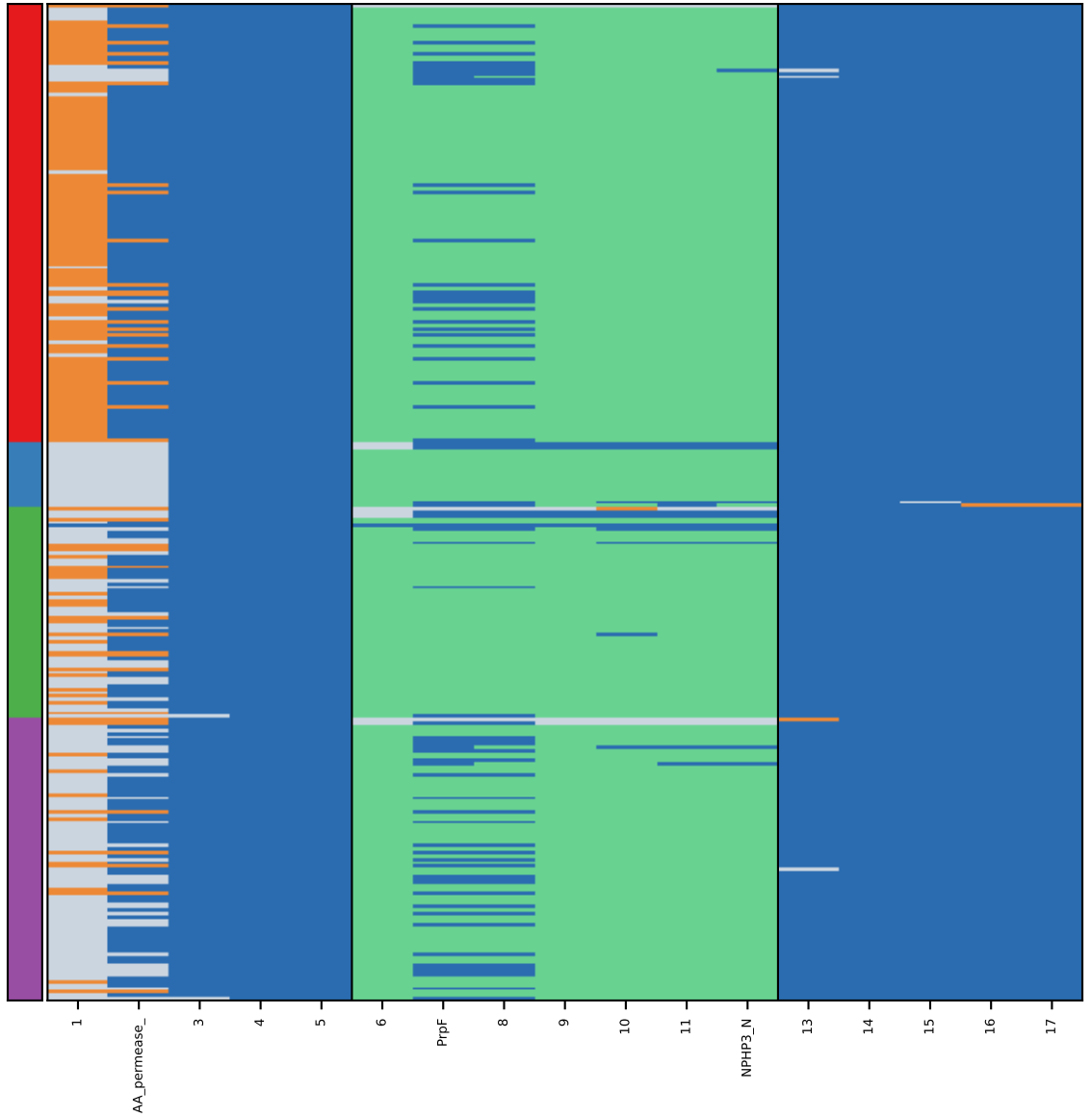


L078 7 genes content 99% of 293 strains type: monomorphic

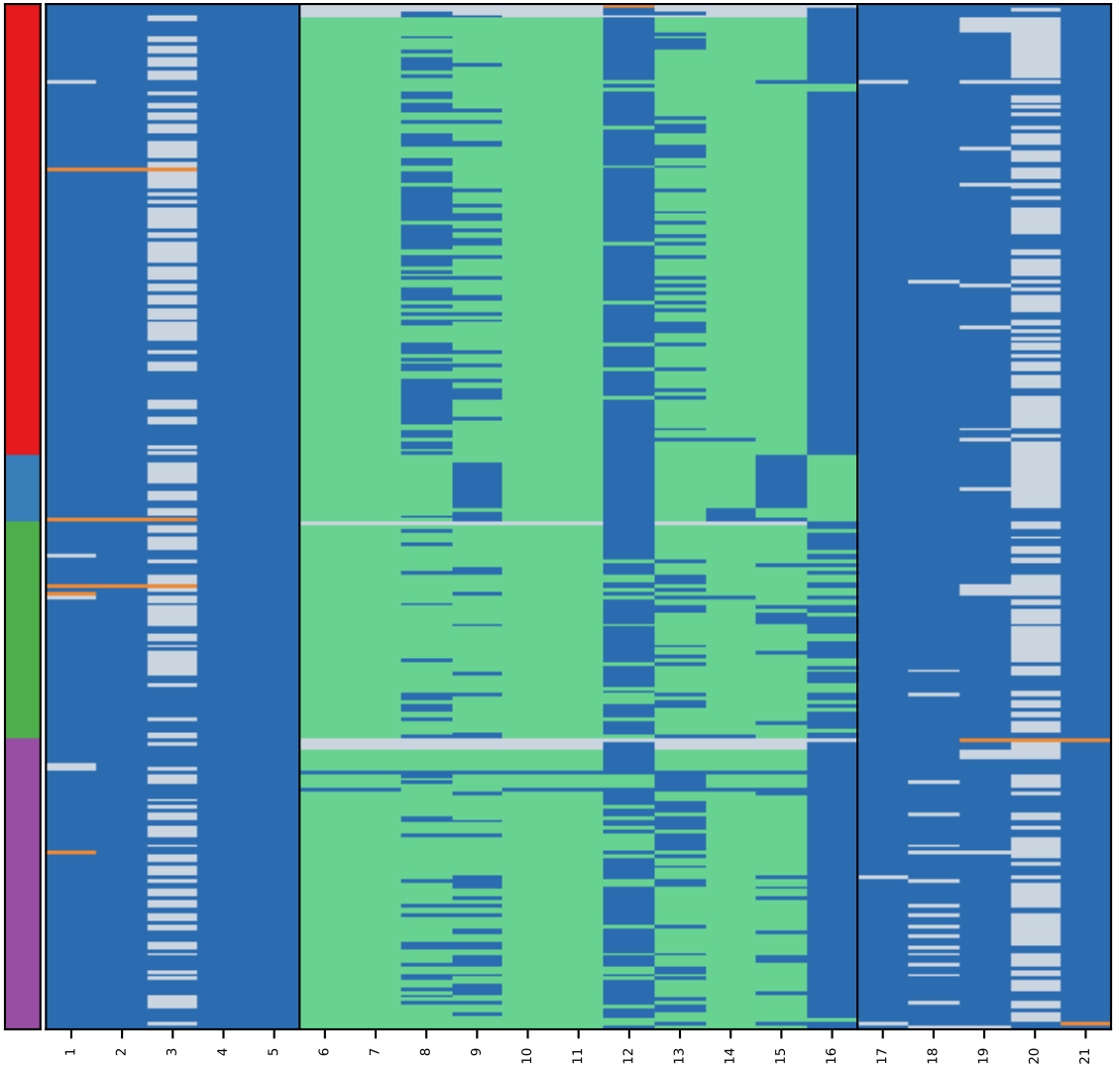


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L079 7 genes content 99% of 293 strains type: monomorphic

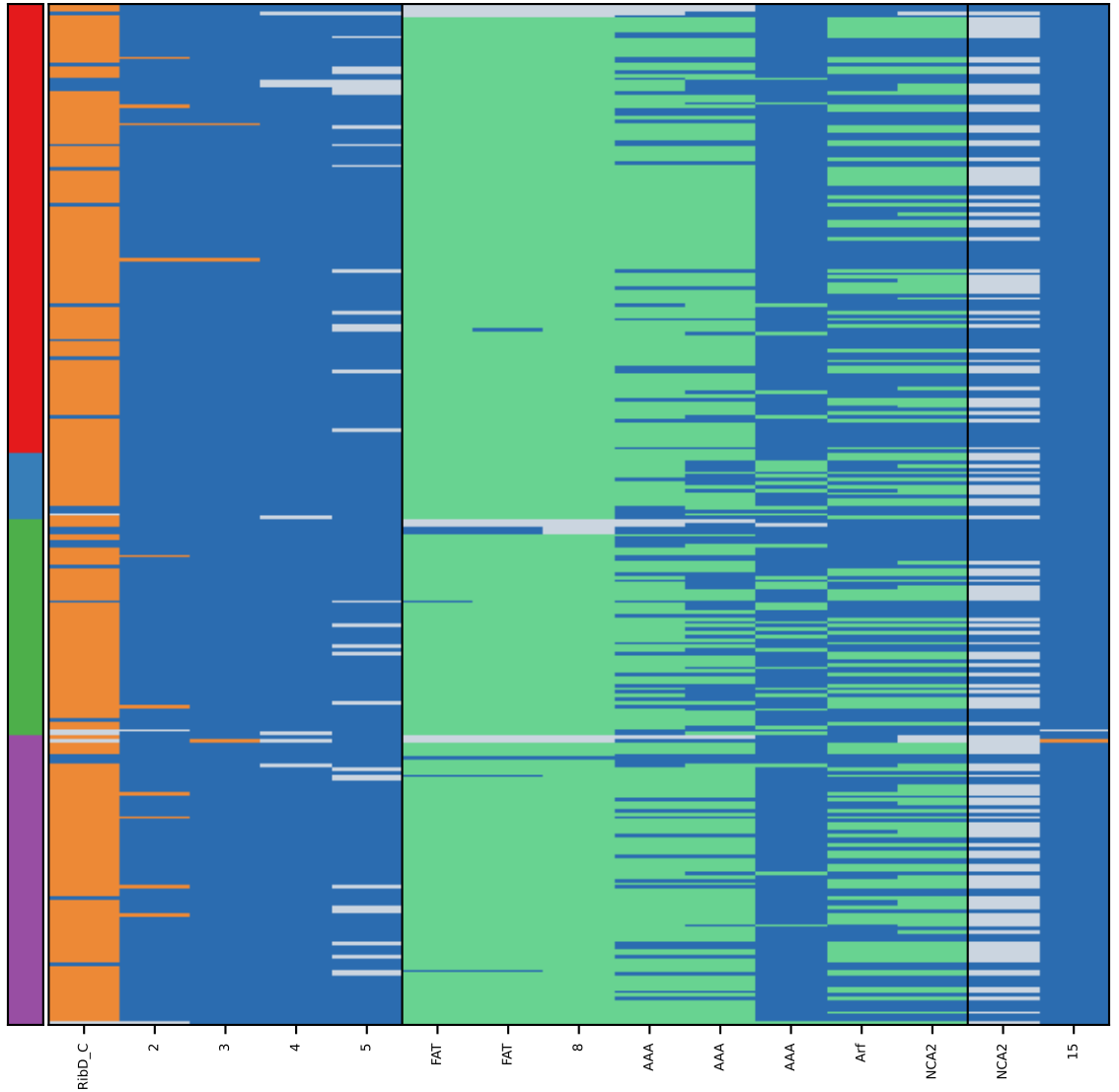


L080 11 genes content 97% of 293 strains type: monomorphic



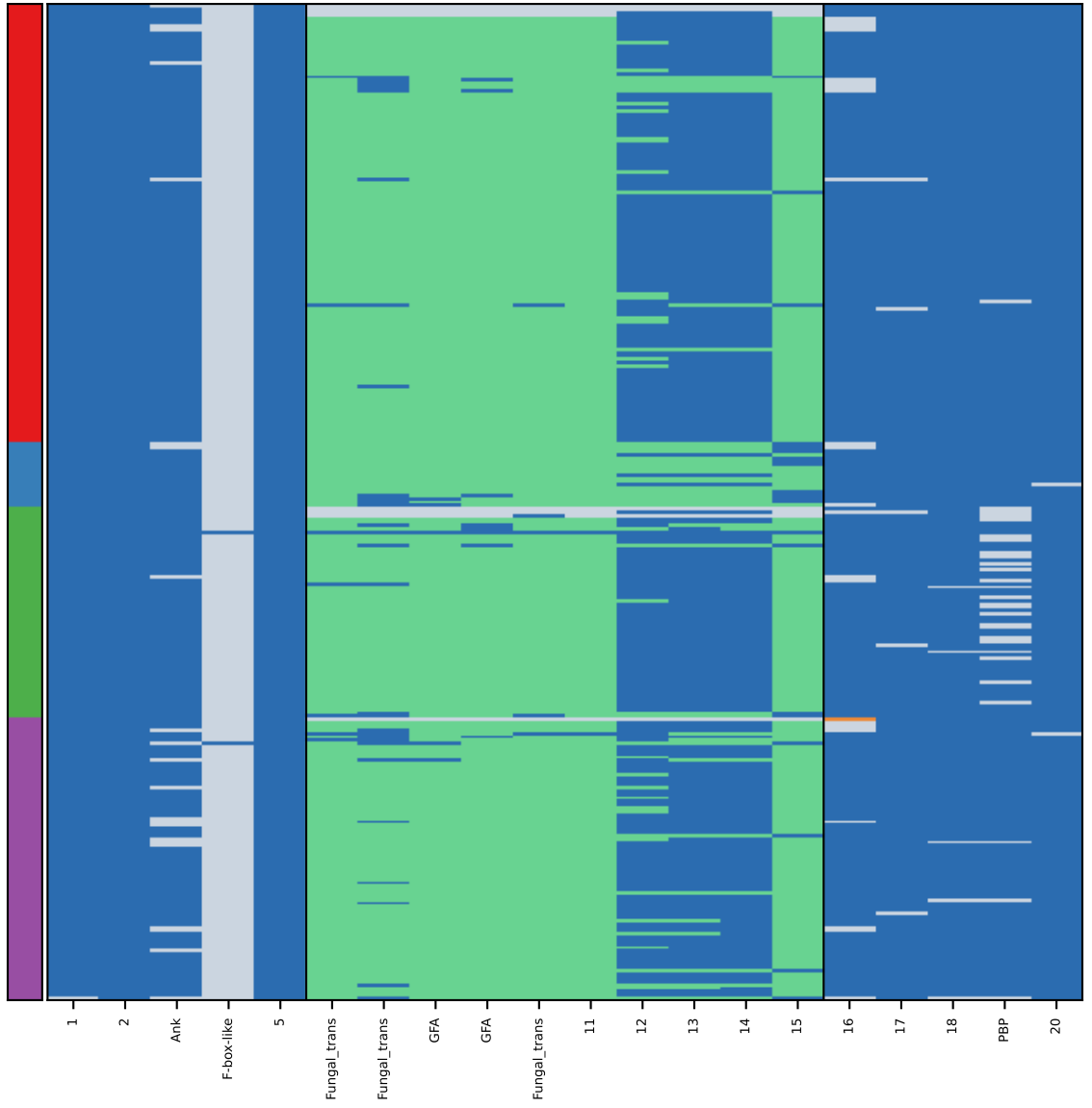
gene in place
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elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L081 9 genes content 98% of 293 strains type: monomorphic

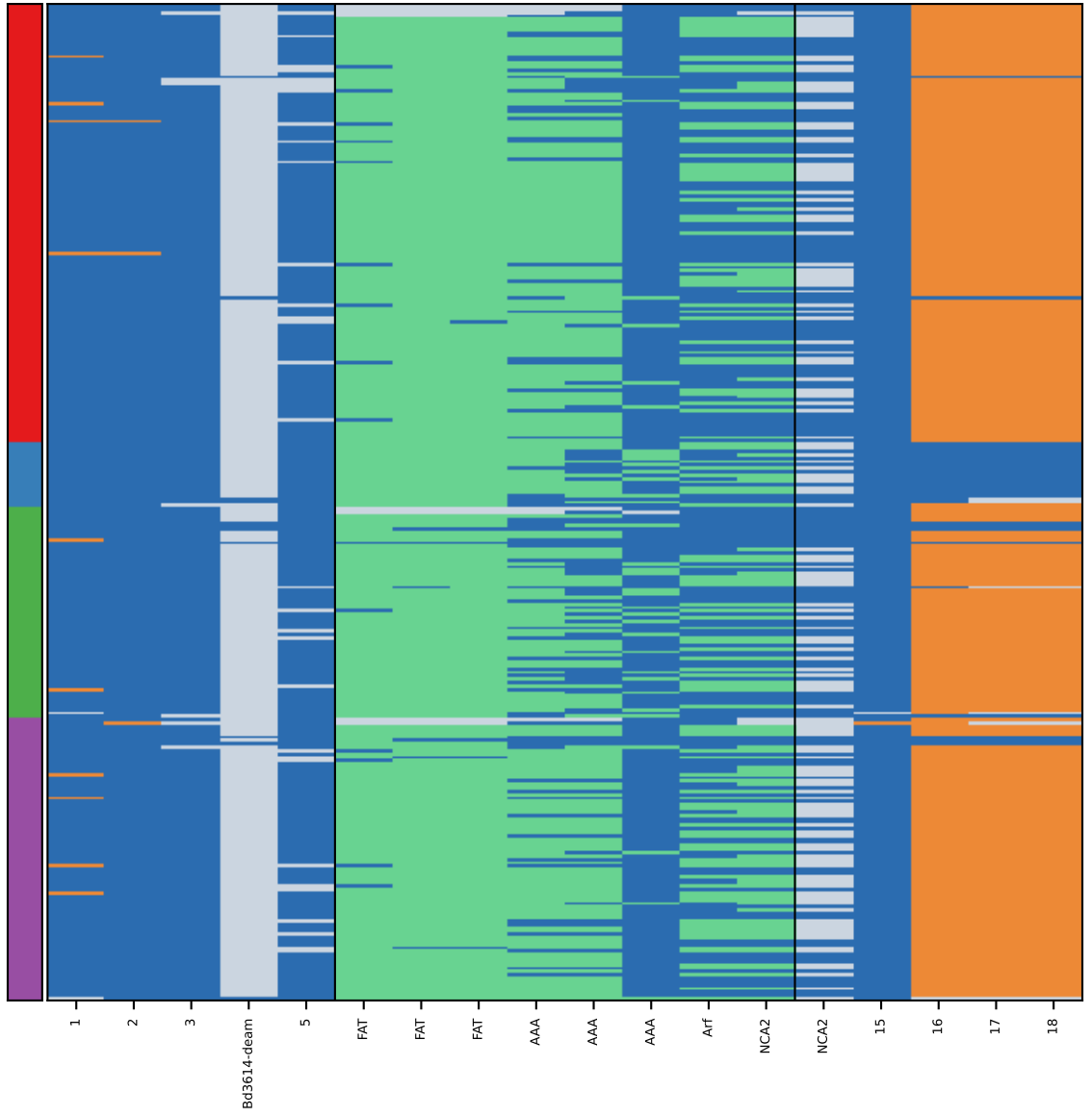


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

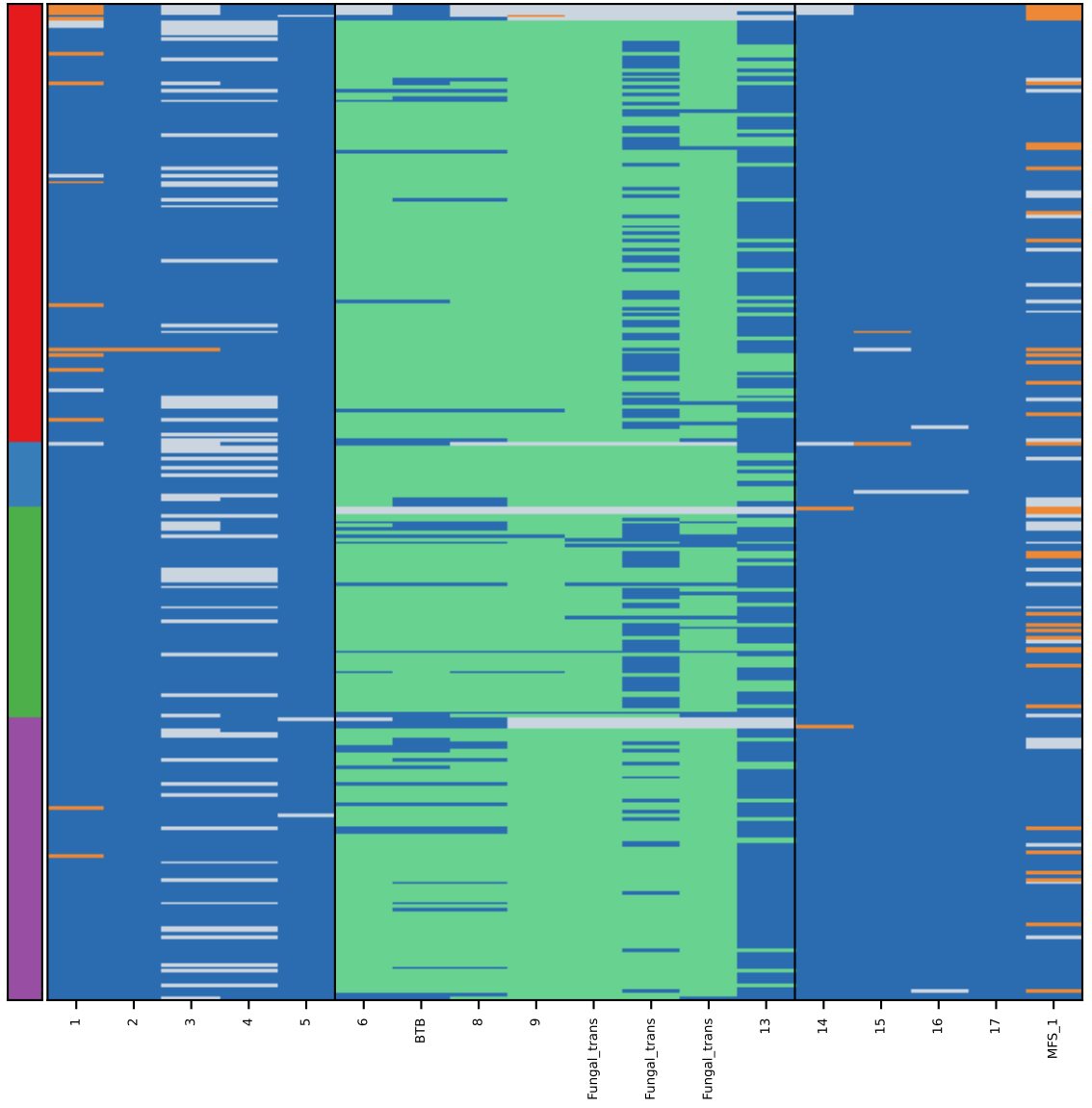
L082 10 genes content 97% of 293 strains type: monomorphic



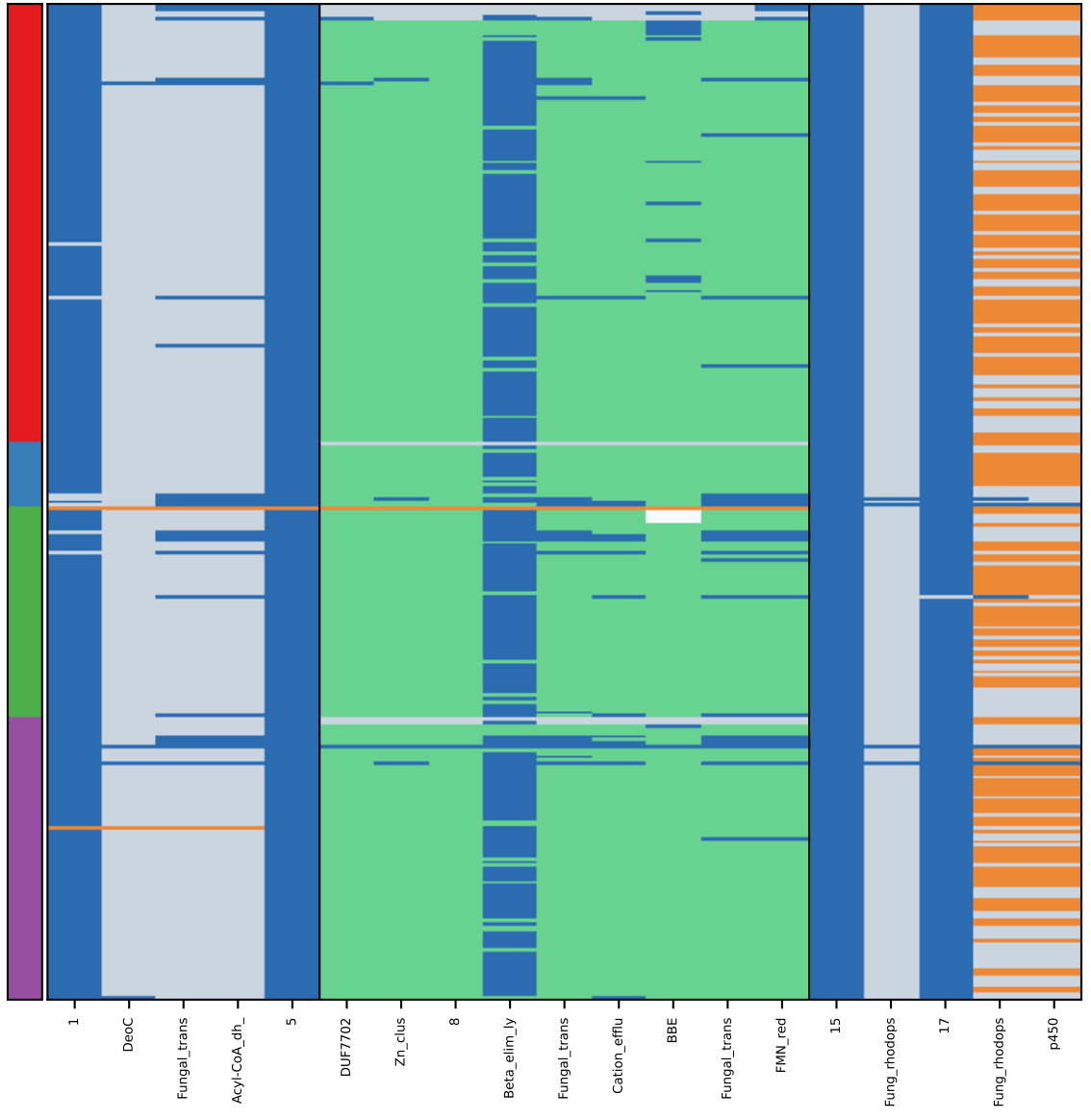
L083 9 genes content 98% of 293 strains type: monomorphic



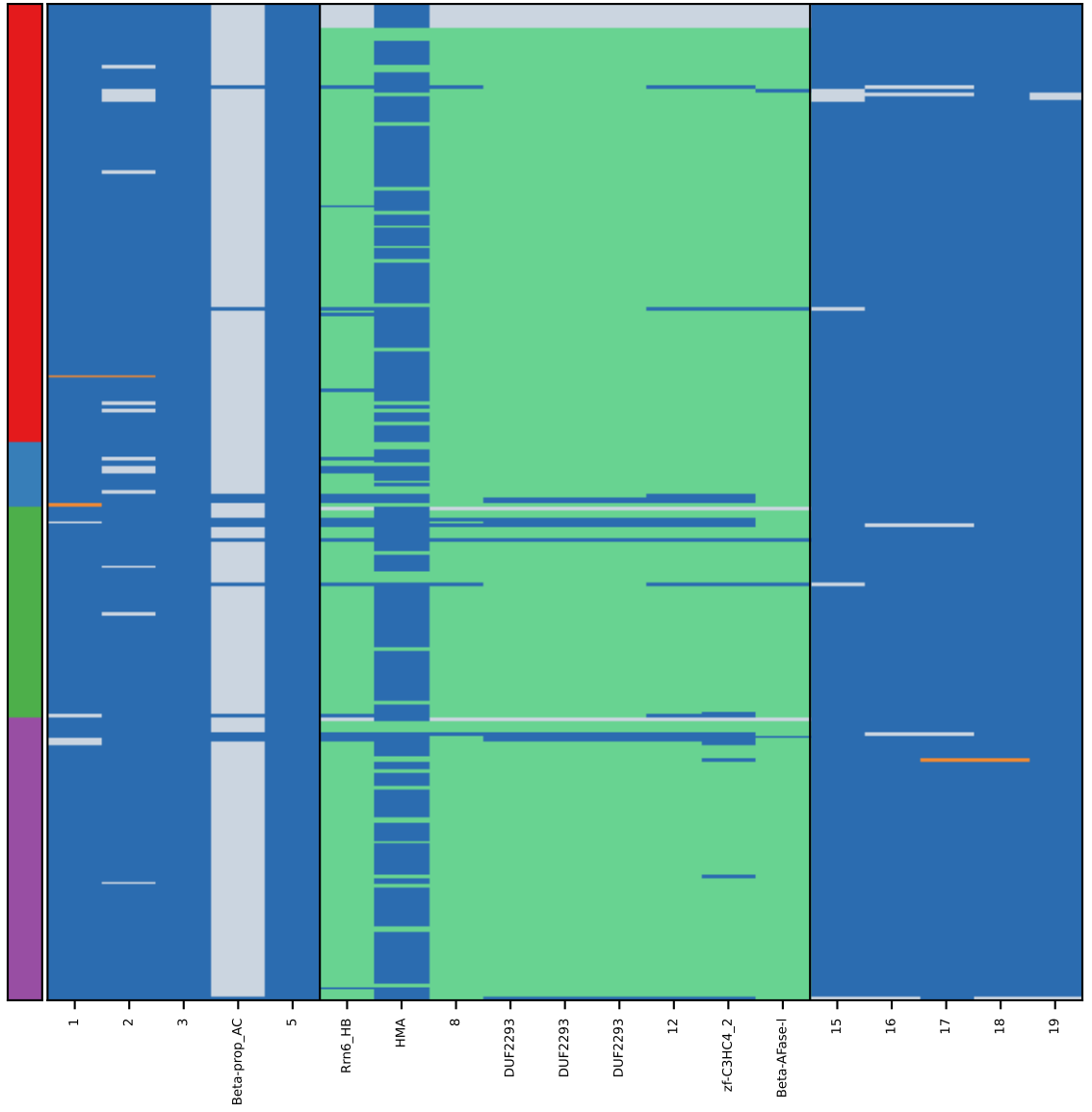
L084 8 genes content 96% of 293 strains type: monomorphic



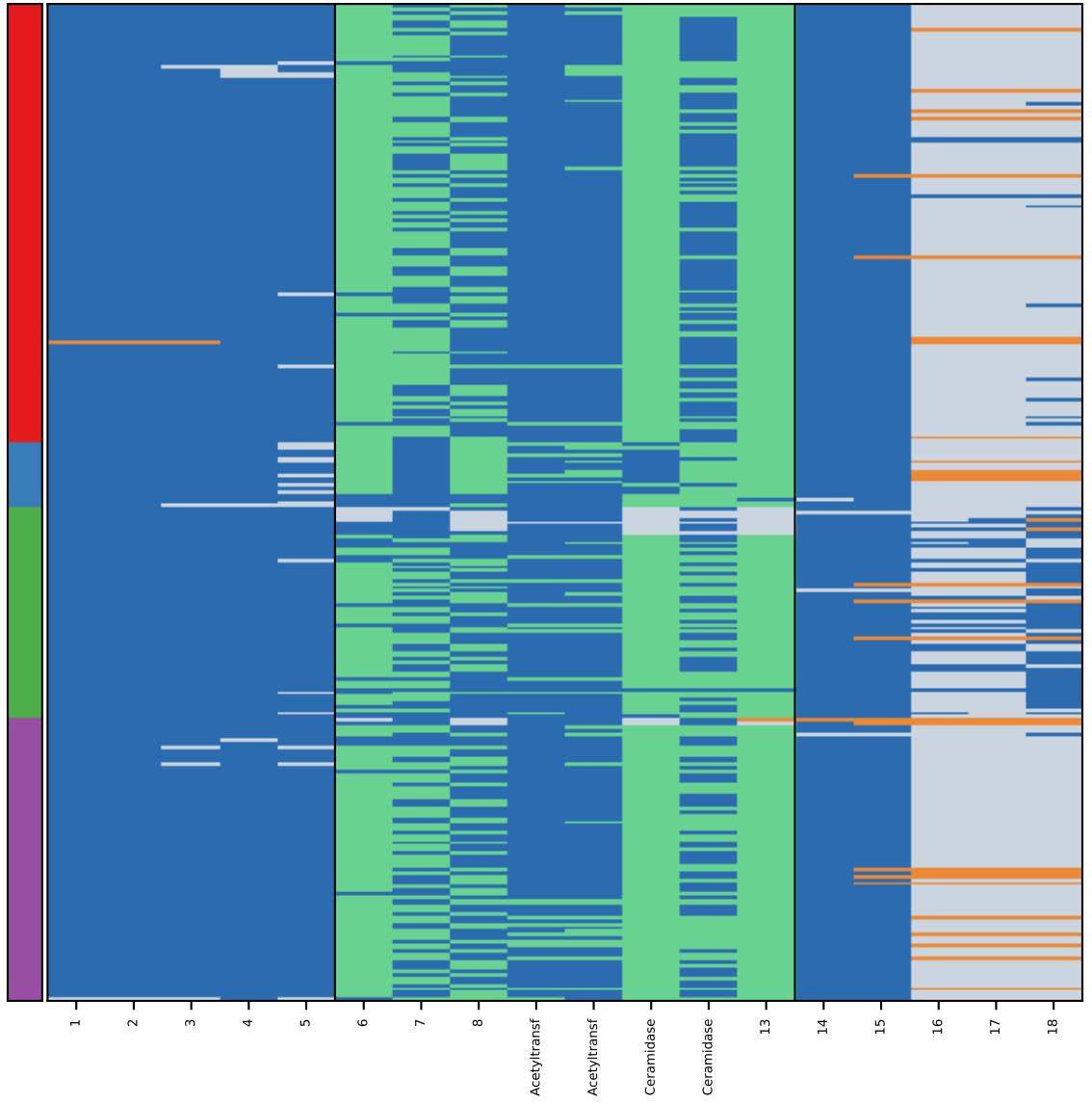
L085 9 genes content 97% of 293 strains type: monomorphic



L086 9 genes content 97% of 293 strains type: monomorphic

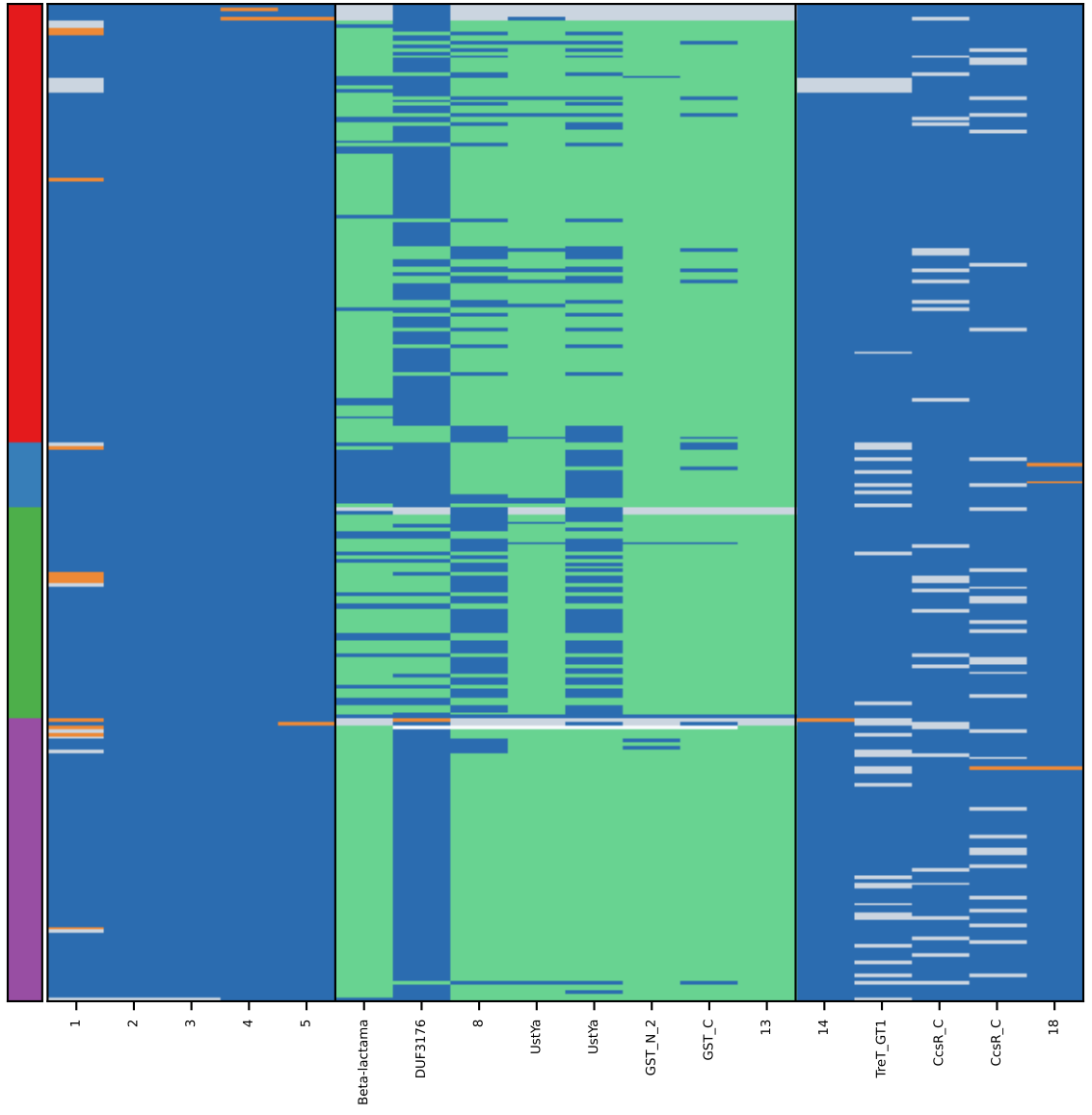


L087 8 genes content 99% of 293 strains type: monomorphic



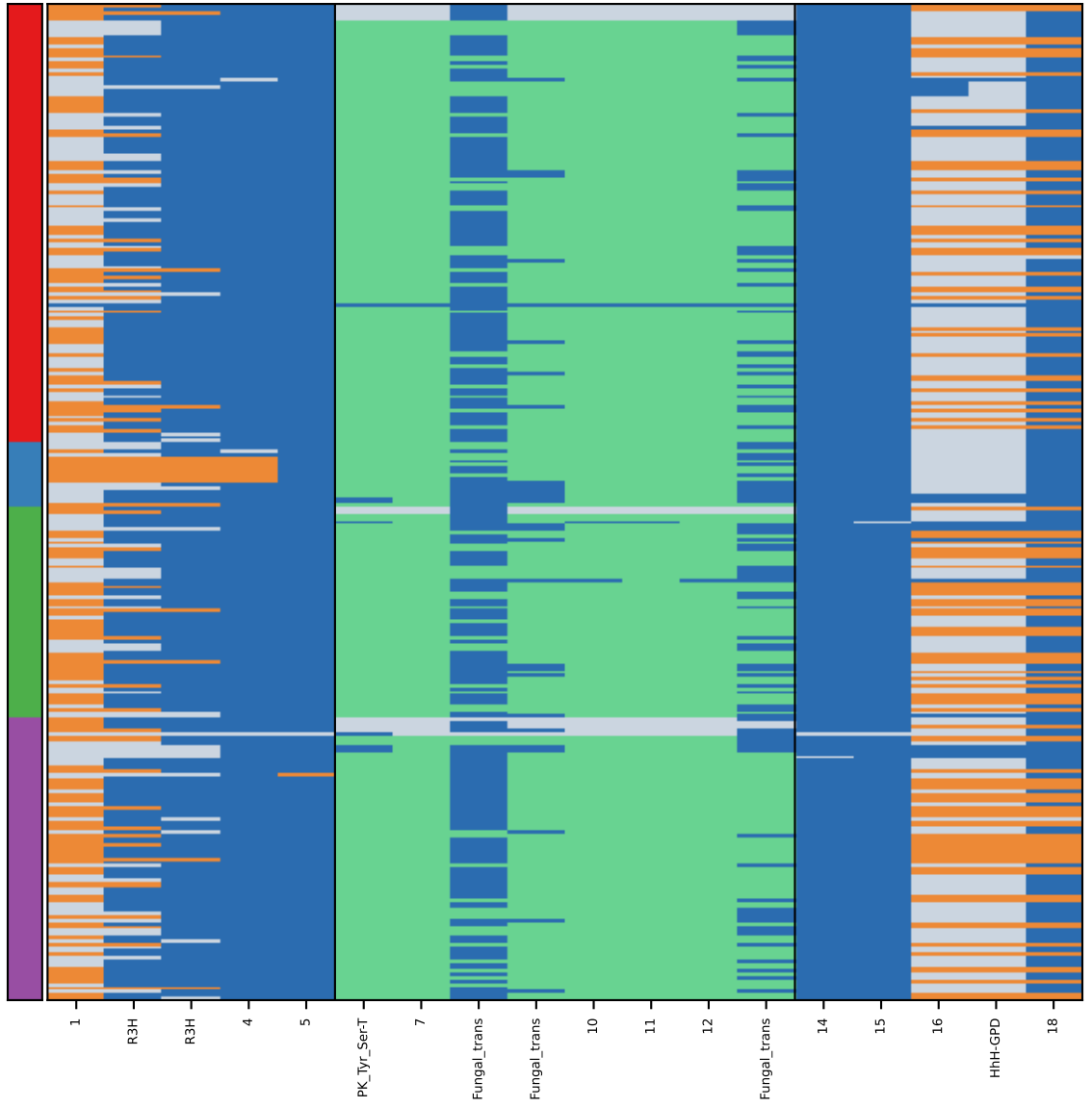
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not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L088 8 genes content 97% of 293 strains type: monomorphic



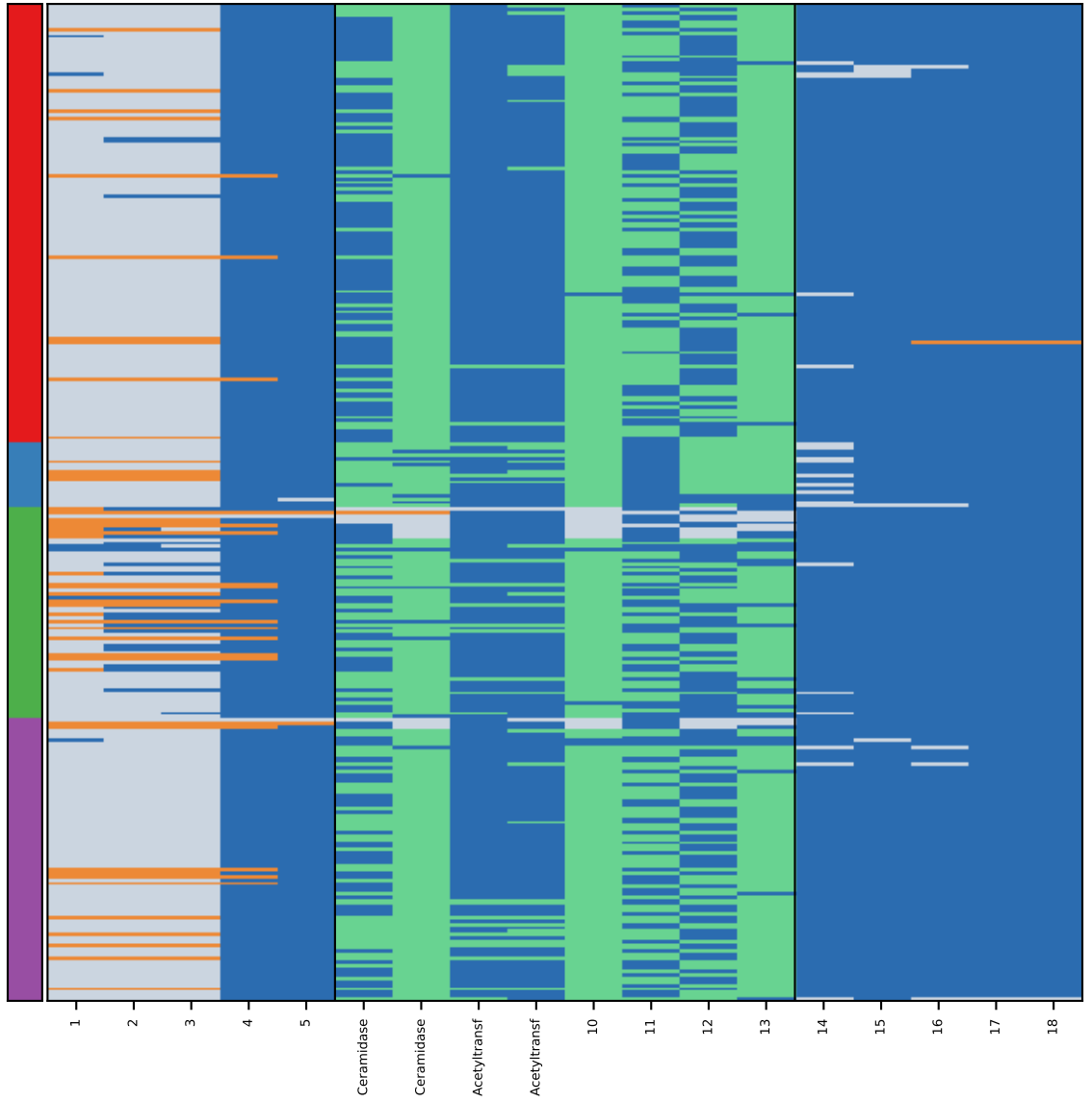
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elsewhere / contig break
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clade_1
clade_2
clade_3

L089 8 genes content 96% of 293 strains type: monomorphic

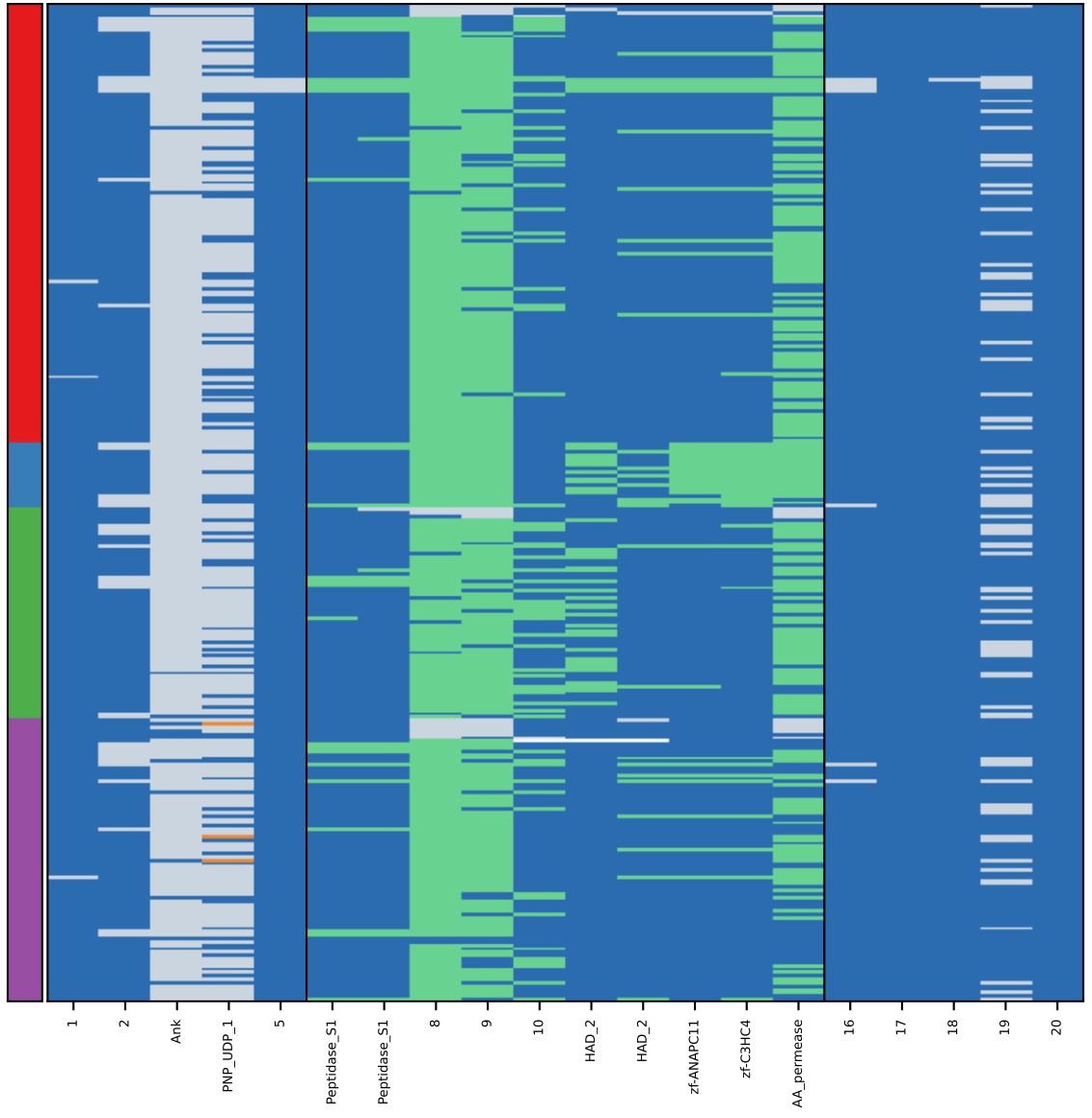


gene in place
DNA at site, no gene
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elsewhere / contig break
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clade_1
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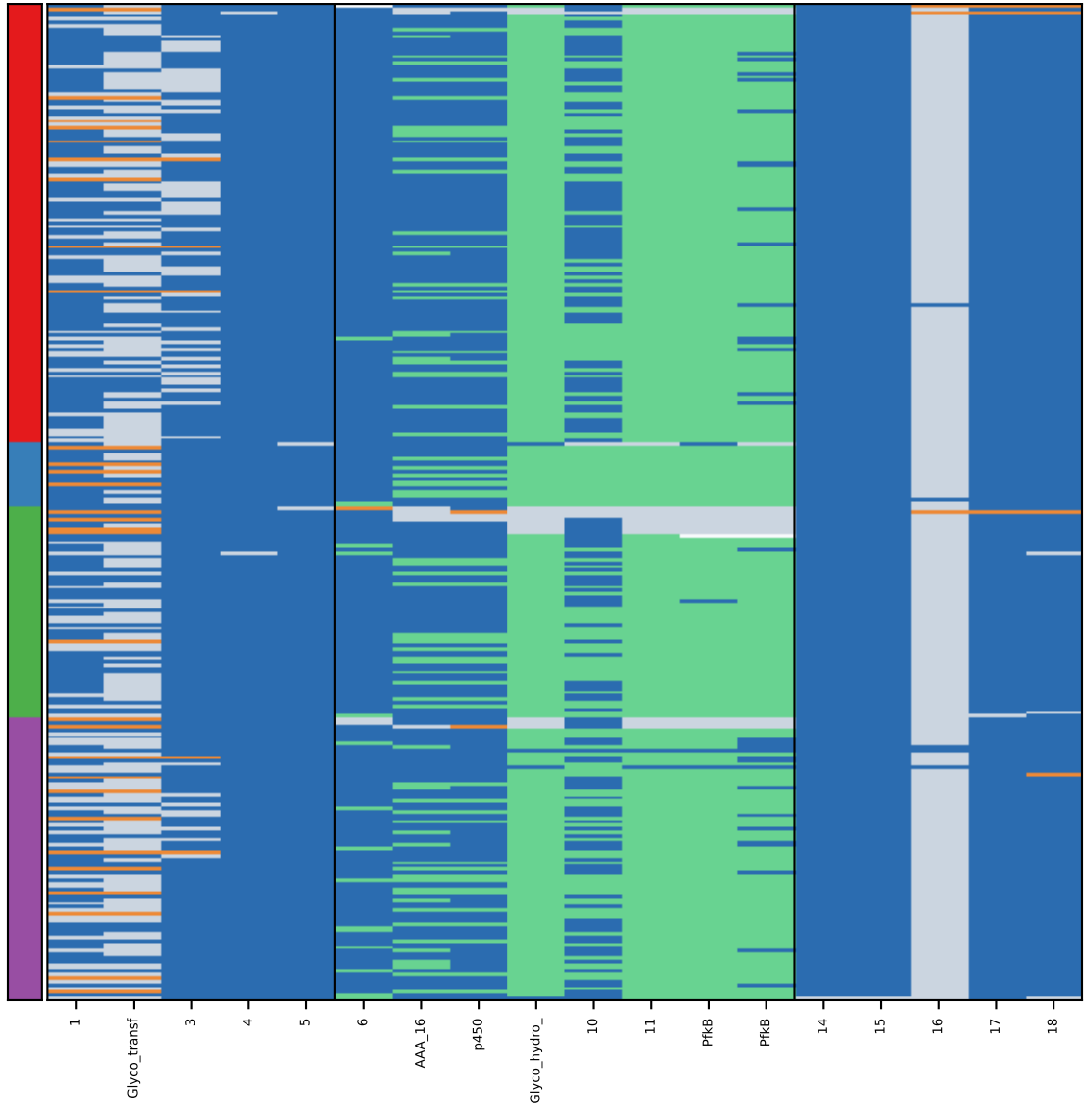
L090 8 genes content 98% of 293 strains type: monomorphic



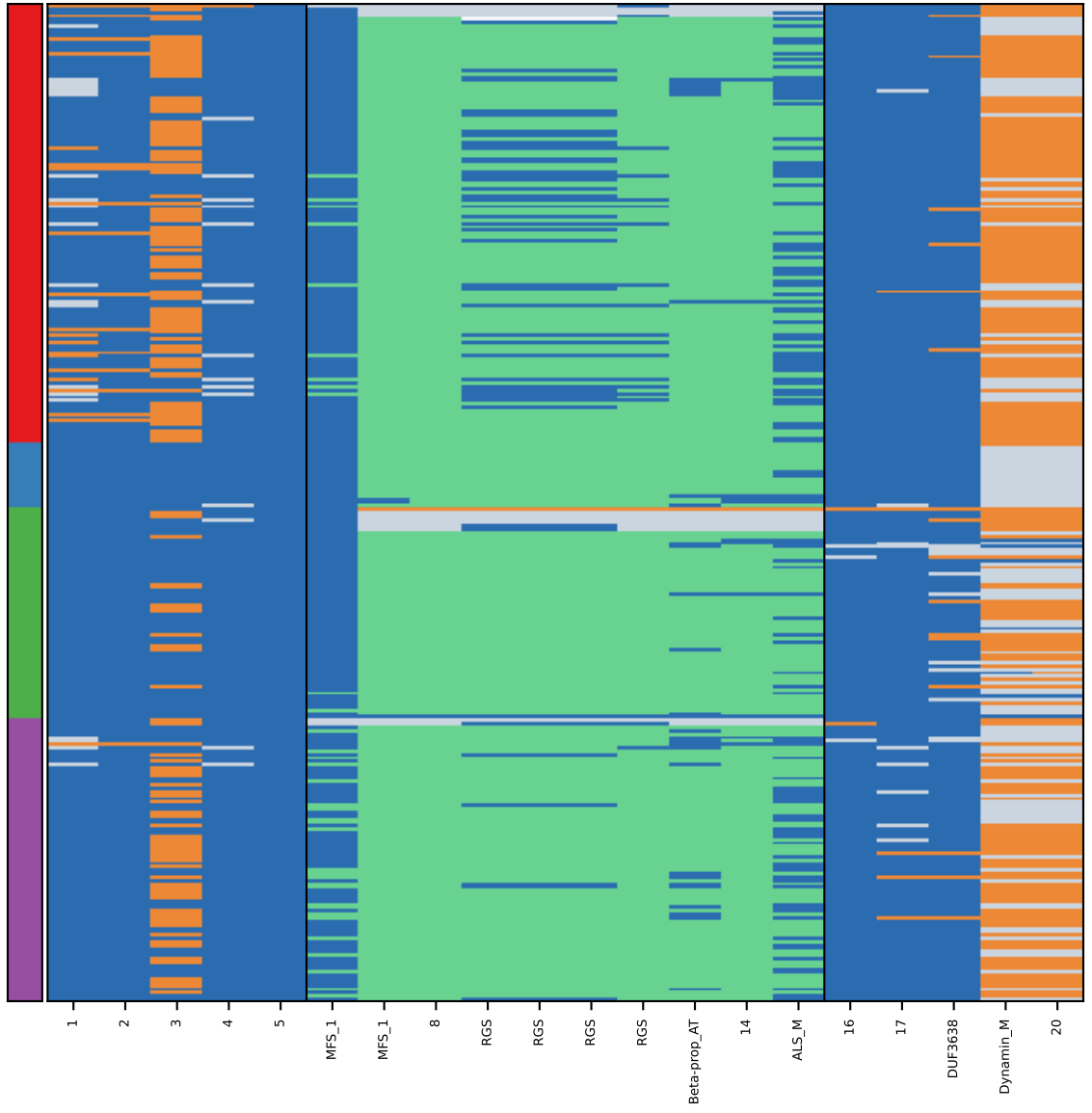
L091 10 genes content 100% of 293 strains type: monomorphic



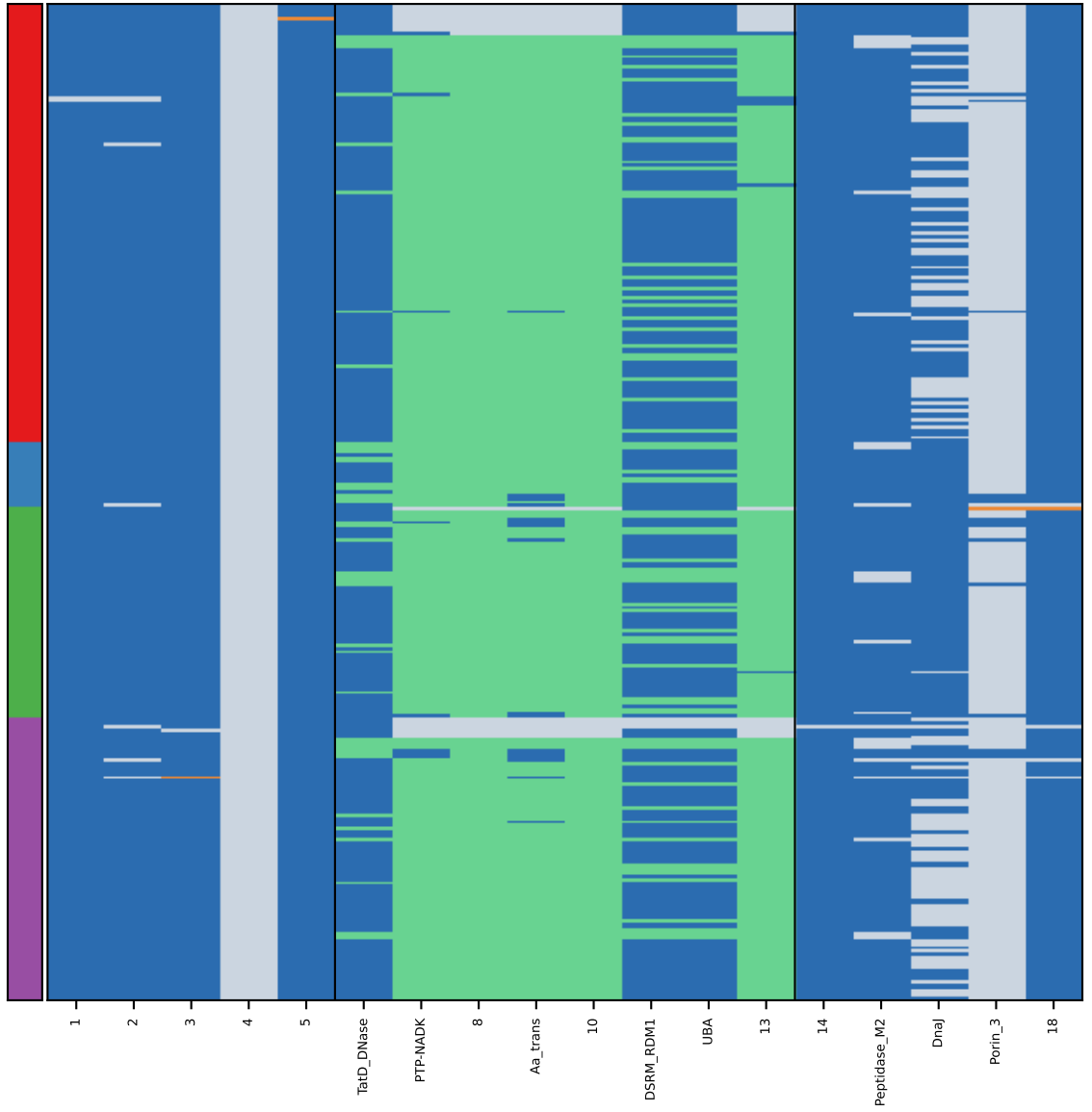
L092 8 genes content 97% of 293 strains type: monomorphic



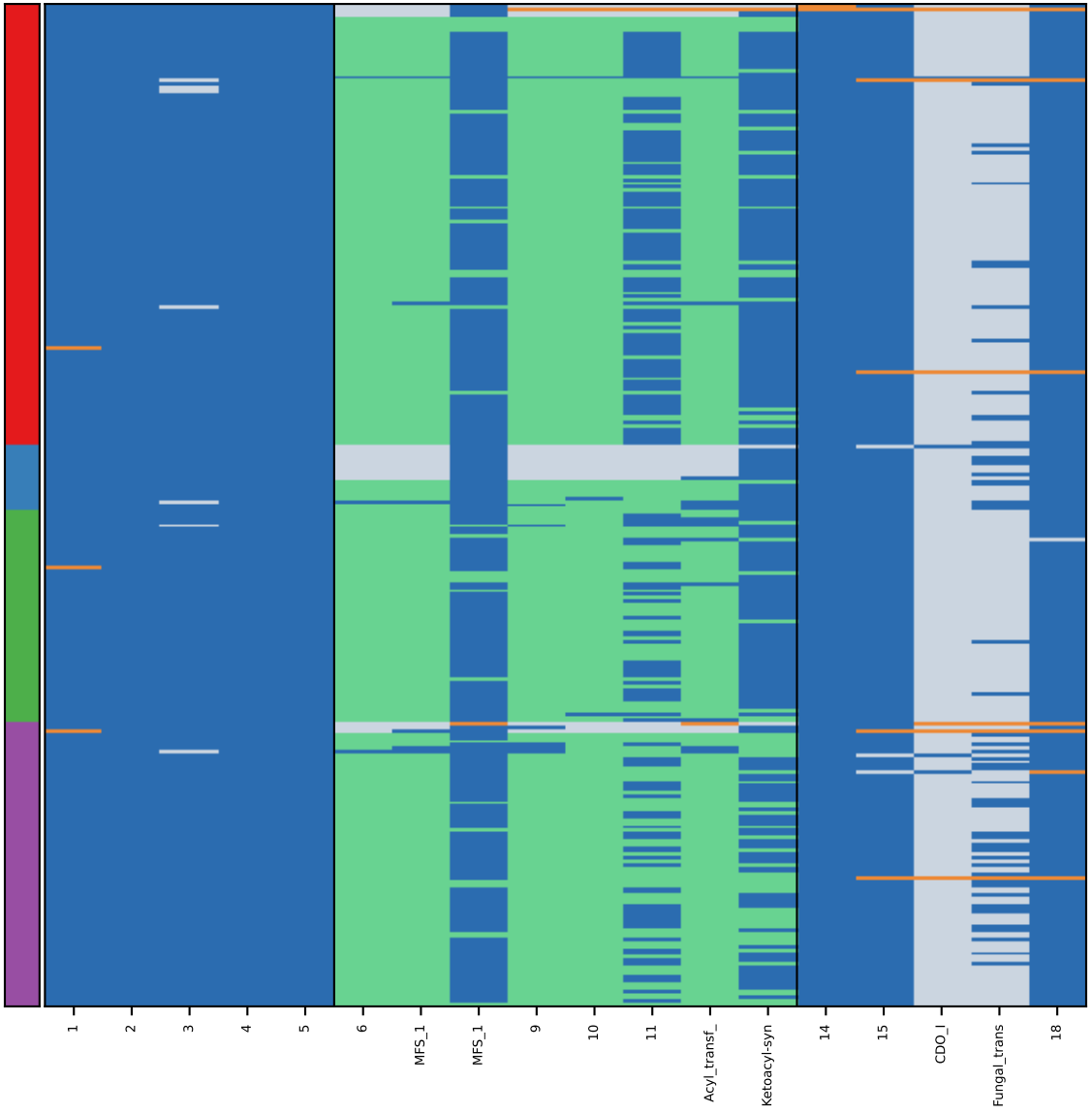
L093 10 genes content 96% of 293 strains type: monomorphic



L094 8 genes content 95% of 293 strains type: monomorphic

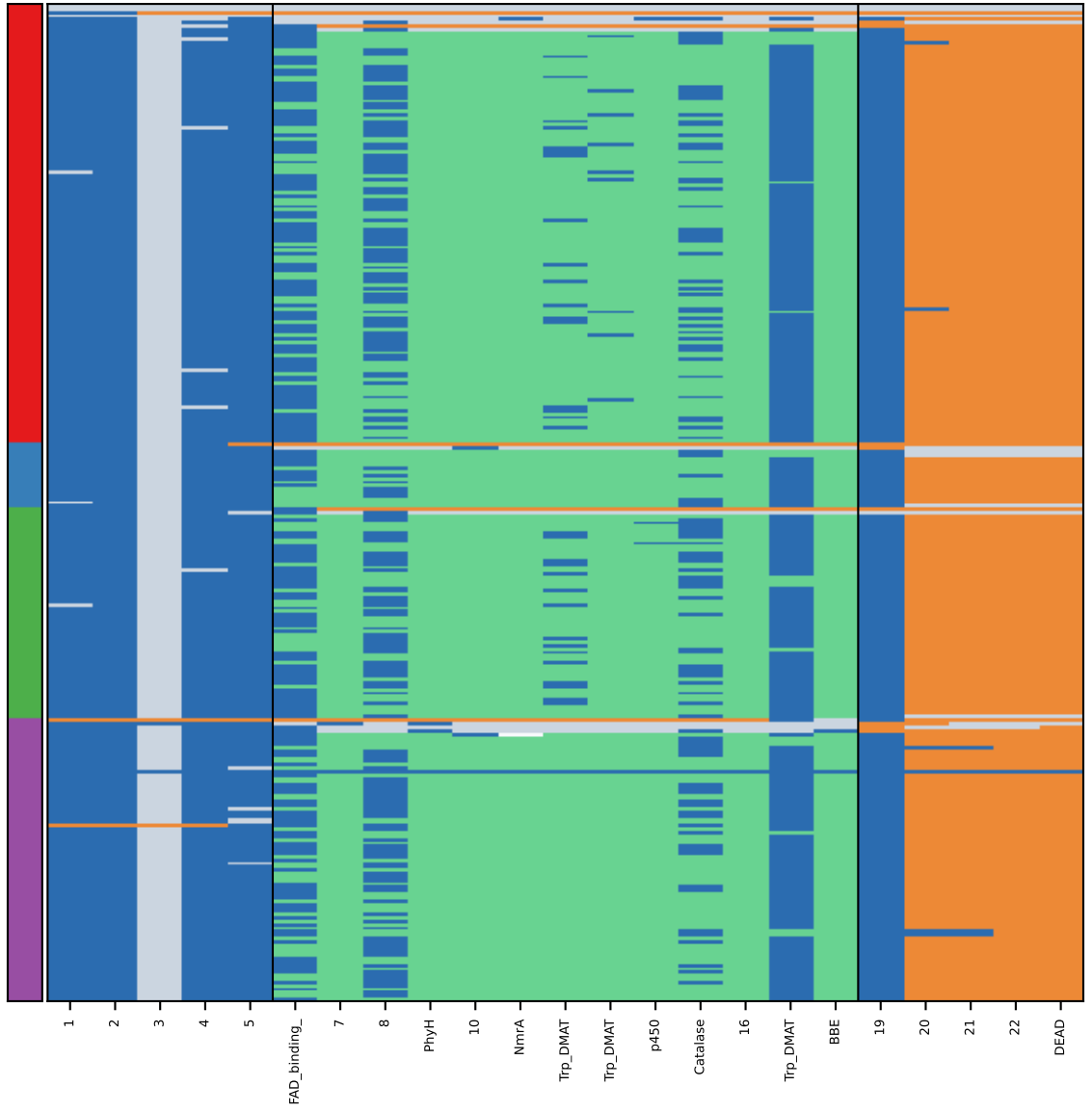


L095 8 genes content 94% of 293 strains type: monomorphic



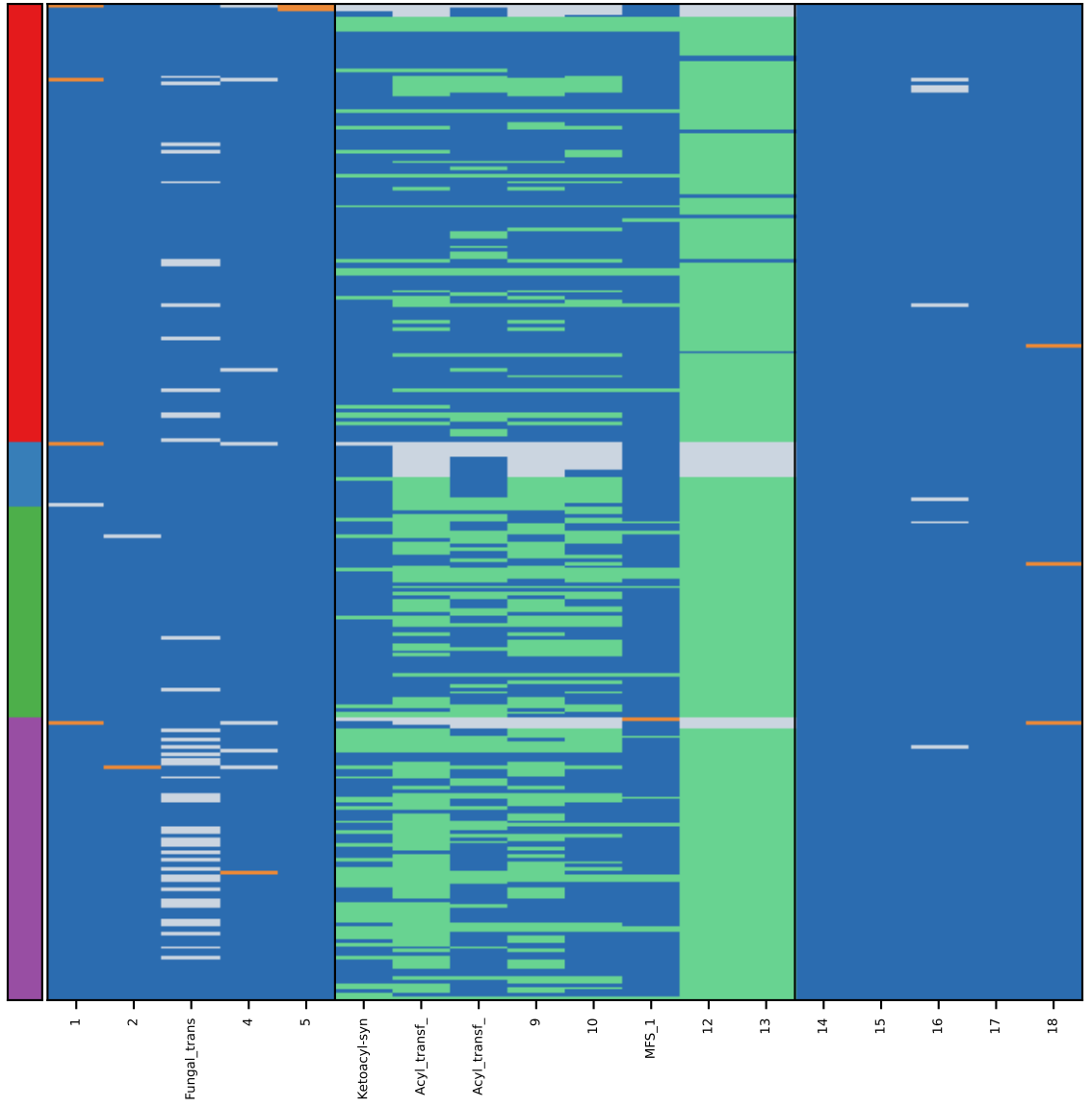
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L096 13 genes content 95% of 293 strains type: monomorphic

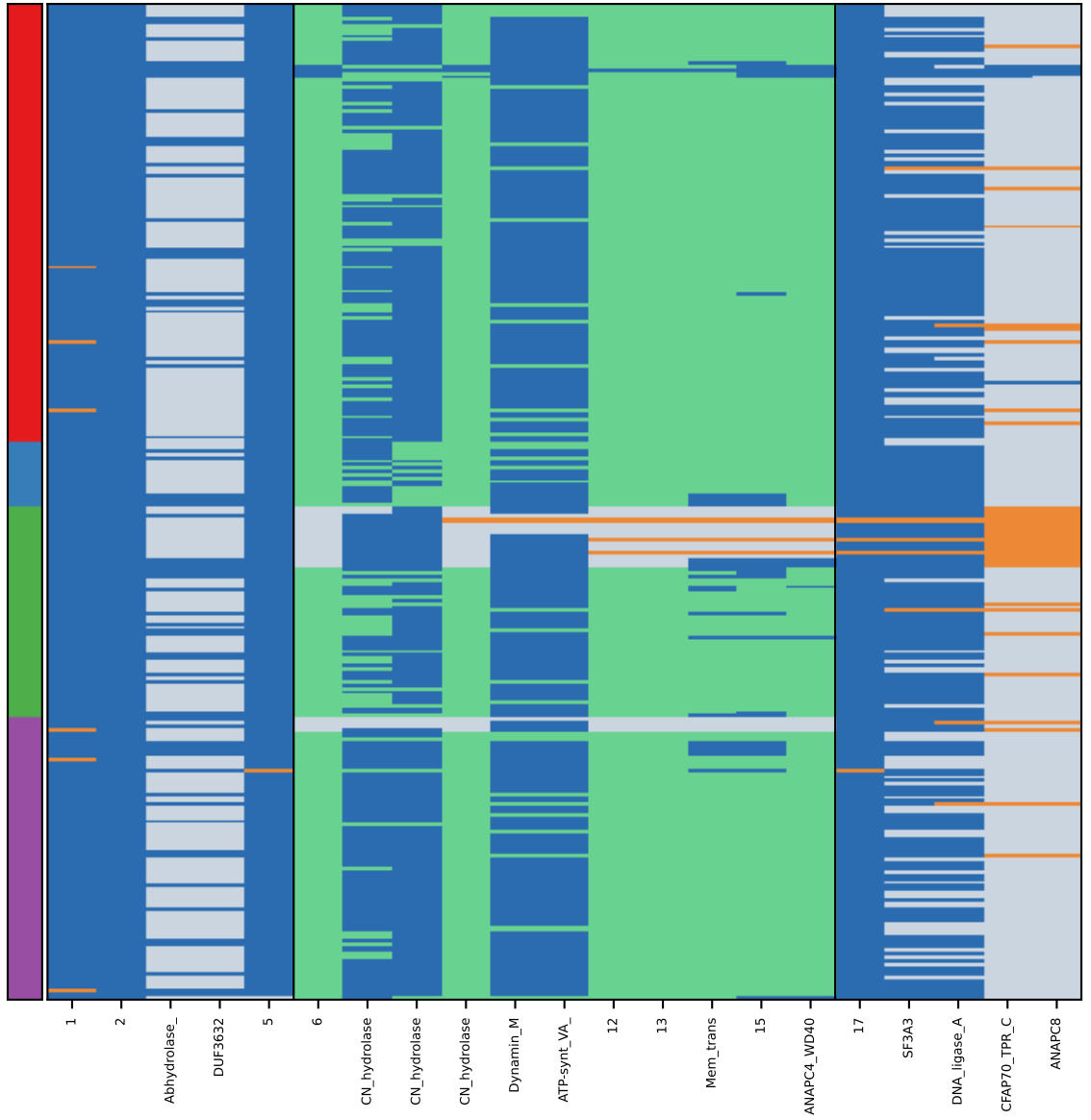


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

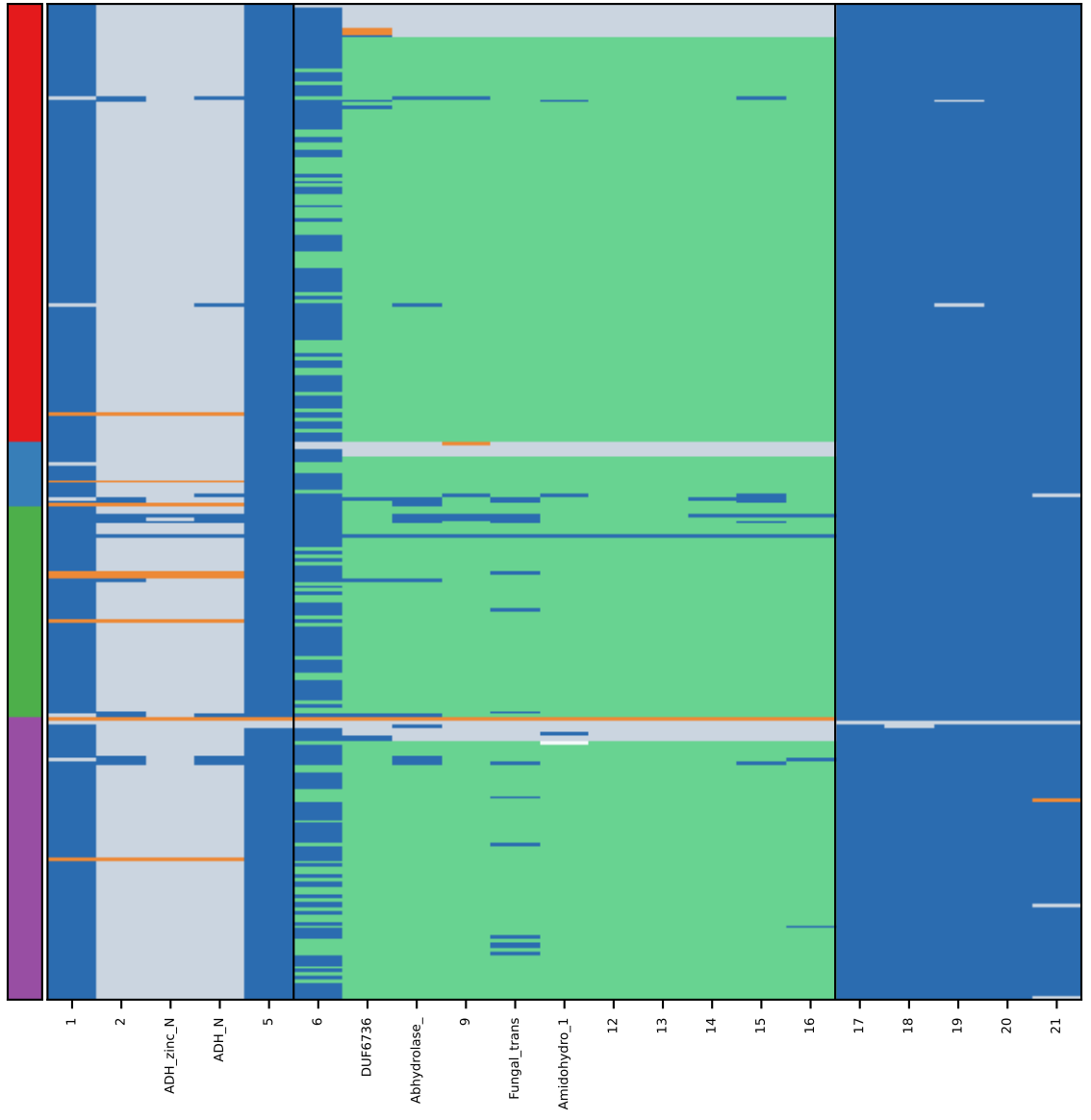
L097 8 genes content 95% of 293 strains type: monomorphic



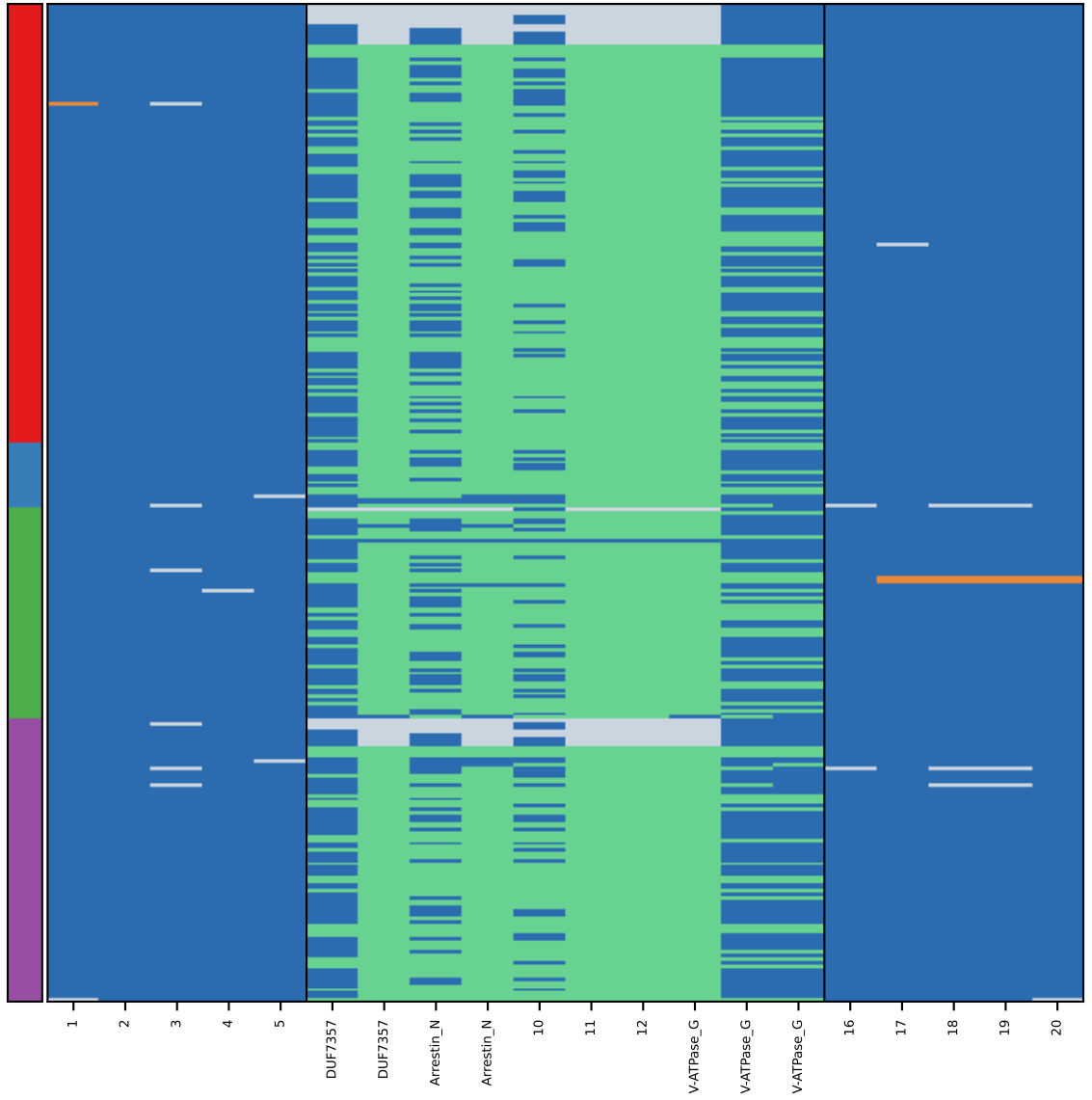
L098 11 genes content 94% of 293 strains type: monomorphic



L099 11 genes content 93% of 293 strains type: monomorphic

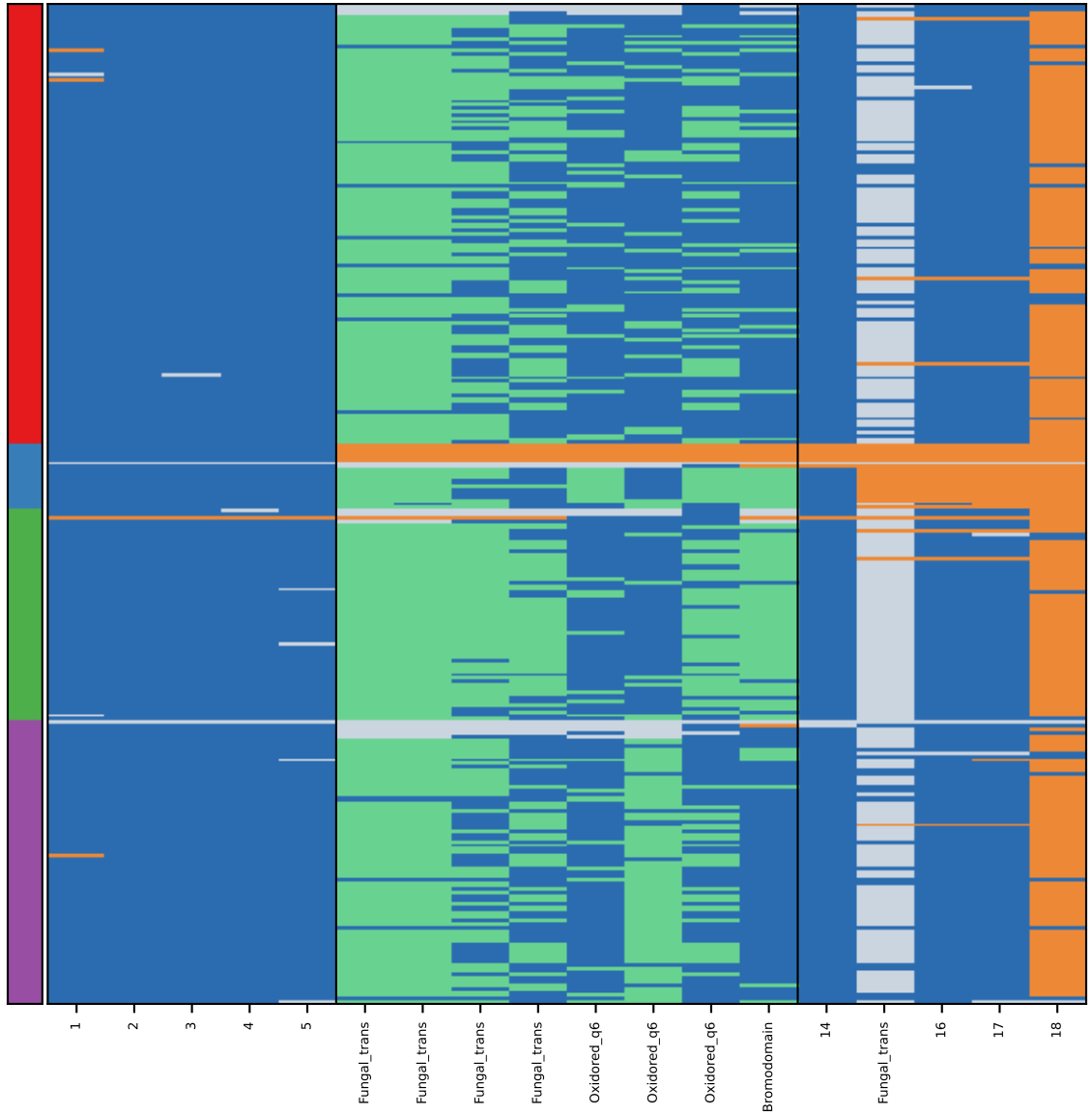


L100 10 genes content 95% of 293 strains type: monomorphic

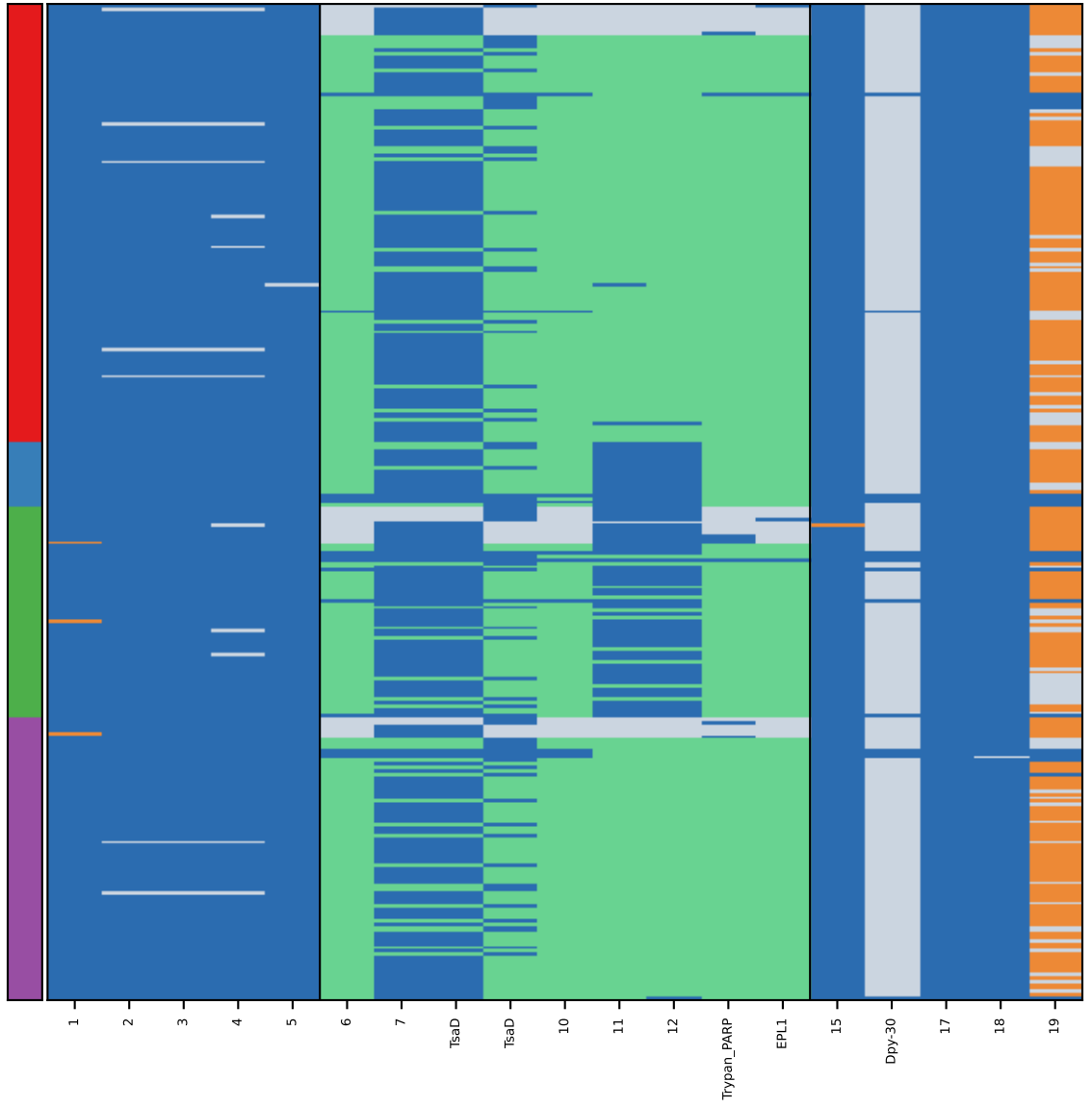


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

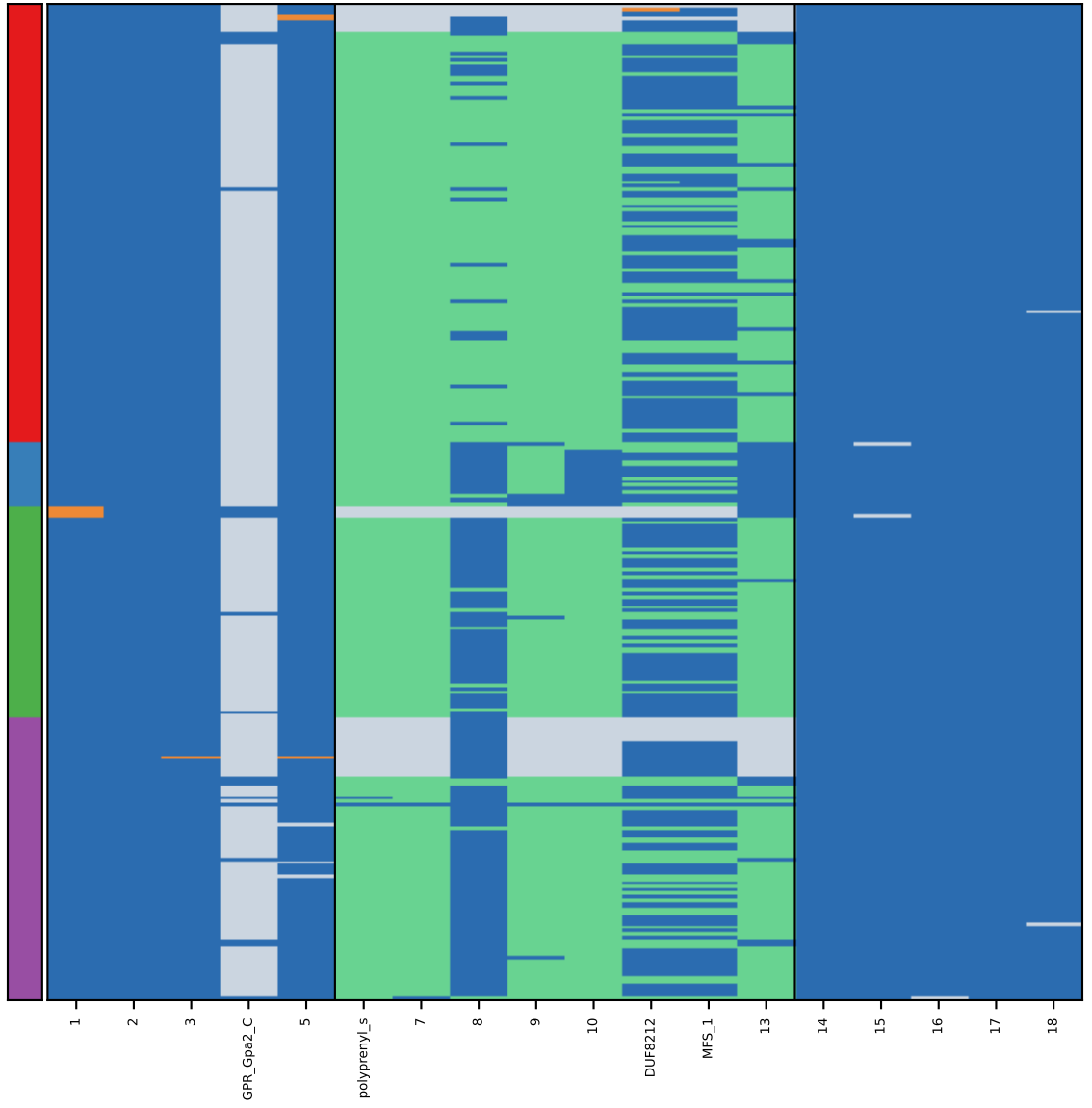
L101 8 genes content 94% of 293 strains type: monomorphic



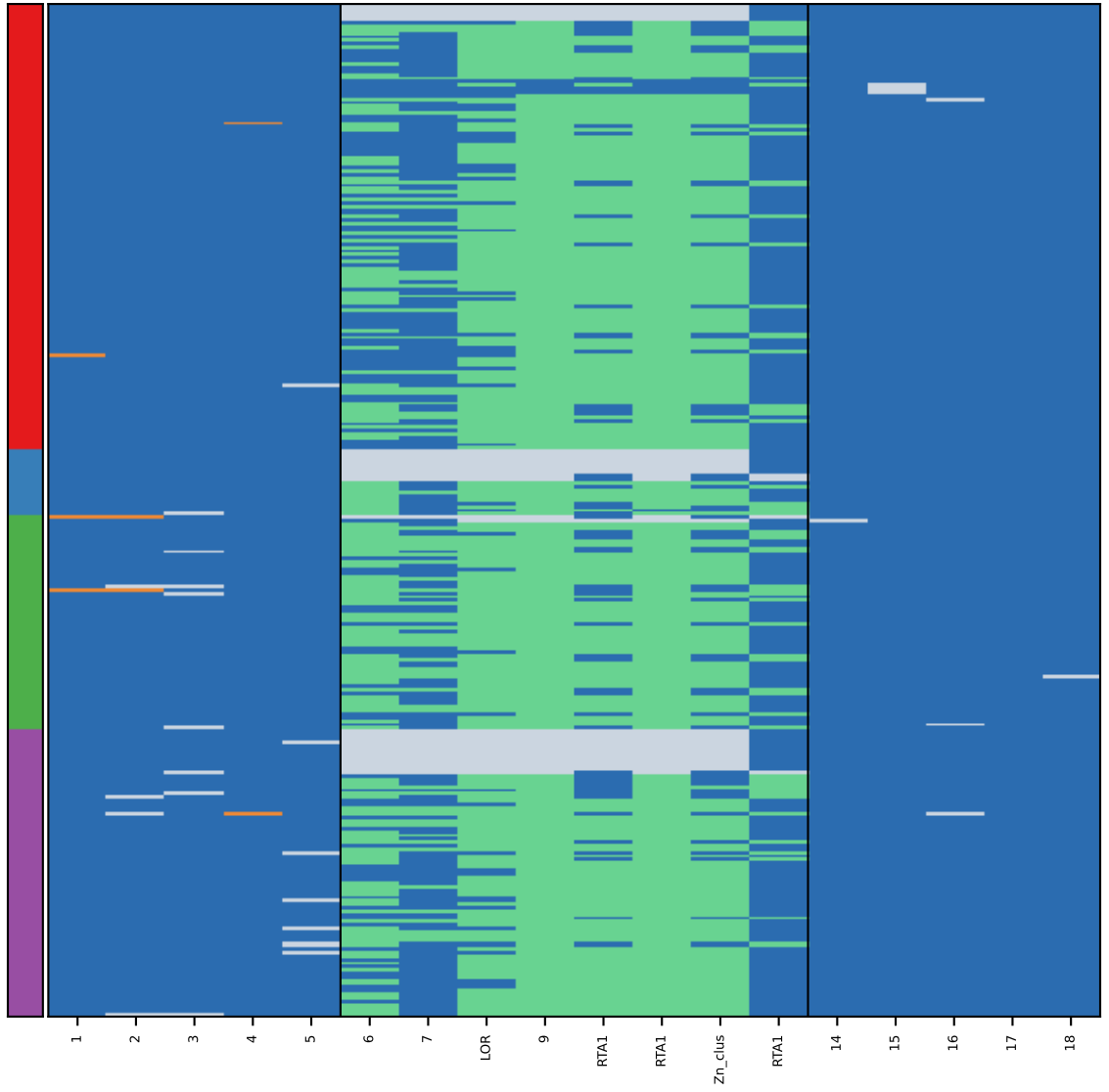
L102 9 genes content 92% of 293 strains type: monomorphic



L103 8 genes content 90% of 293 strains type: monomorphic

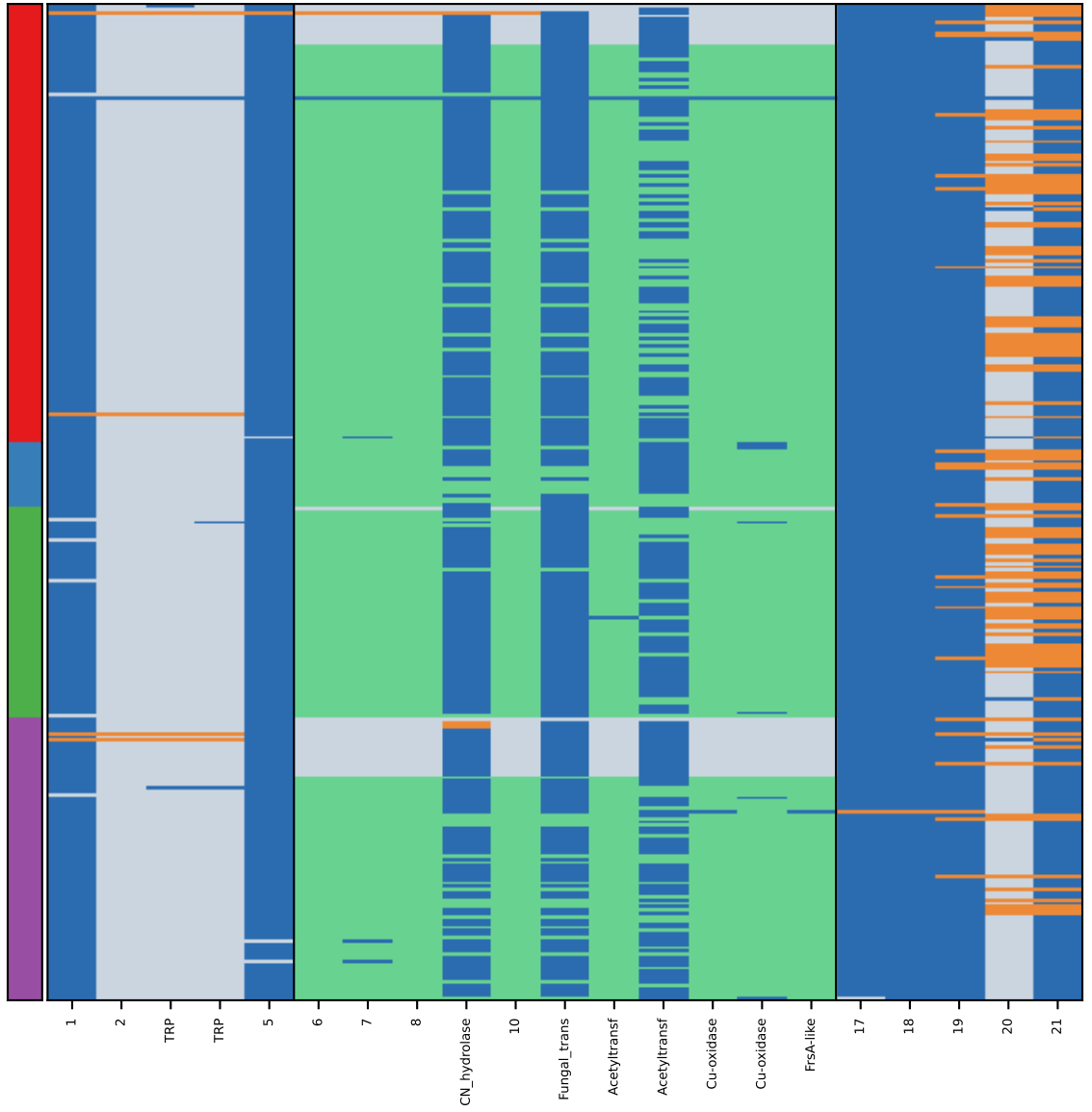


L104 8 genes content 90% of 293 strains type: monomorphic

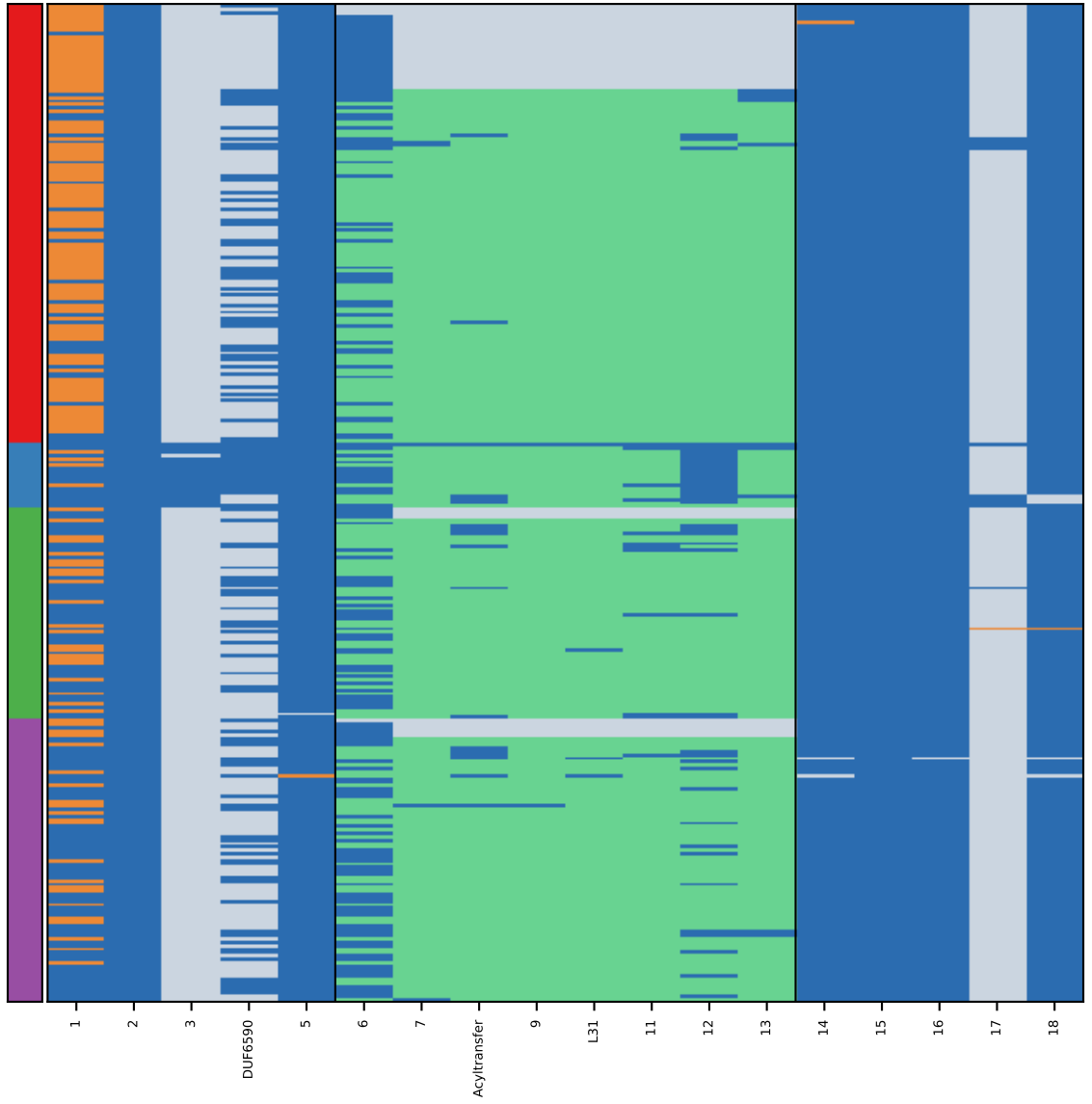


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L105 11 genes content 90% of 293 strains type: content_variants

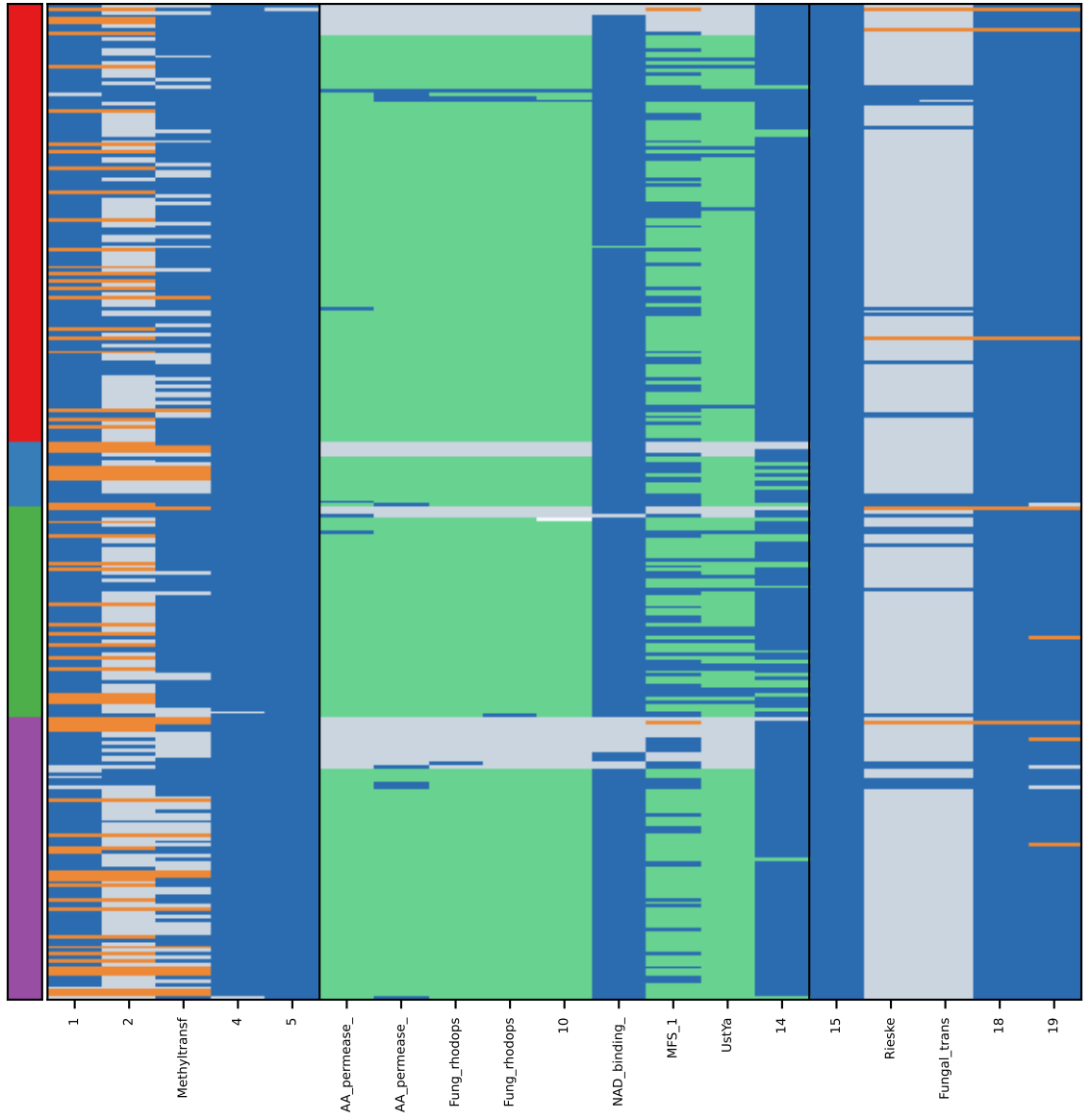


L106 8 genes content 89% of 293 strains type: content_variants

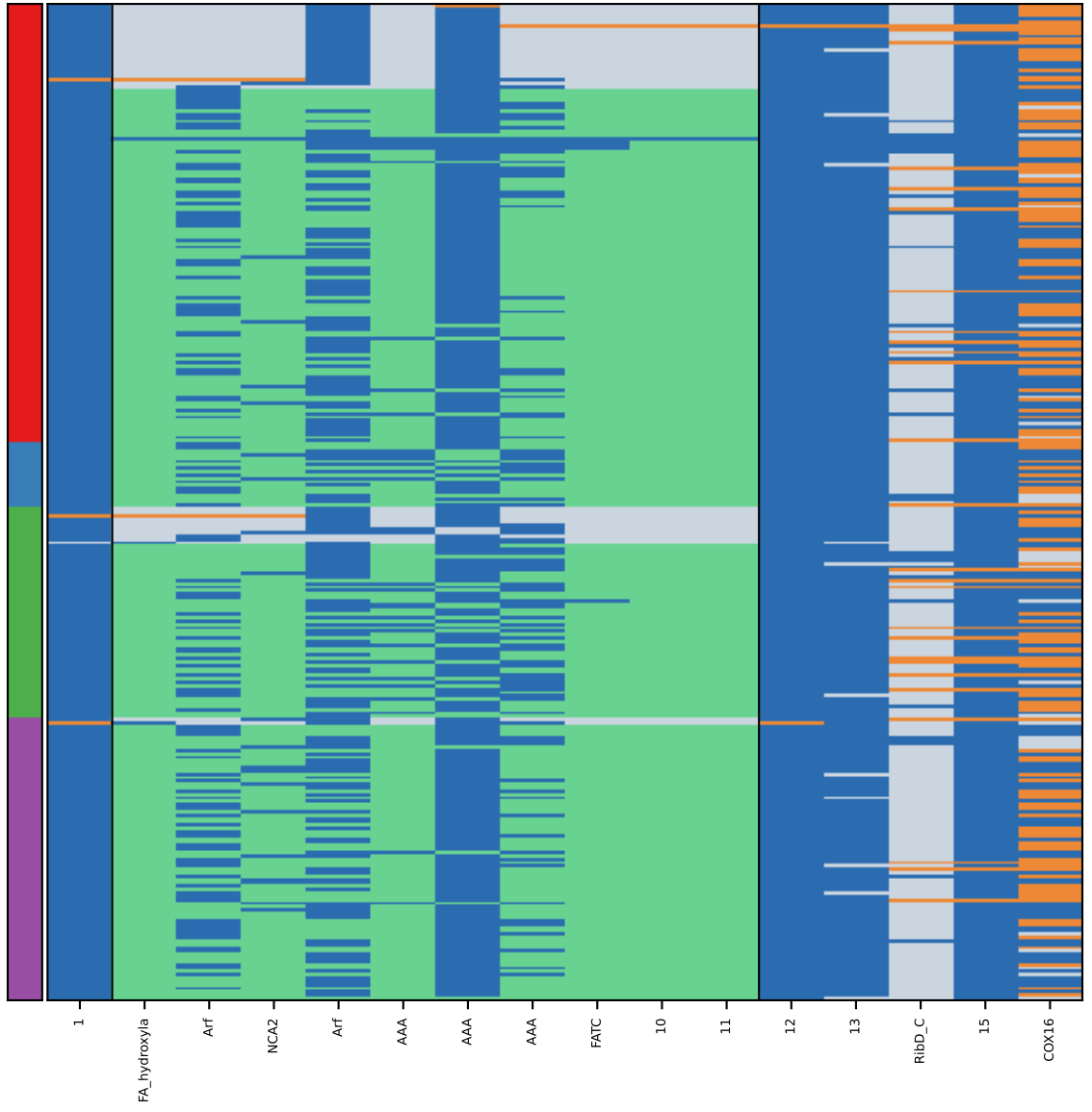


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L107 9 genes content 89% of 293 strains type: content_variants

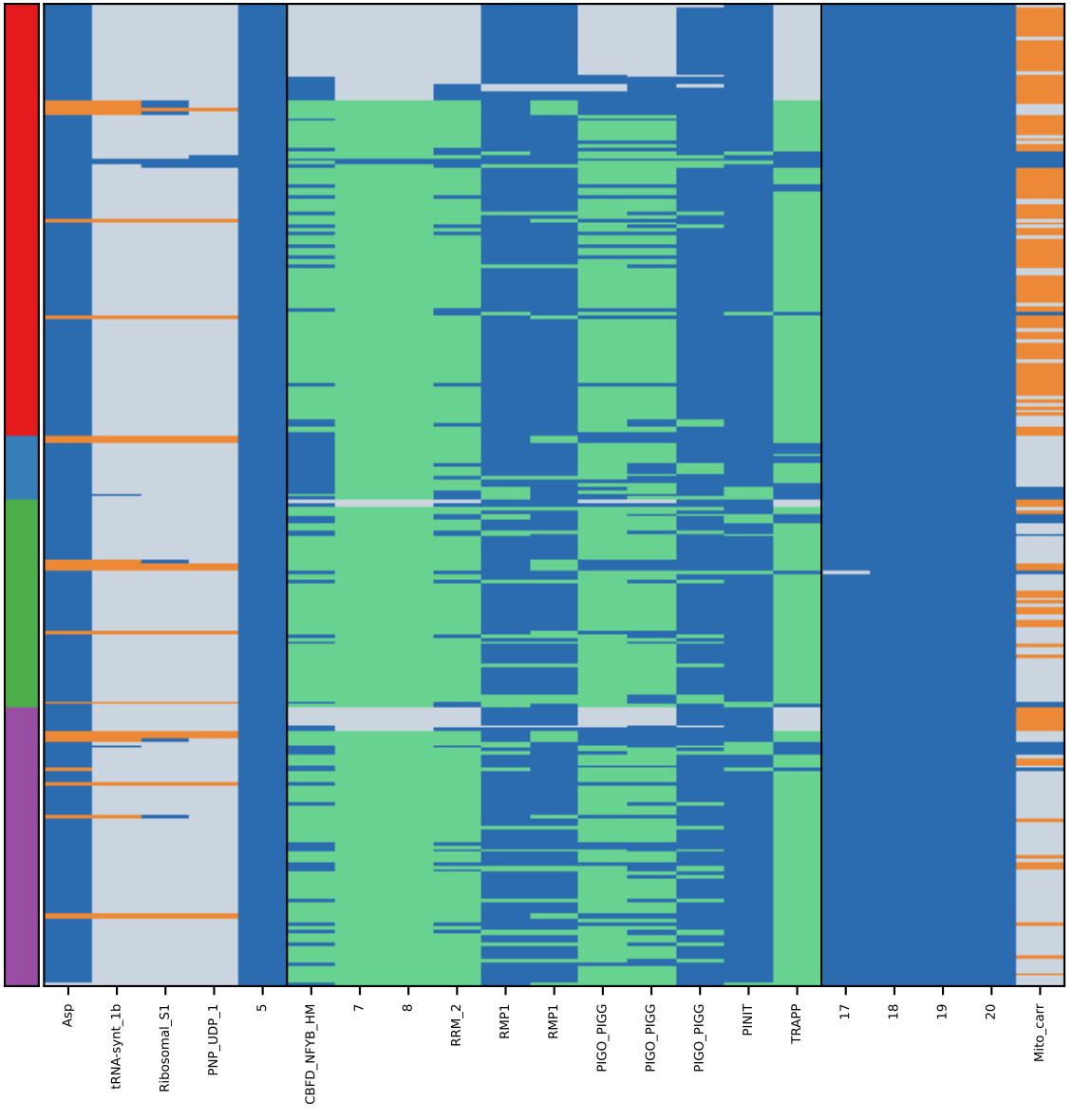


L108 10 genes content 87% of 293 strains type: content_variants

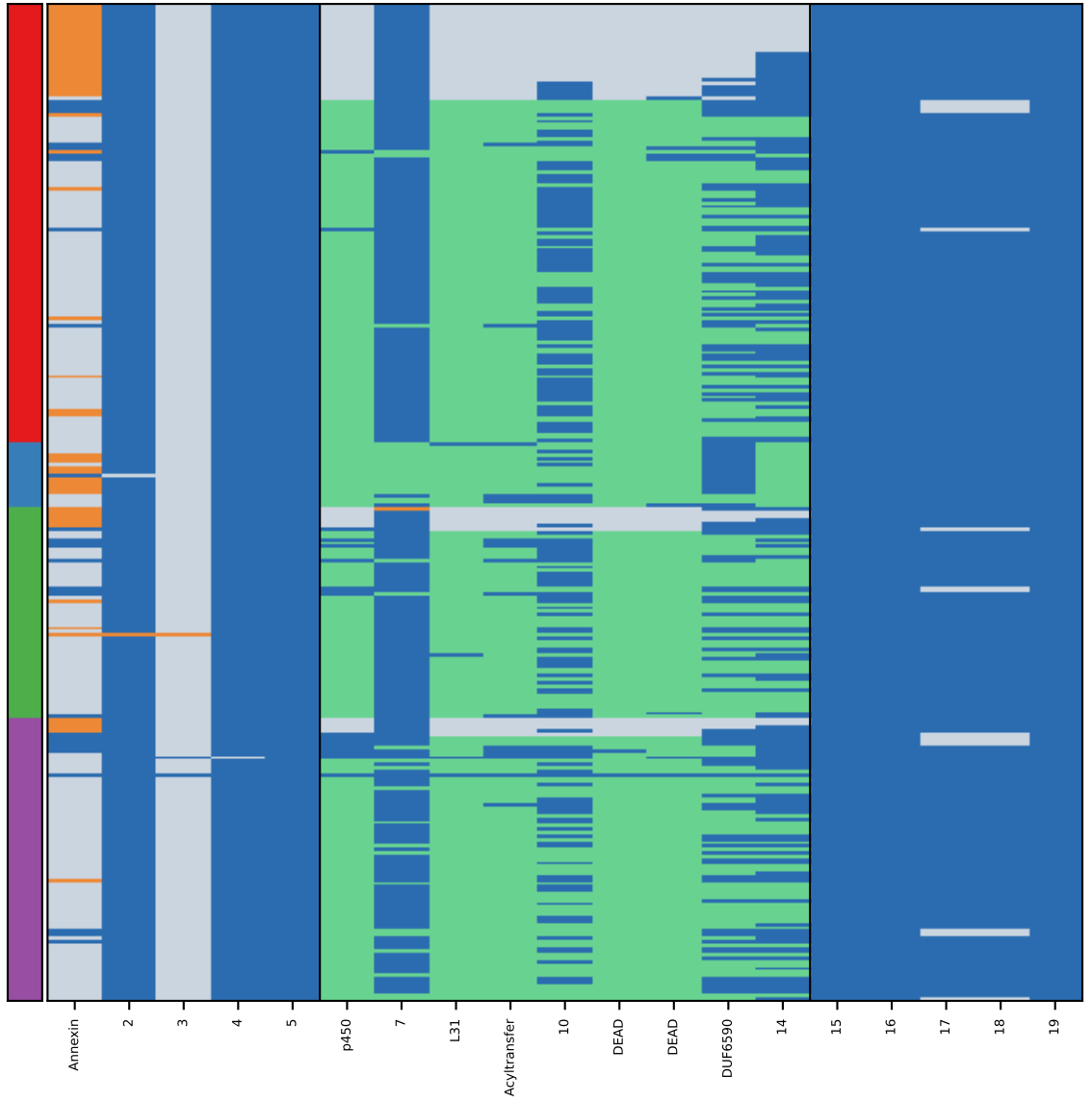


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L109 11 genes content 89% of 293 strains type: content_variants

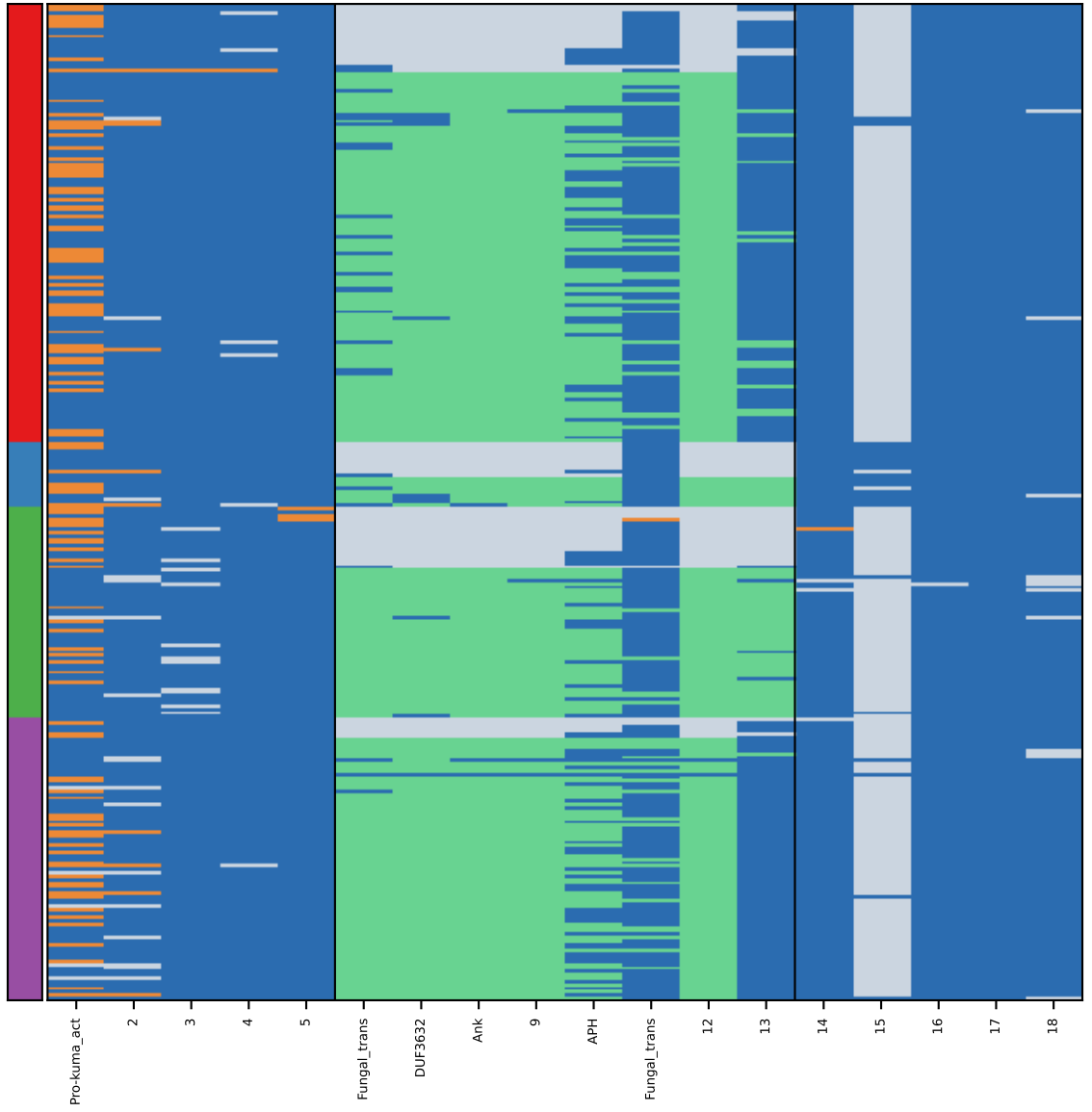


L110 9 genes content 86% of 293 strains type: content_variants

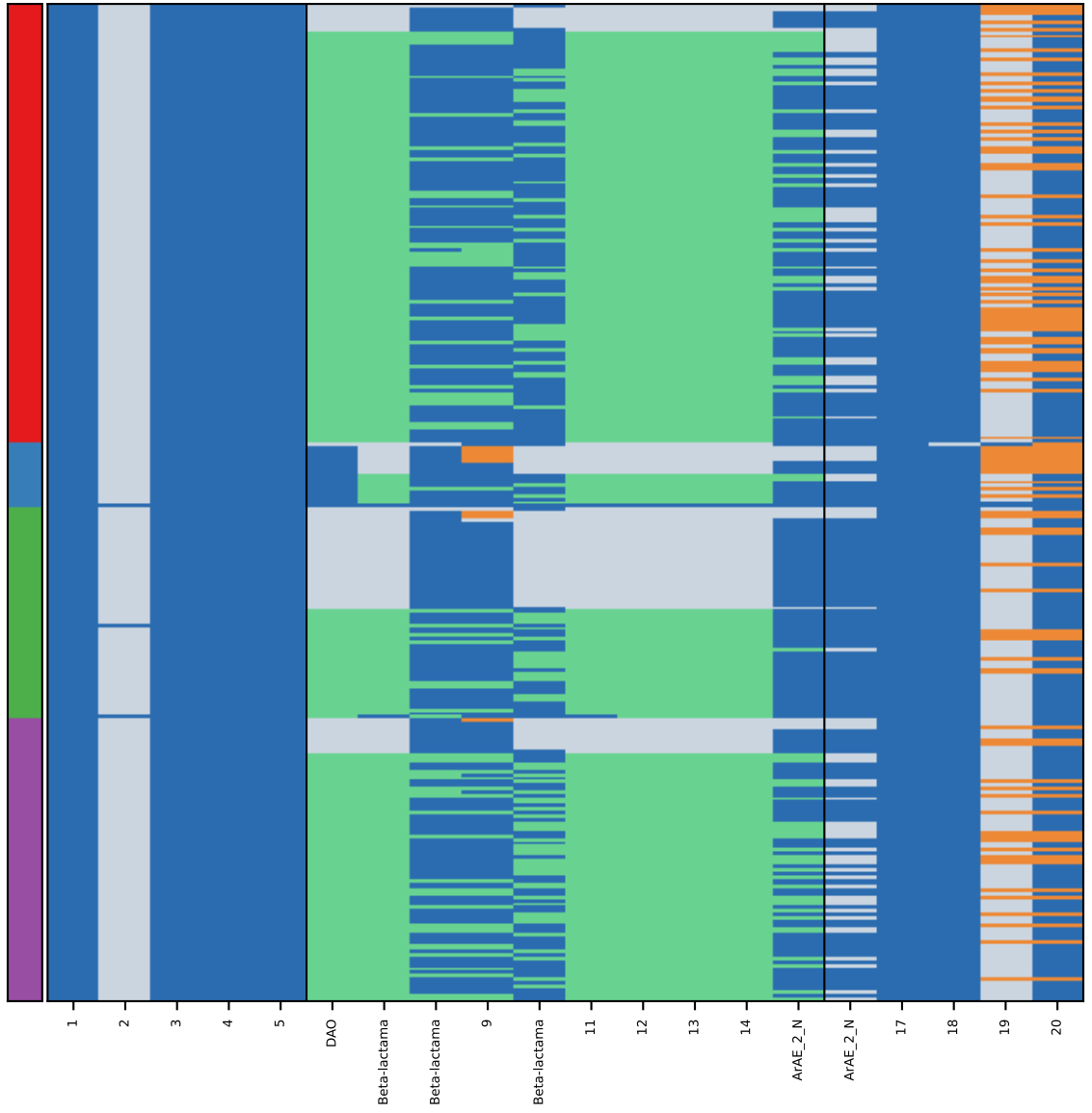


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

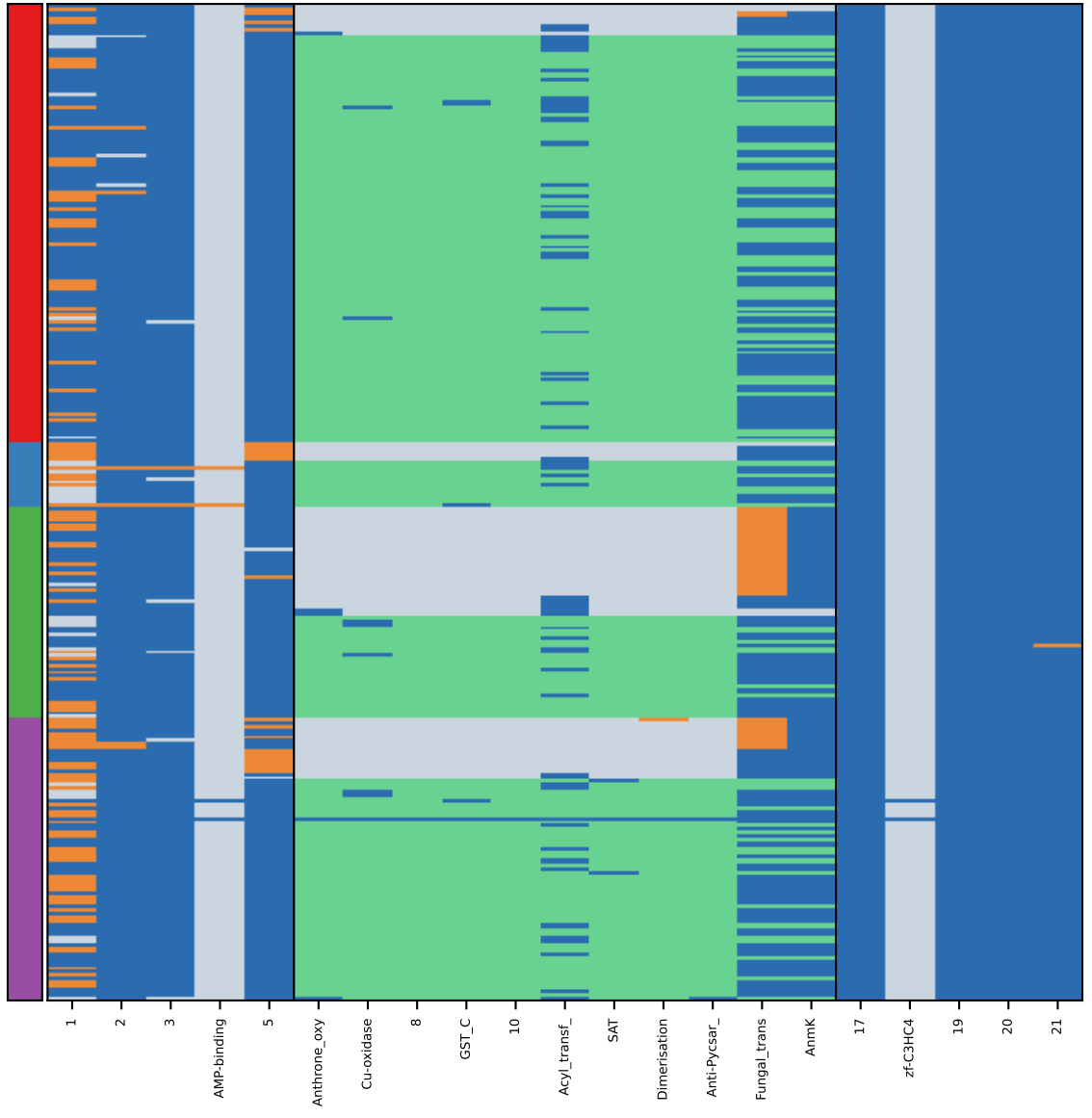
L111 8 genes content 82% of 293 strains type: content_variants



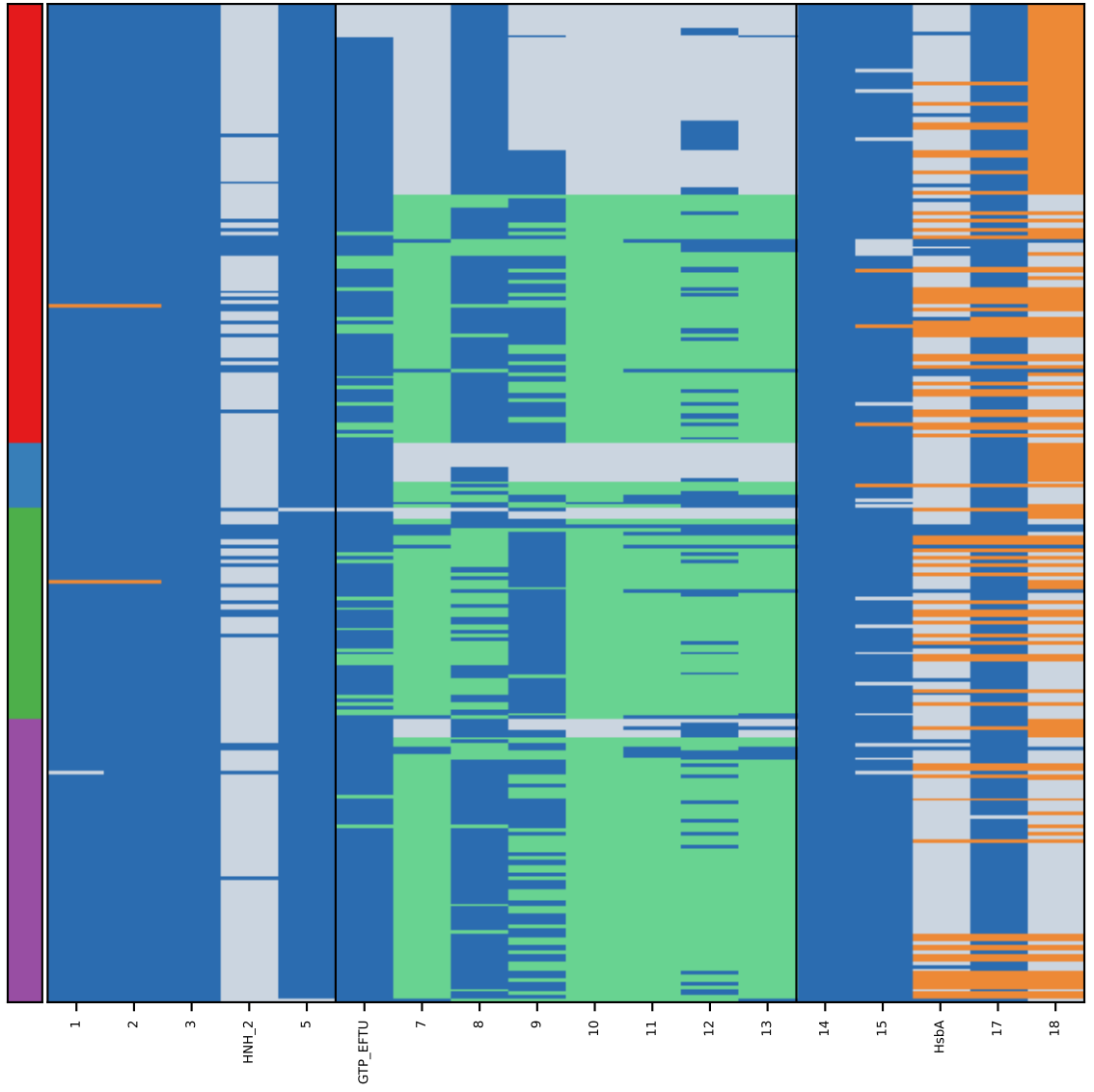
L112 11 genes content 81% of 293 strains type: content_variants



L113 11 genes content 78% of 293 strains type: content_variants

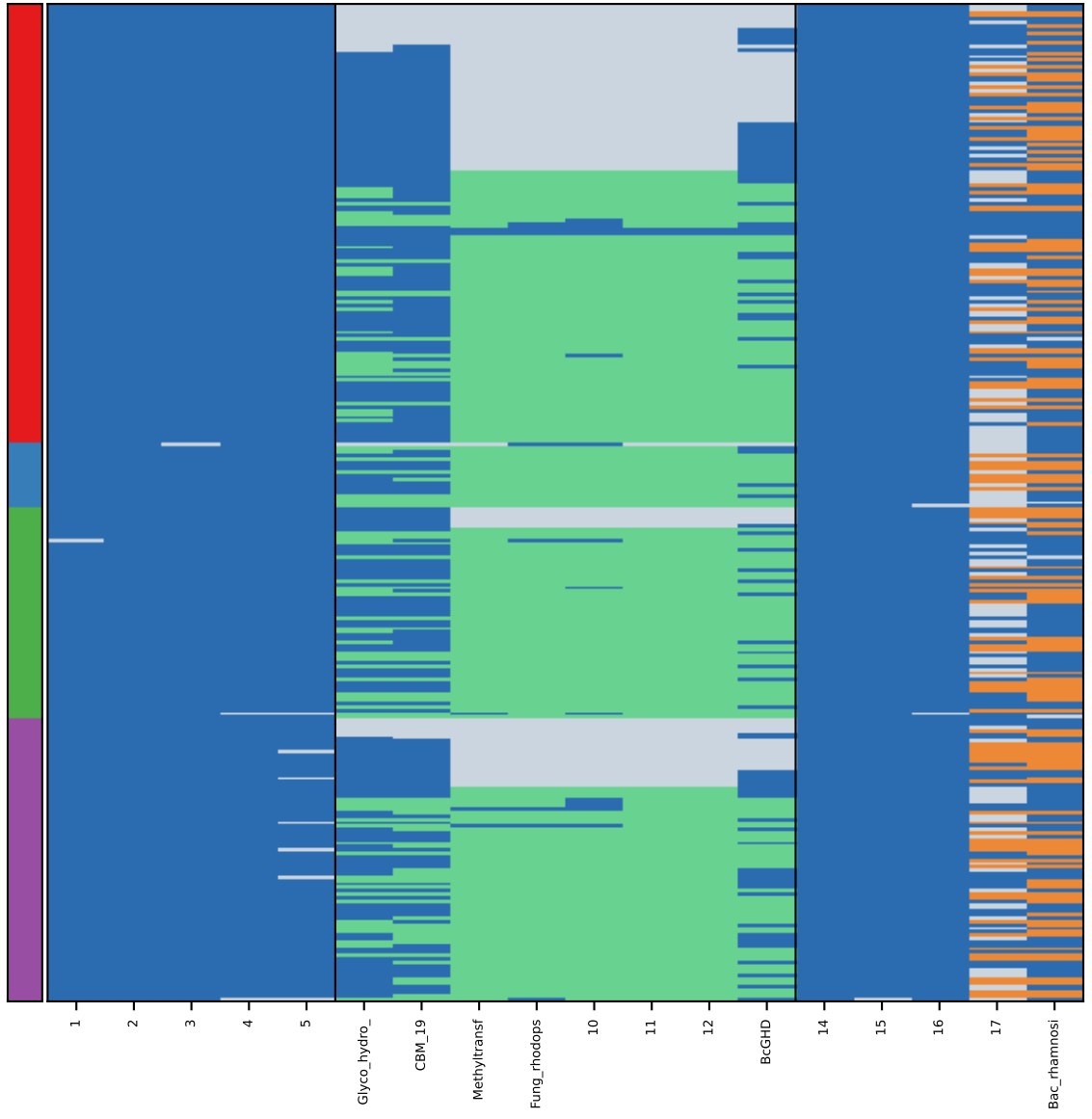


L114 8 genes content 76% of 293 strains type: content_variants

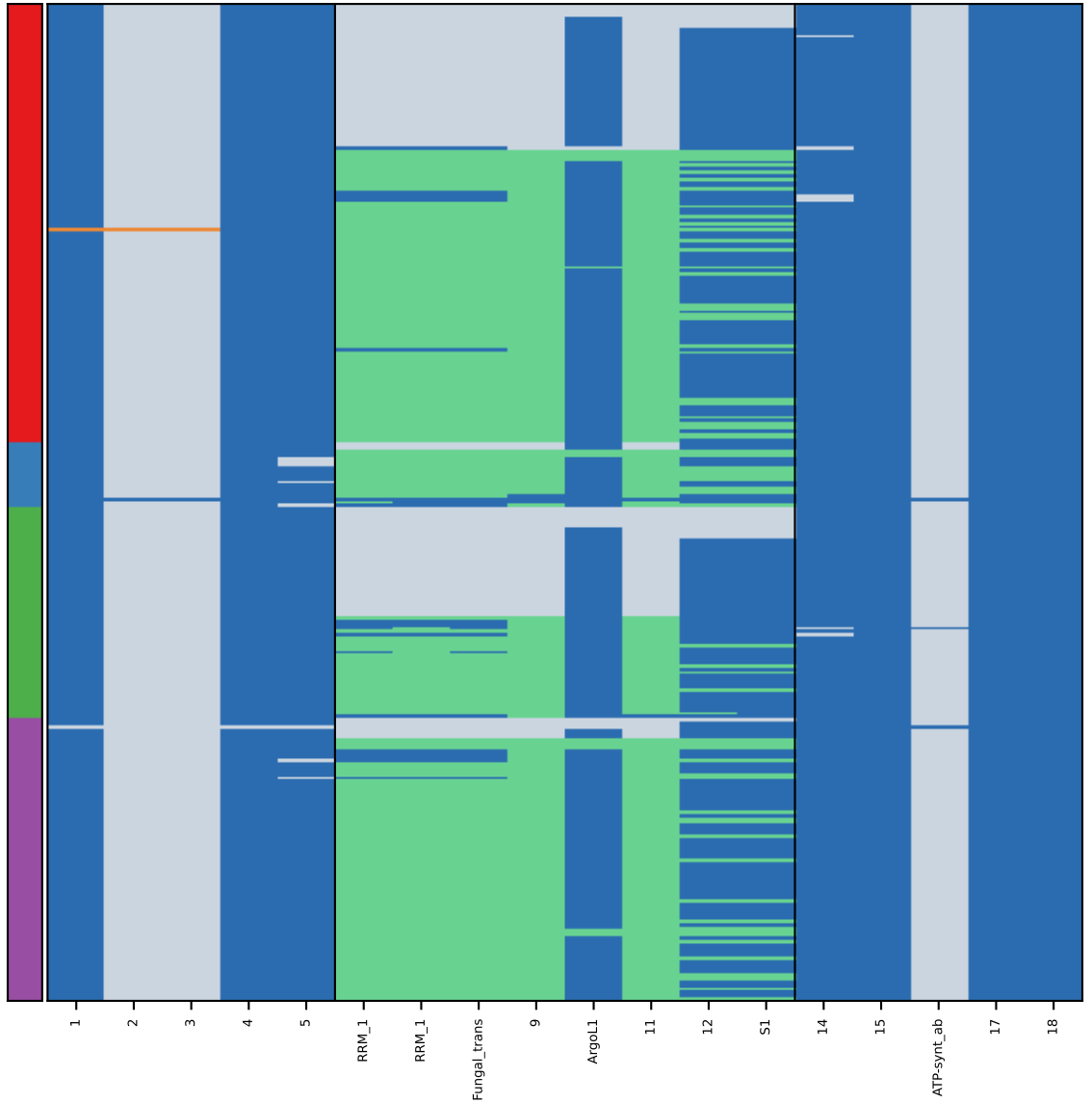


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L115 8 genes content 74% of 293 strains type: content_variants

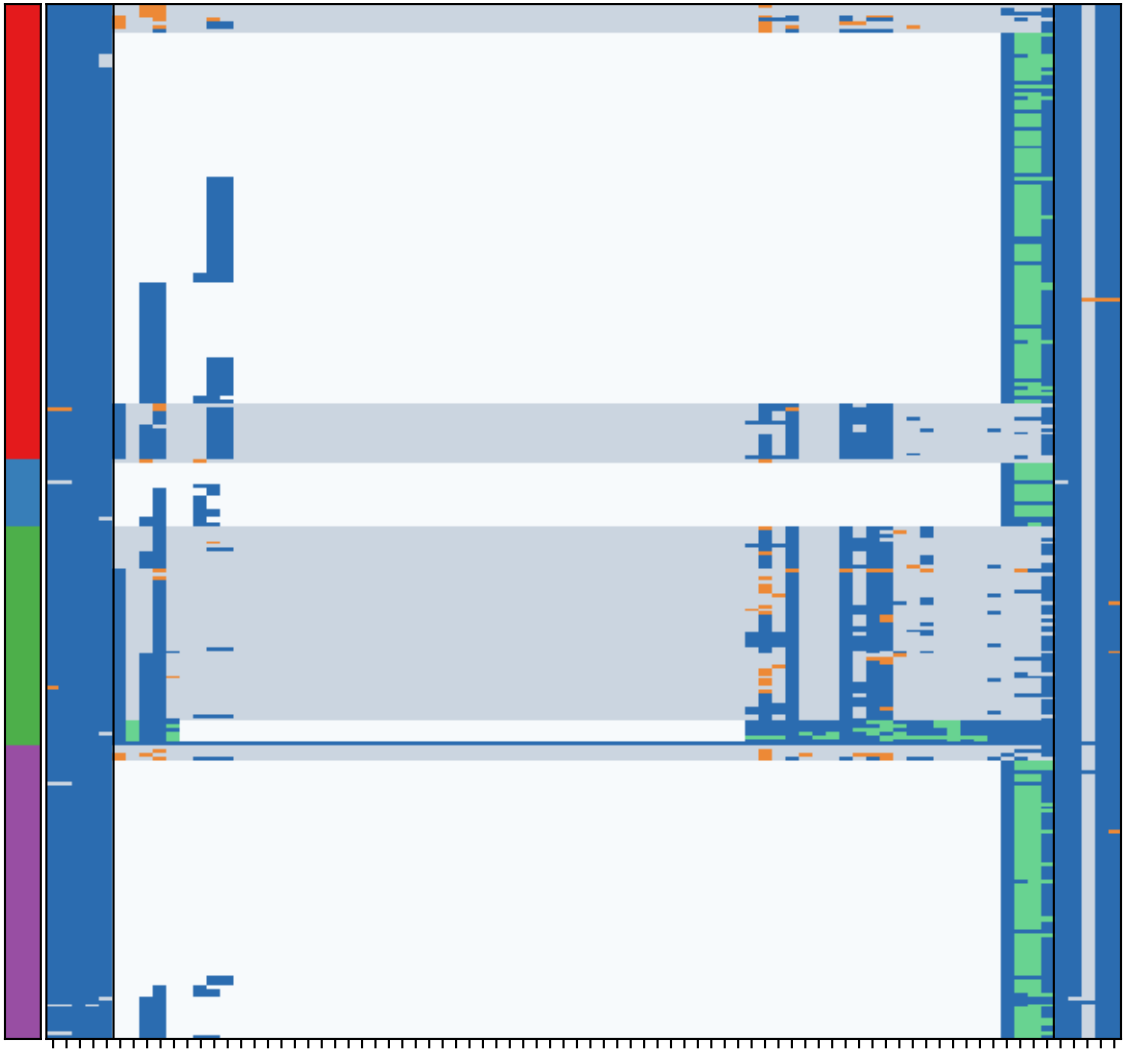


L116 8 genes content 72% of 293 strains type: content_variants



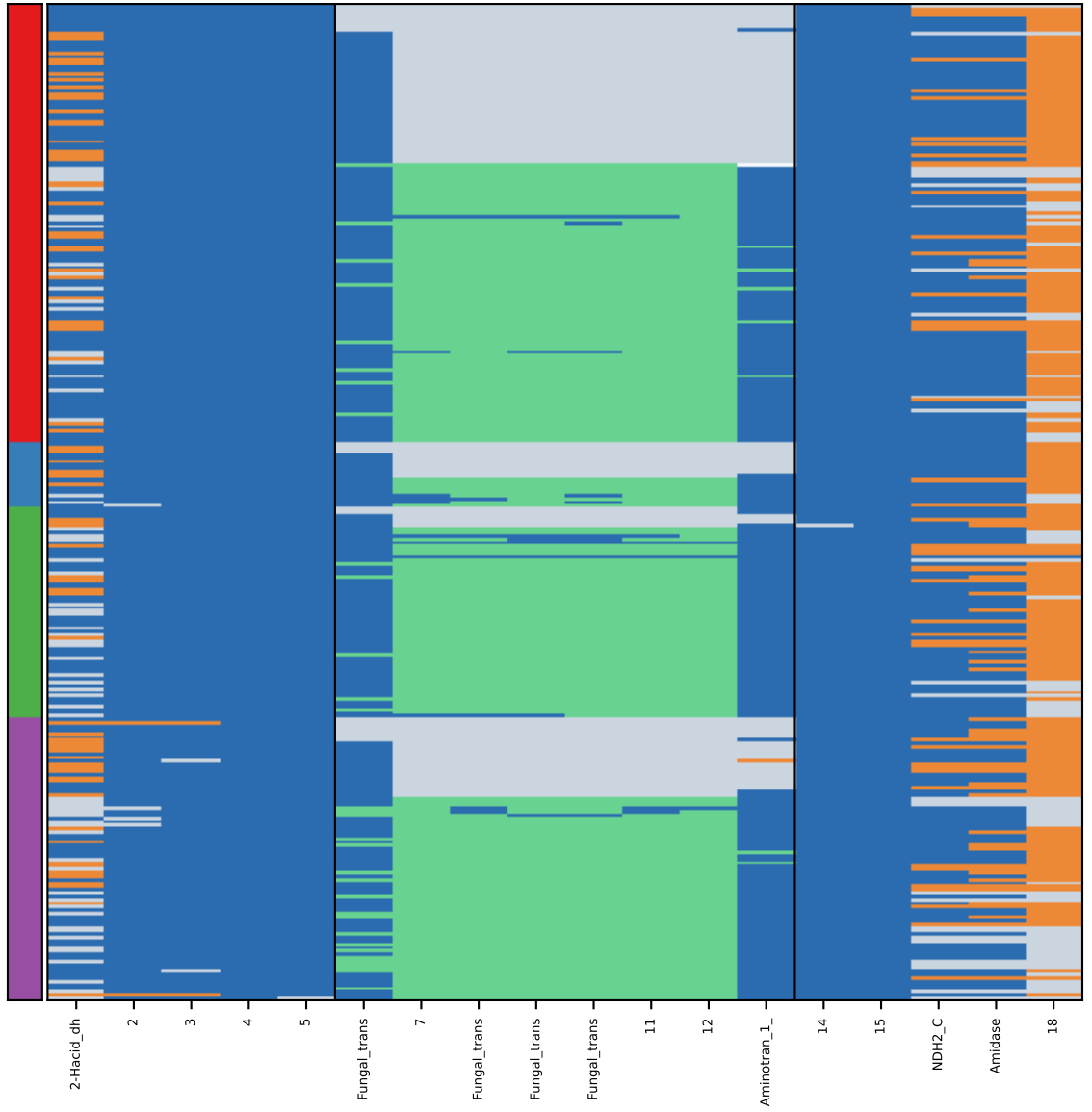
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L117 70 genes content 0% of 293 strains type: swap_candidate



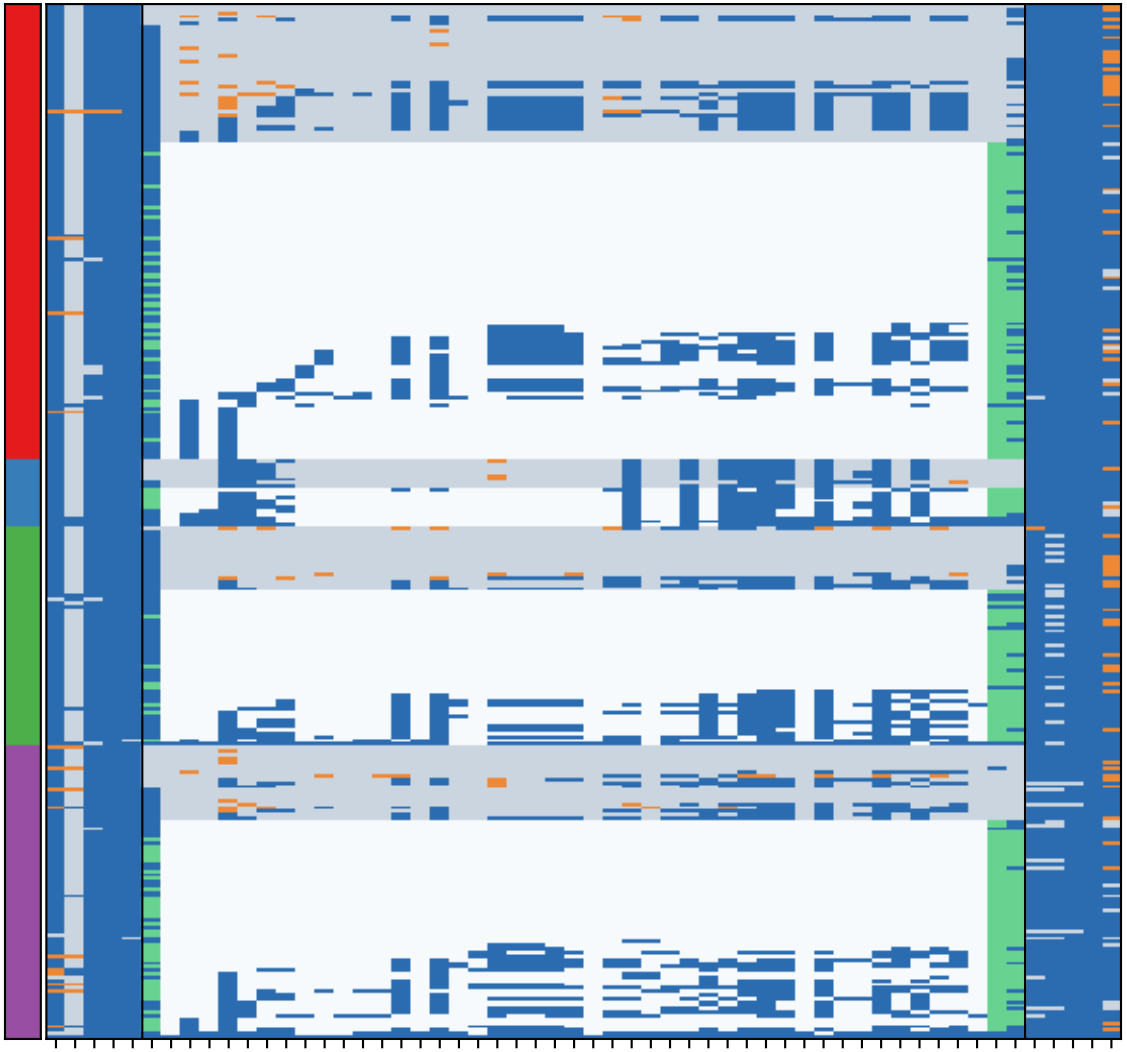
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L118 8 genes content 71% of 293 strains type: content_variants



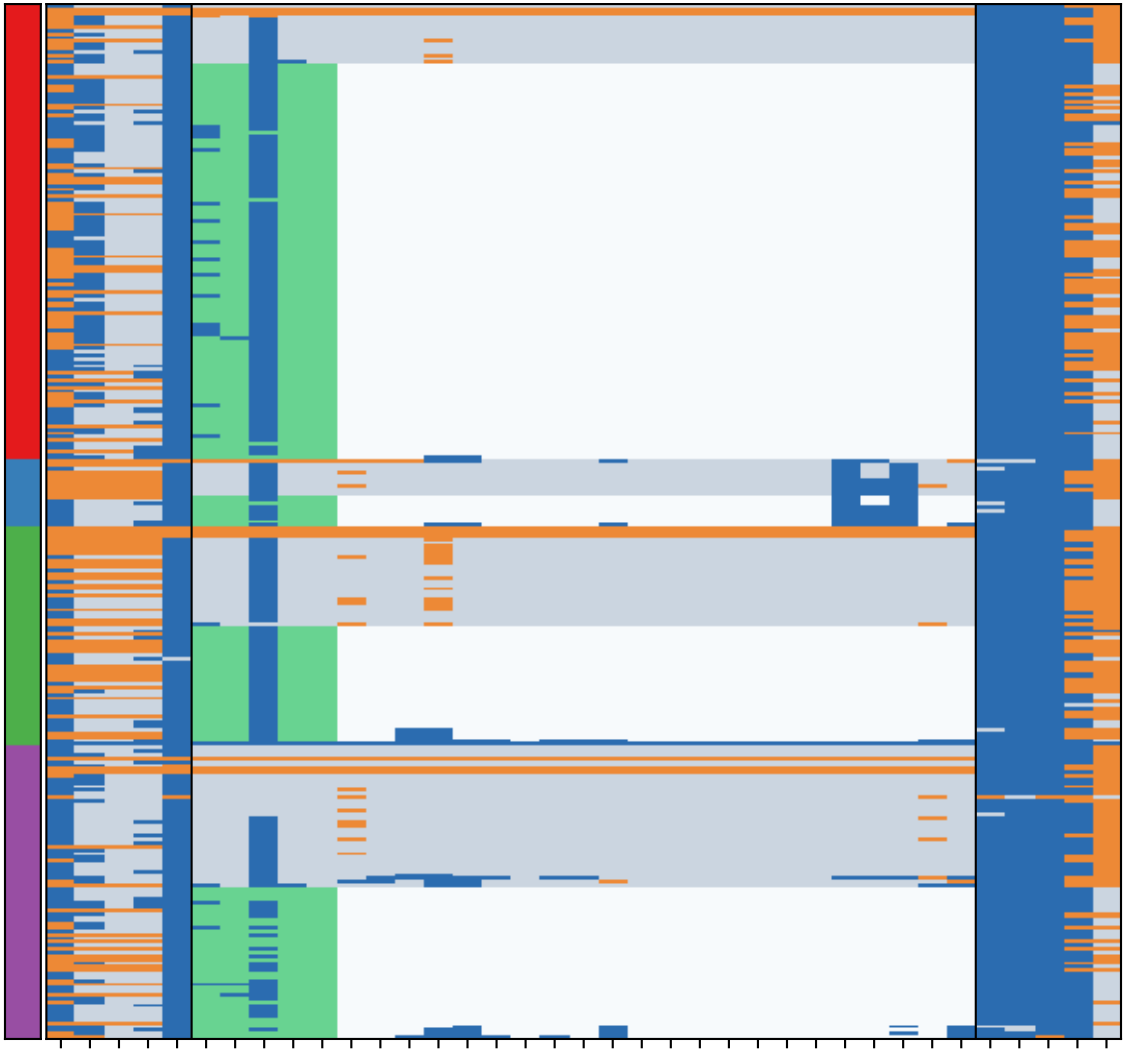
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L119 46 genes content 7% of 293 strains type: rare_content Starship: Osiris-h3

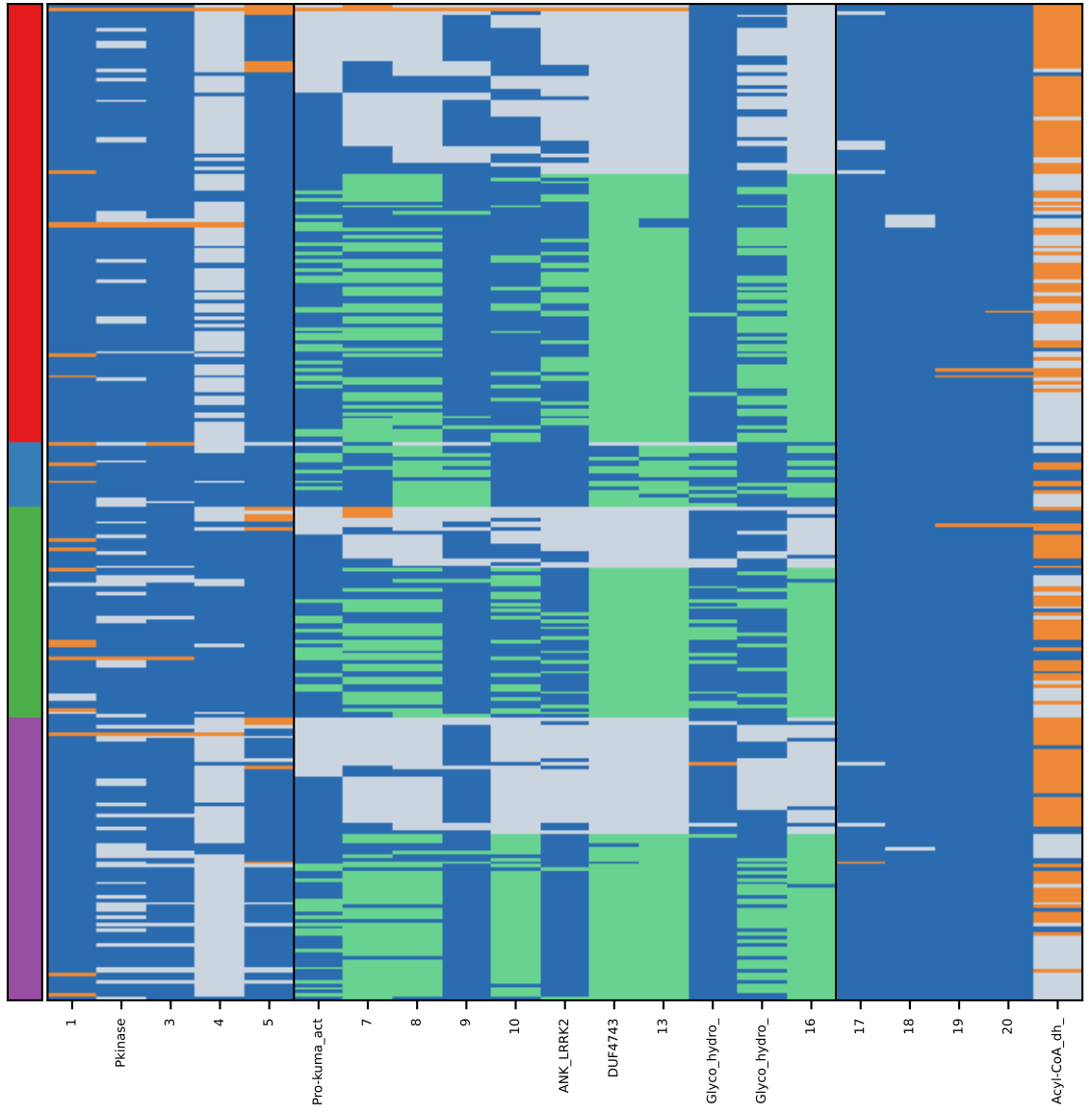


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

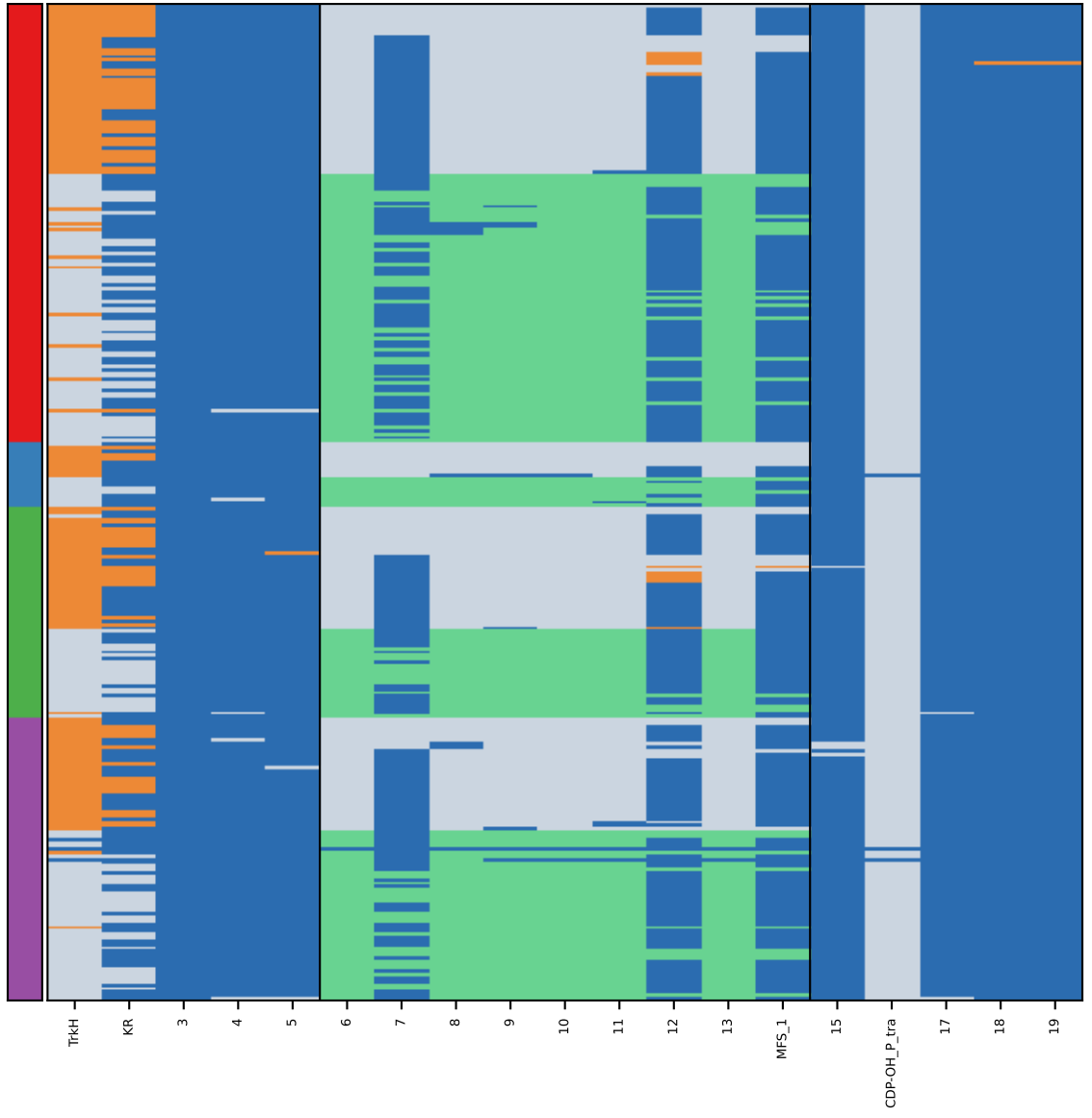
L120 27 genes content 1% of 293 strains type: content_variants Starship: Nebuchadnezzar-h2



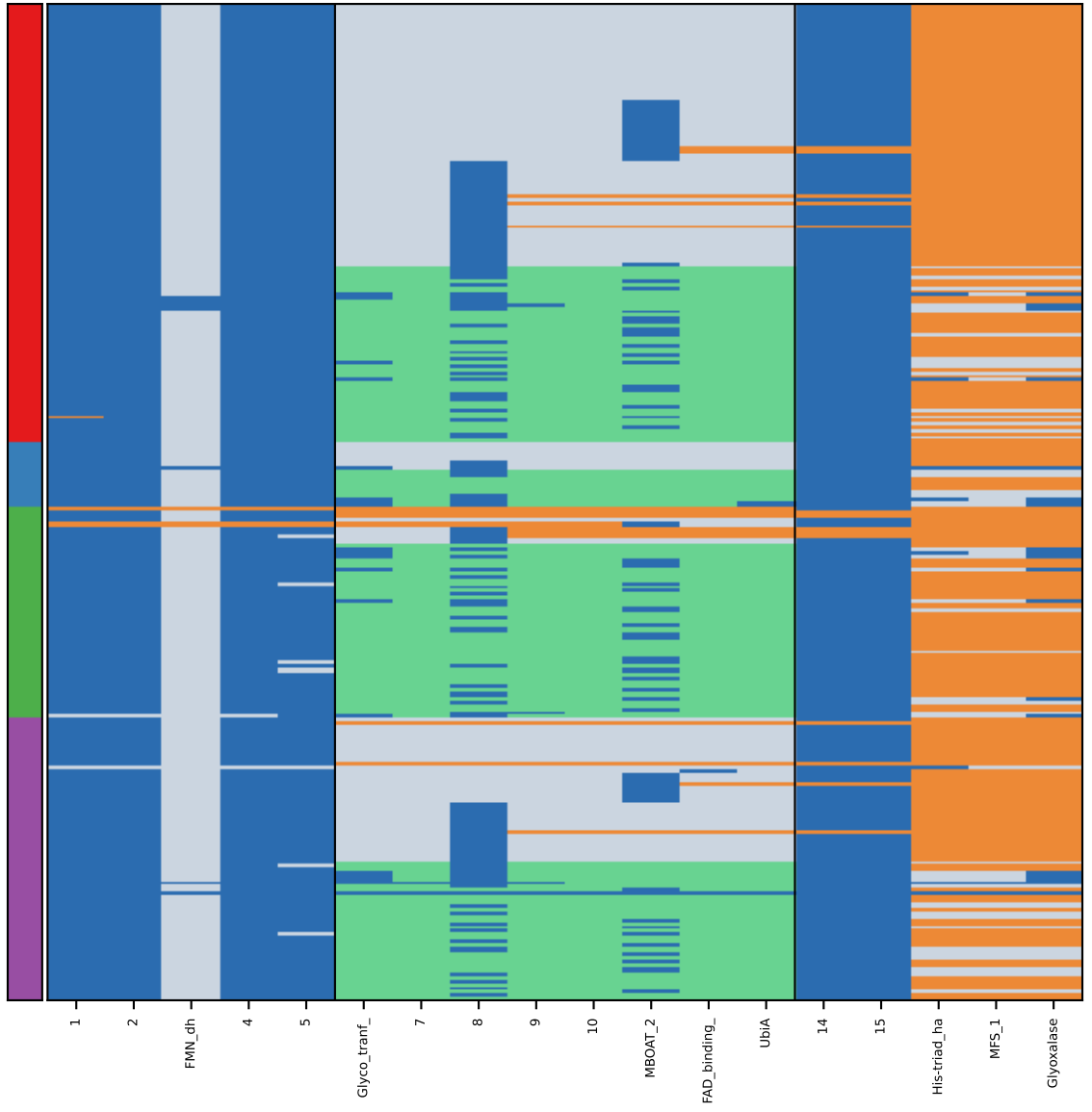
L121 11 genes content 67% of 293 strains type: content_variants



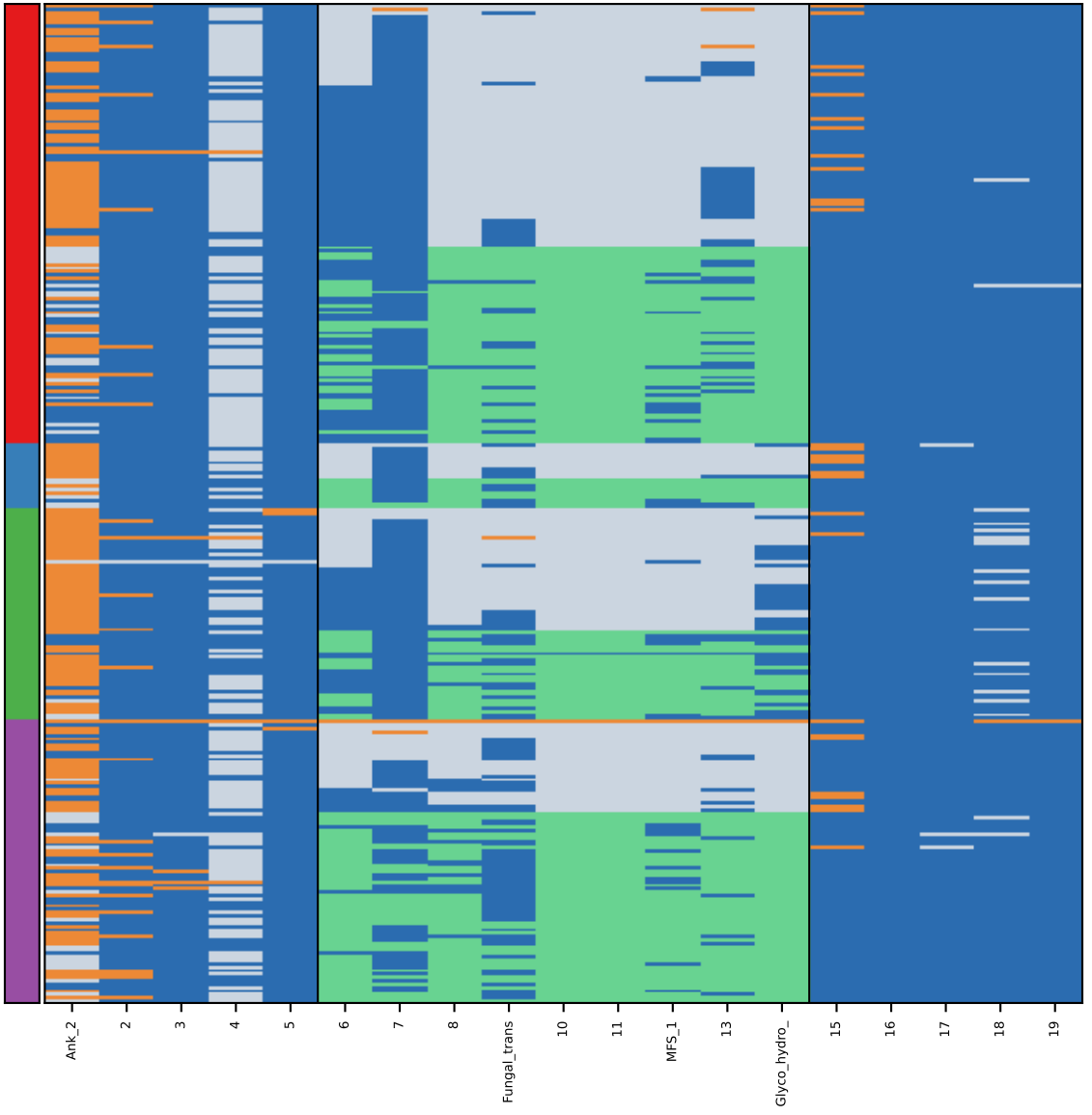
L122 9 genes content 56% of 293 strains type: content_variants



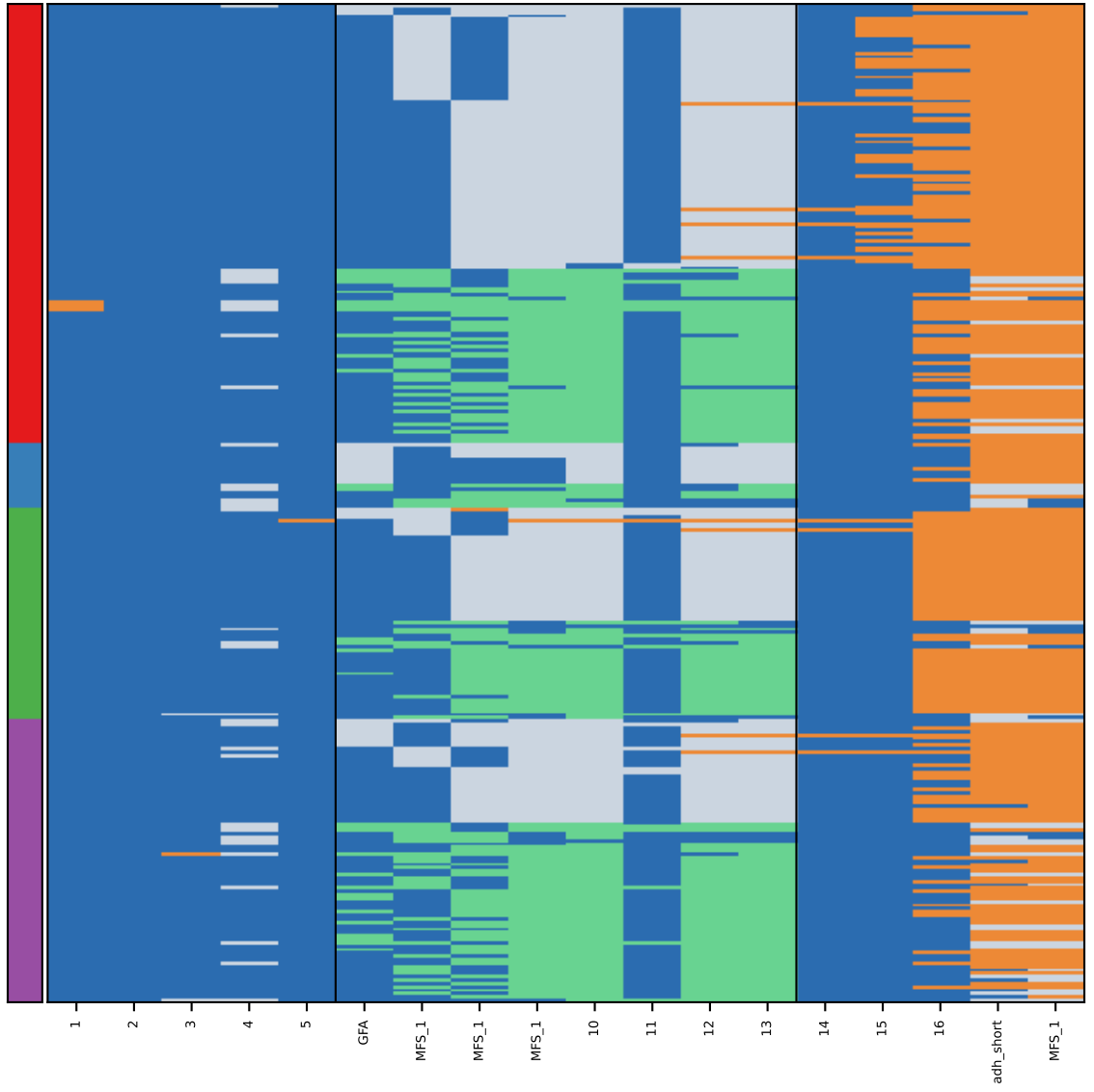
L123 8 genes content 53% of 293 strains type: content_variants



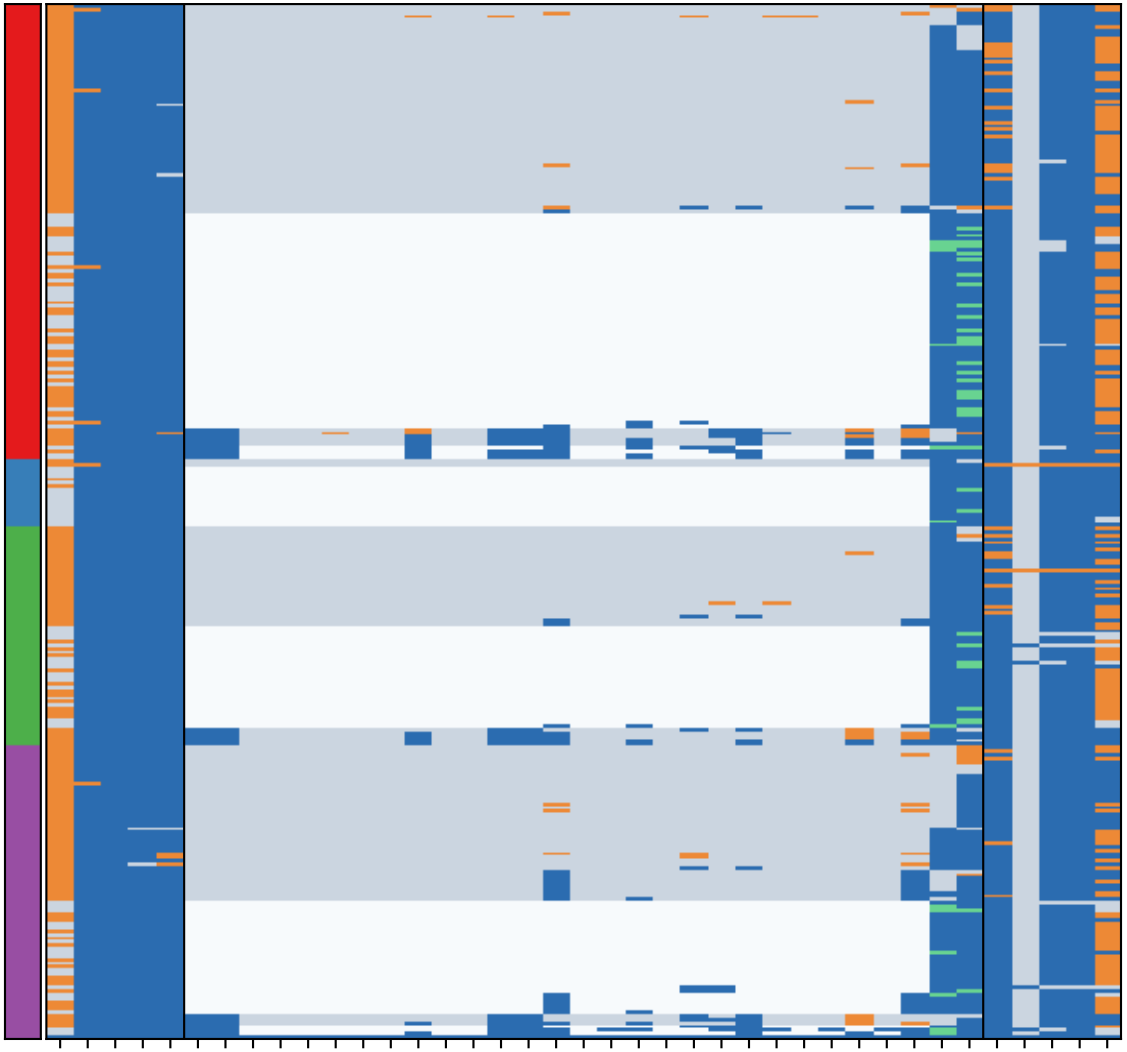
L124 9 genes content 52% of 293 strains type: content_variants



L125 8 genes content 51% of 293 strains type: unresolved

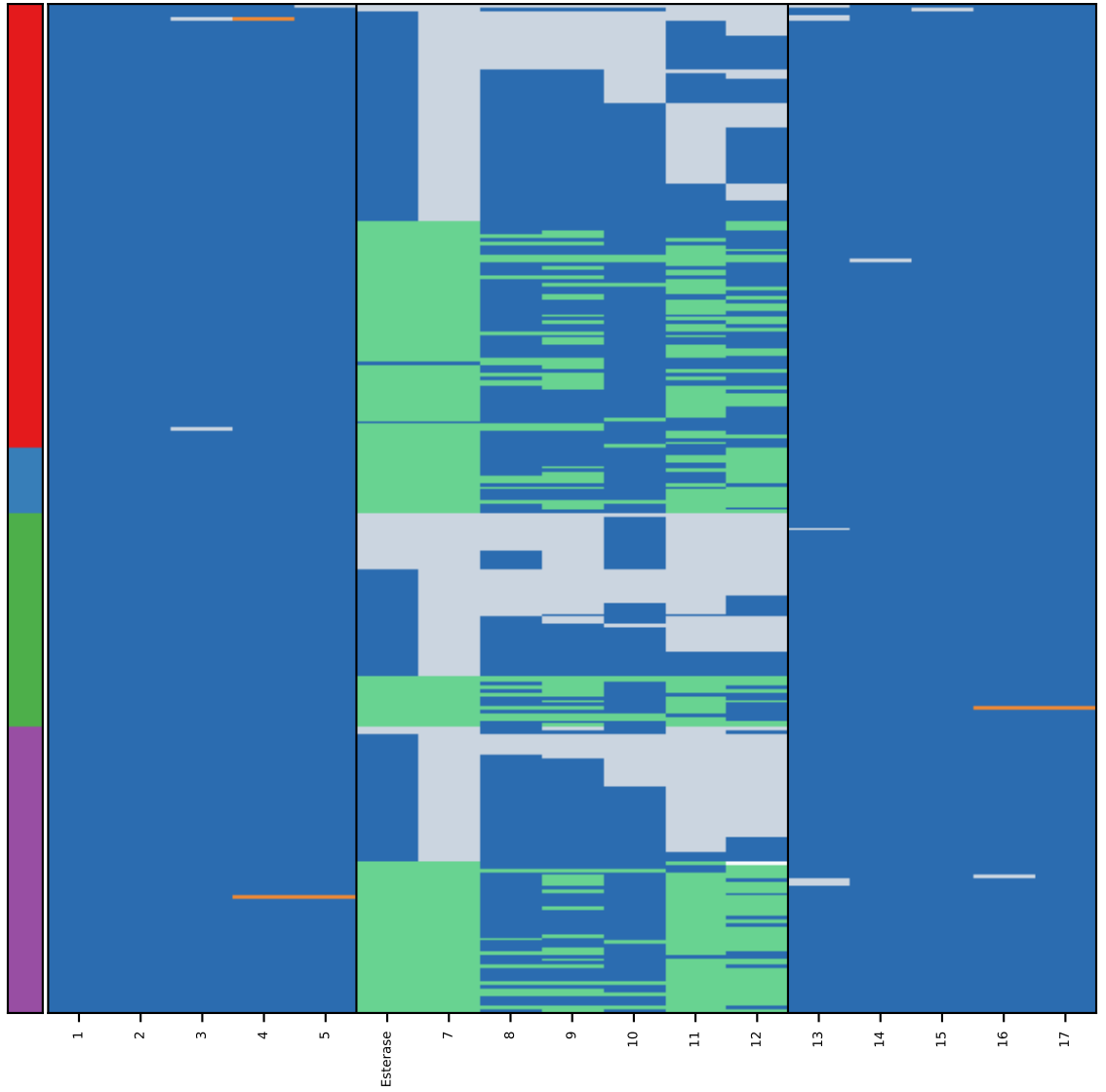


L126 29 genes content 1% of 293 strains type: content_variants Starship: Lamia-h4

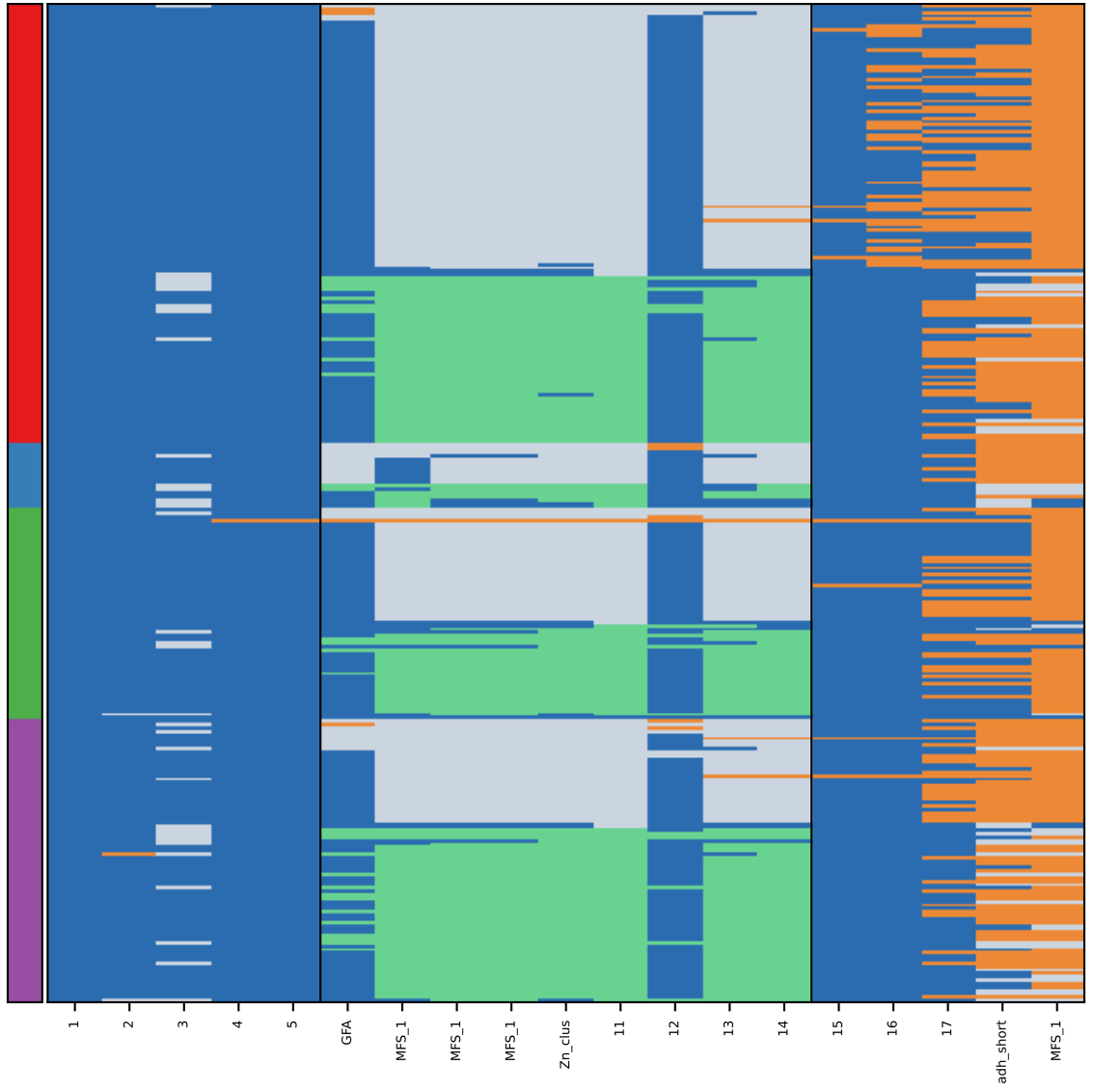


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

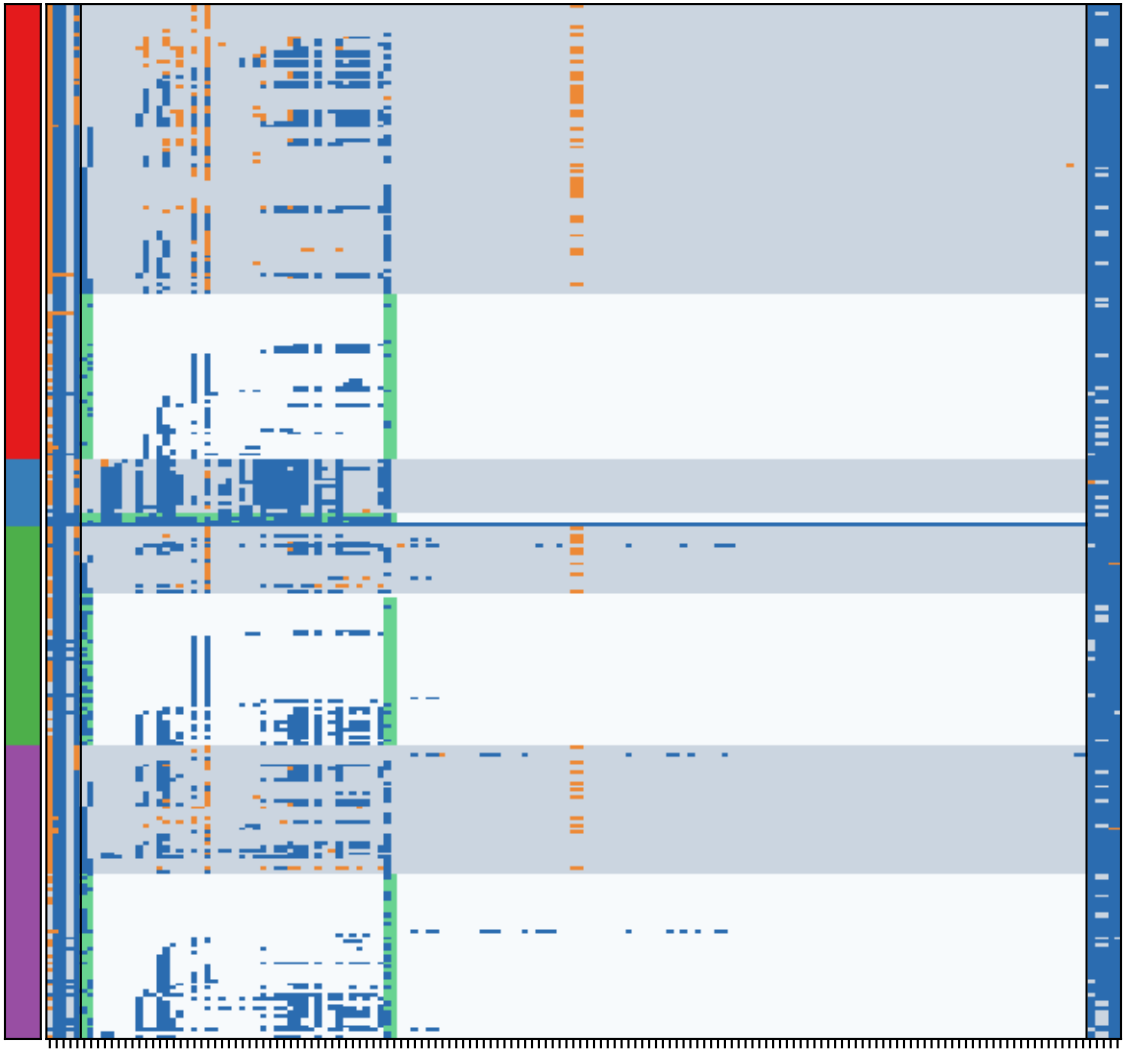
L127 7 genes content 77% of 293 strains type: content_variants



L128 9 genes content 48% of 293 strains type: unresolved

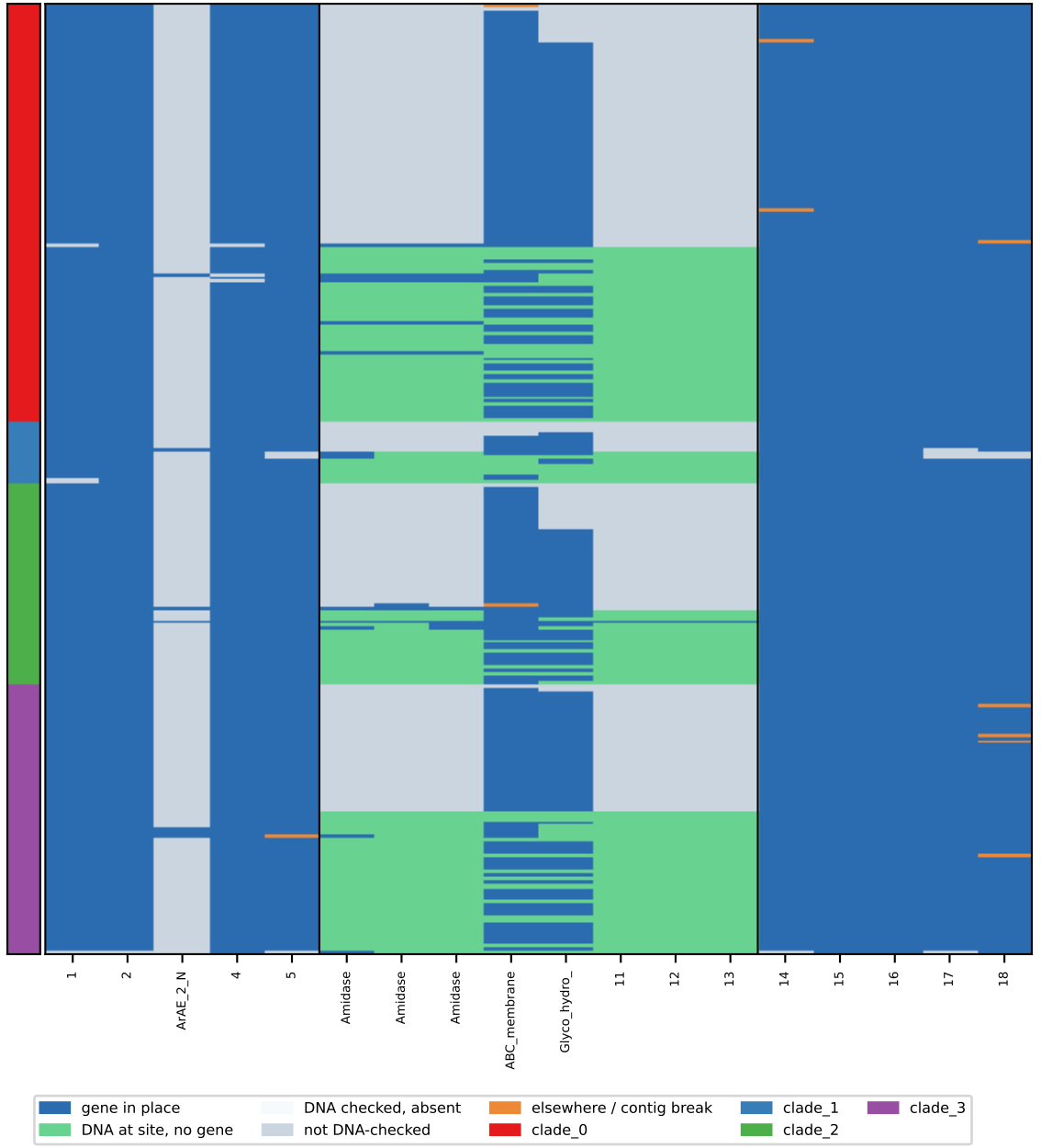


L129 146 genes content 0% of 293 strains type: unresolved Starship: Osiris-h3

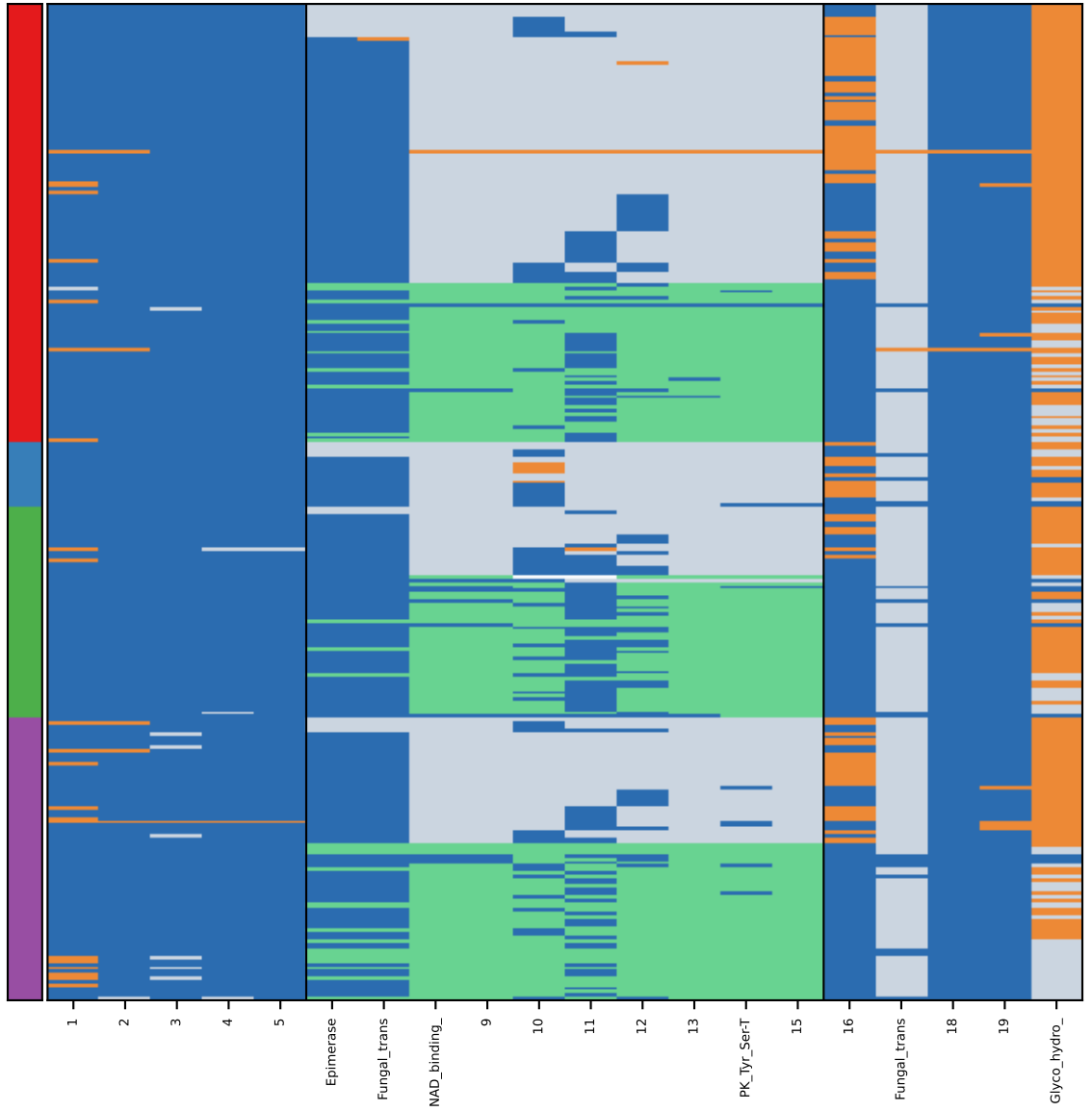


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

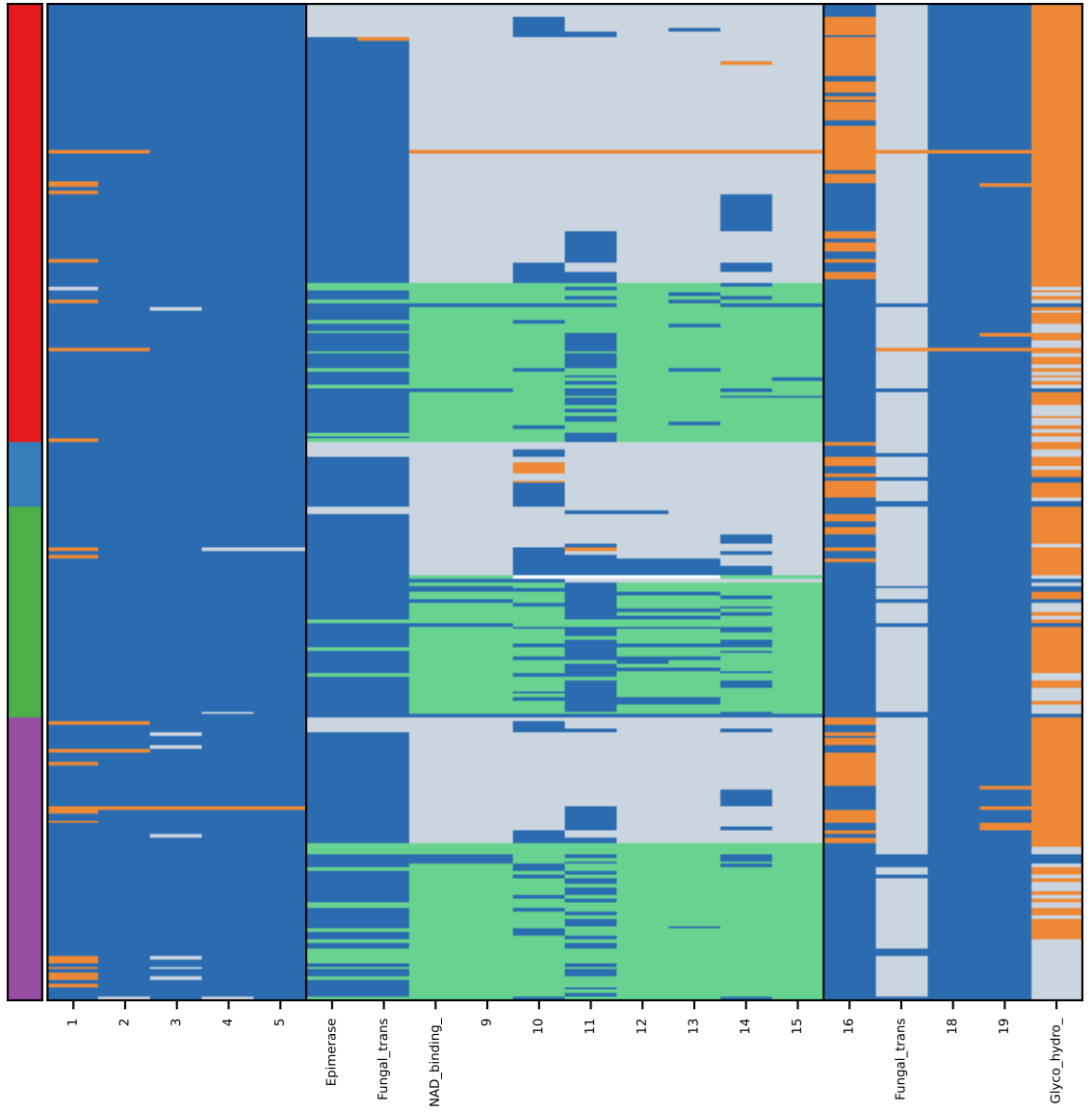
L130 8 genes content 45% of 293 strains type: unresolved



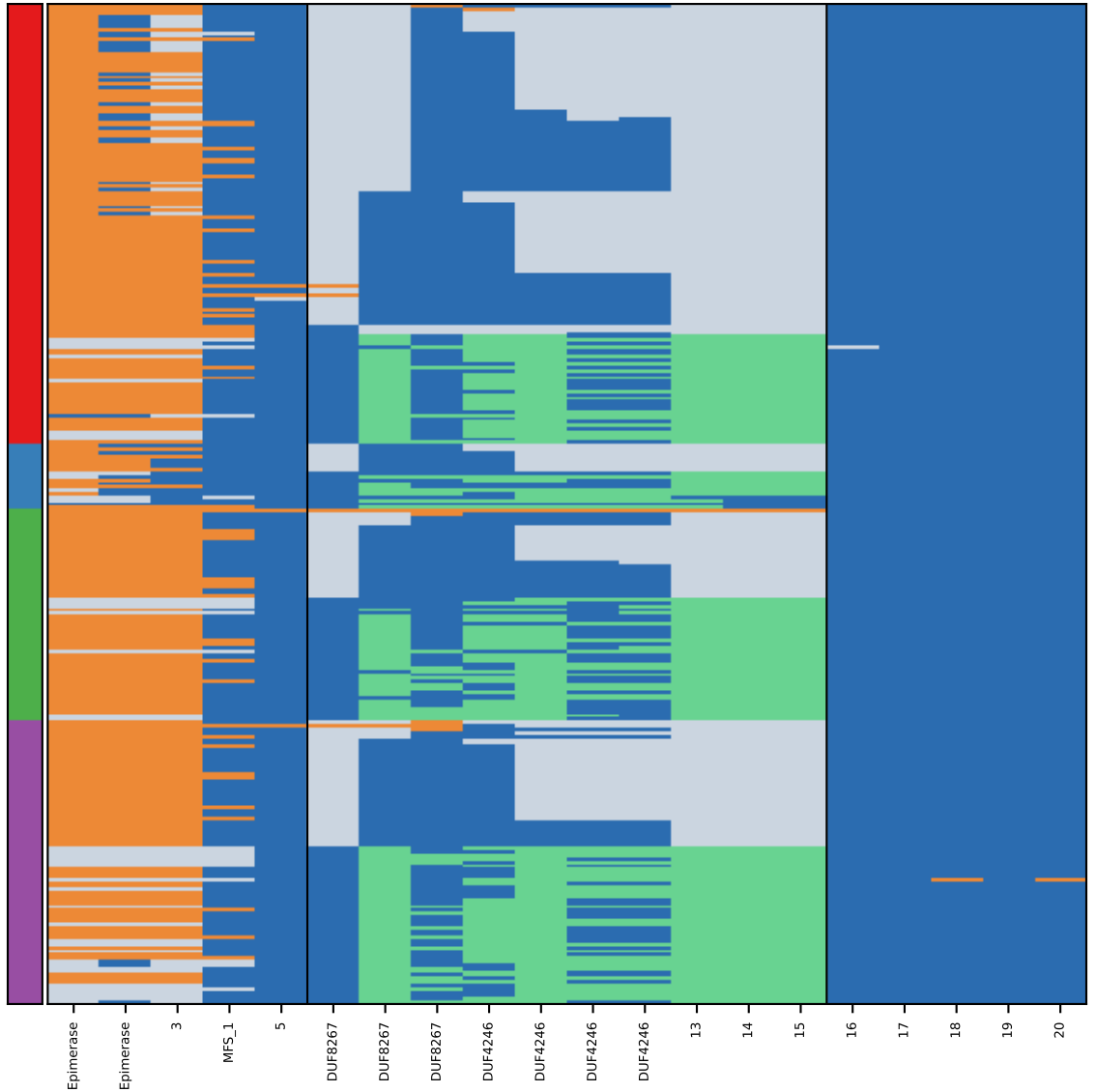
L131 10 genes content 47% of 293 strains type: unresolved



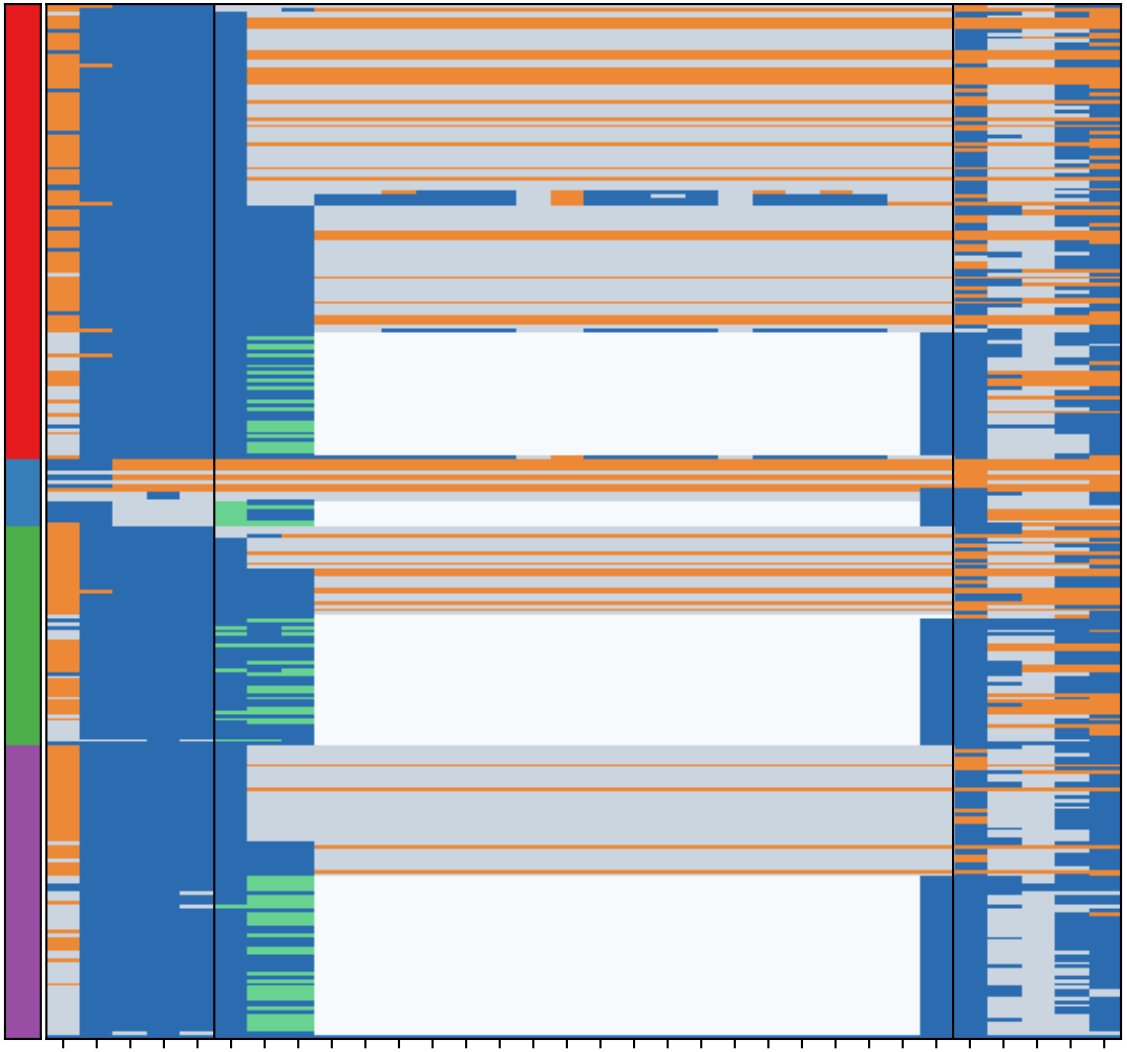
L132 10 genes content 48% of 293 strains type: unresolved



L133 10 genes content 63% of 293 strains type: content_variants

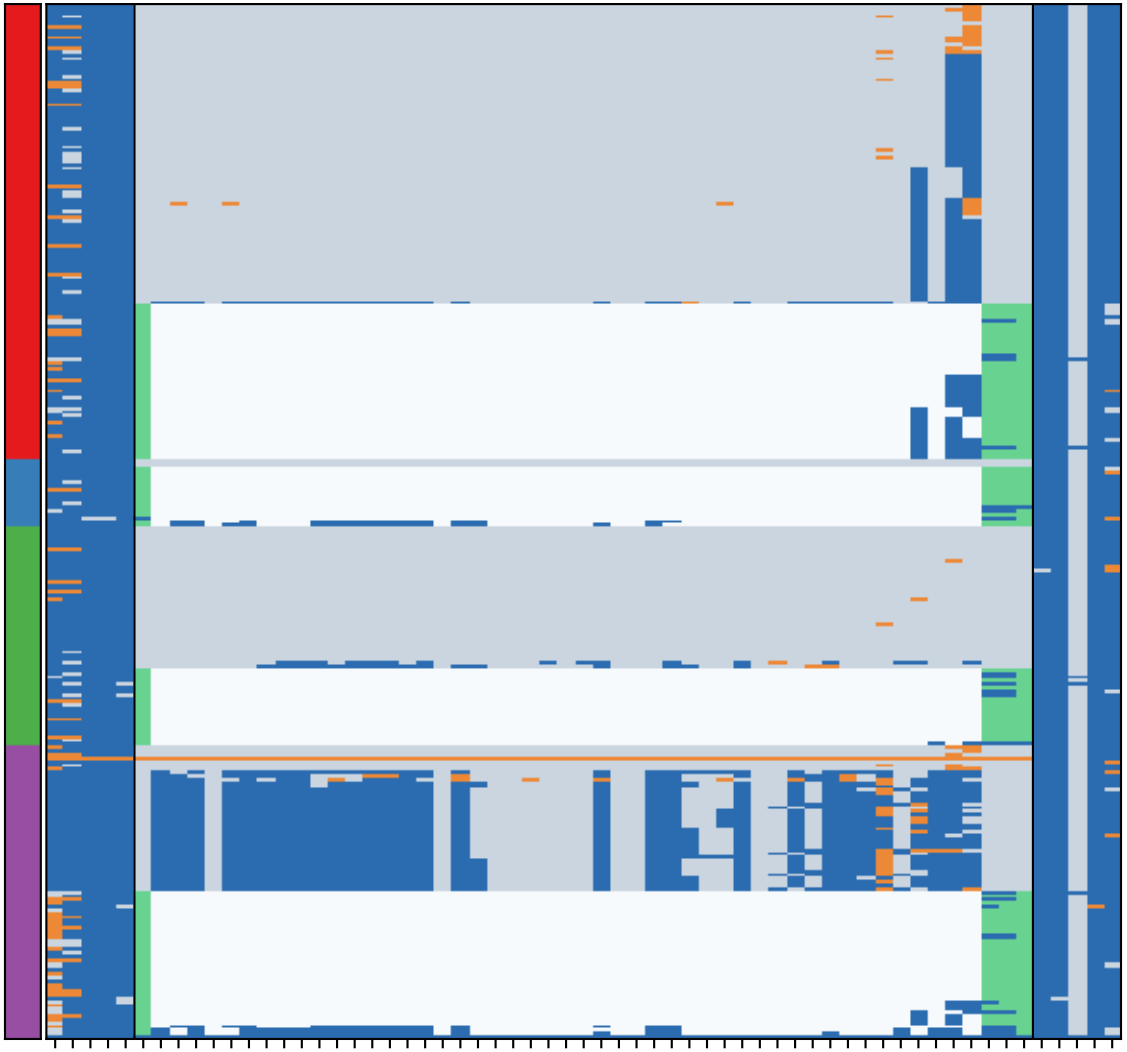


L134 22 genes content 2% of 293 strains type: unresolved



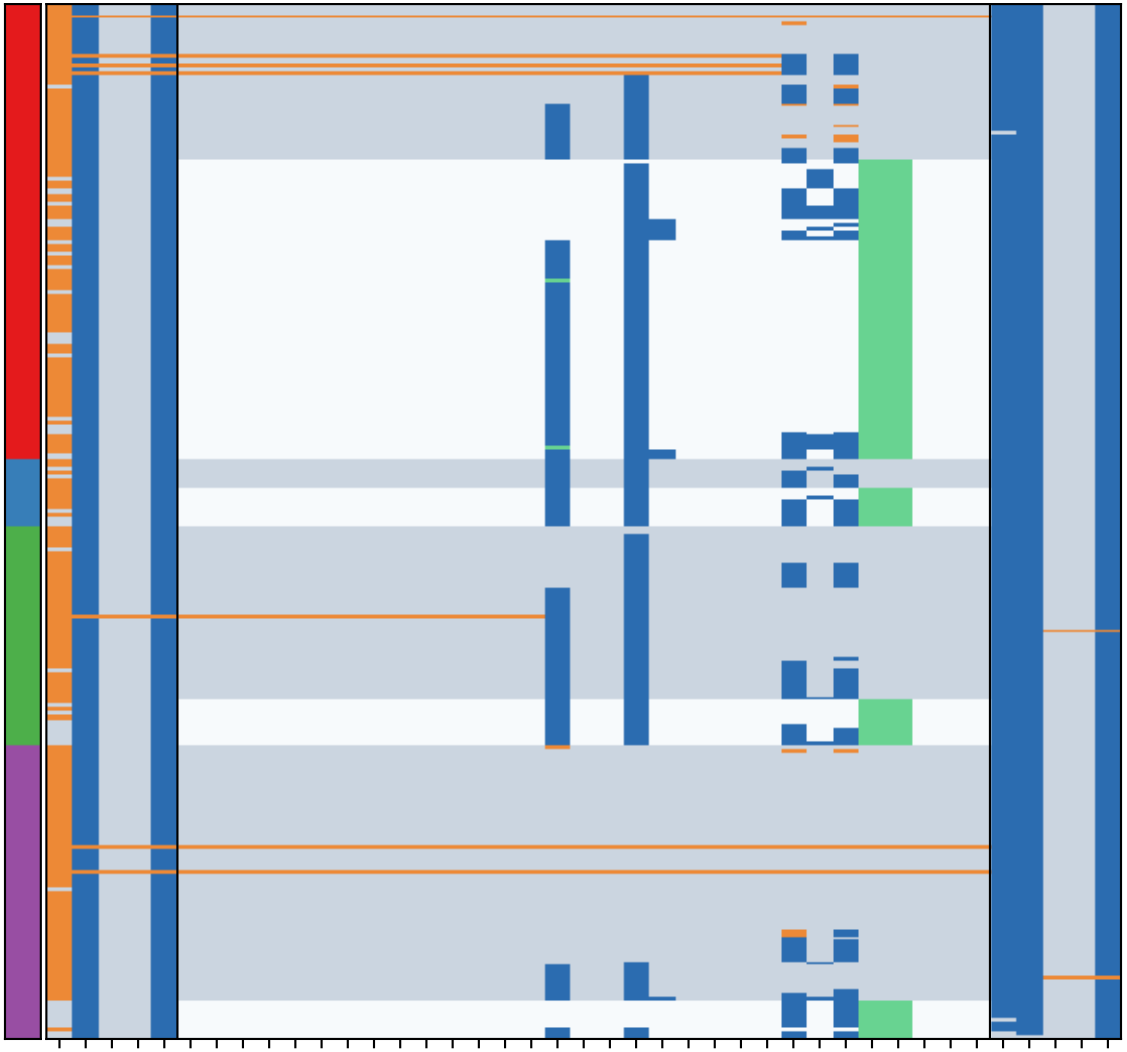
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L135 51 genes content 12% of 293 strains type: swap_candidate



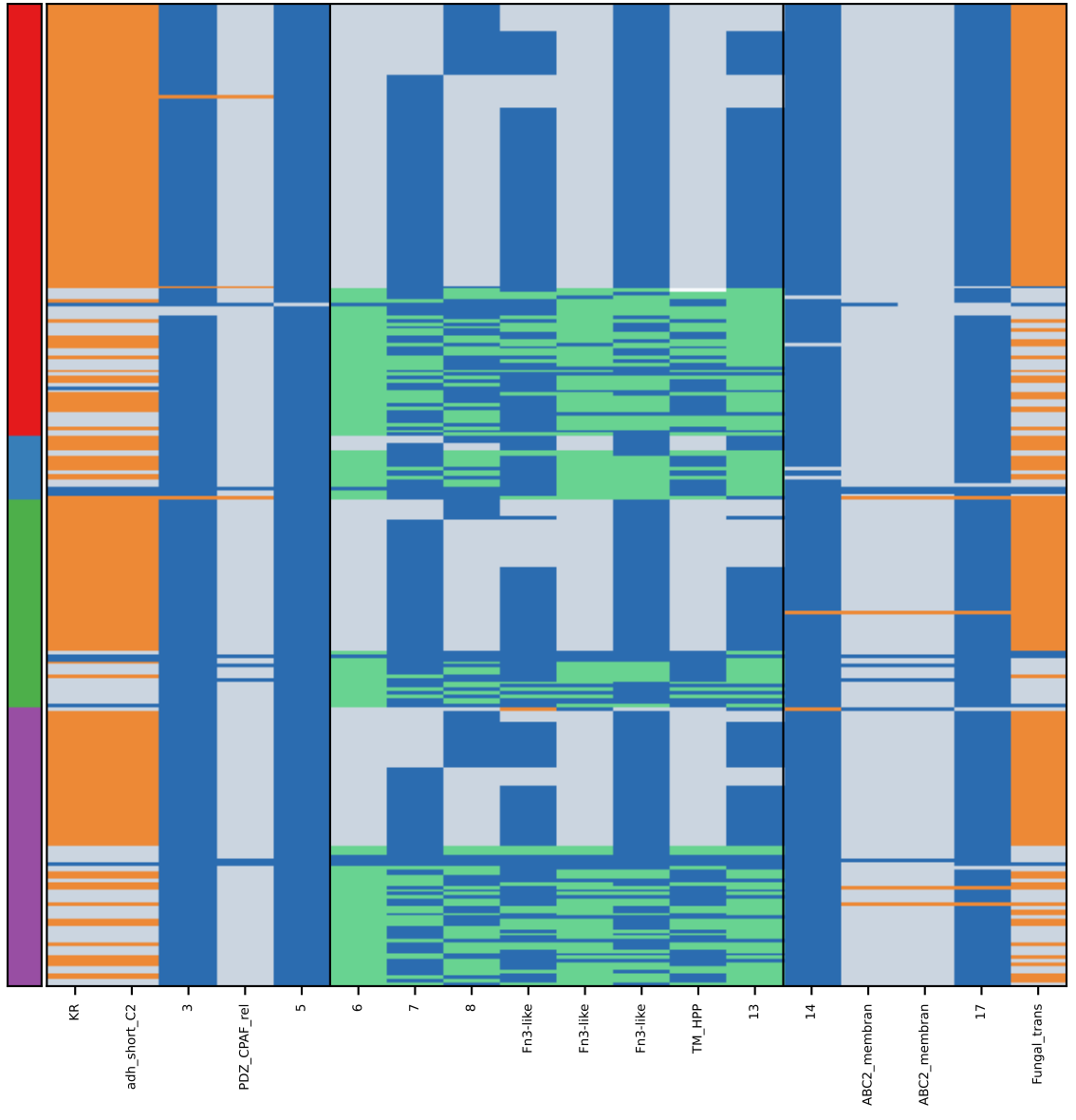
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L136 31 genes content 0% of 293 strains type: unresolved

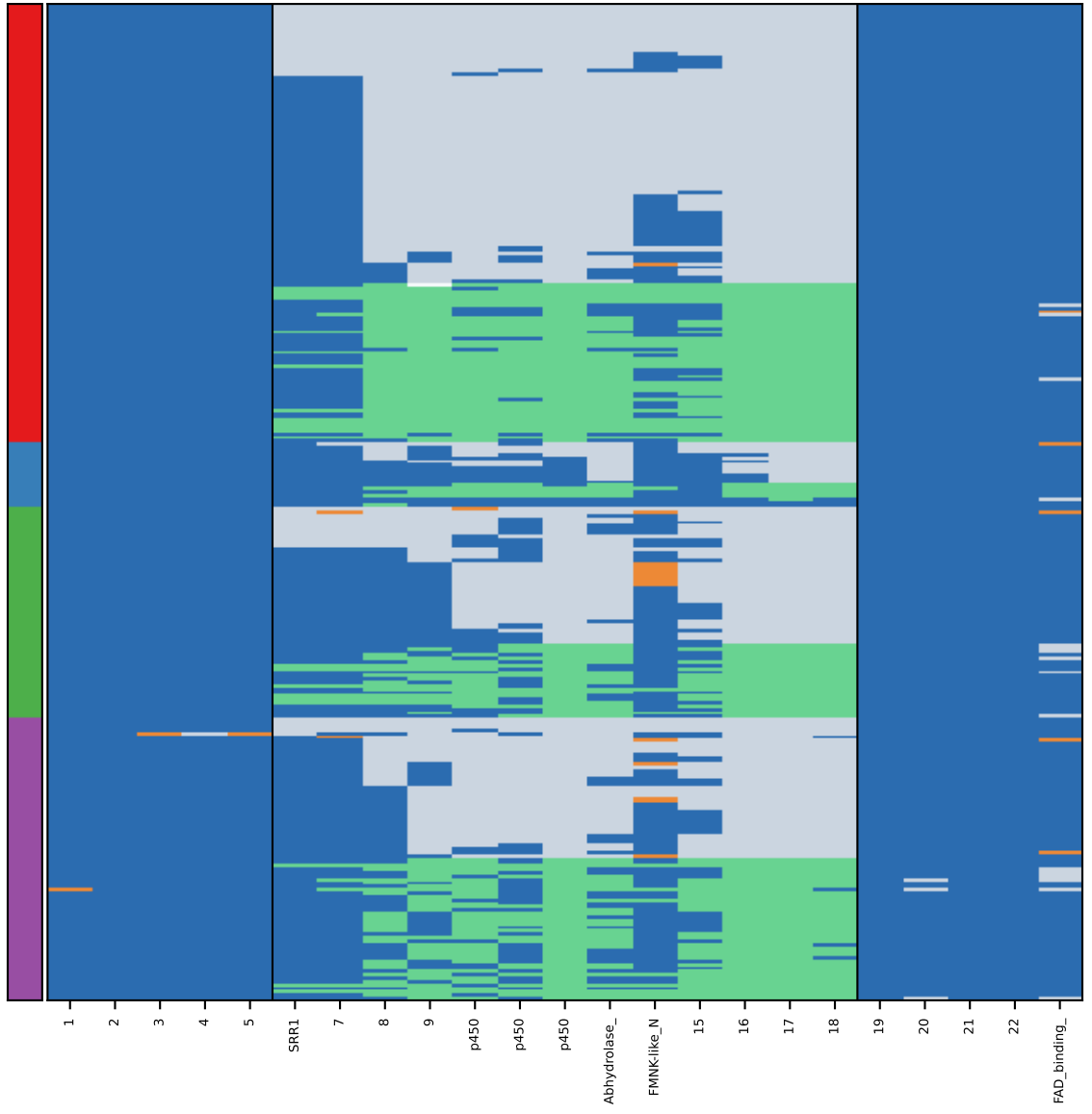


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

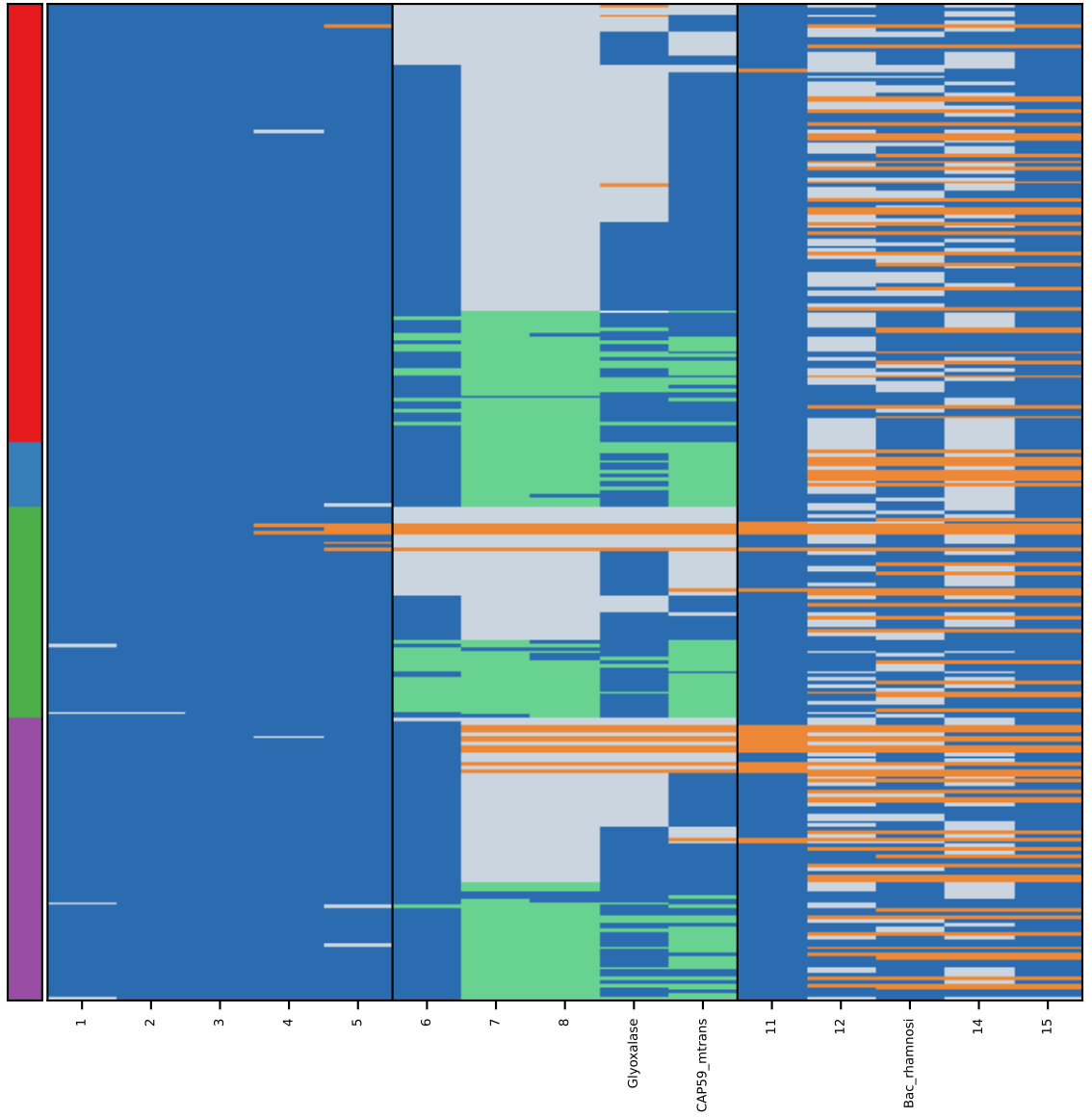
L137 8 genes content 84% of 293 strains type: unresolved



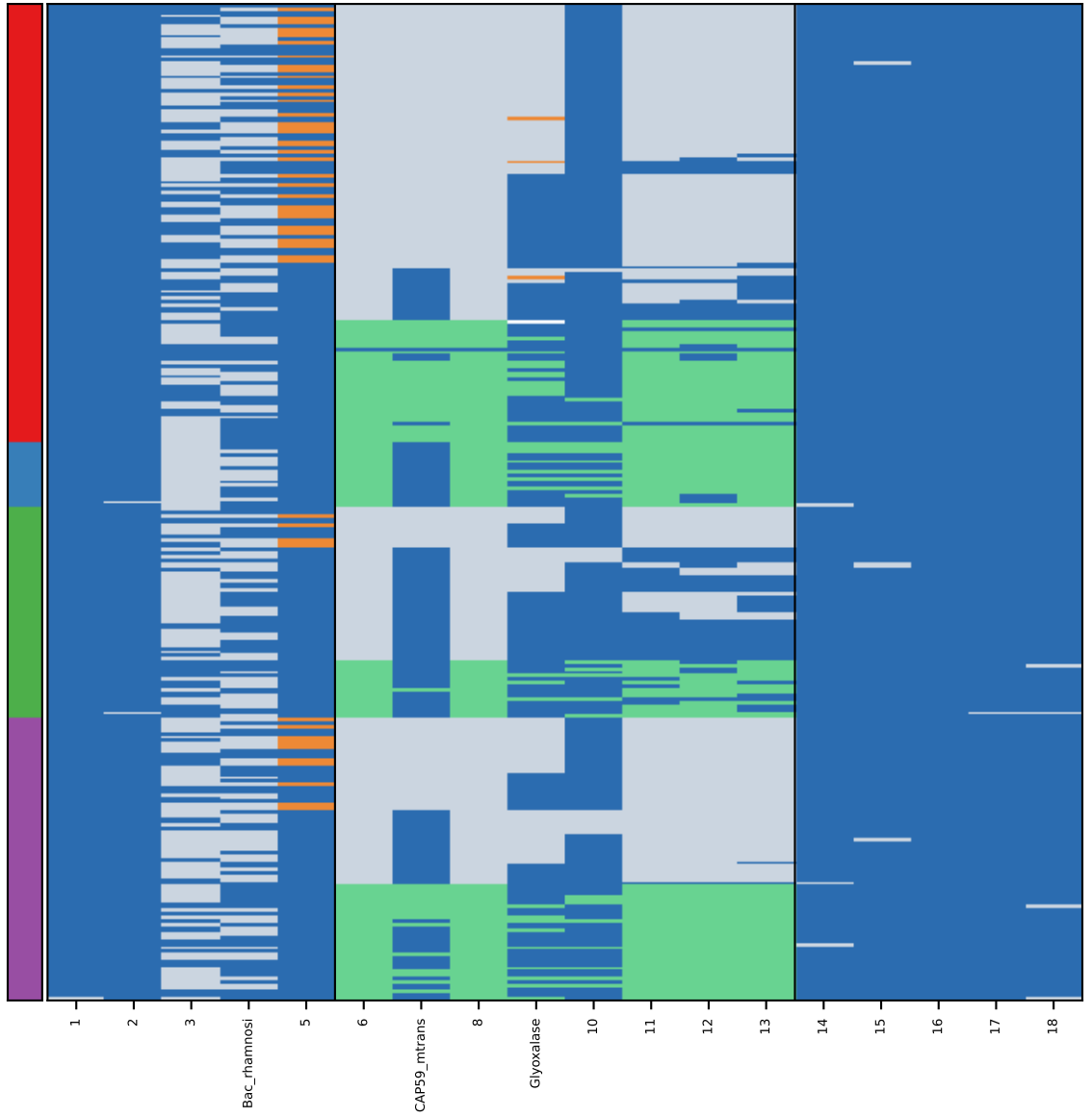
L138 13 genes content 46% of 293 strains type: unresolved



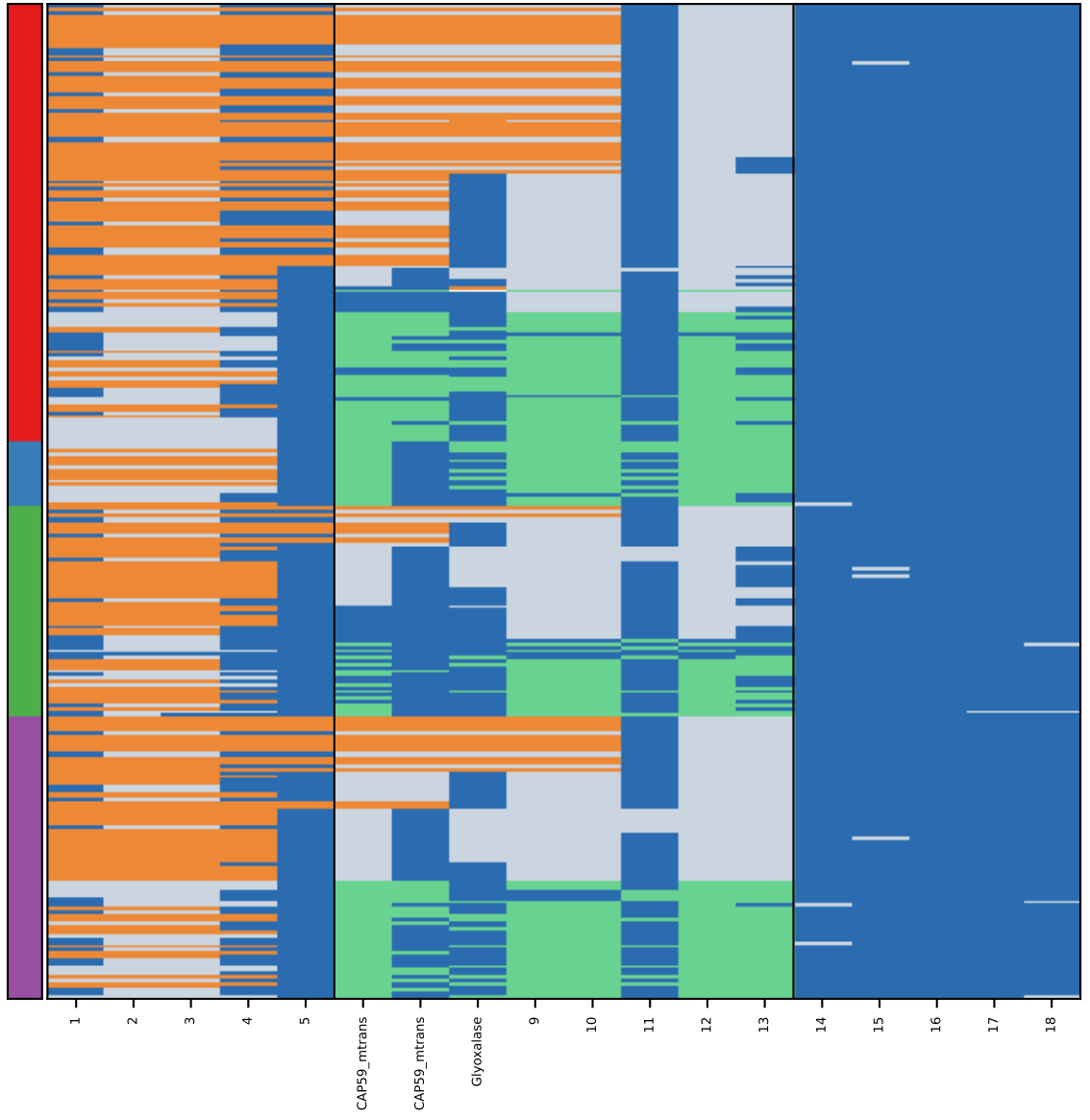
L139 7 genes content 55% of 293 strains type: content_variants



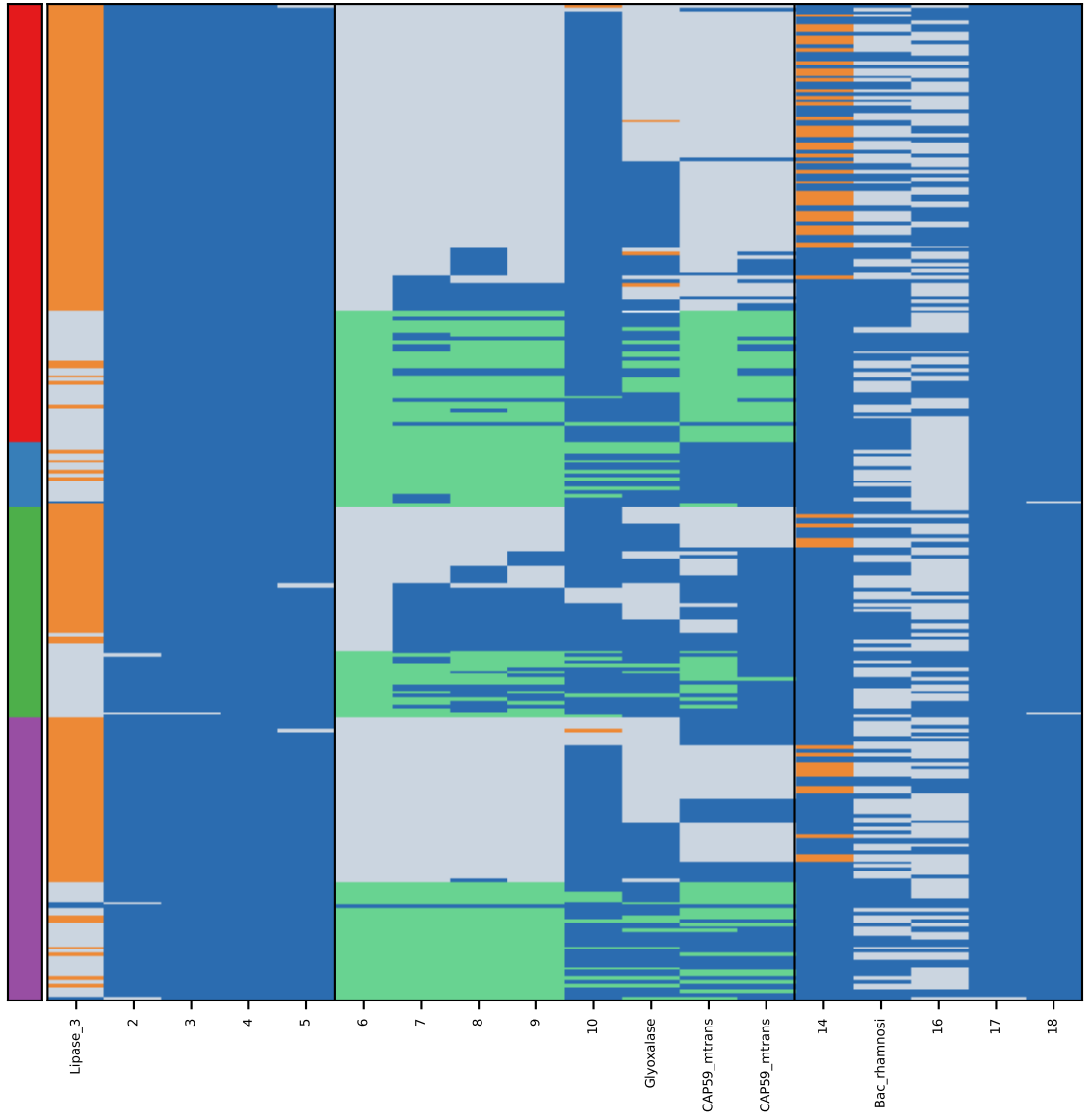
L140 8 genes content 52% of 293 strains type: unresolved



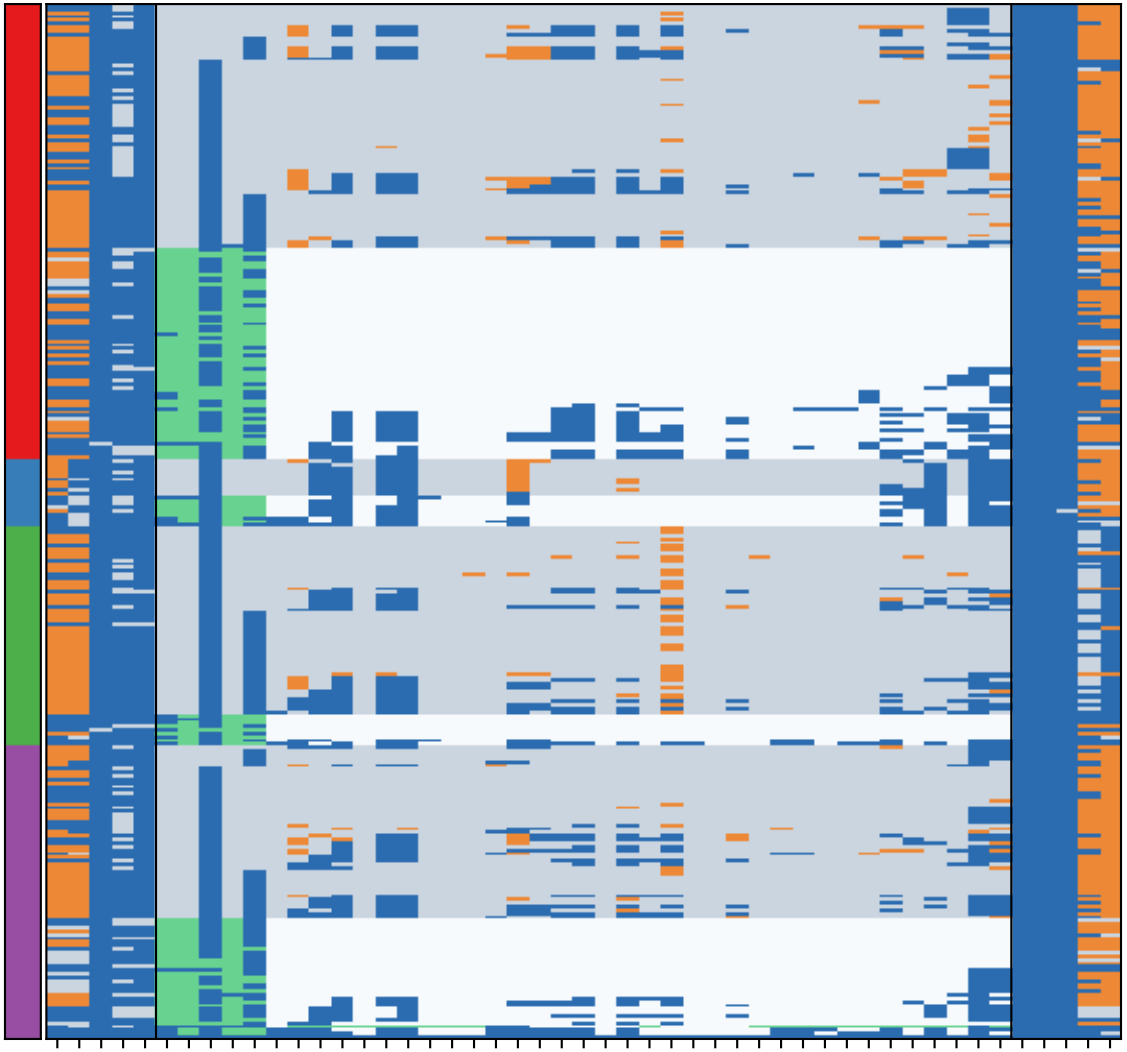
L141 8 genes content 46% of 293 strains type: unresolved



L142 8 genes content 55% of 293 strains type: unresolved

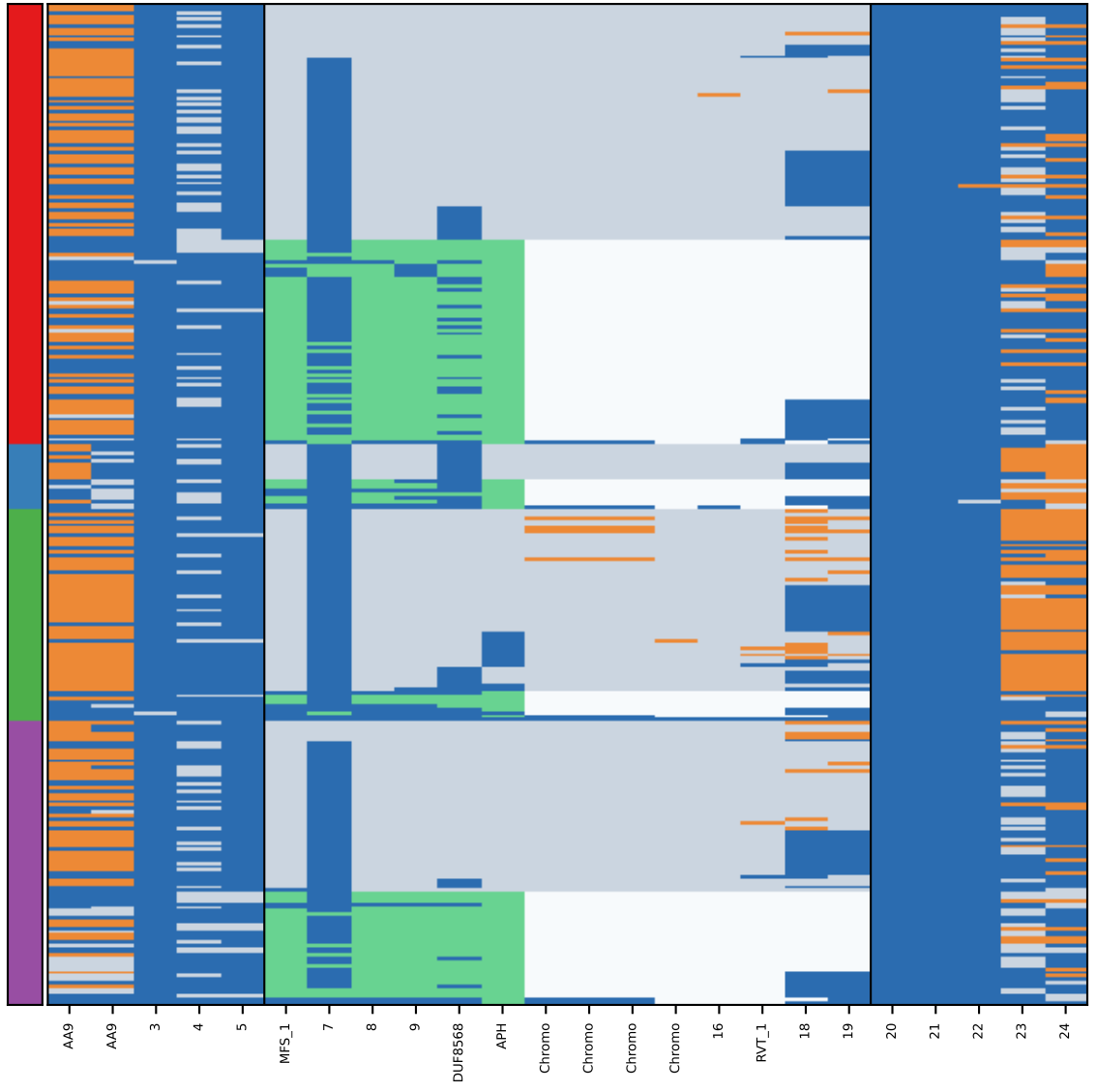


L143 39 genes content 2% of 293 strains type: unresolved Starship: Osiris-h3

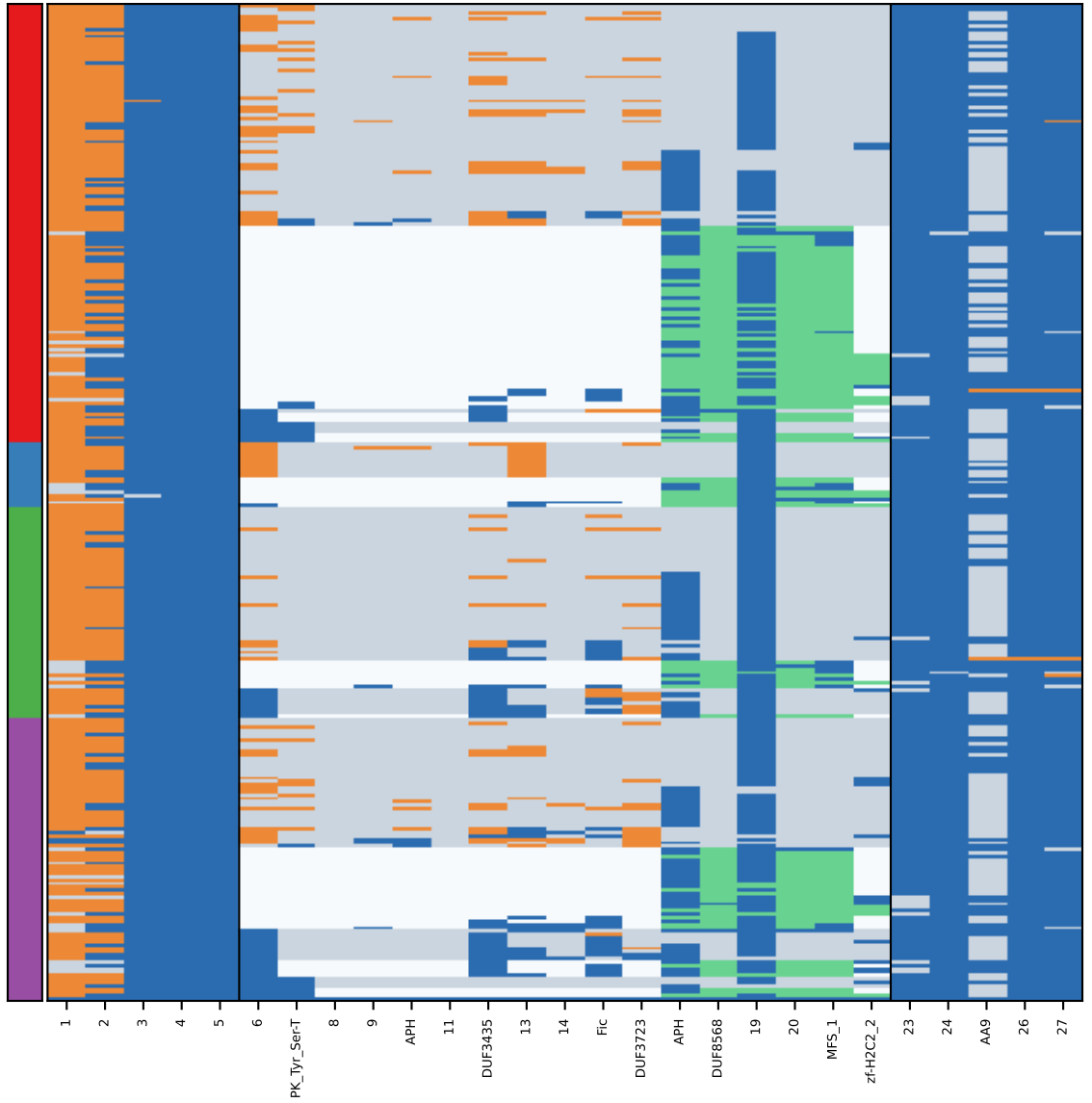


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

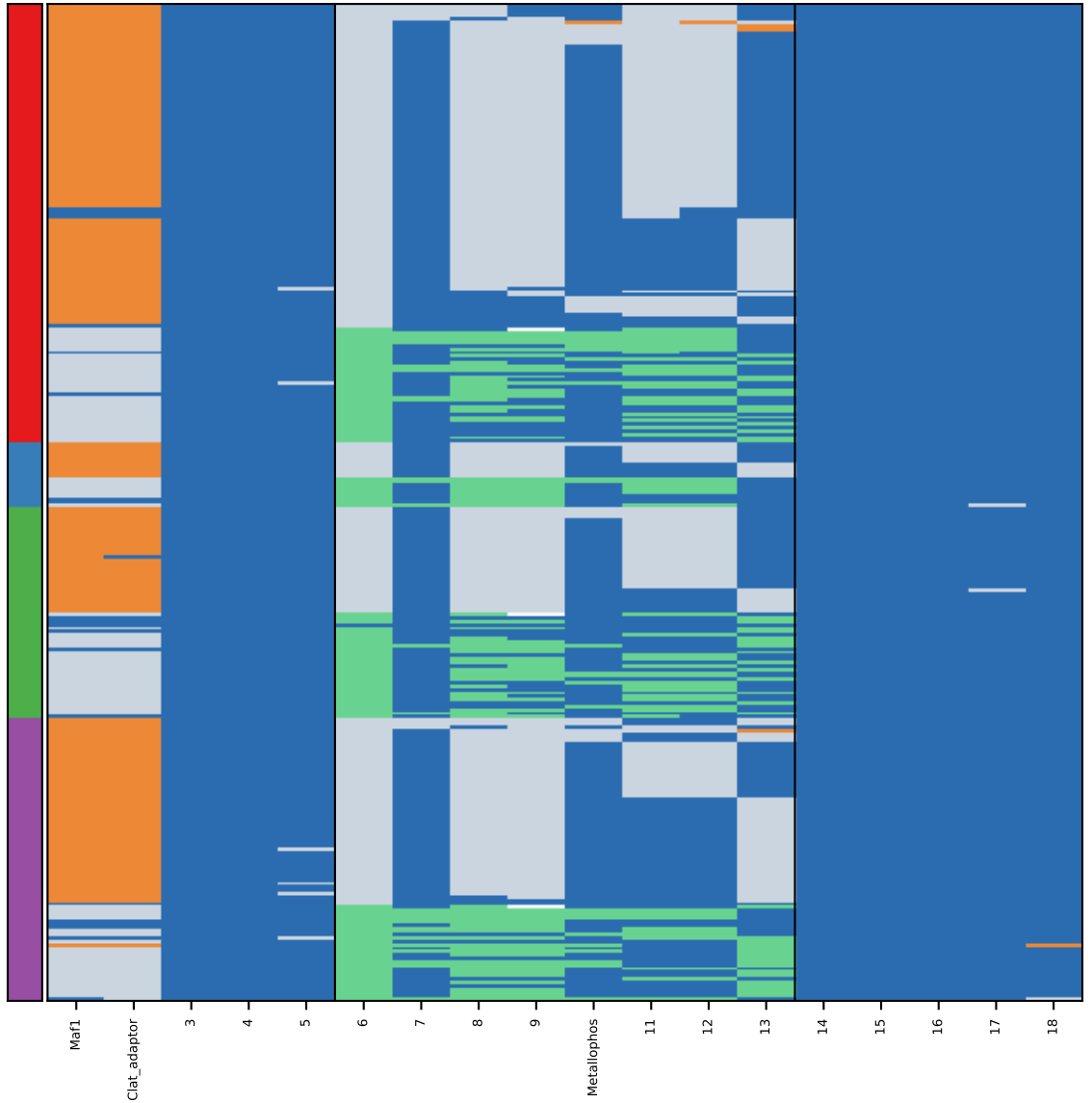
L144 14 genes content 11% of 293 strains type: unresolved



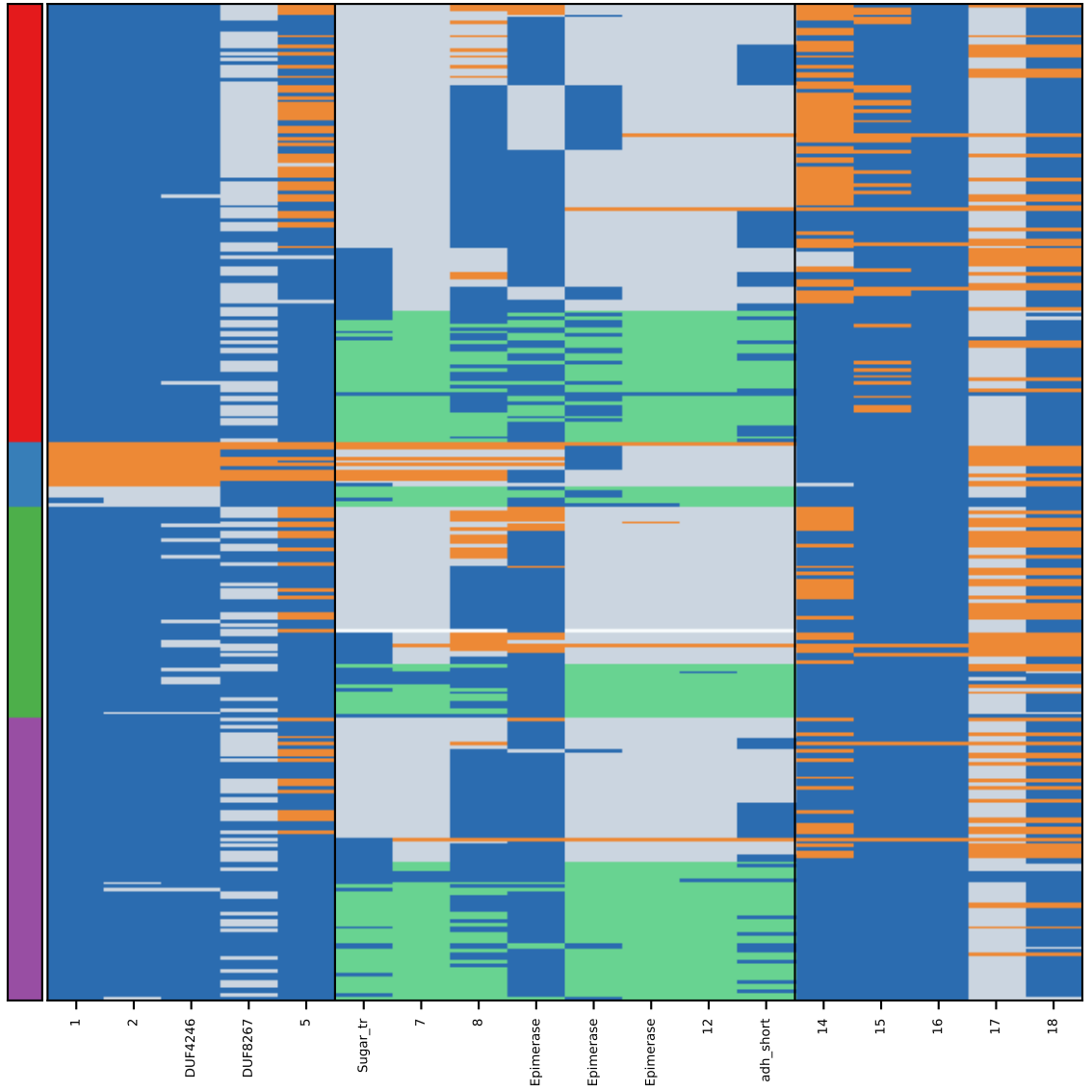
L145 17 genes content 2% of 293 strains type: unresolved Starship: Osiris-h3



L146 8 genes content 61% of 293 strains type: unresolved

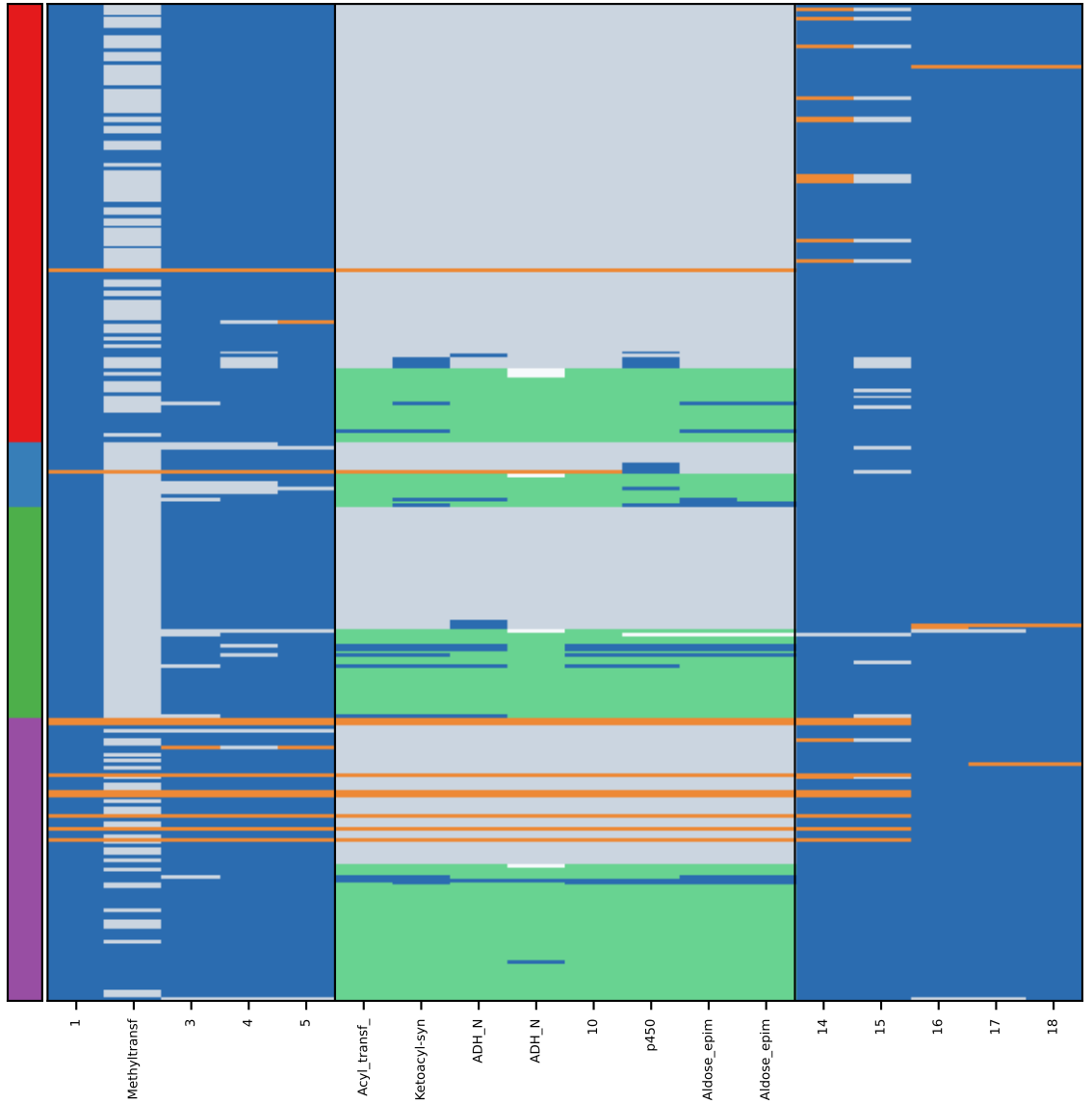


L147 8 genes content 36% of 293 strains type: unresolved



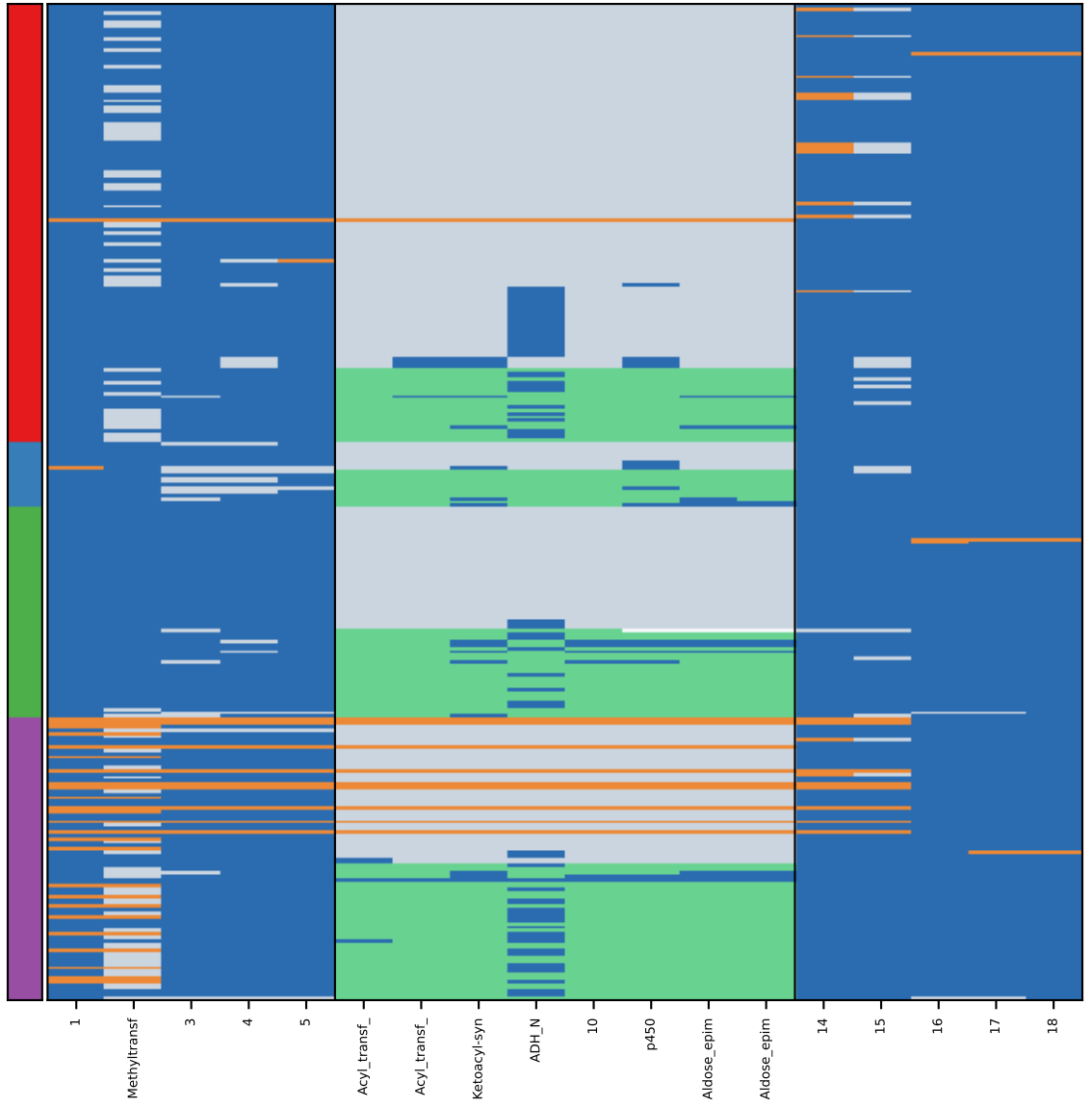
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L148 8 genes content 33% of 293 strains type: unresolved

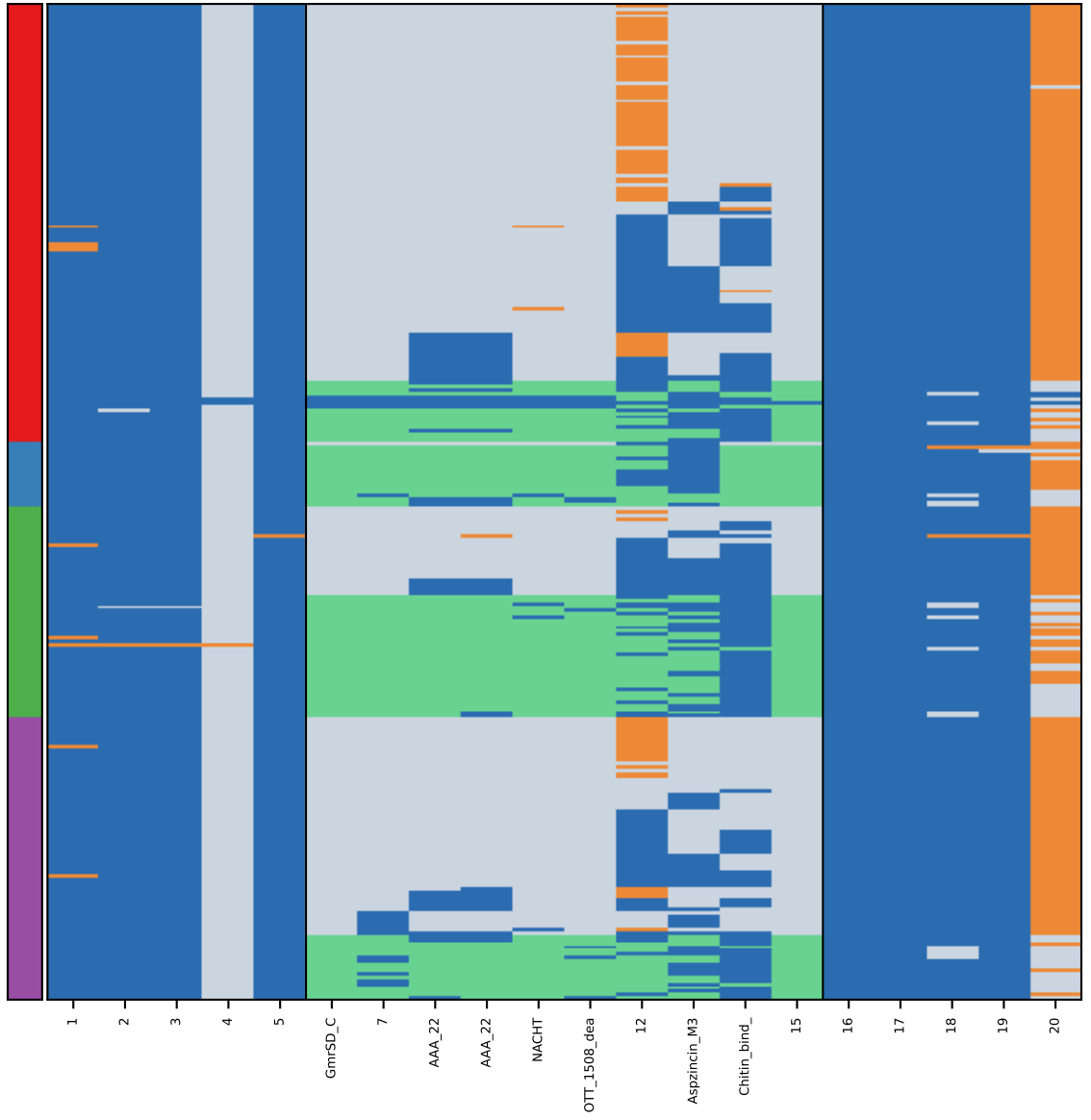


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

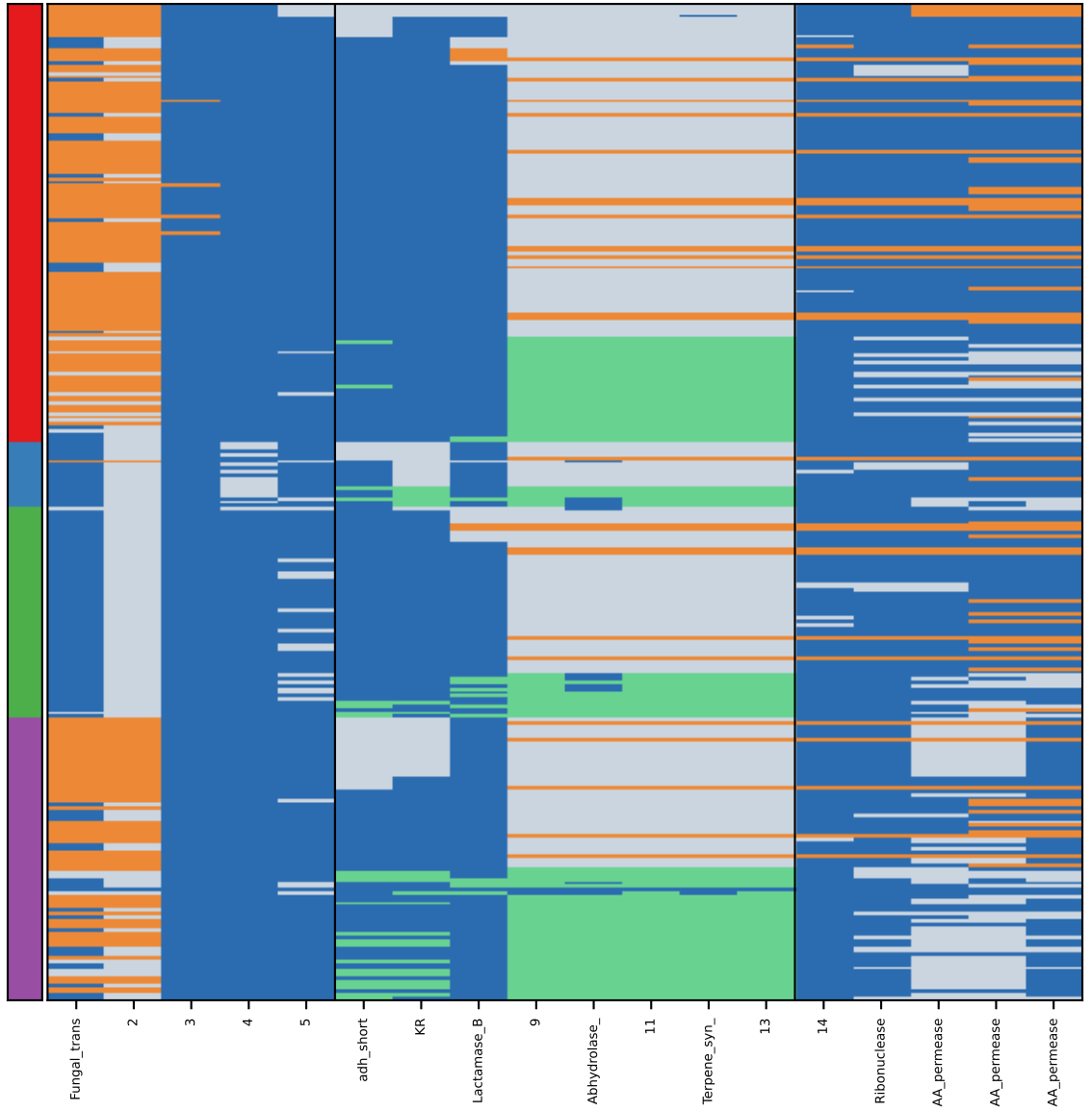
L149 8 genes content 34% of 293 strains type: unresolved



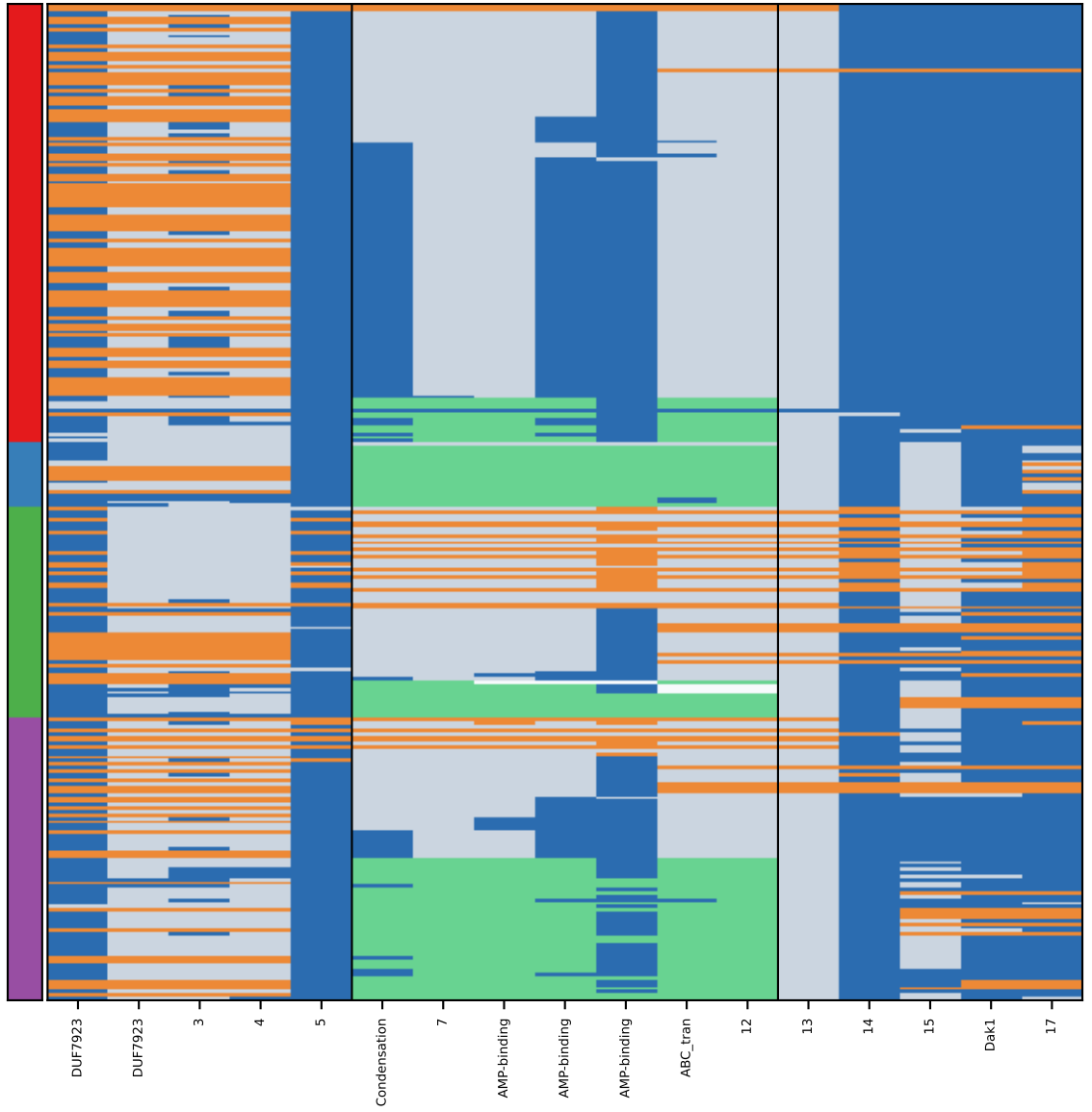
L150 10 genes content 34% of 293 strains type: unresolved



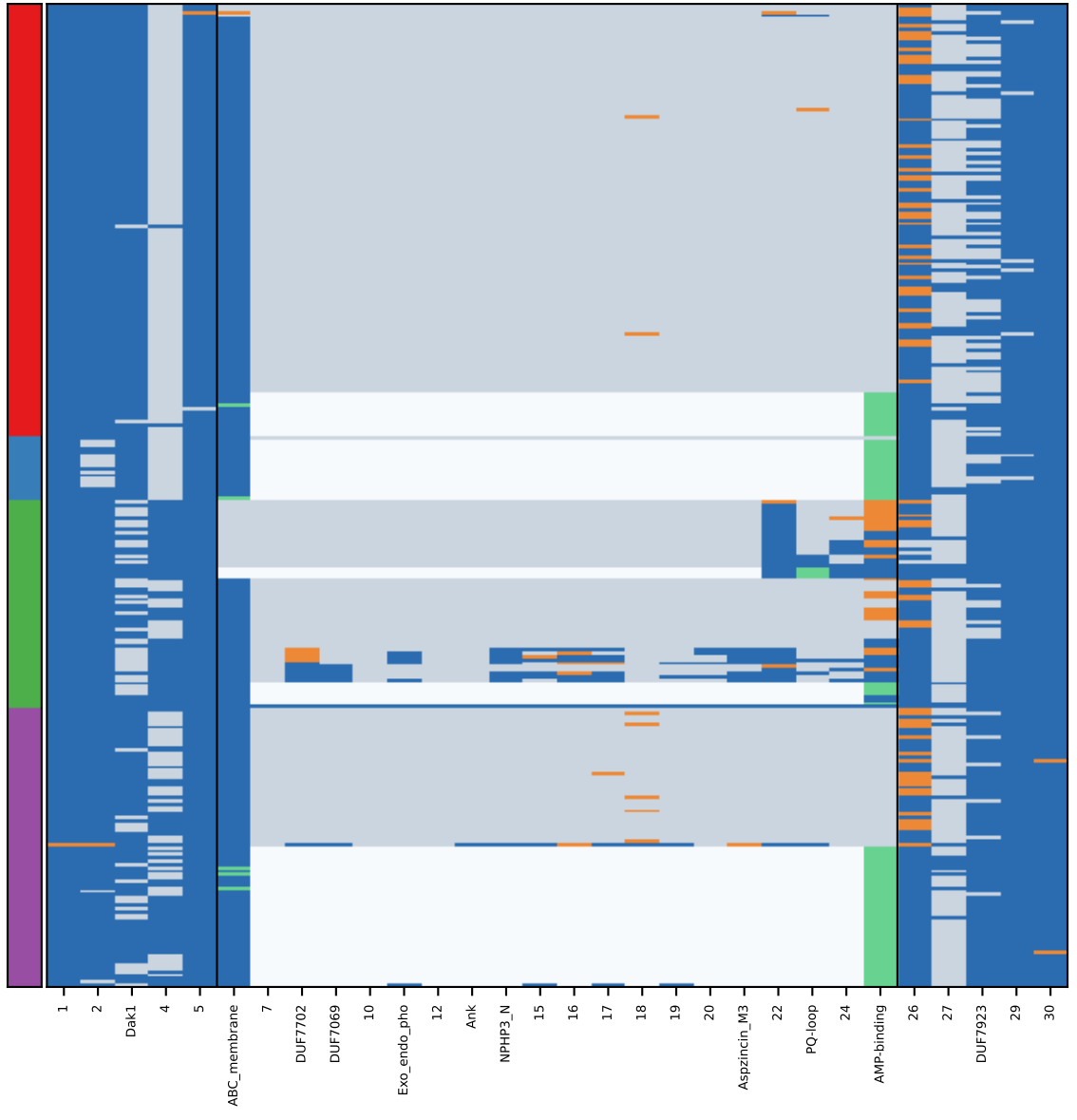
L151 8 genes content 30% of 293 strains type: unresolved



L152 8 genes content 29% of 293 strains type: unresolved

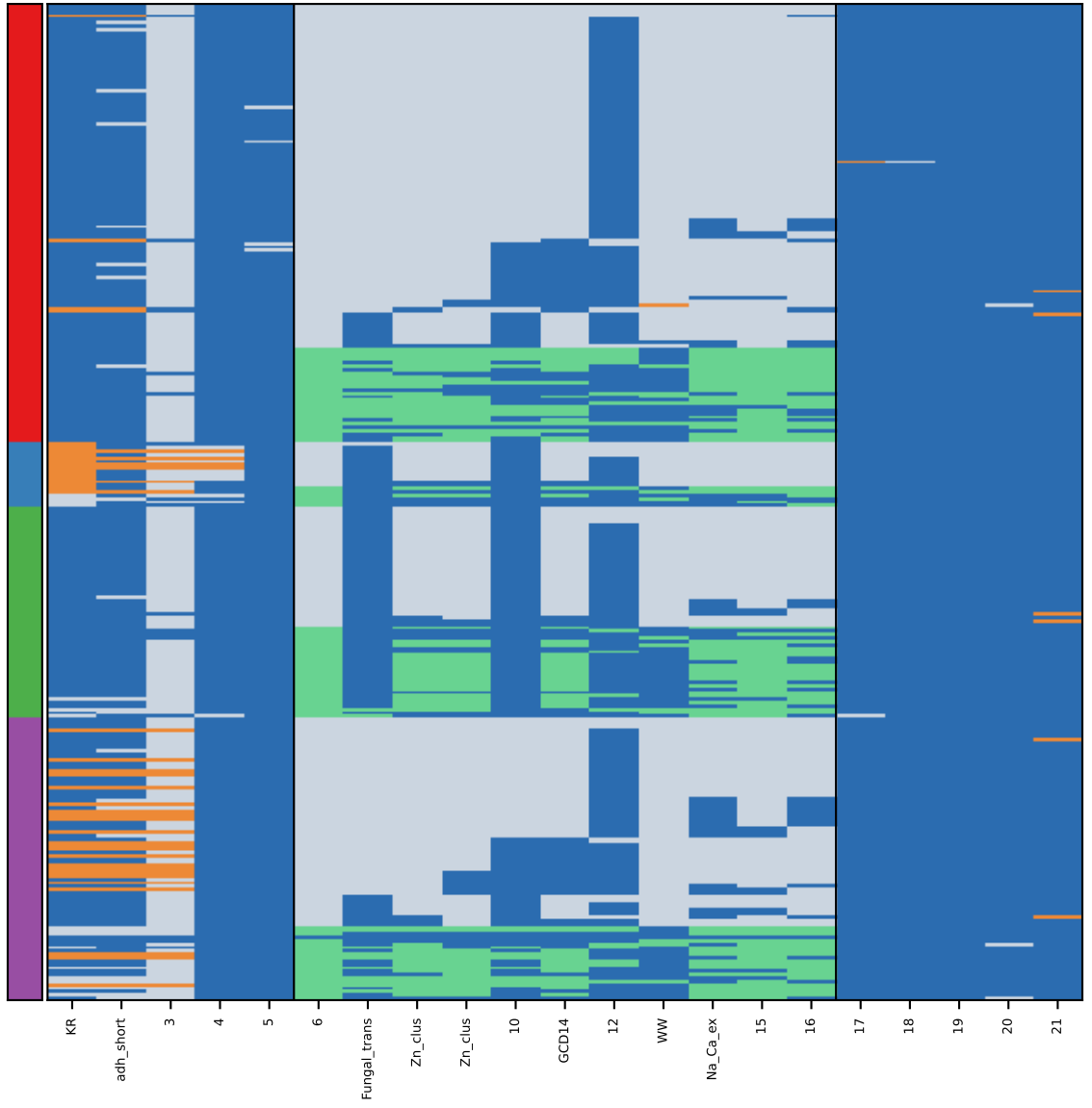


L153 20 genes content 2% of 293 strains type: unresolved

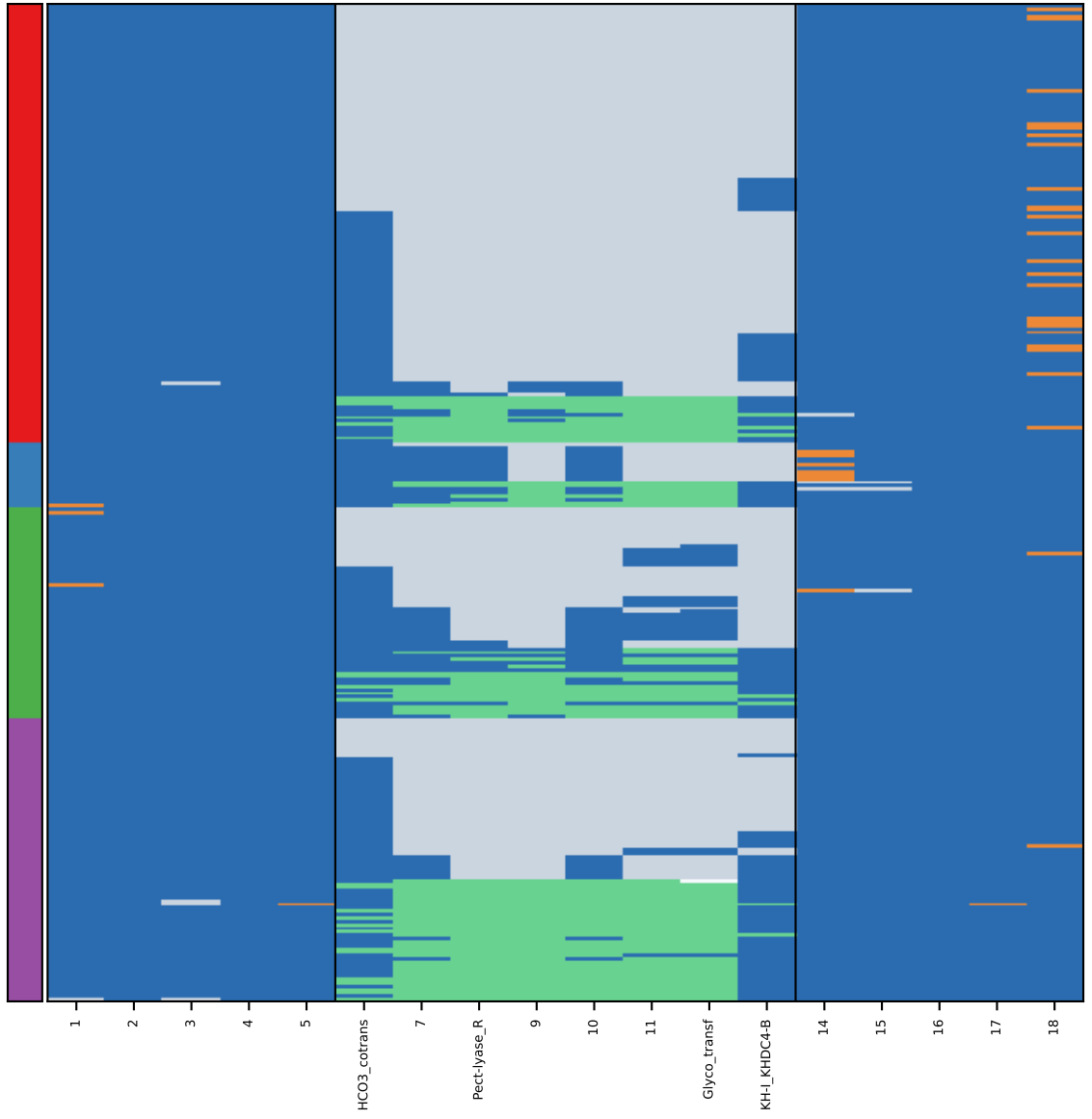




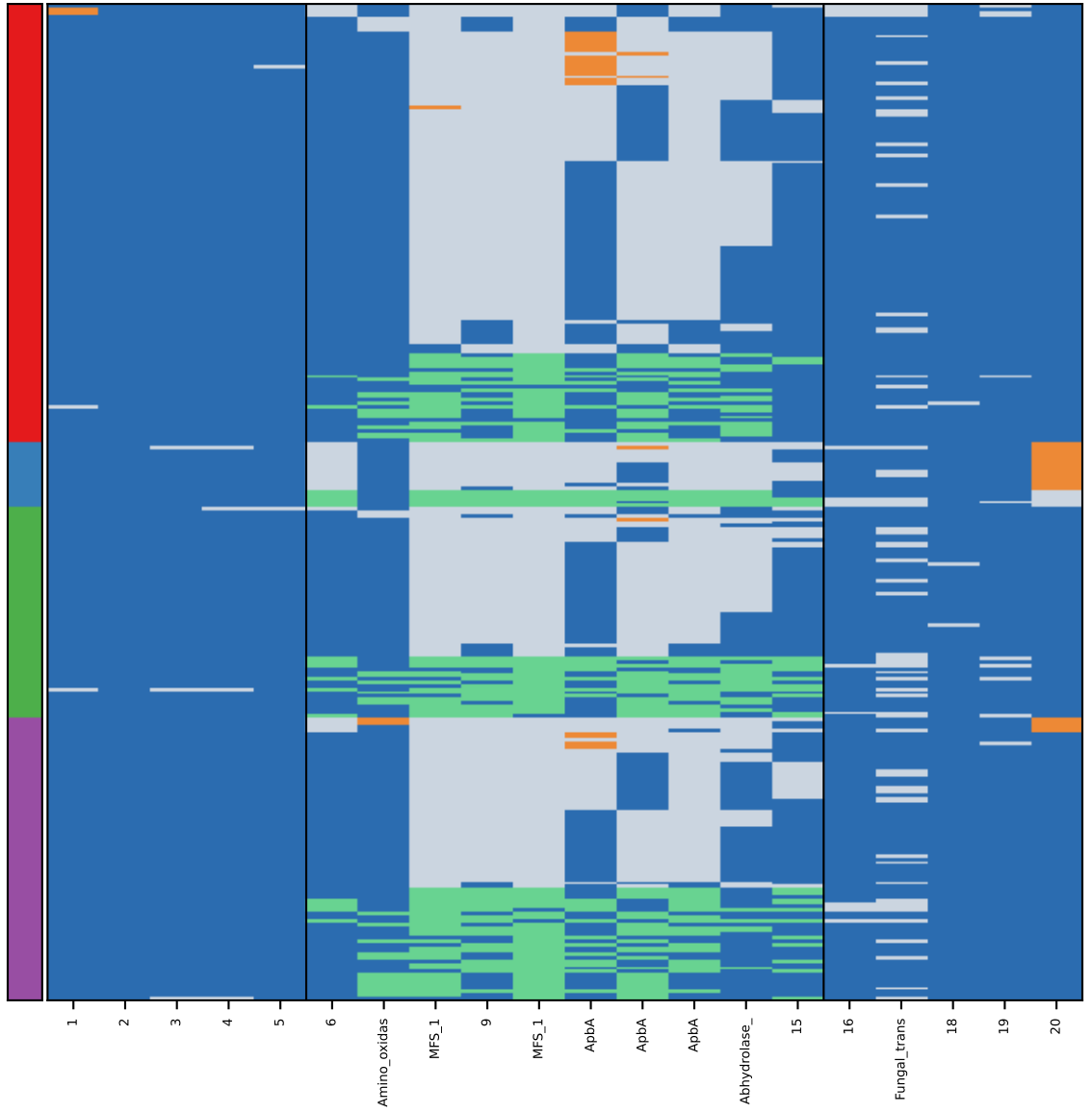
L154 11 genes content 31% of 293 strains type: unresolved



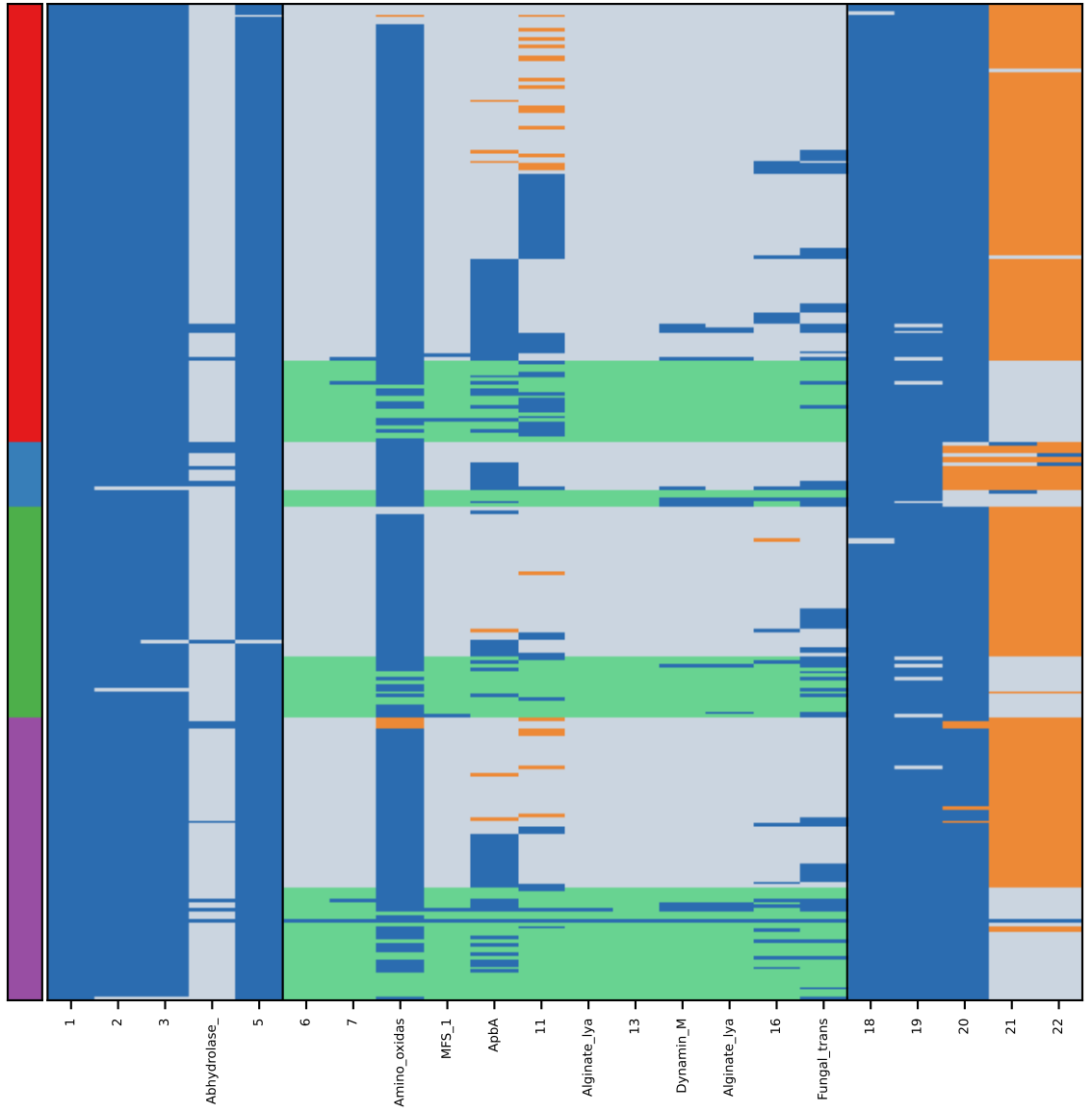
L155 8 genes content 38% of 293 strains type: unresolved



L156 10 genes content 57% of 293 strains type: unresolved

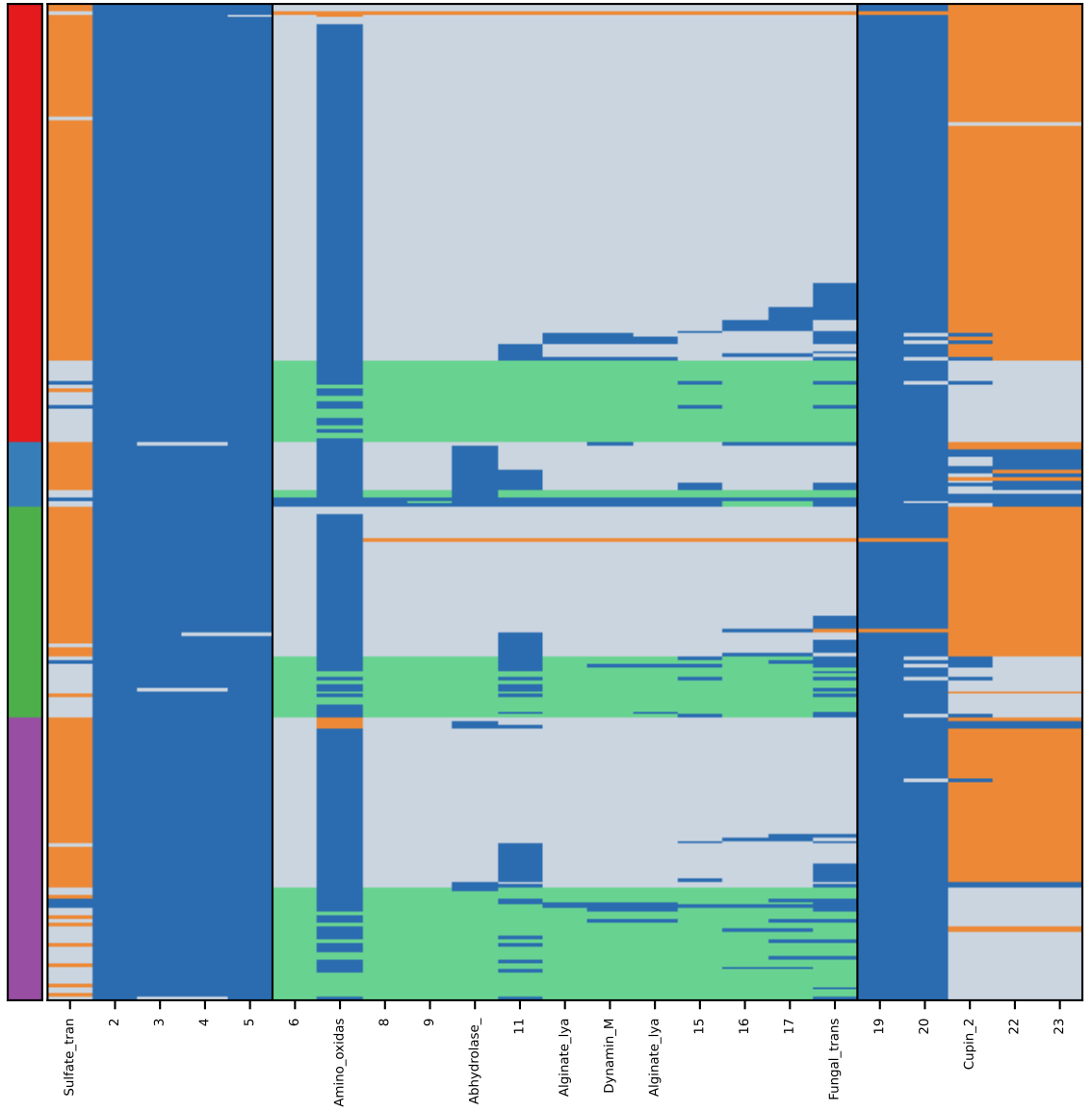


L157 12 genes content 28% of 293 strains type: unresolved

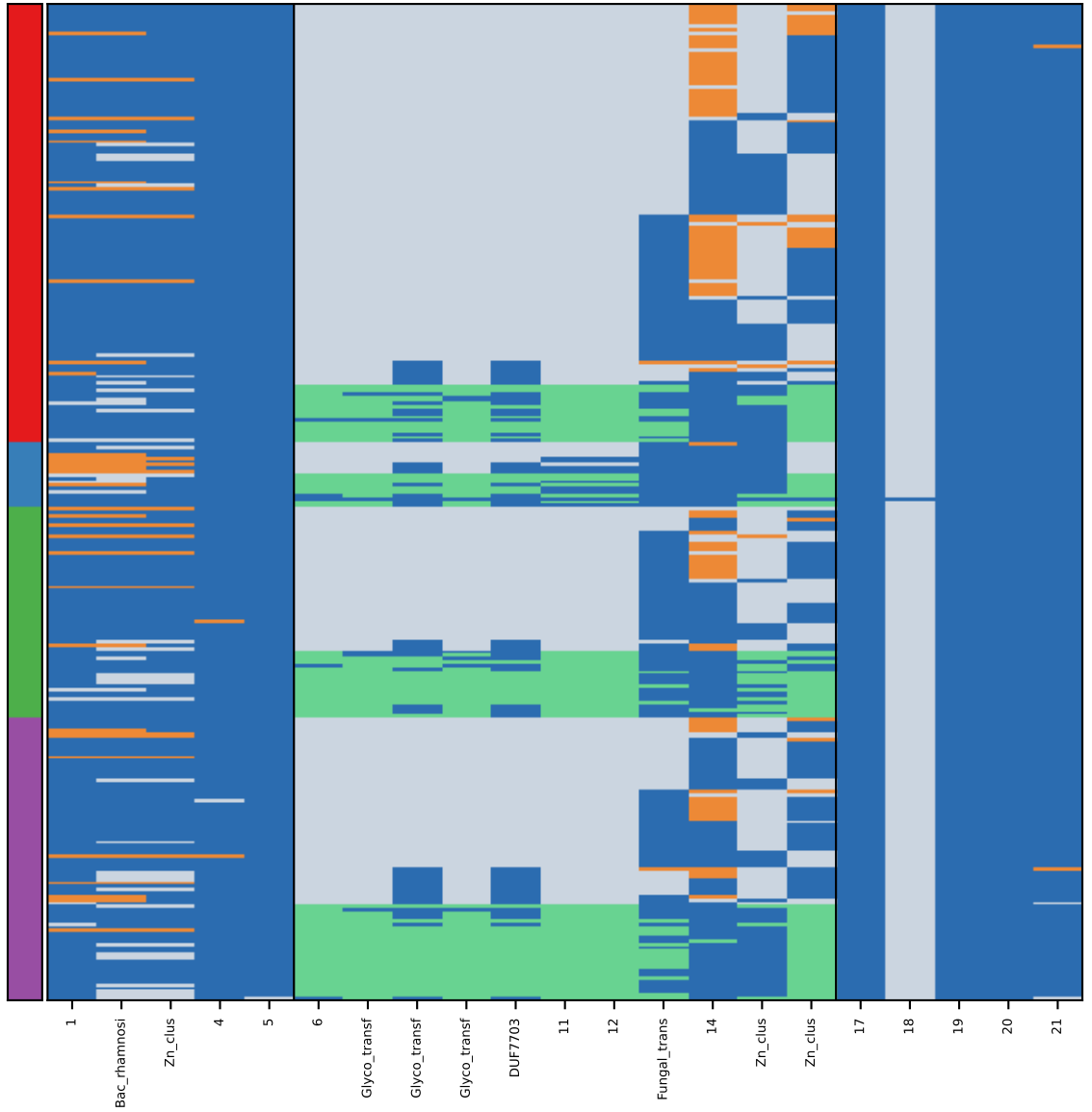


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L158 13 genes content 27% of 293 strains type: unresolved

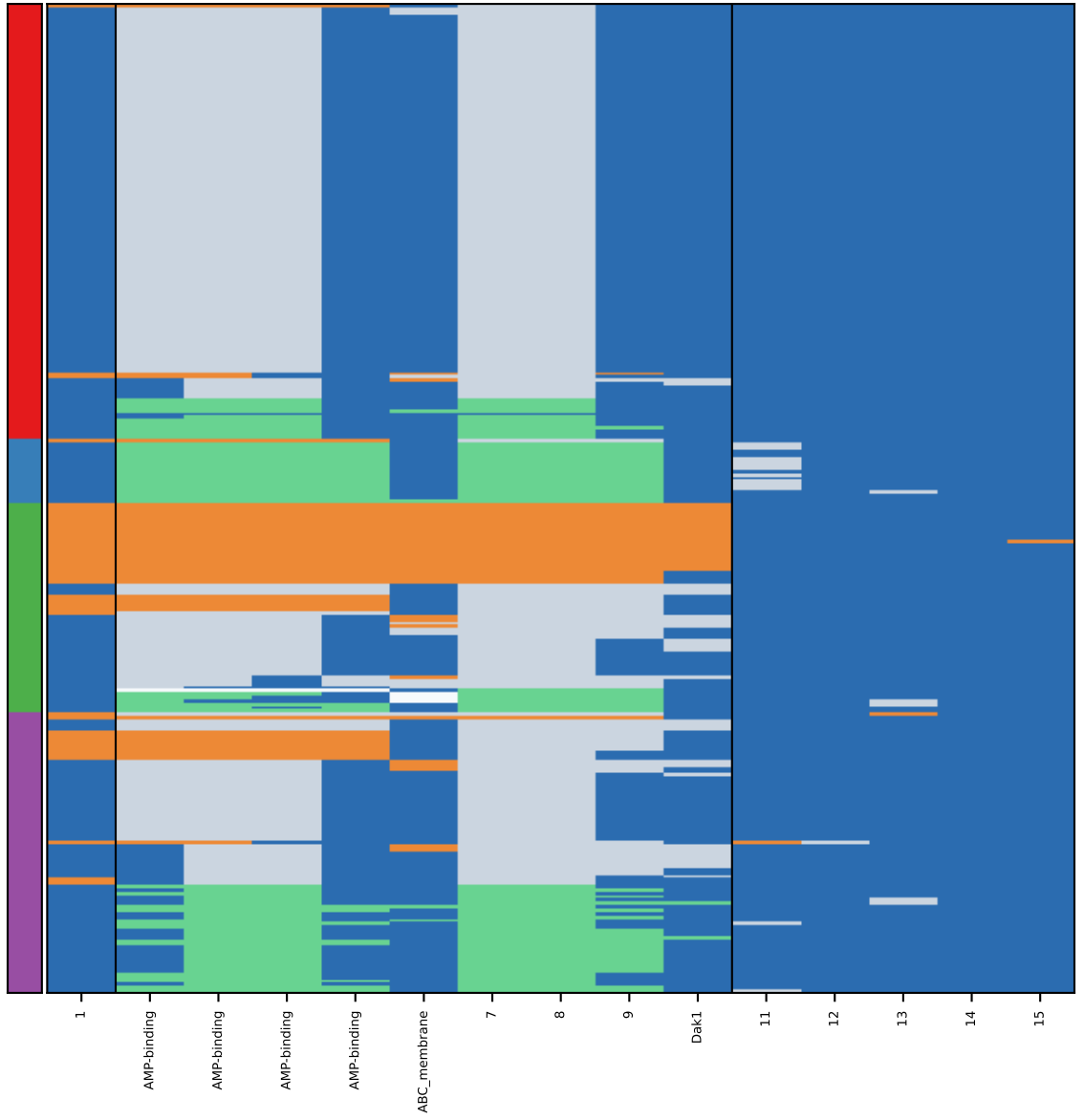


L159 11 genes content 26% of 293 strains type: unresolved

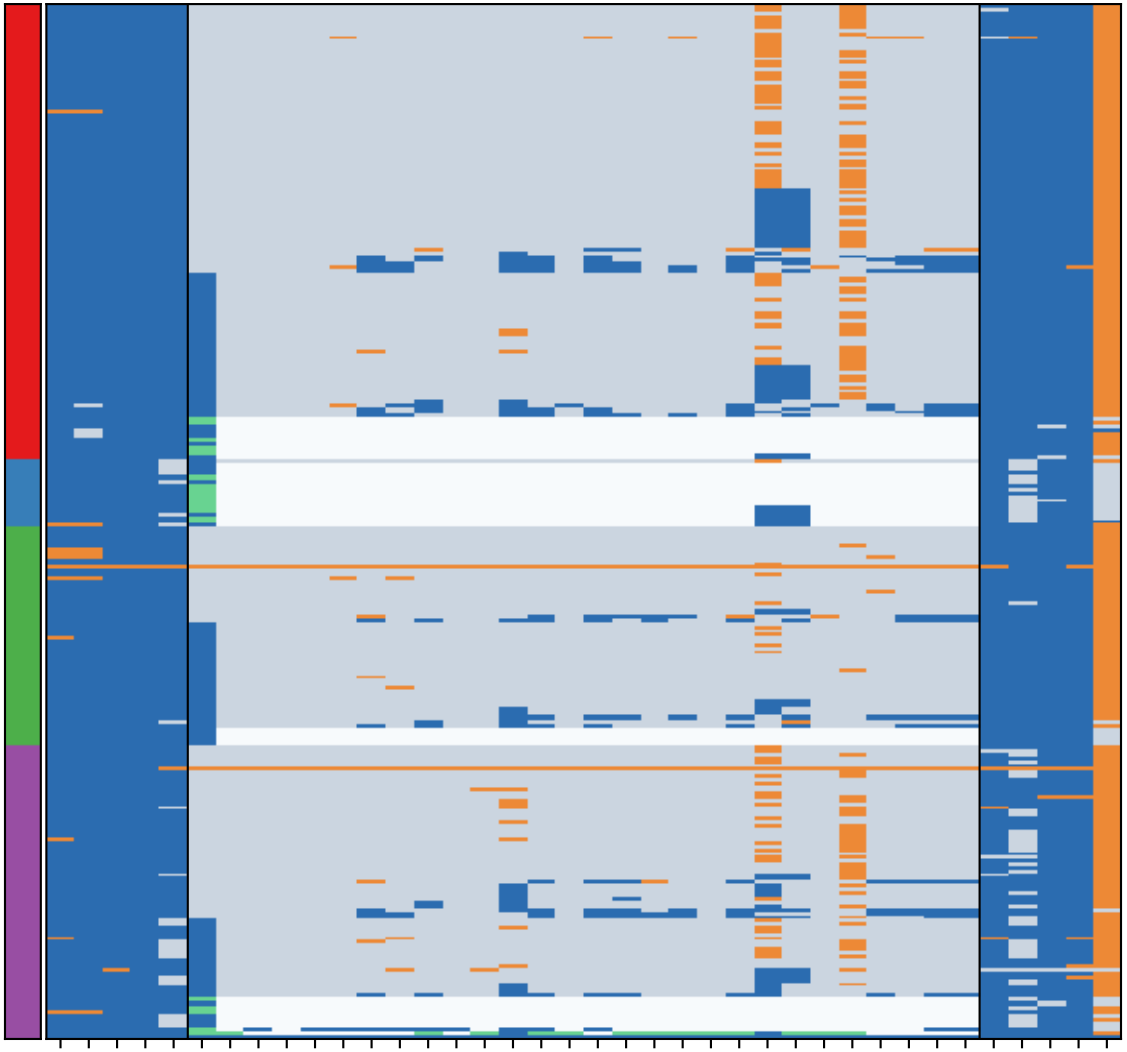


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L160 9 genes content 26% of 293 strains type: unresolved

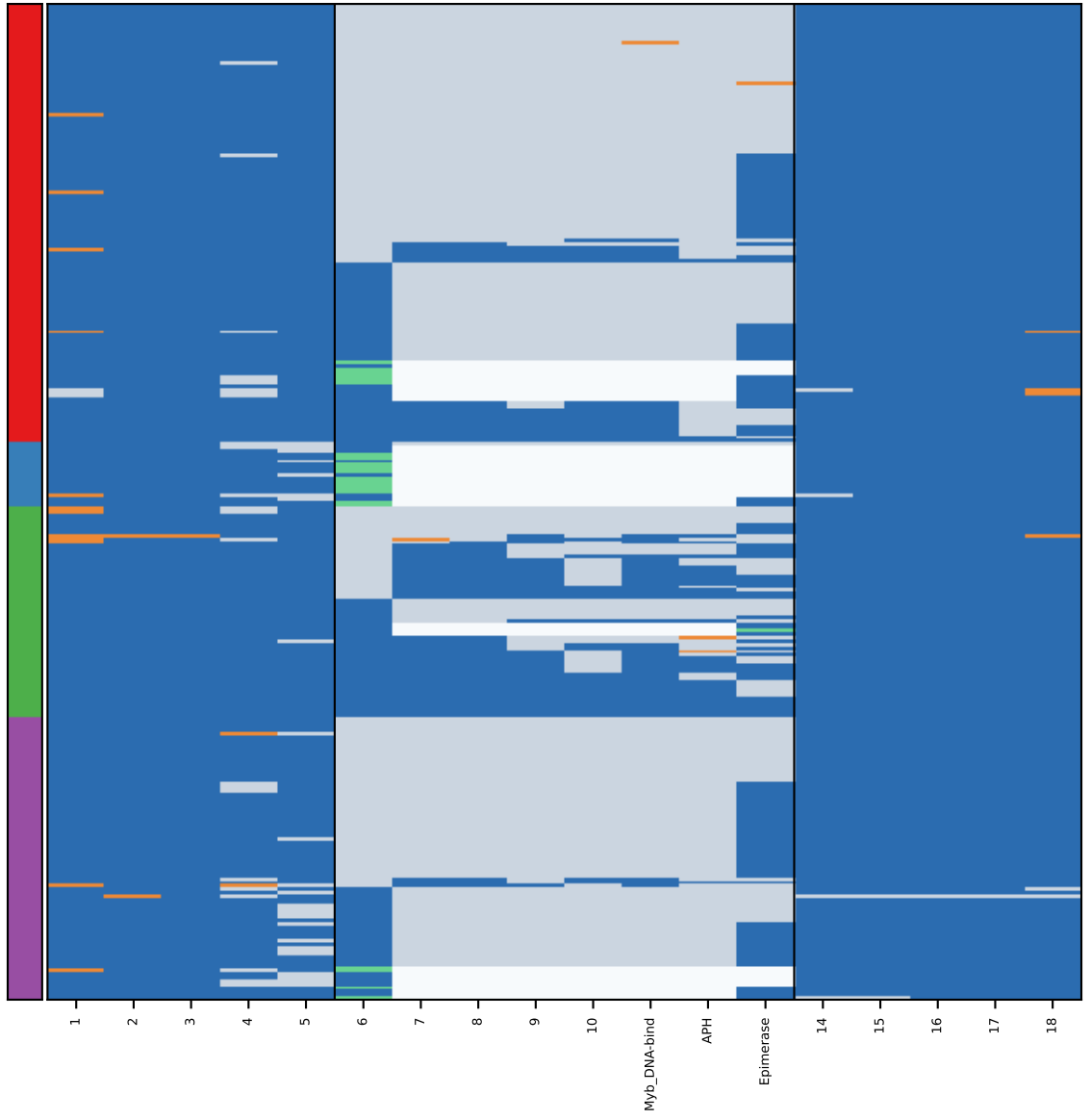


L161 28 genes content 1% of 293 strains type: unresolved Starship: Gnosis-h1

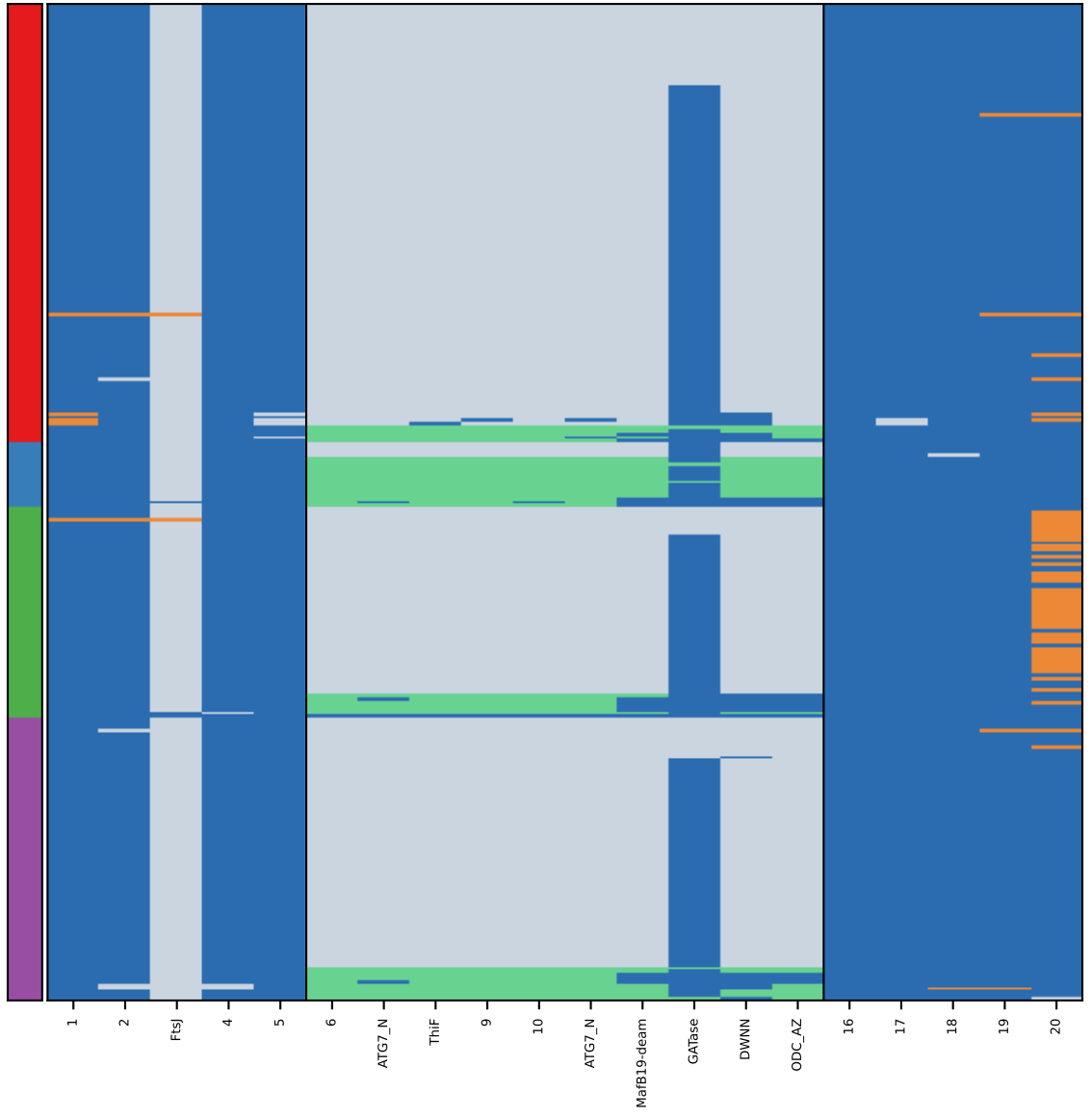


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

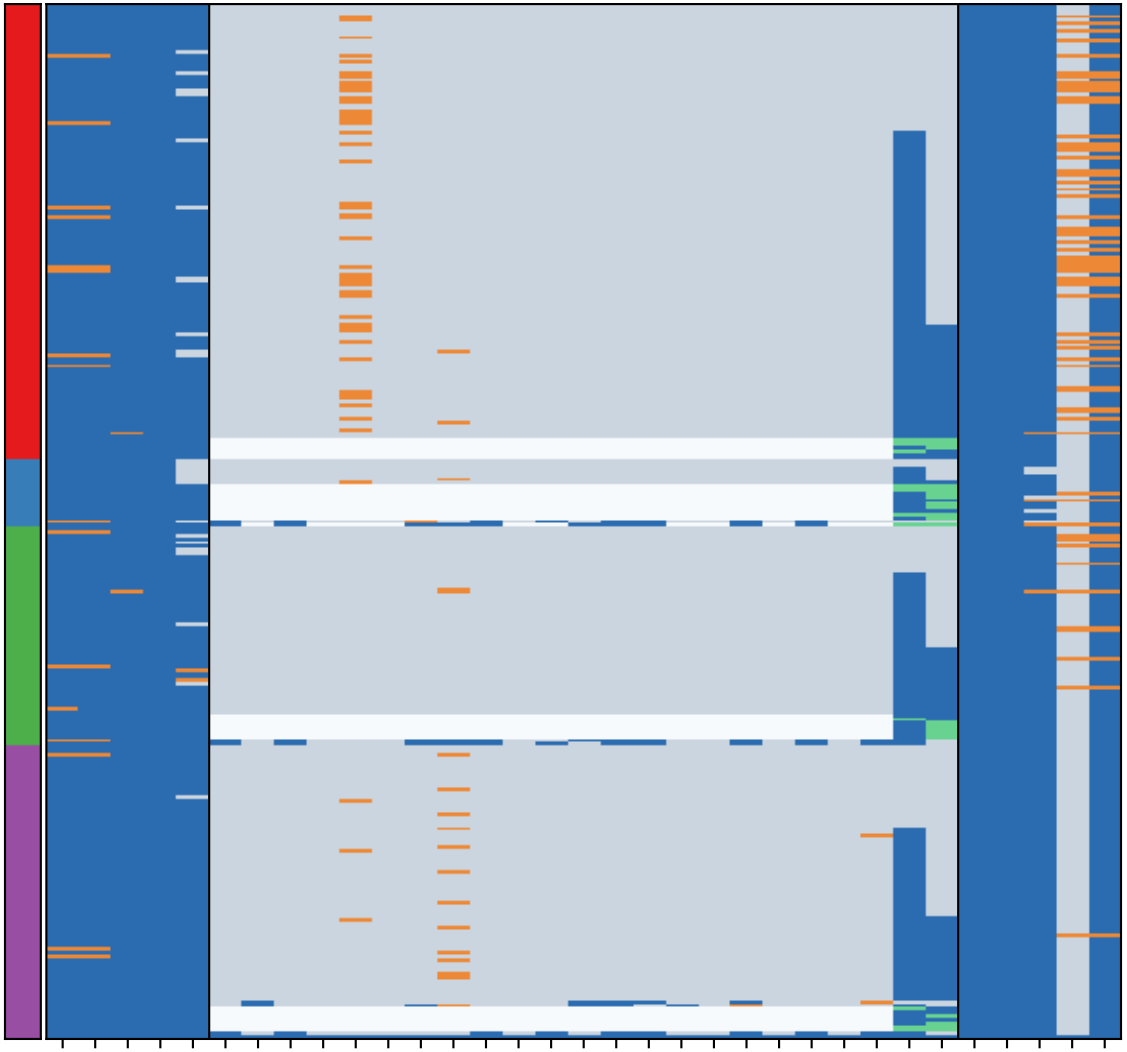
L162 8 genes content 20% of 293 strains type: unresolved



L163 10 genes content 13% of 293 strains type: unresolved

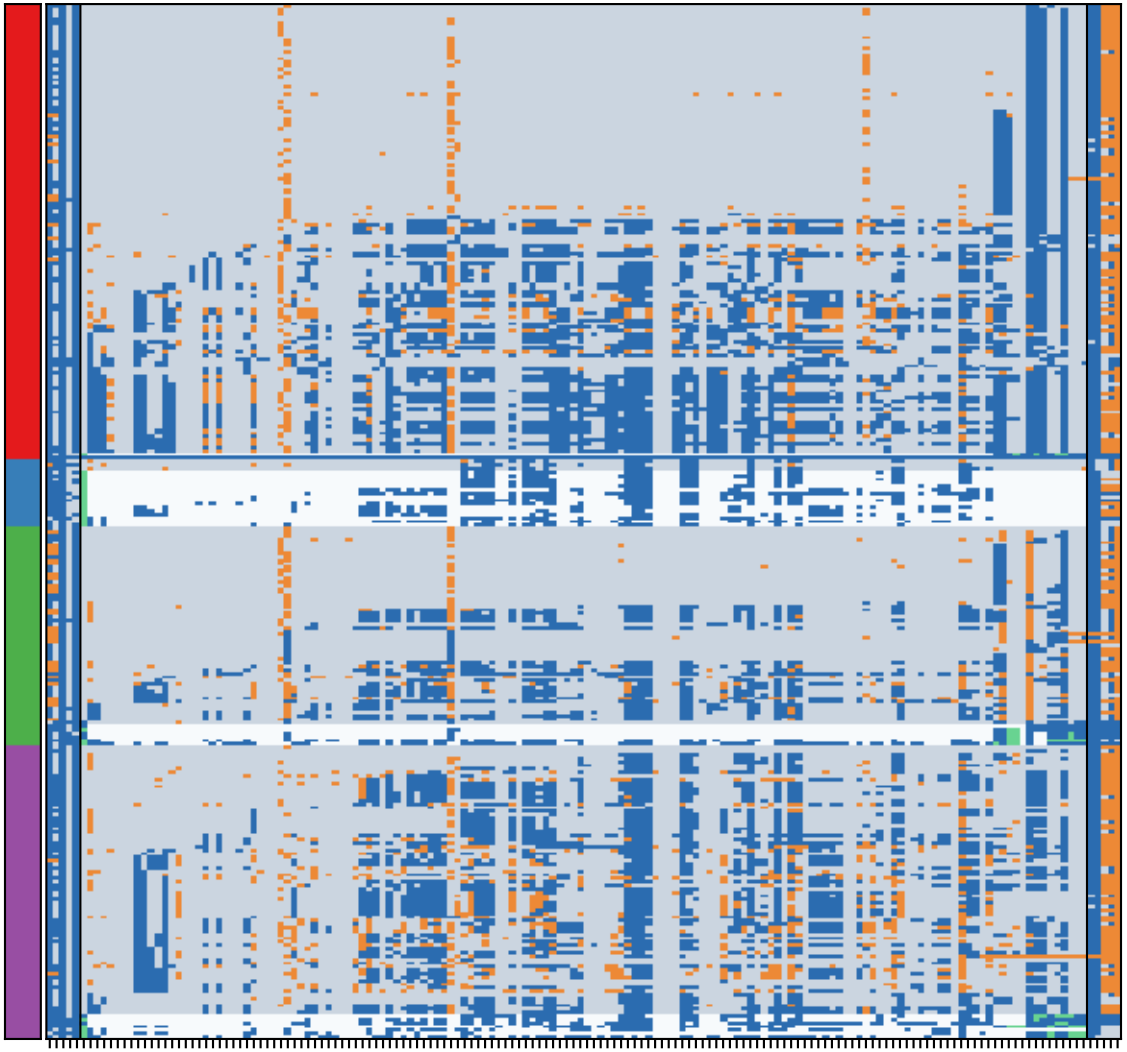


L164 23 genes content 1% of 293 strains type: unresolved



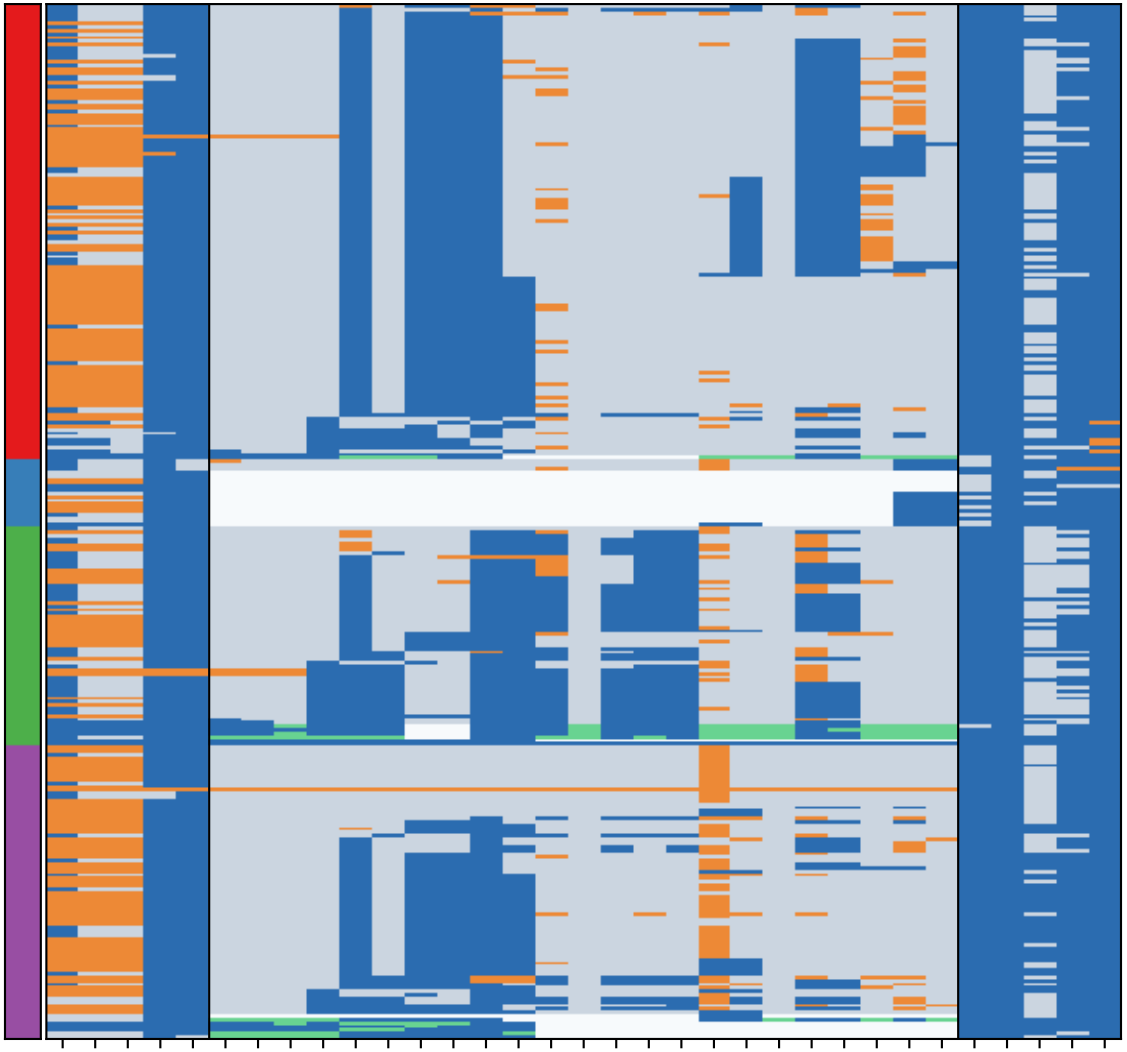
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L165 148 genes content 5% of 293 strains type: unresolved



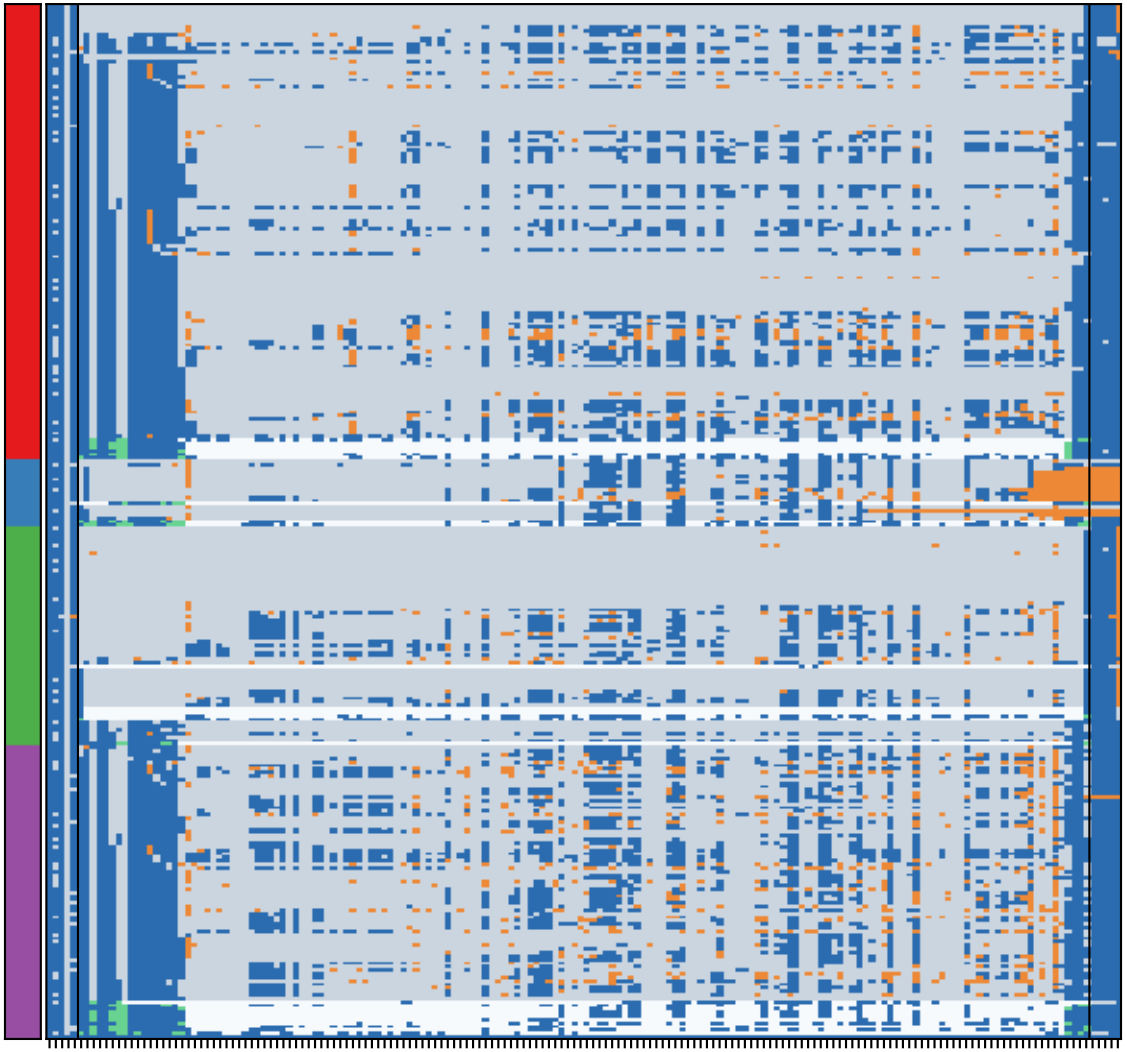
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L166 23 genes content 4% of 293 strains type: unresolved



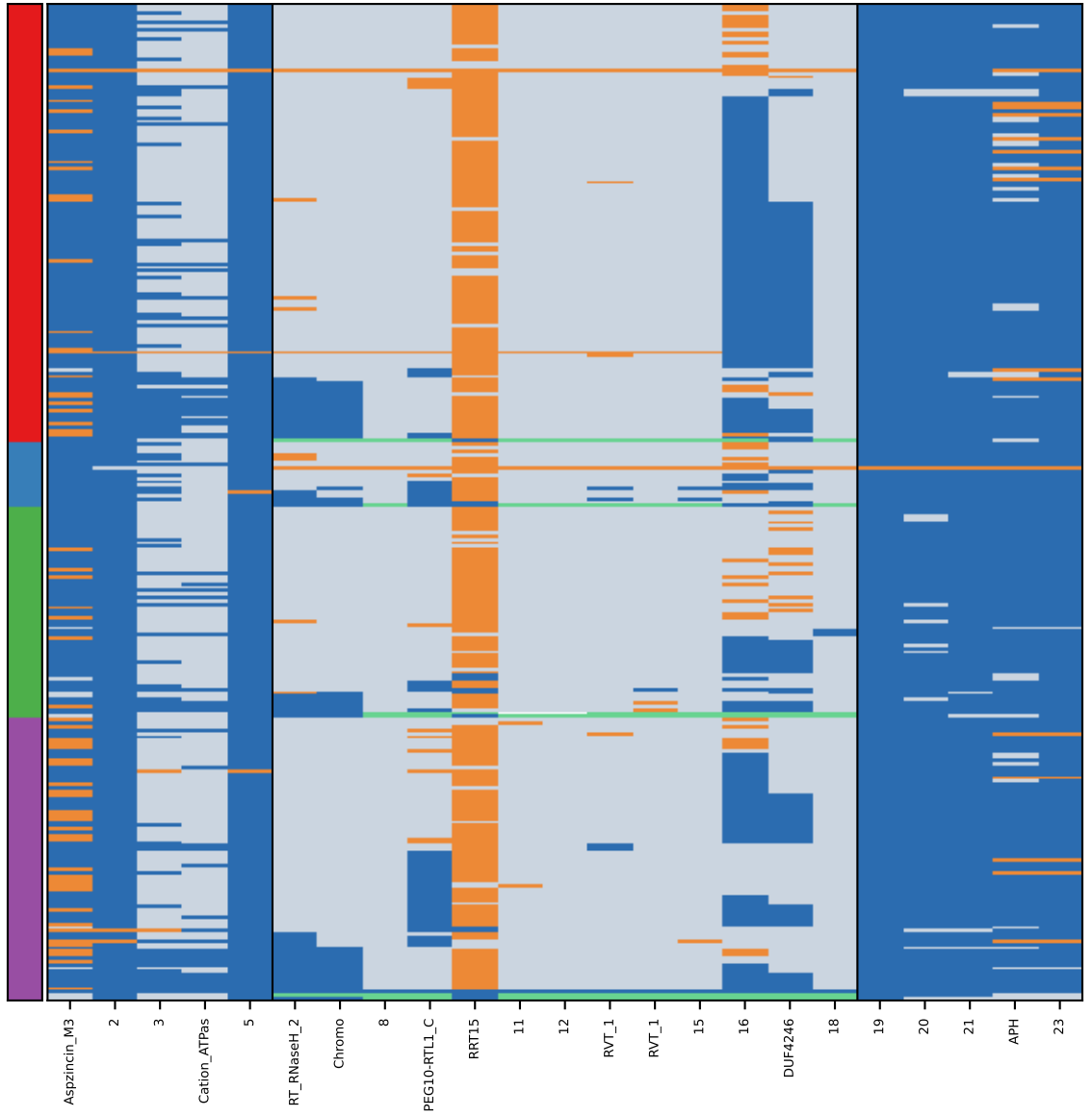
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L167 160 genes content 1% of 293 strains type: unresolved

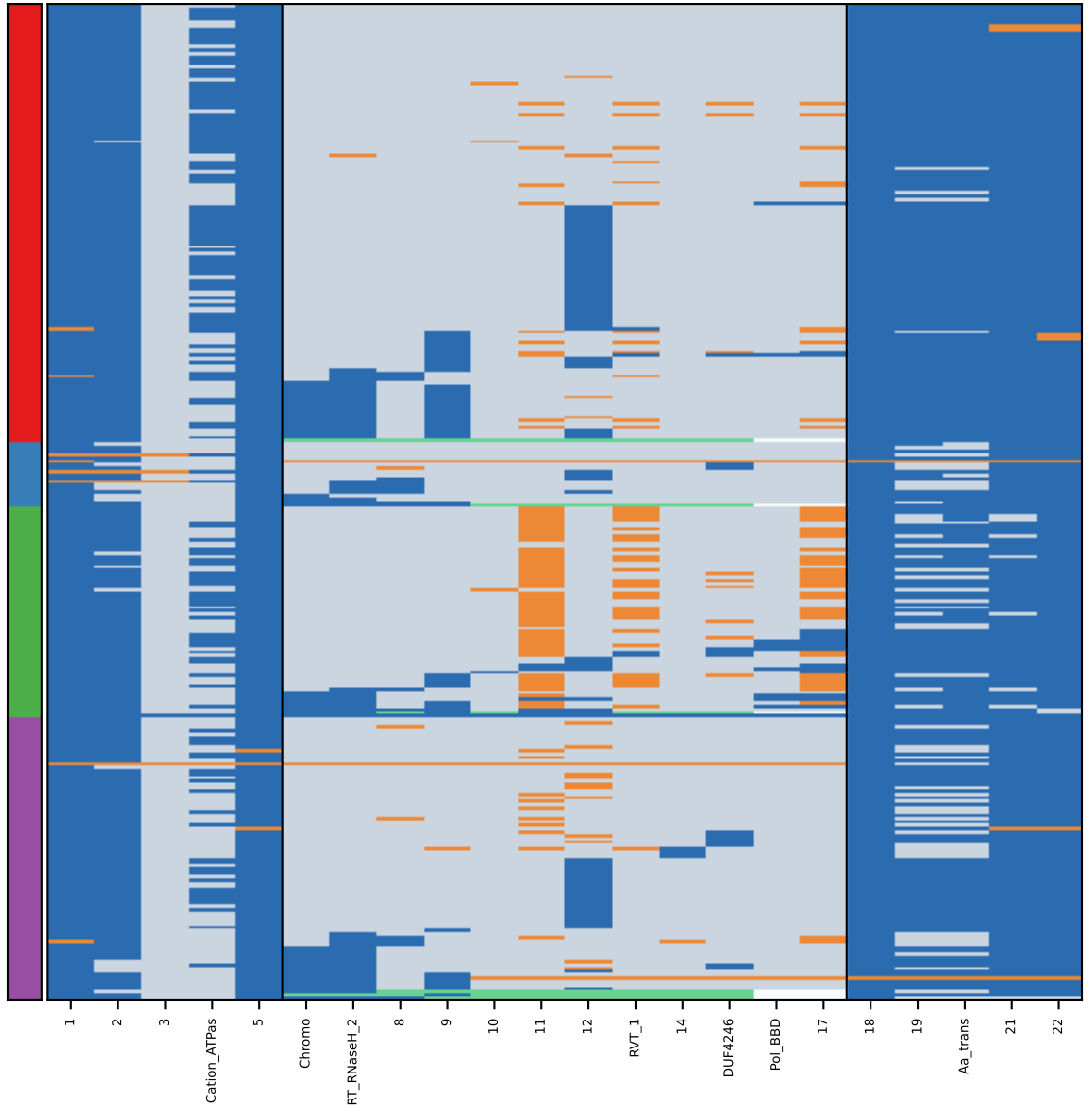


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L168 13 genes content 2% of 293 strains type: unresolved

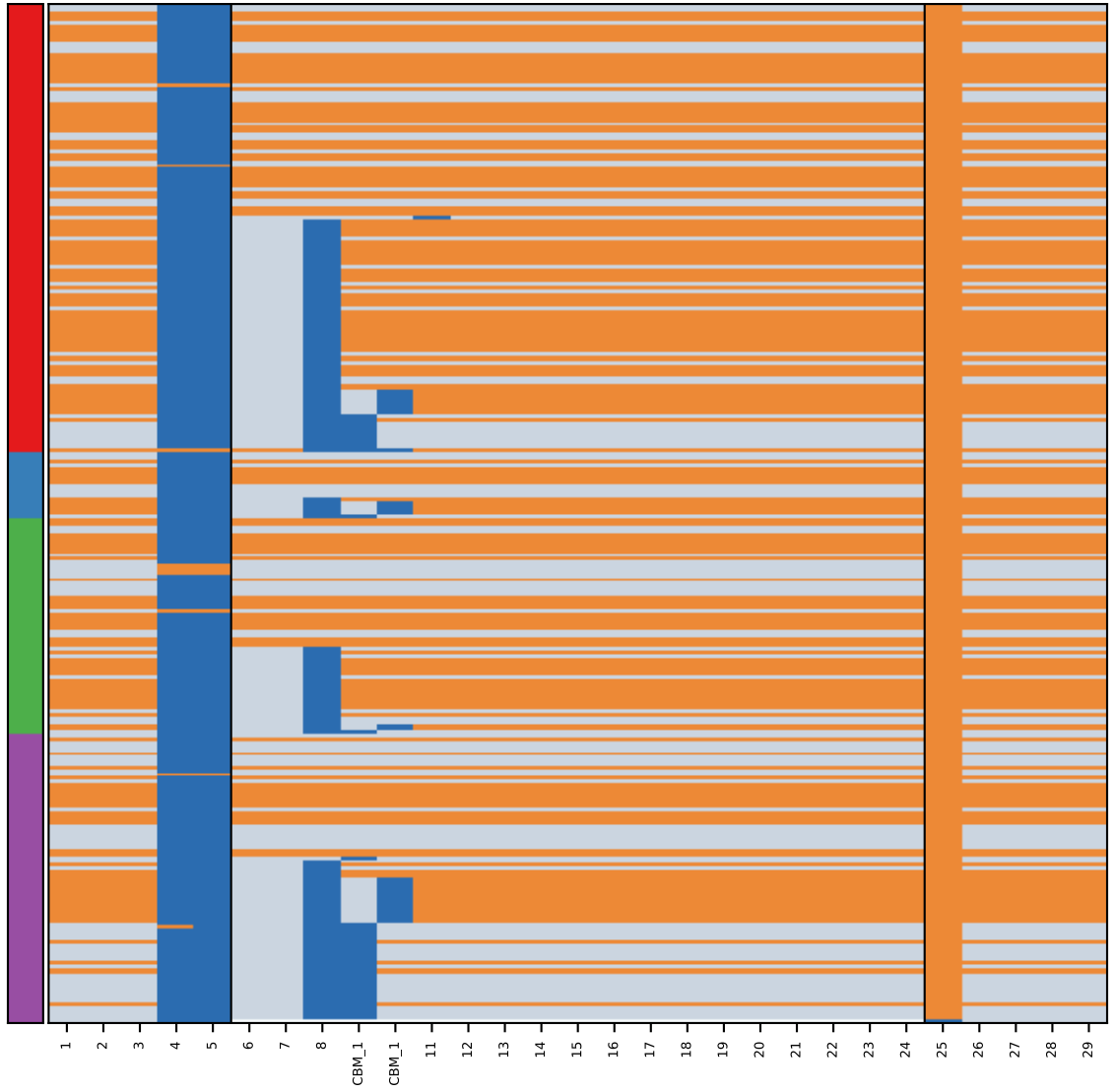


L169 12 genes content 3% of 293 strains type: unresolved

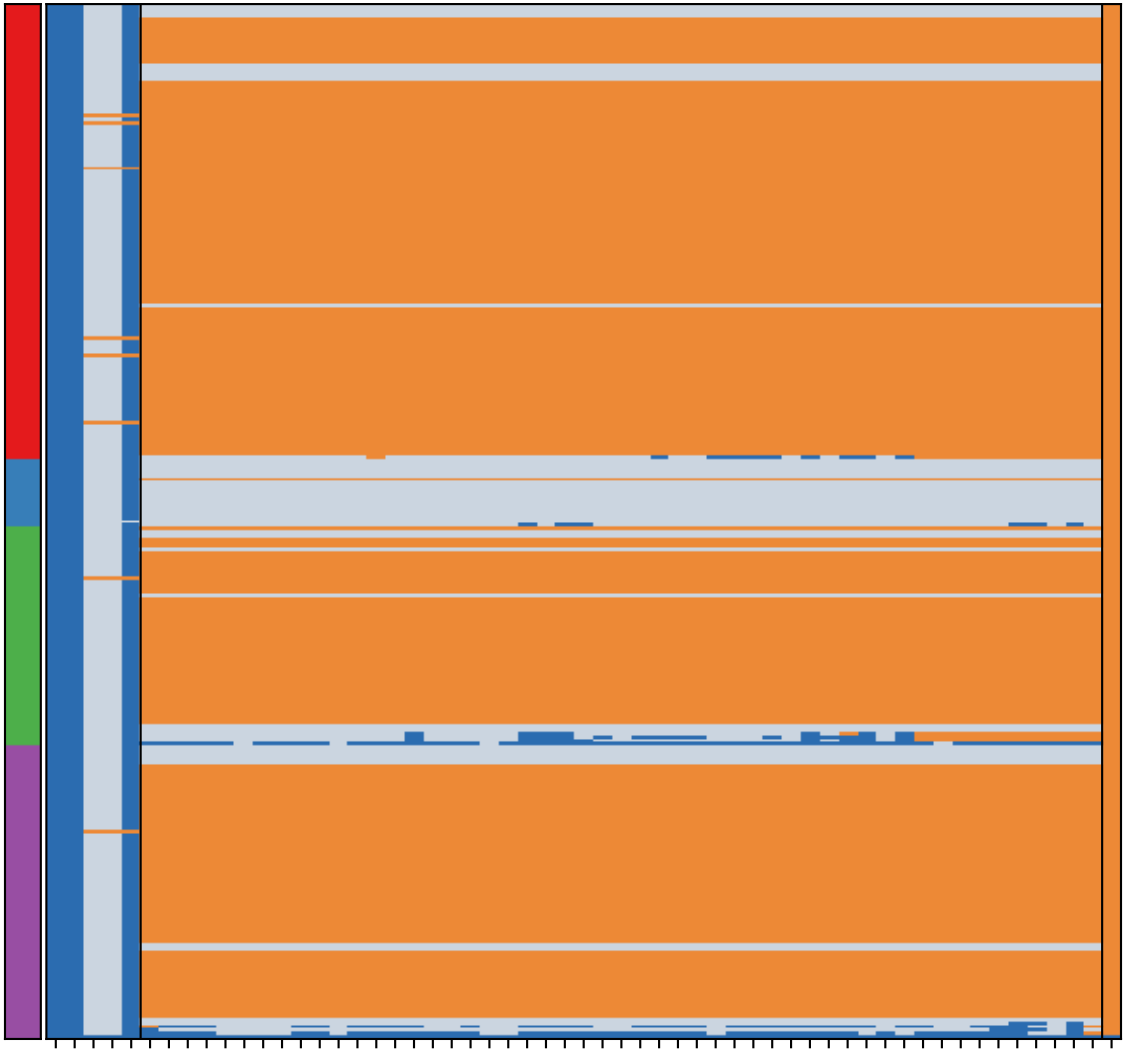


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L170 19 genes content 0% of 293 strains type: unresolved

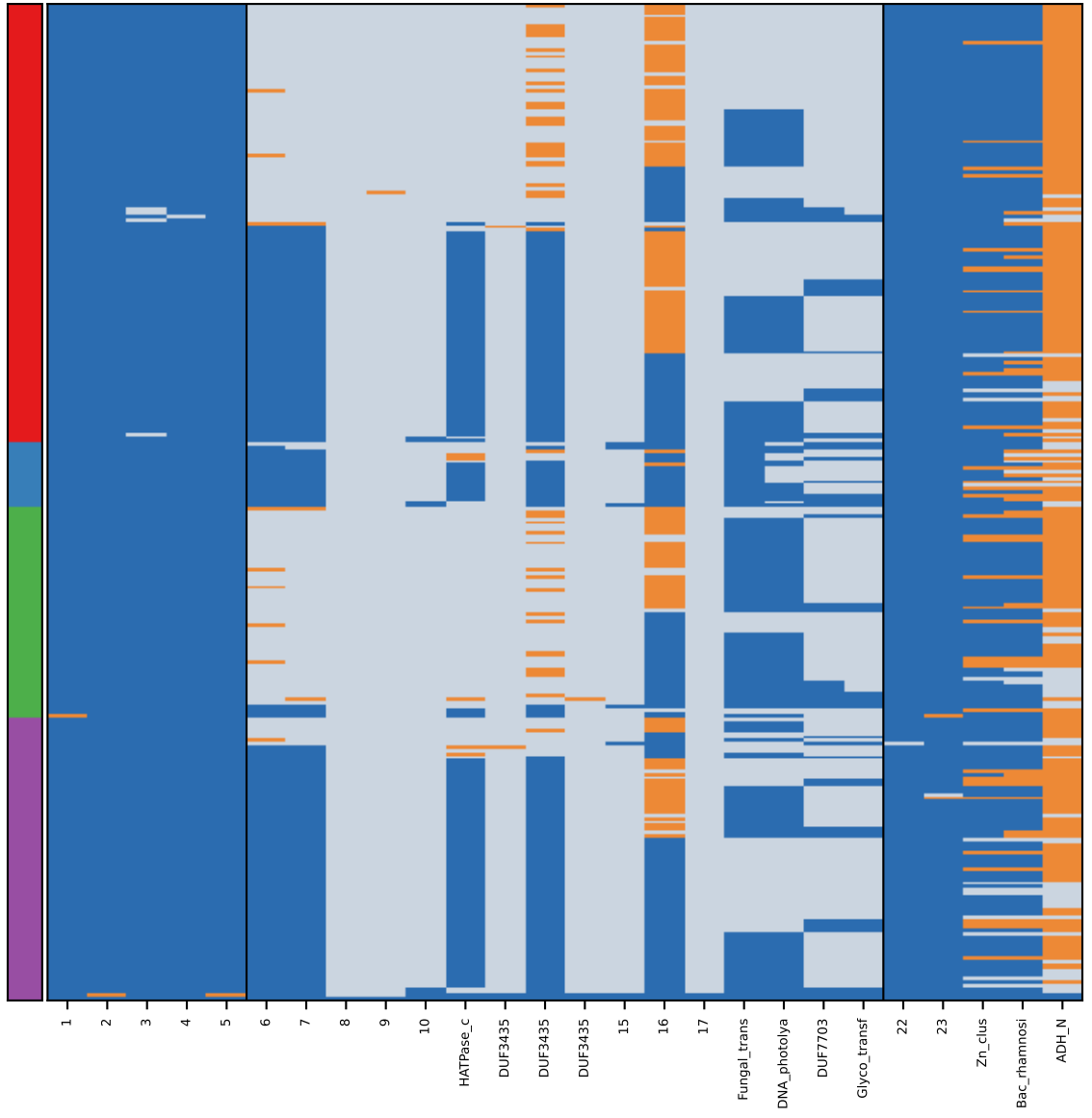


L171 51 genes content 1% of 293 strains type: unresolved Starship: Nebuchadnezzar-h1

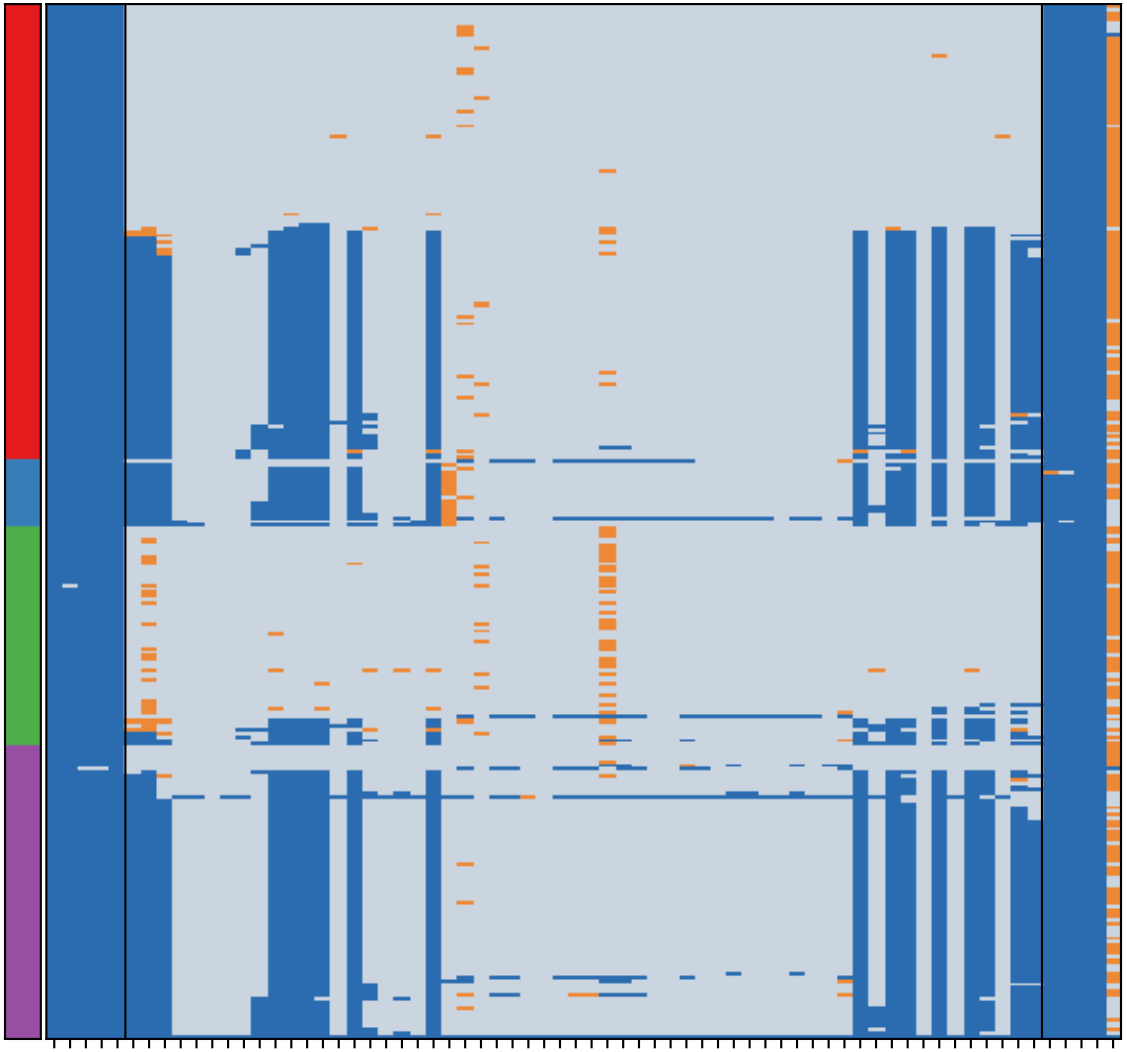


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L172 16 genes content 6% of 293 strains type: unresolved Starship: Tardis-h1

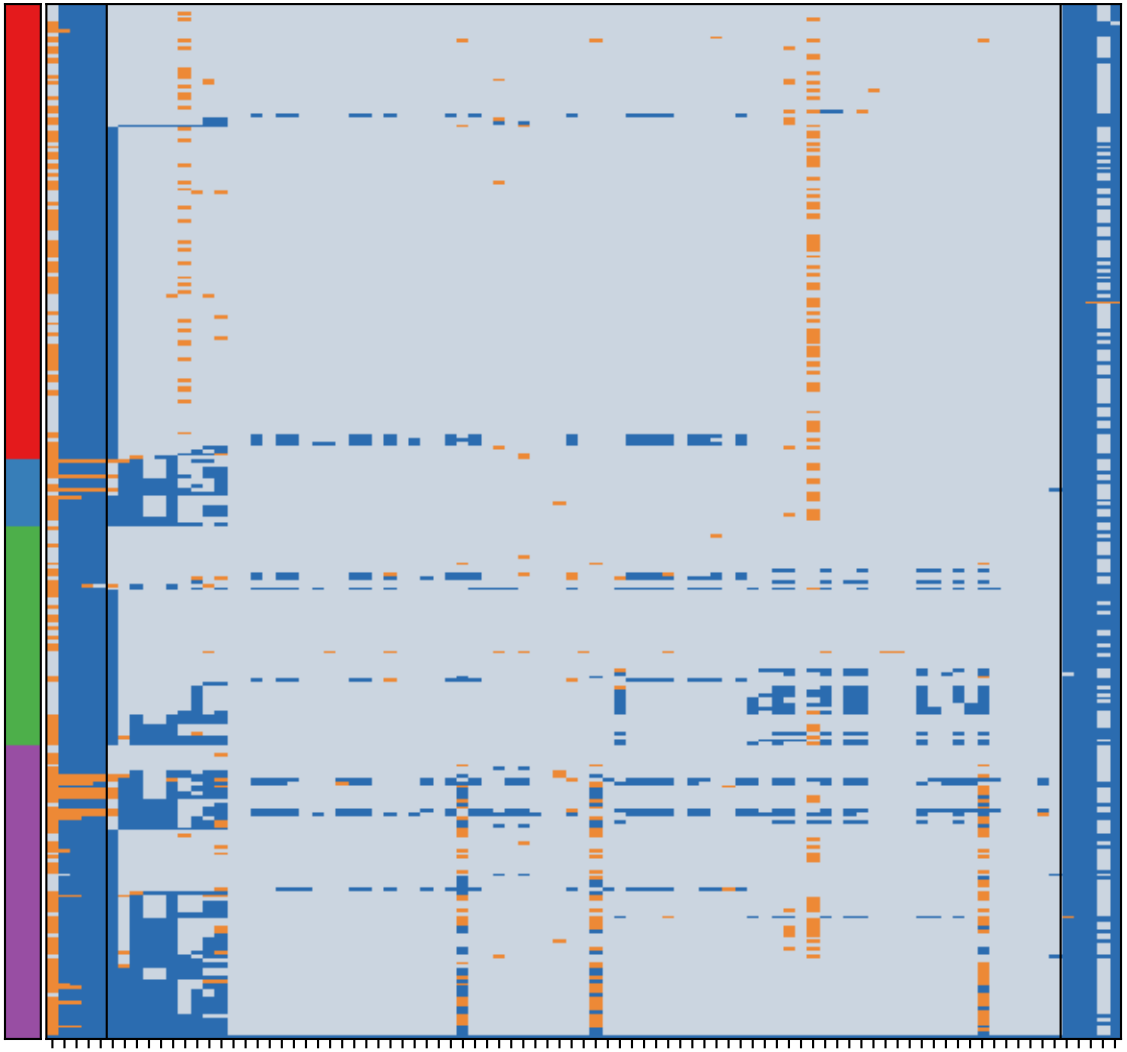


L173 58 genes content 1% of 293 strains type: unresolved Starship: Tardis-h1



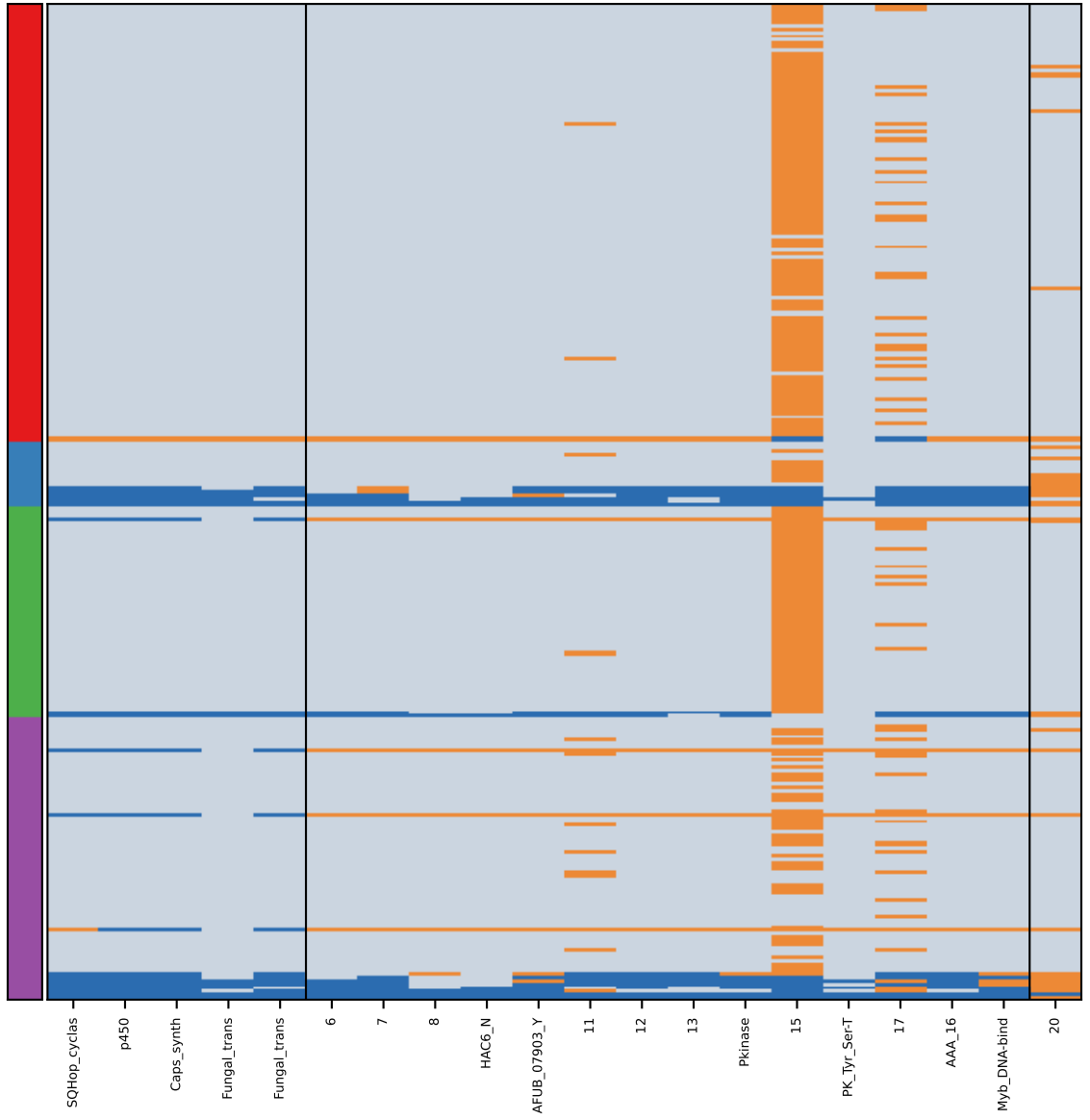
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L174 79 genes content 1% of 293 strains type: unresolved Starship: Lamia-h4

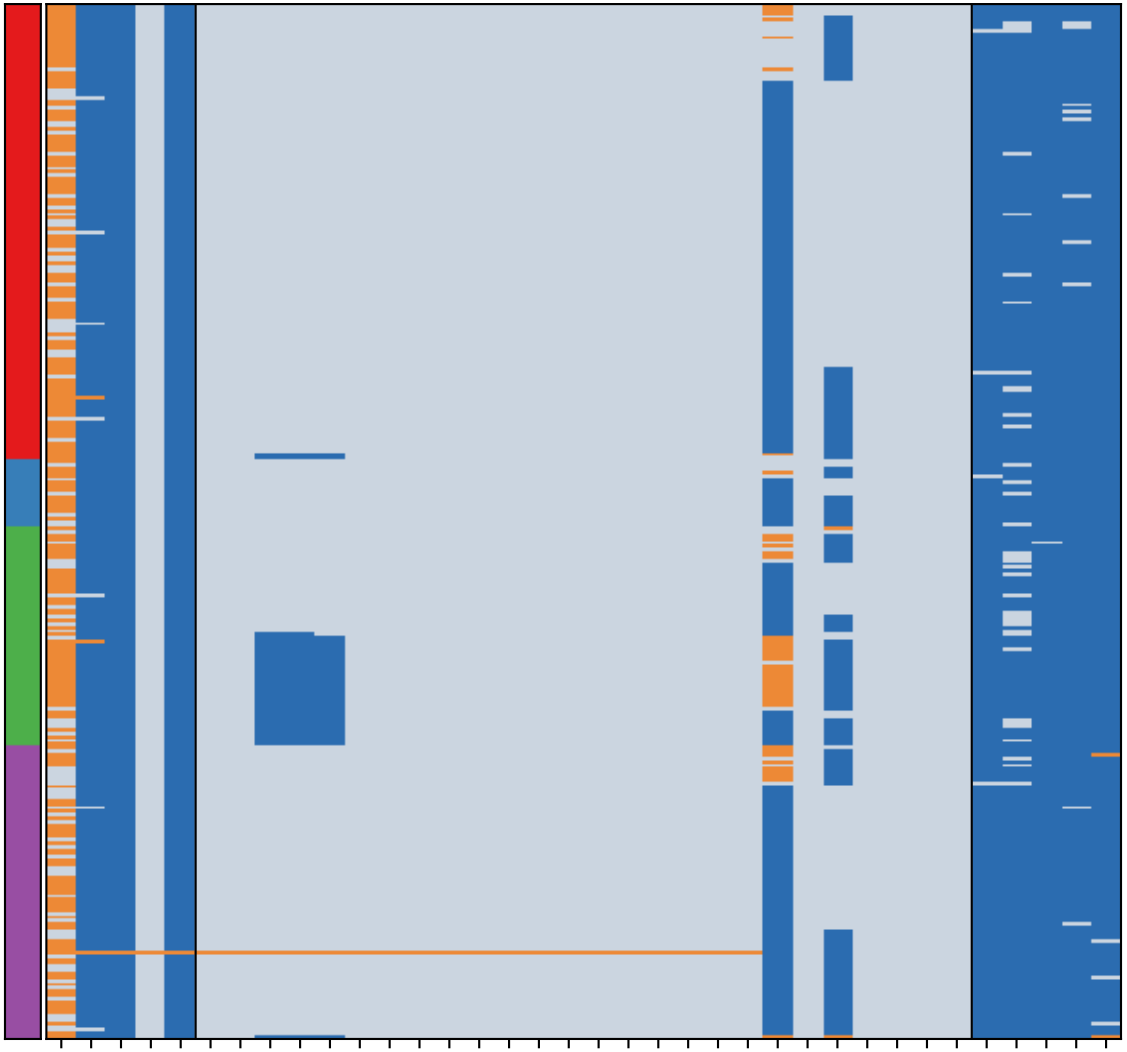


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L175 14 genes content 5% of 293 strains type: unresolved

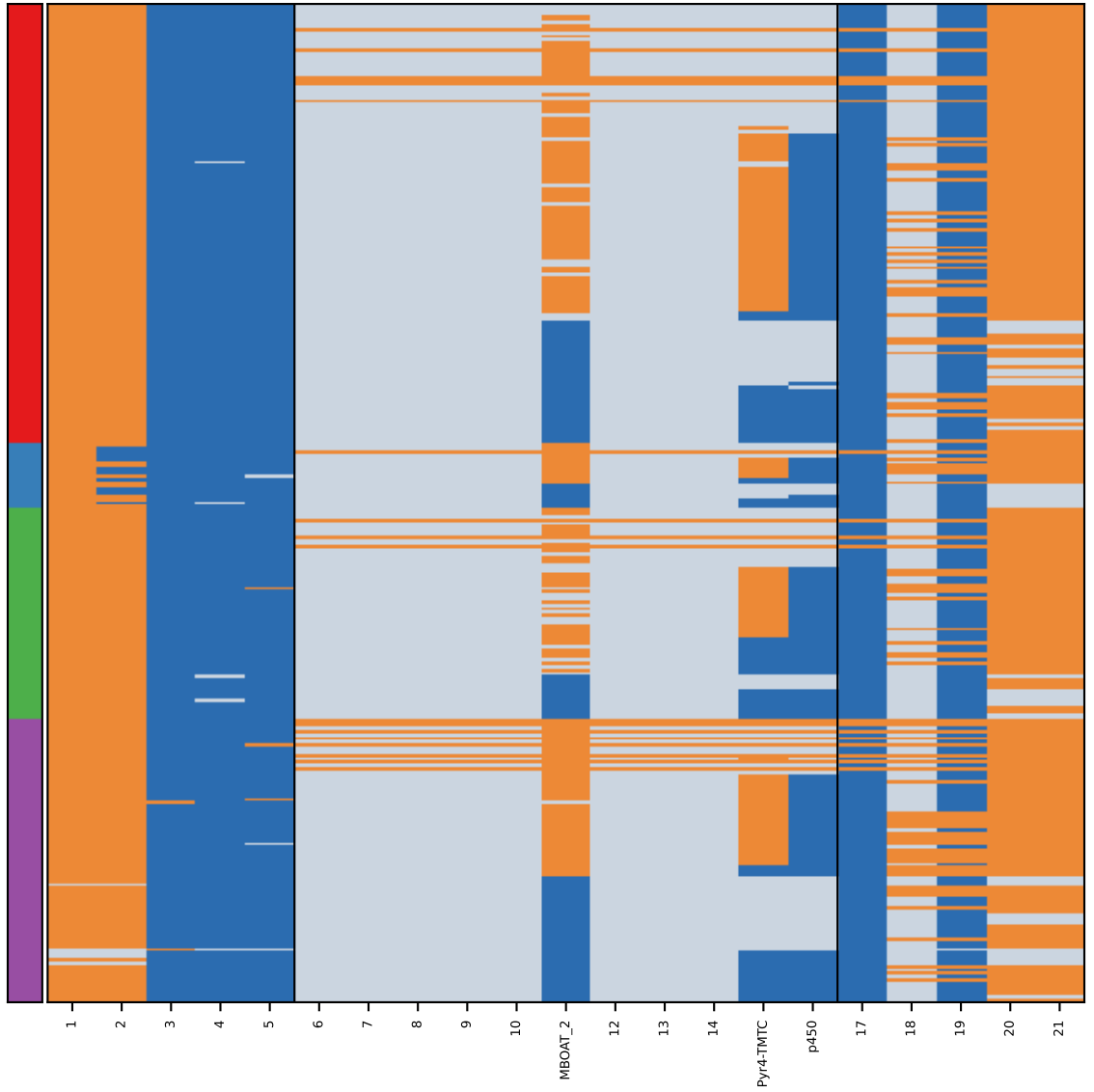


L176 26 genes content 0% of 293 strains type: unresolved

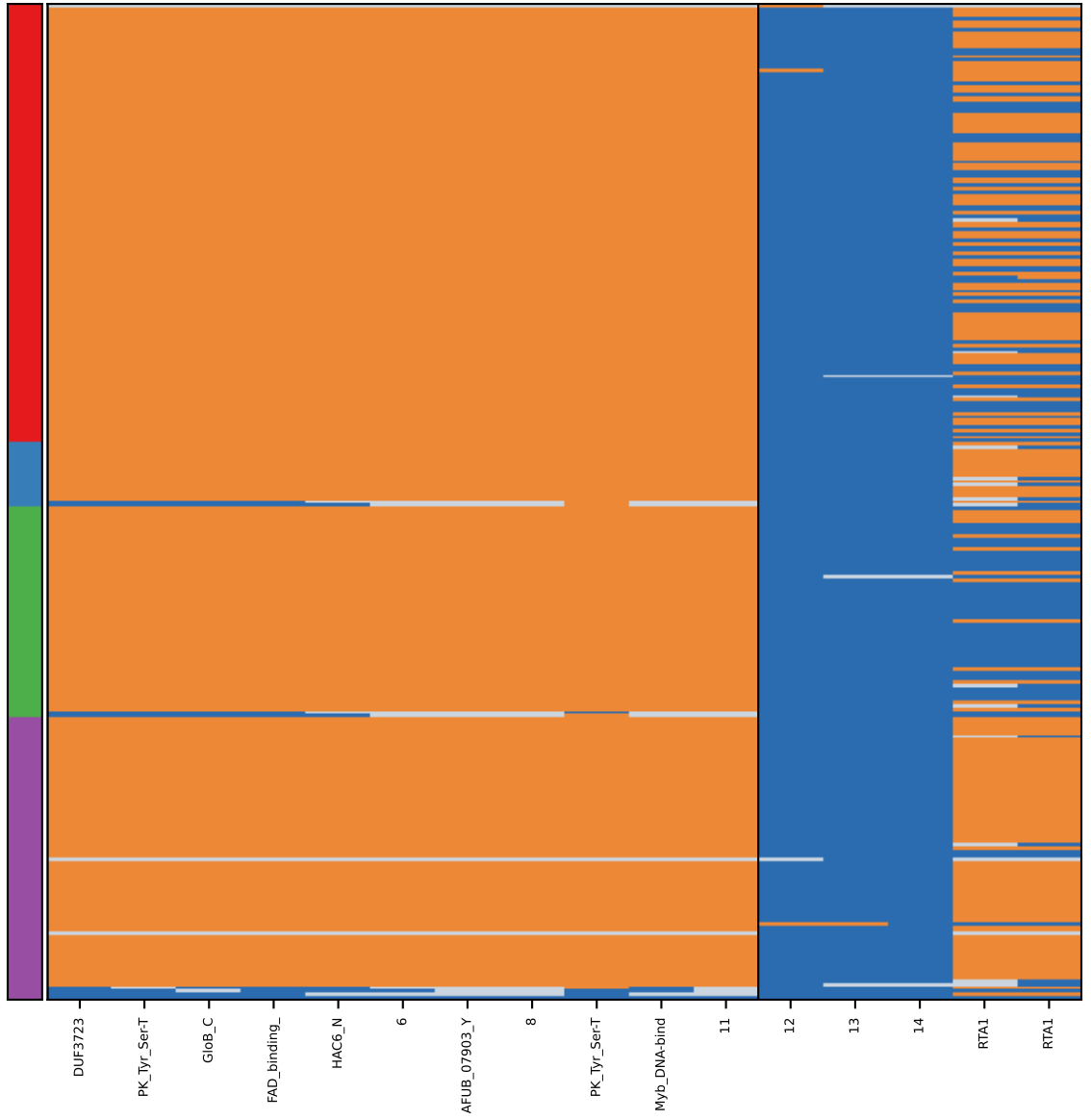


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

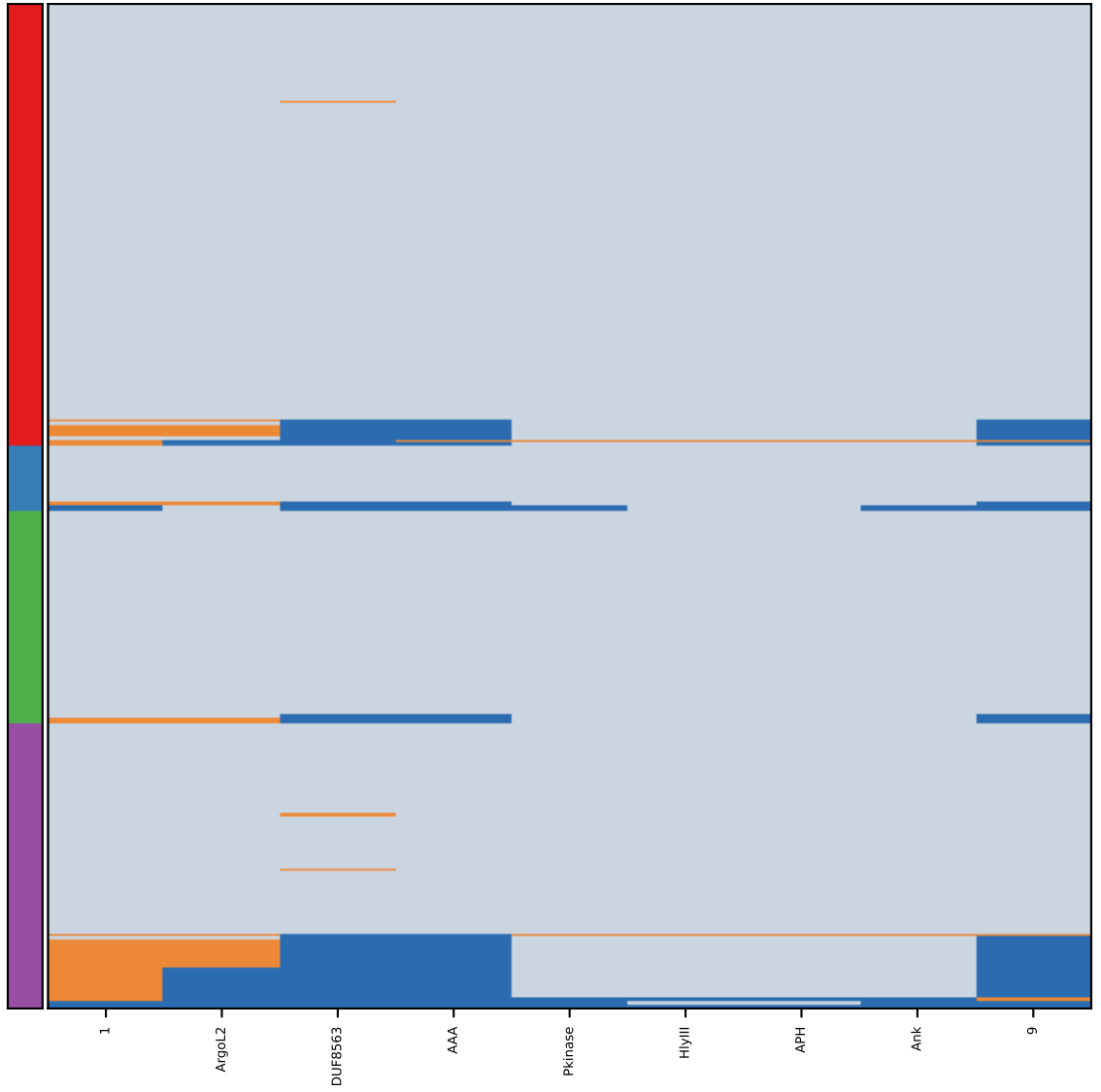
L177 11 genes content 0% of 293 strains type: unresolved



L178 11 genes content 1% of 293 strains type: unresolved Starship: Nebuchadnezzar-h1

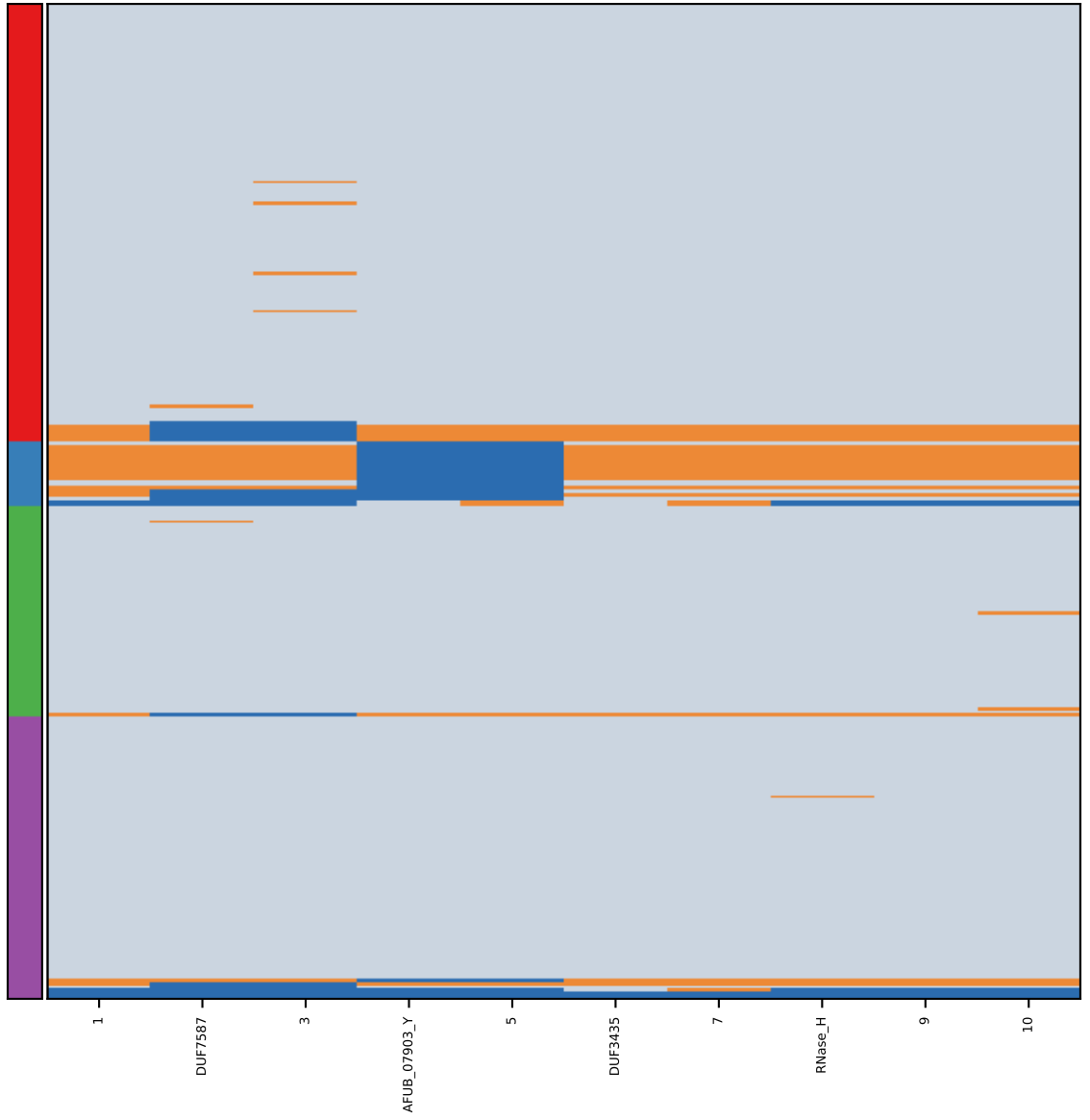


L179 9 genes content 2% of 293 strains type: unresolved

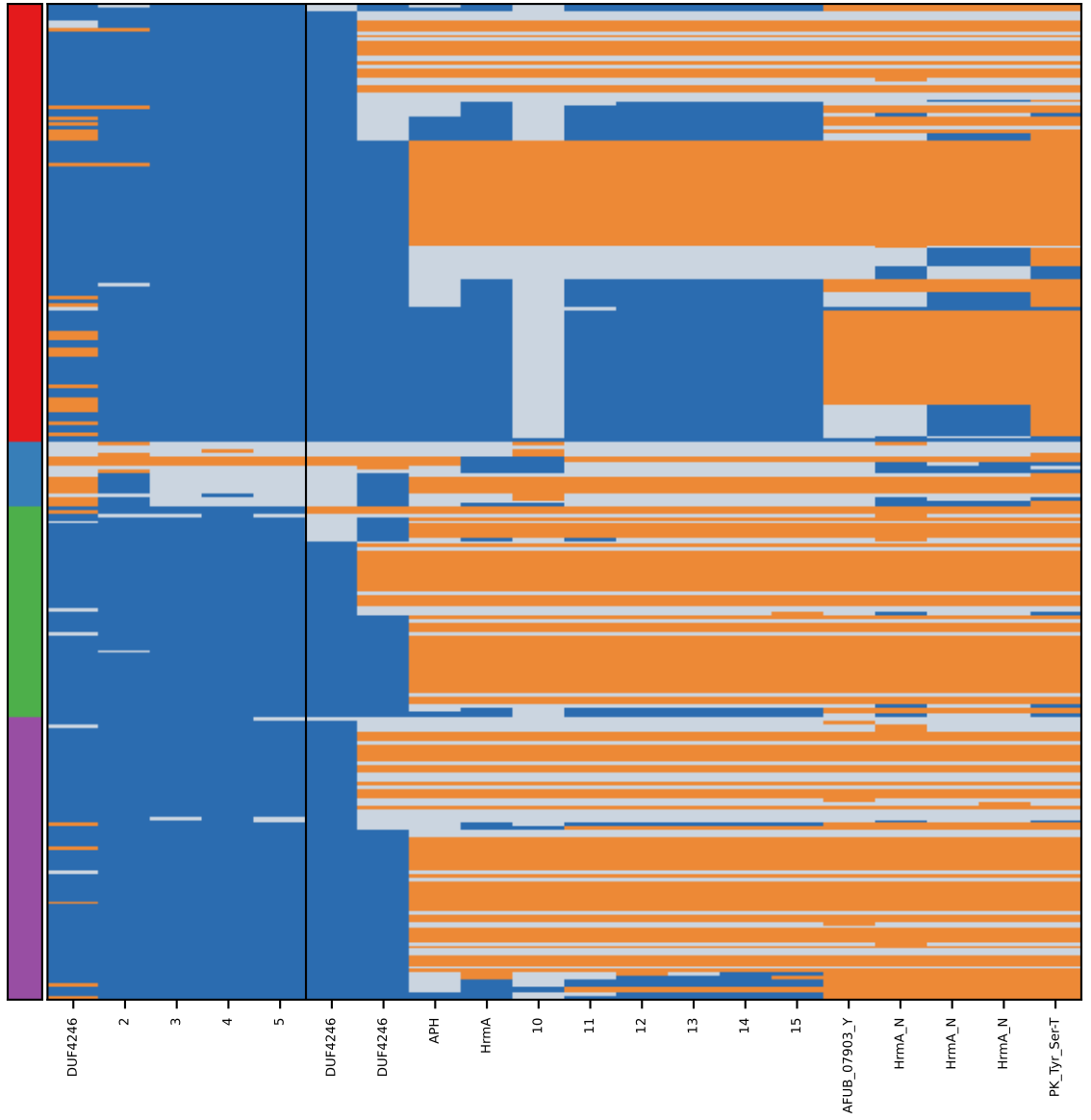


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

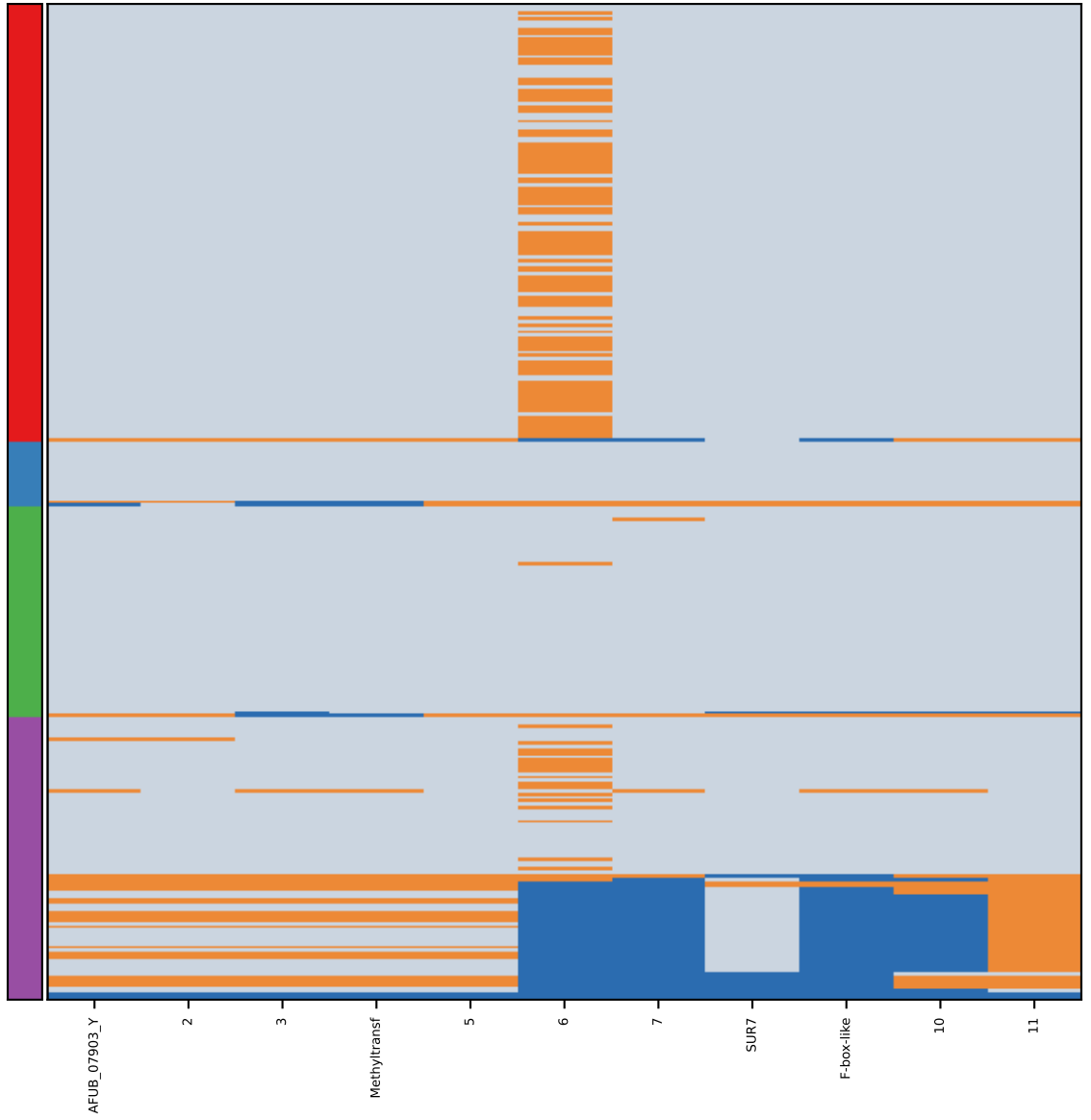
L180 10 genes content 2% of 293 strains type: unresolved



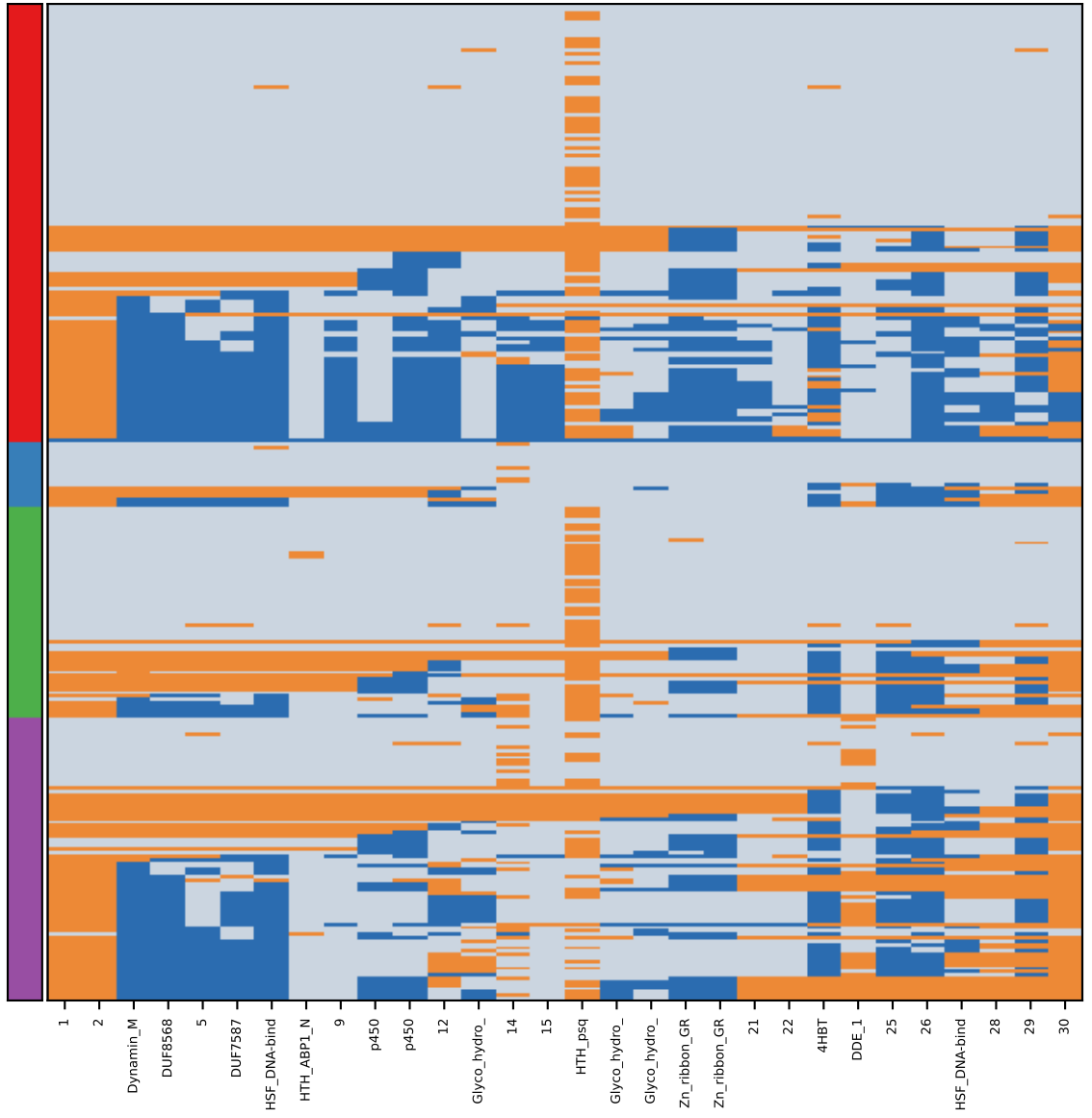
L181 15 genes content 22% of 293 strains type: unresolved



L182 11 genes content 1% of 293 strains type: unresolved

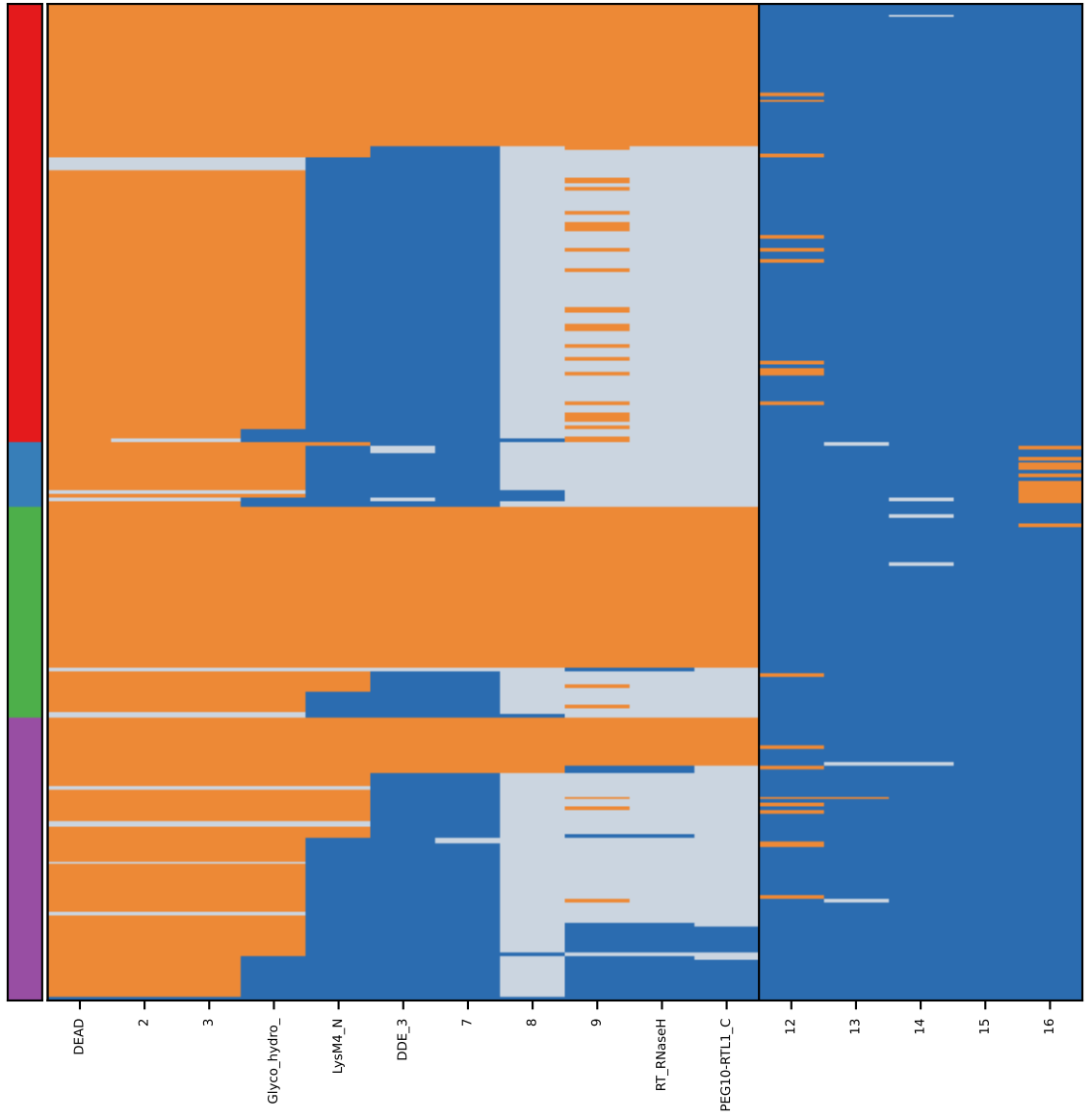


L183 30 genes content 9% of 293 strains type: unresolved

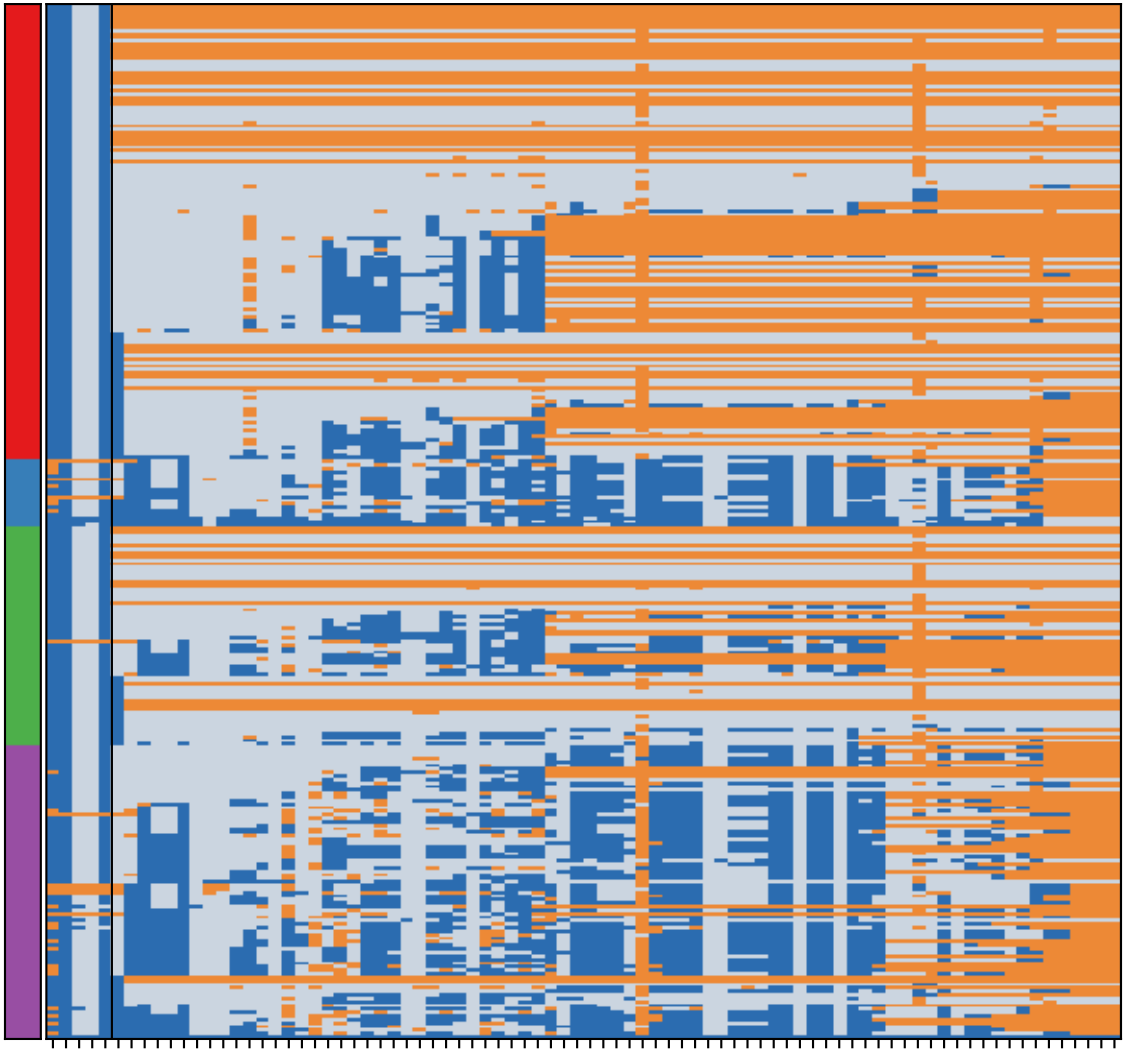


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L184 11 genes content 7% of 293 strains type: unresolved Starship: Gnosis-h1

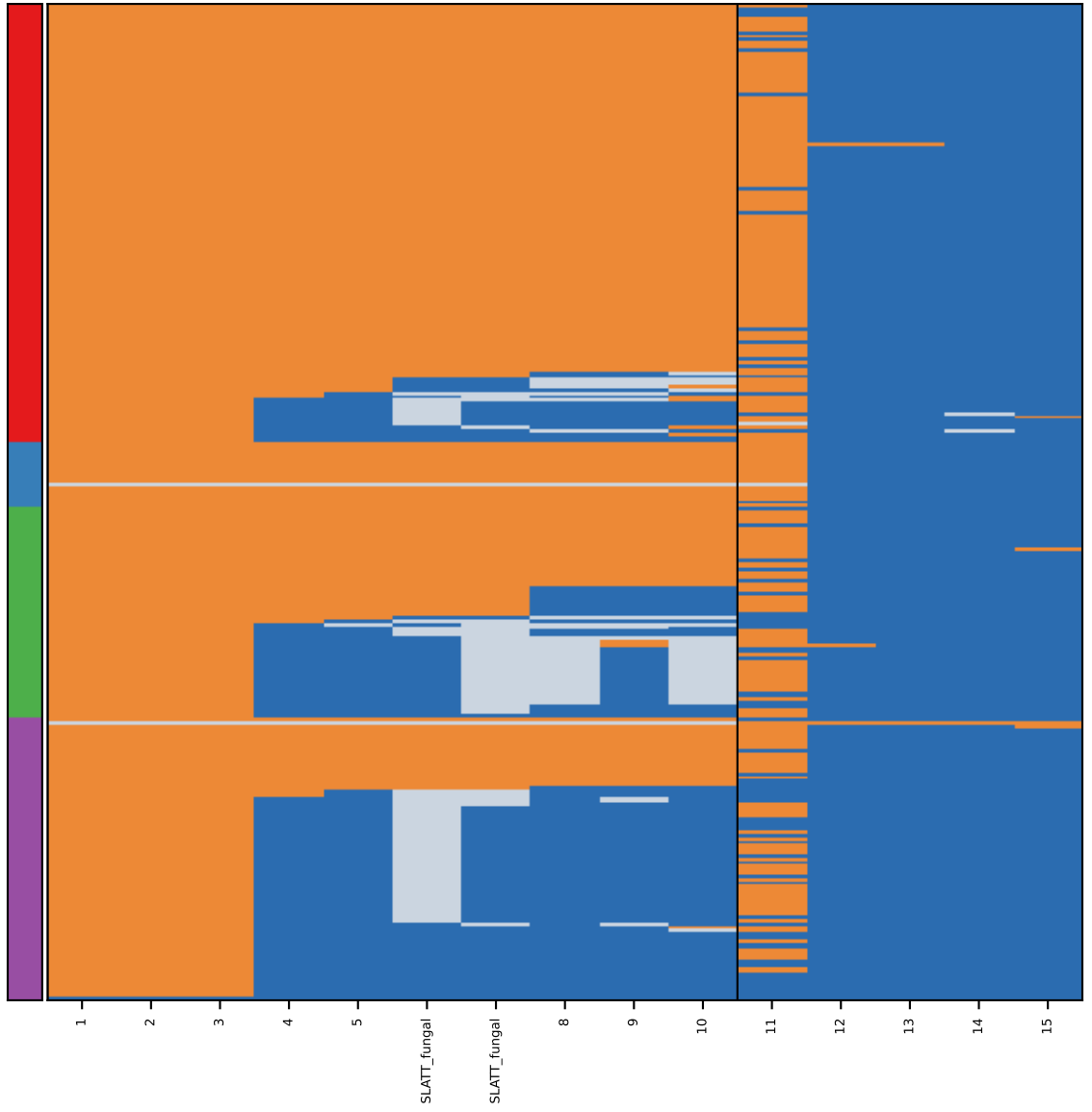


L185 77 genes content 6% of 293 strains type: unresolved Starship: Lamia-h4

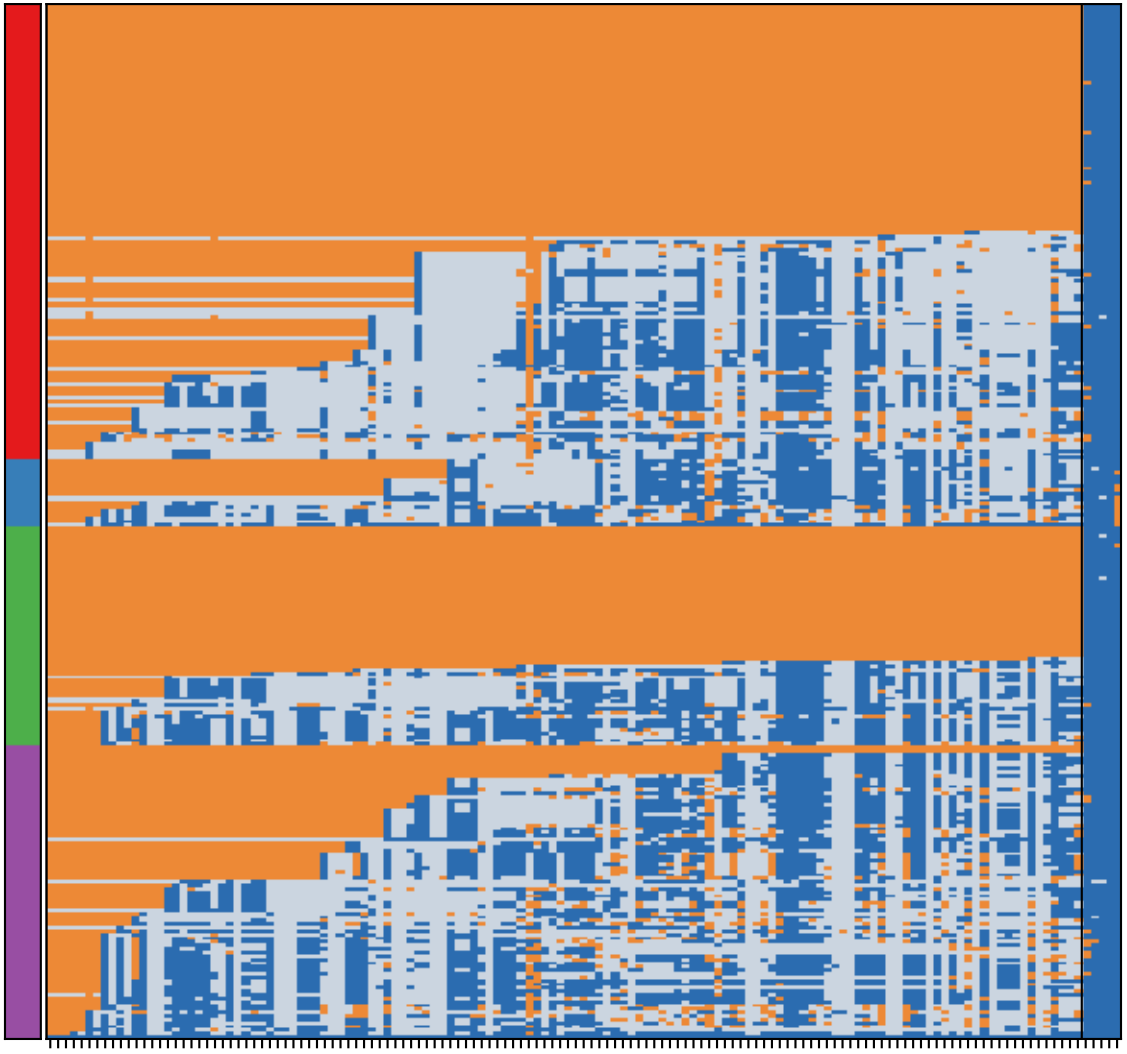


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L186 10 genes content 26% of 293 strains type: unresolved

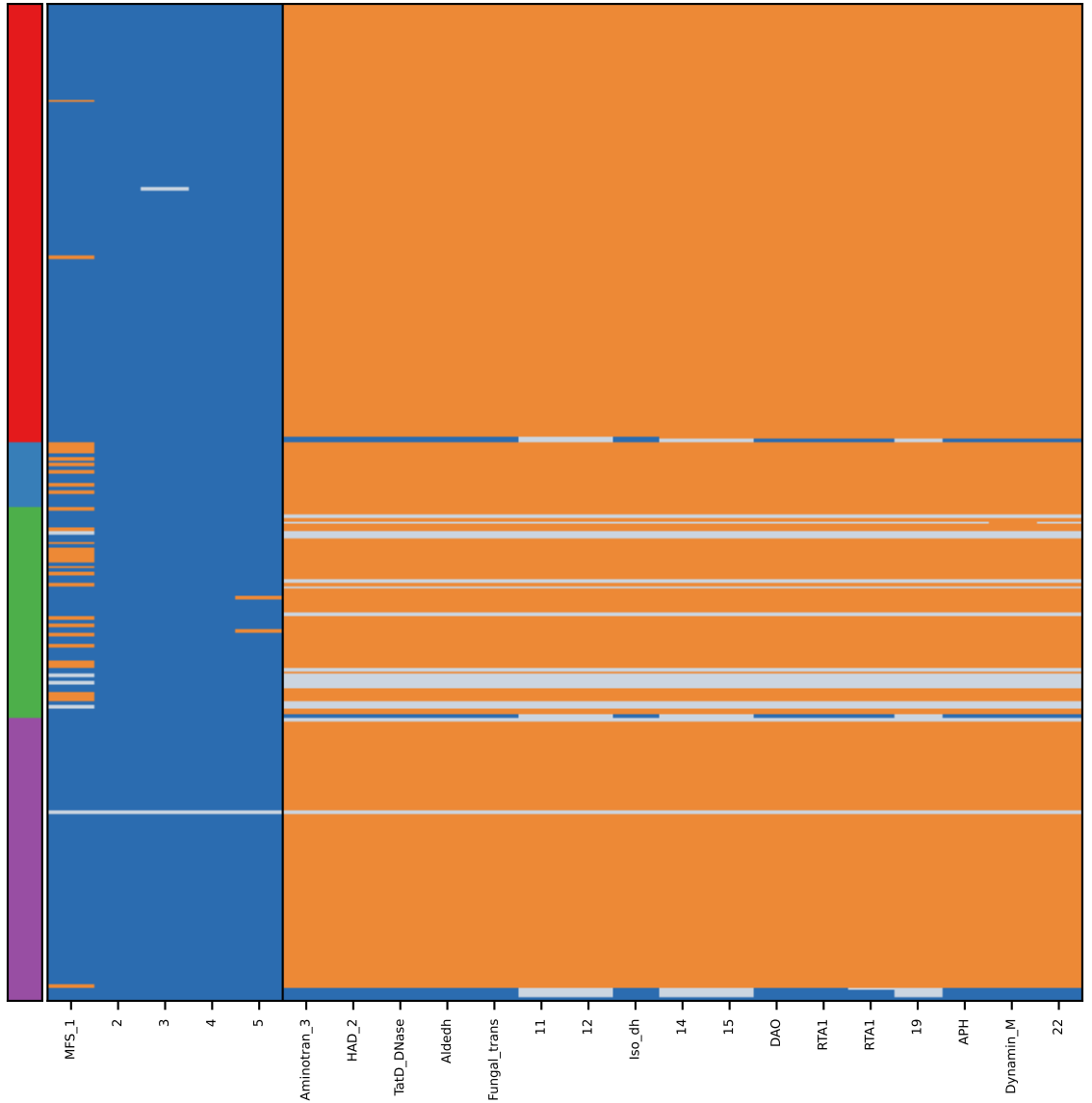


L187 132 genes content 5% of 293 strains type: unresolved Starship: Janus (likely)-h2 (likely)

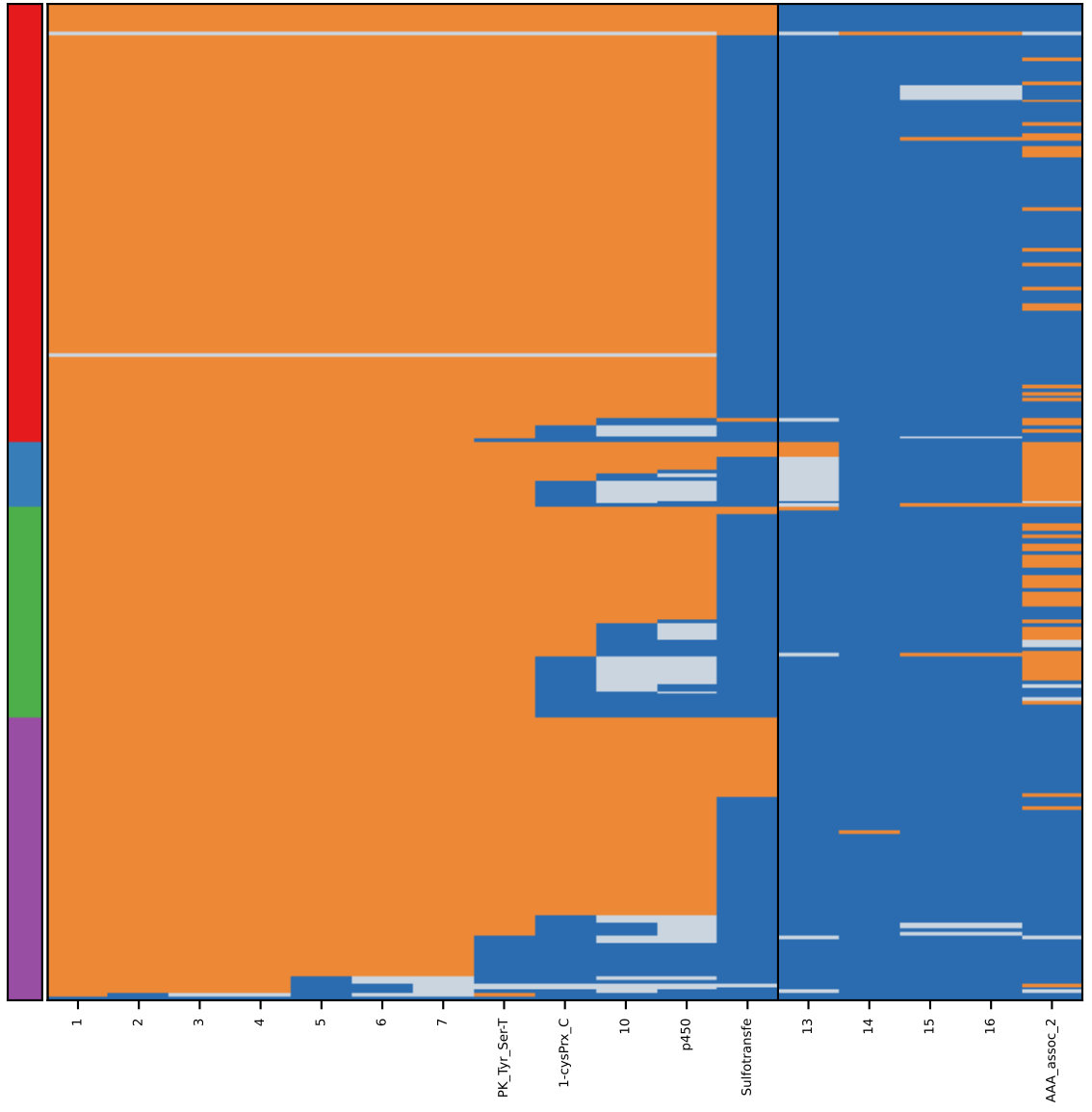


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

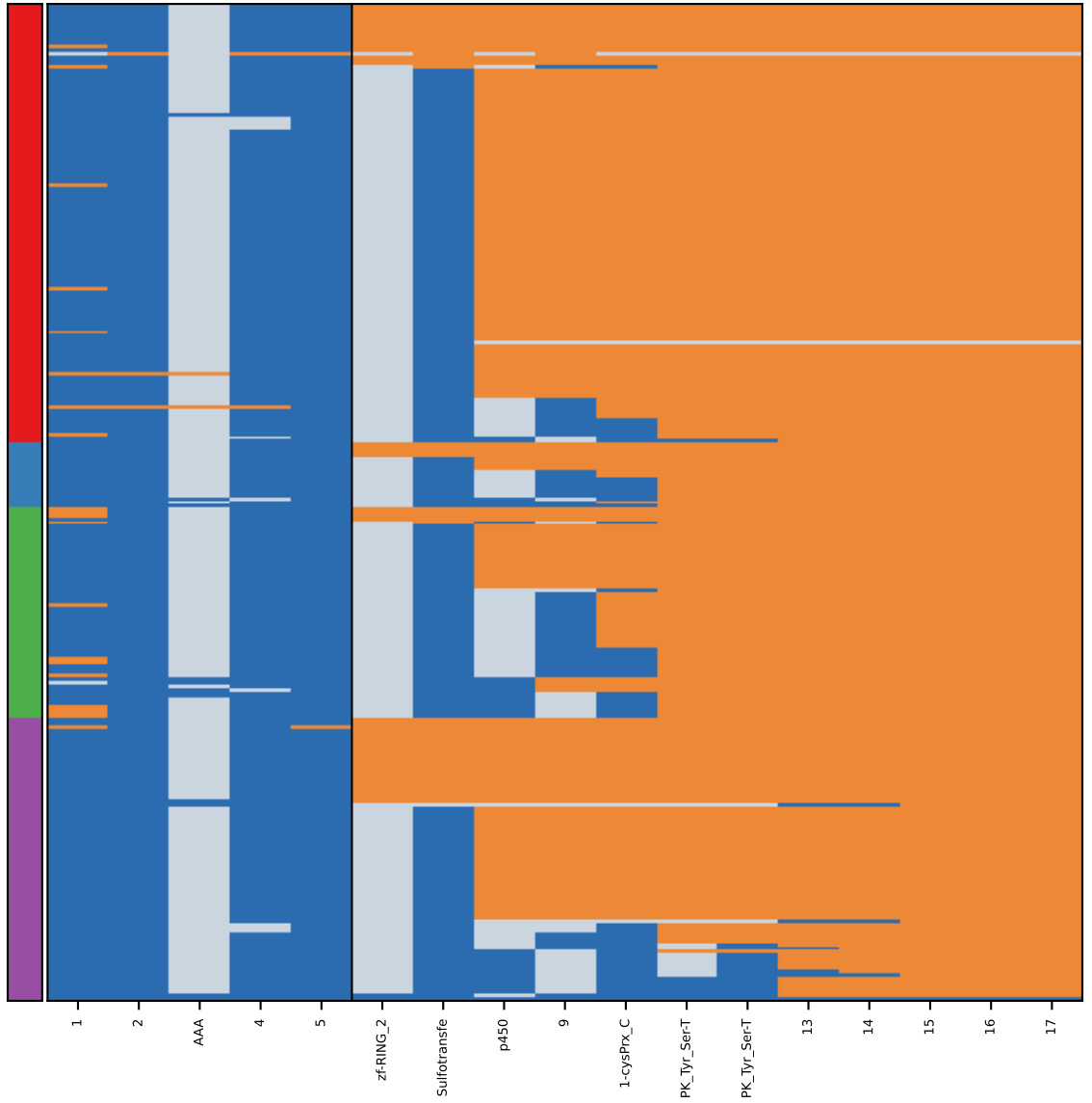
L188 17 genes content 2% of 293 strains type: unresolved



L189 12 genes content 1% of 293 strains type: unresolved Starship: Nebuchadnezzar-h1

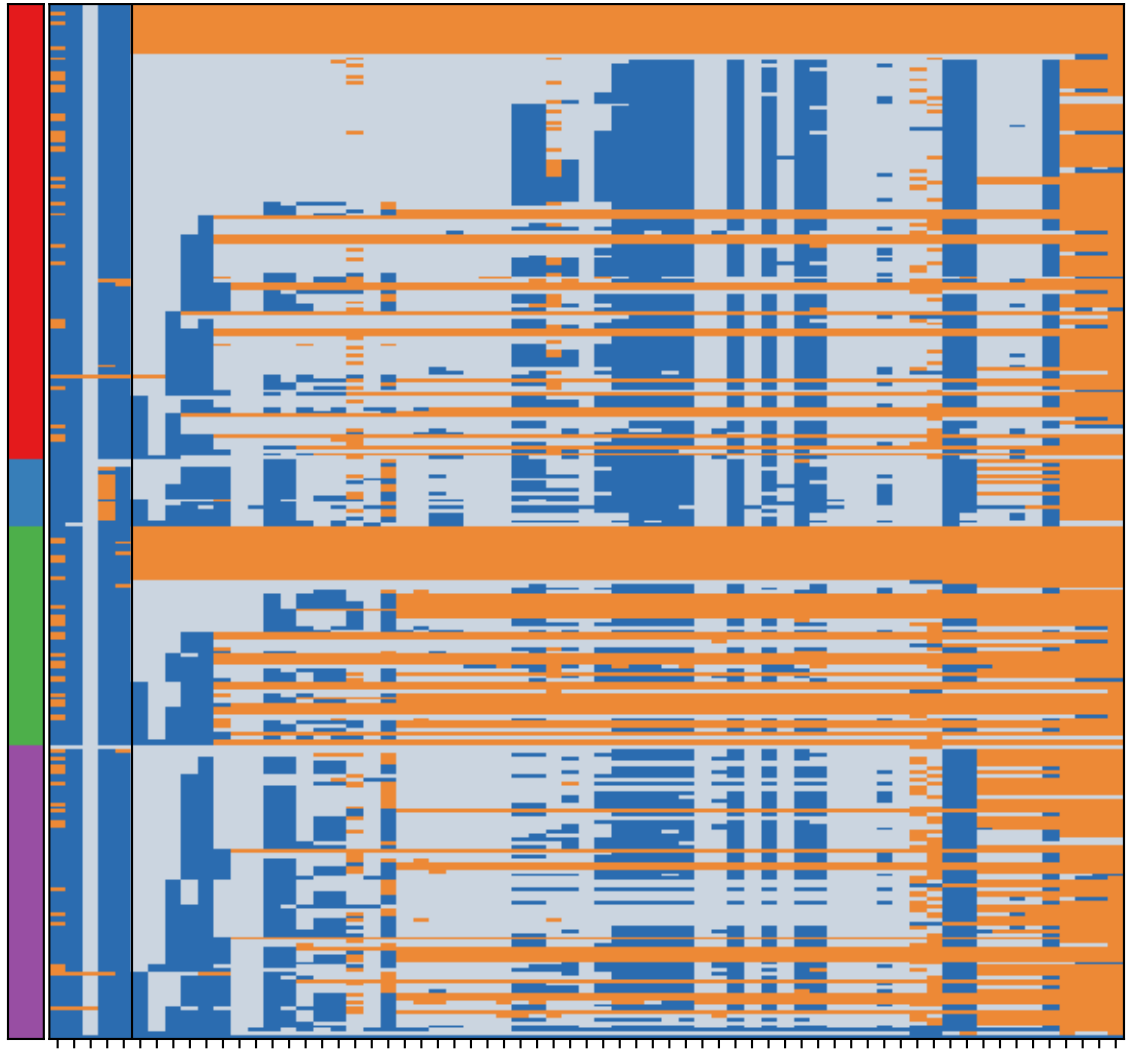


L190 12 genes content 1% of 293 strains type: unresolved Starship: Nebuchadnezzar-h1



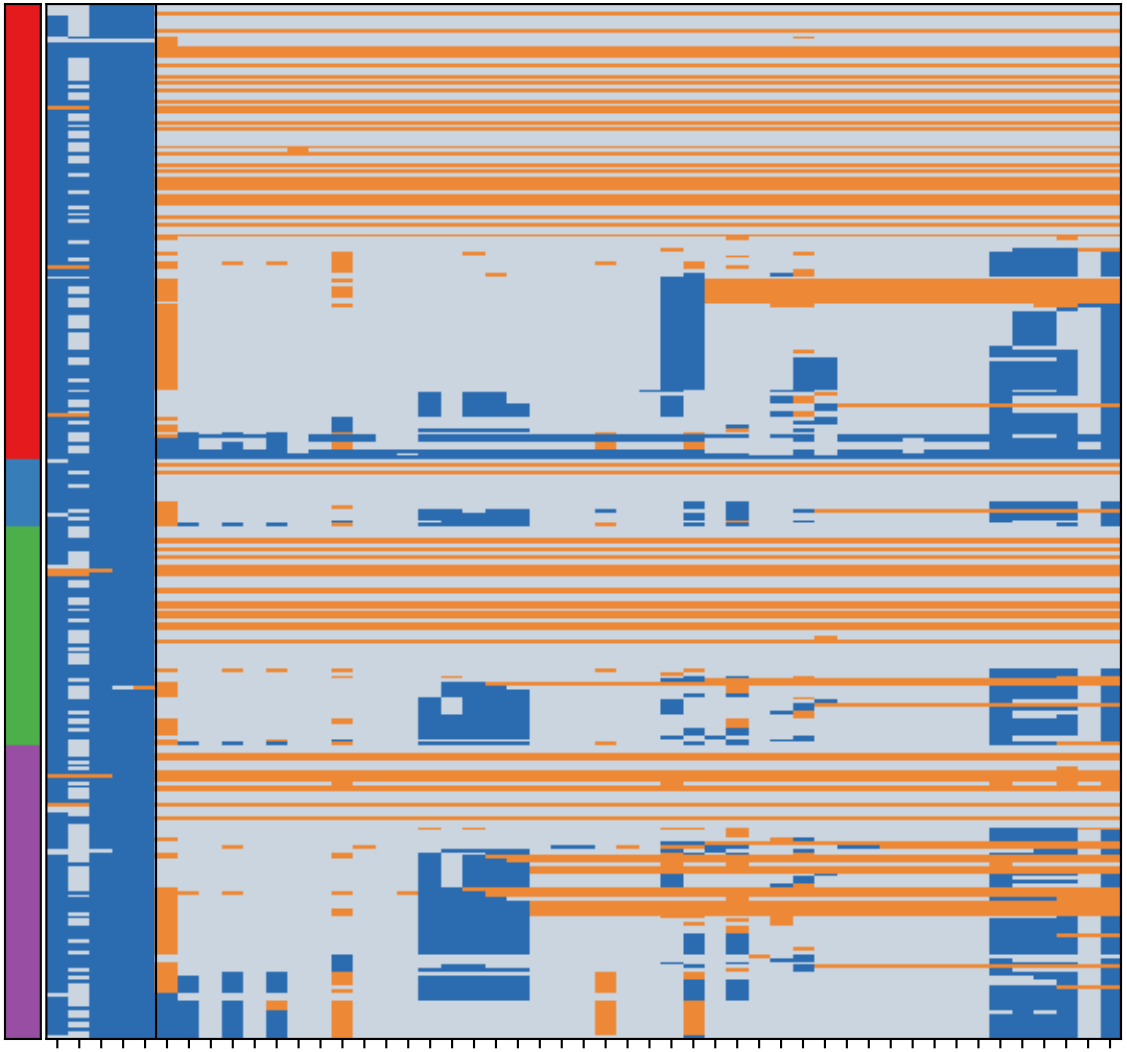
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L191 60 genes content 1% of 293 strains type: unresolved Starship: Gnosis-h1



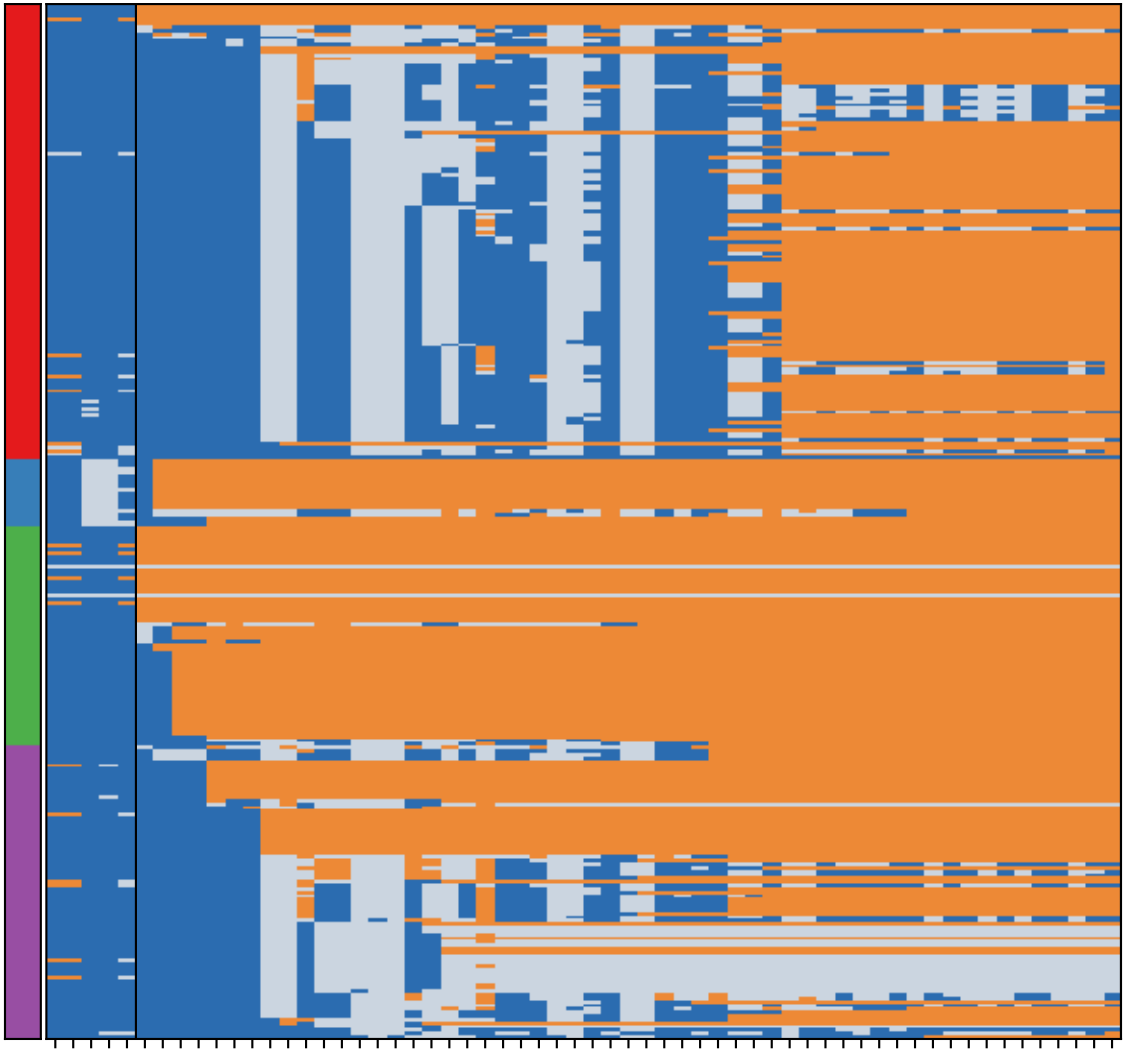
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L192 44 genes content 2% of 293 strains type: unresolved



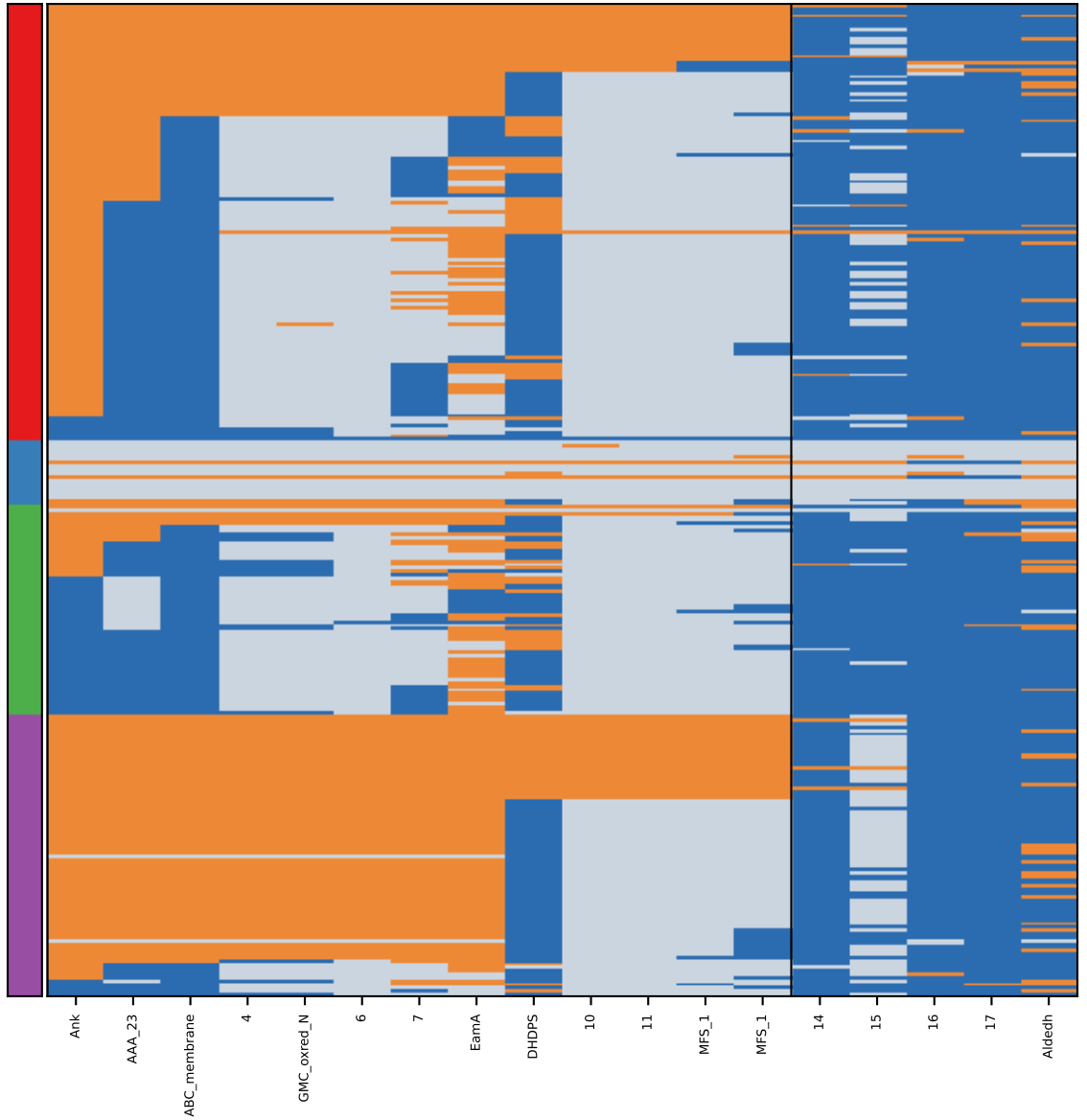
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L193 55 genes content 9% of 293 strains type: unresolved

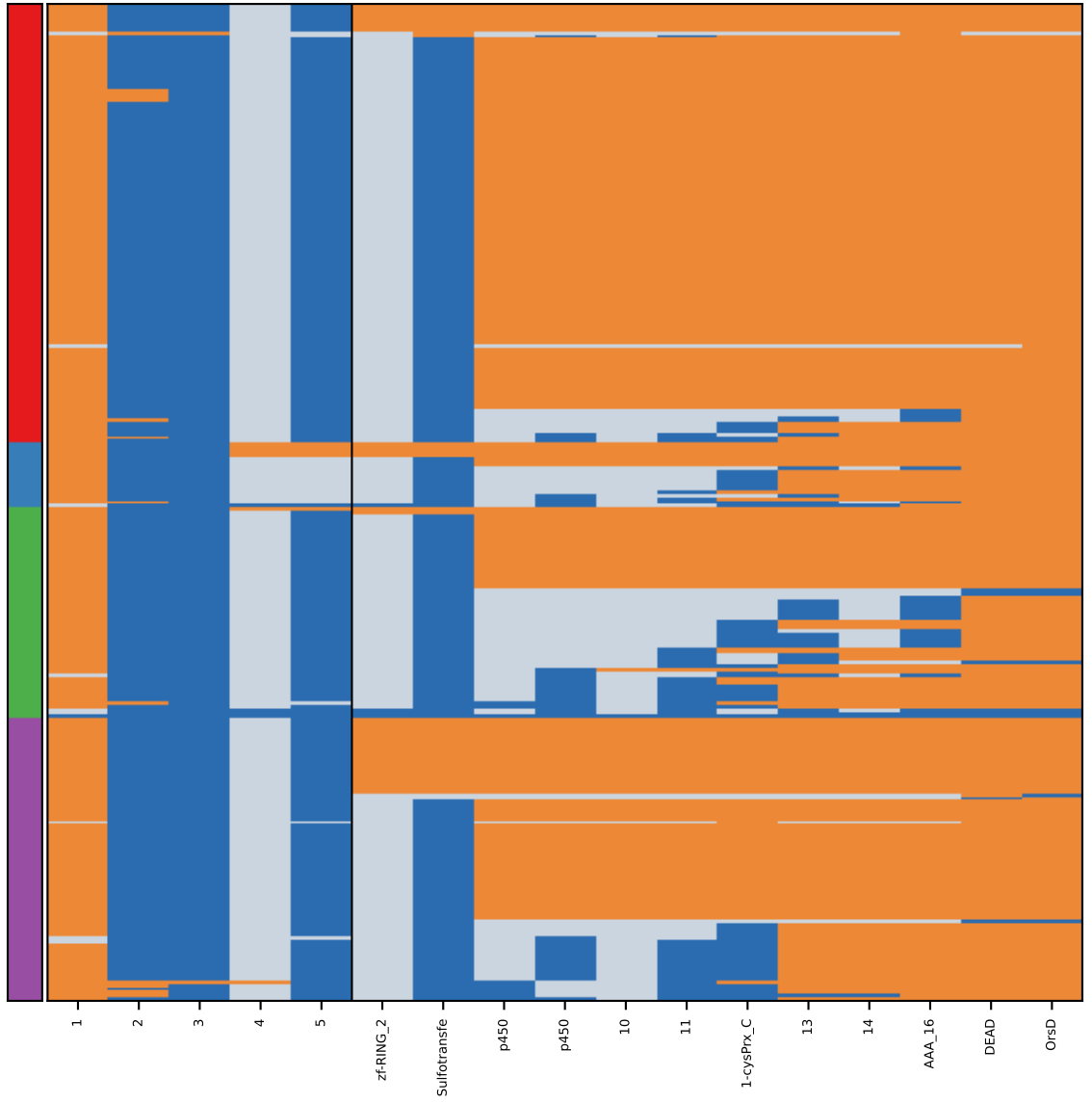


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L194 13 genes content 1% of 293 strains type: unresolved

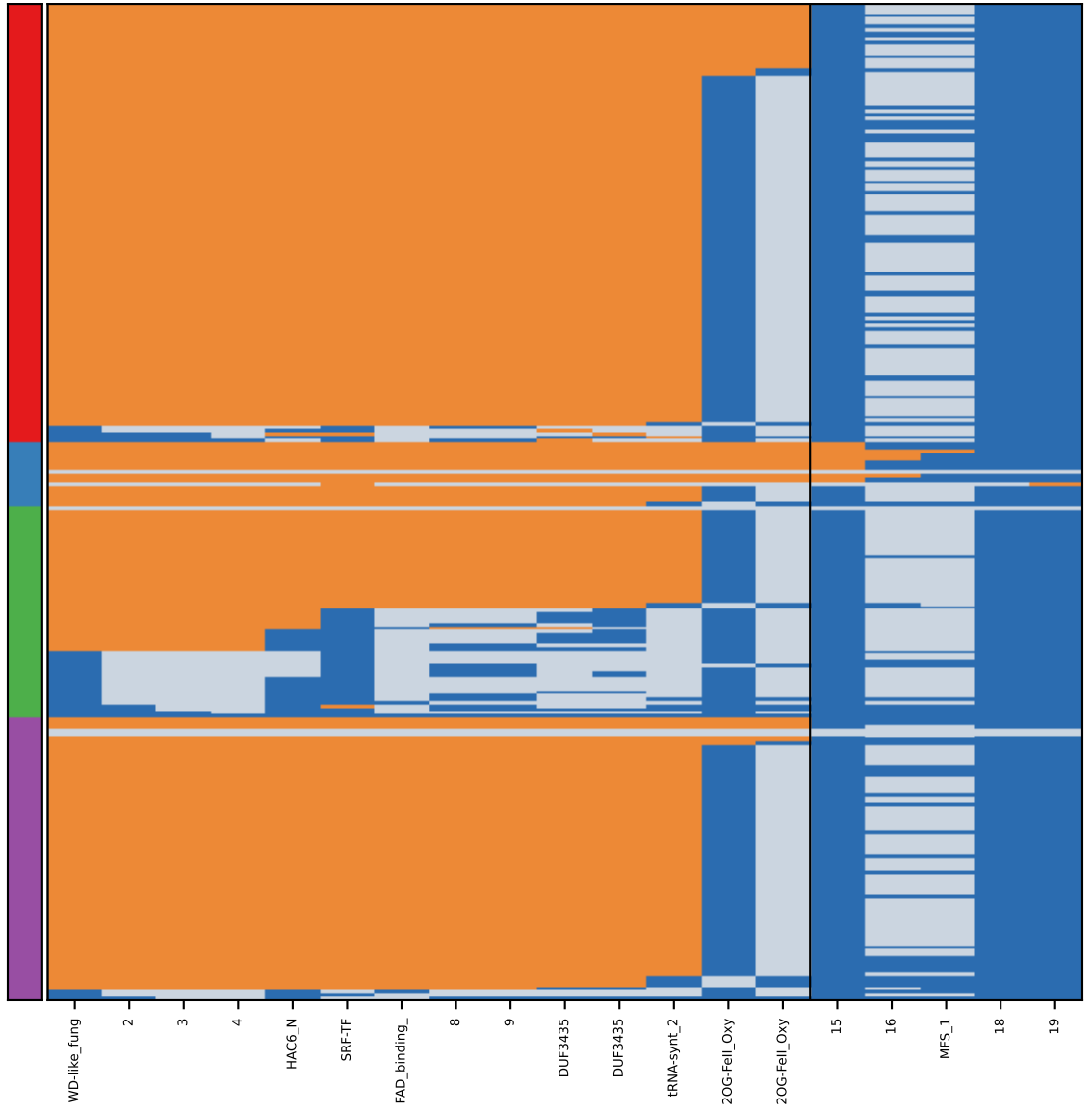


L195 12 genes content 2% of 293 strains type: unresolved Starship: Nebuchadnezzar-h1

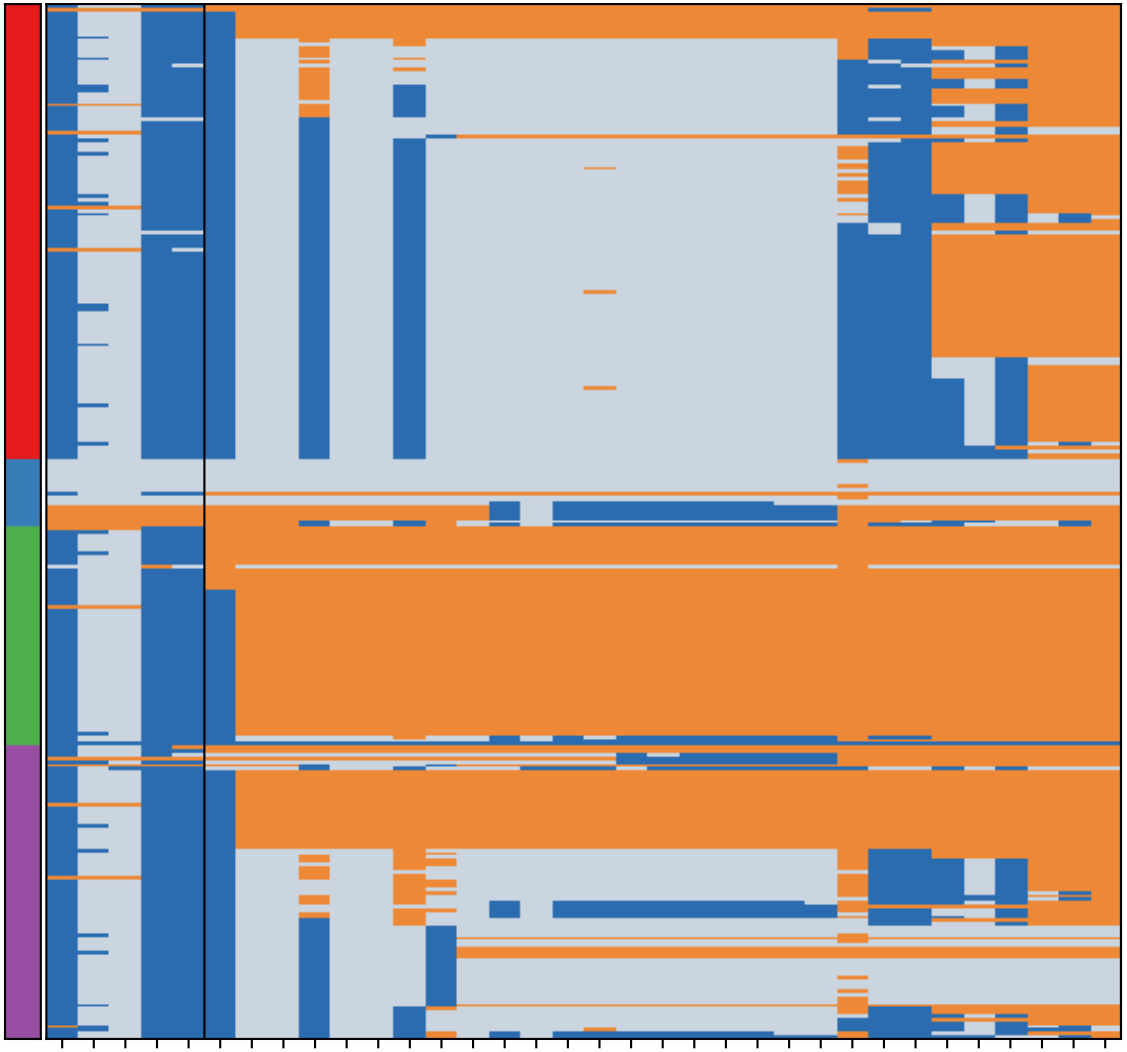


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L196 14 genes content 3% of 293 strains type: unresolved

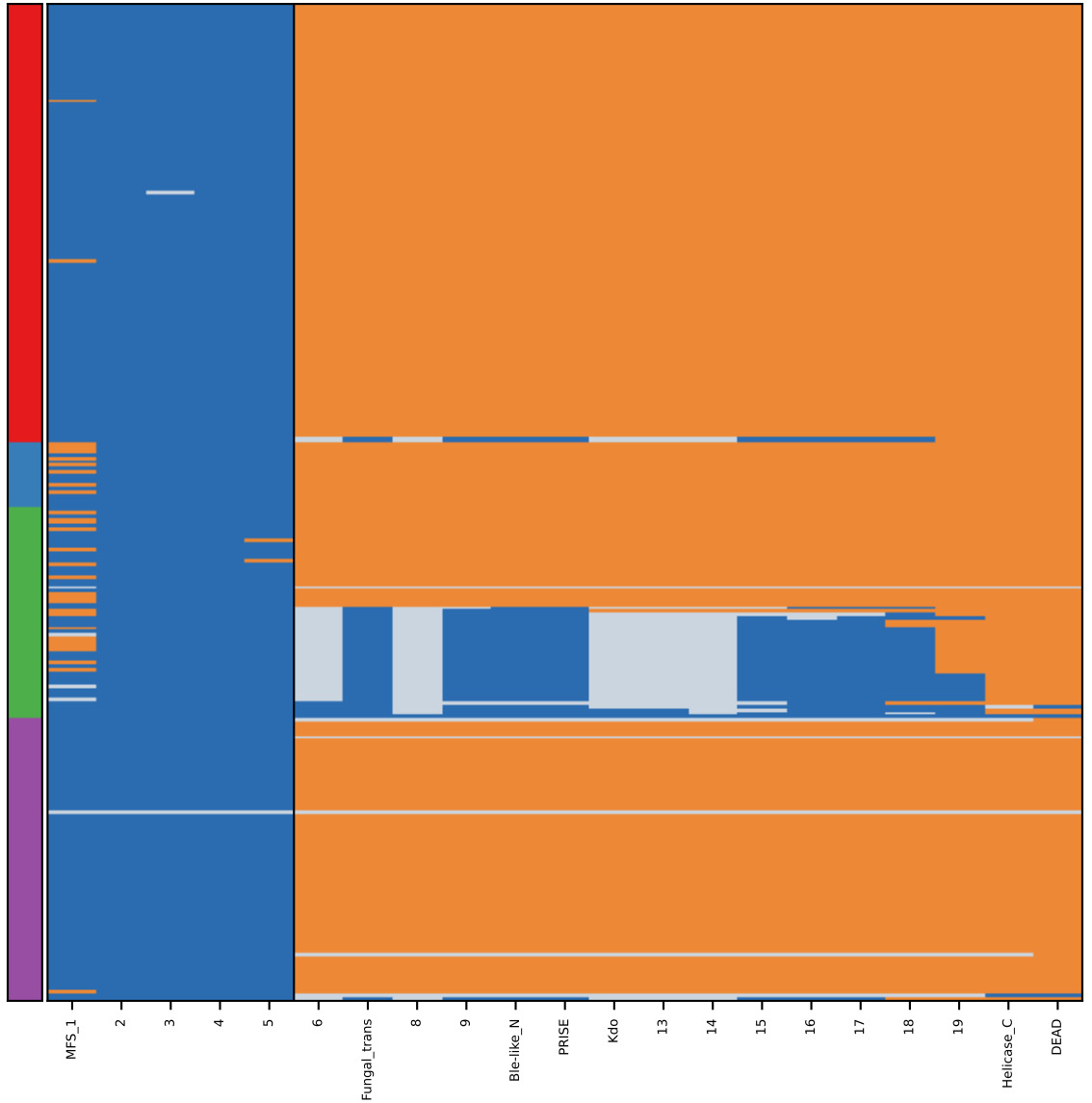


L197 29 genes content 1% of 293 strains type: unresolved

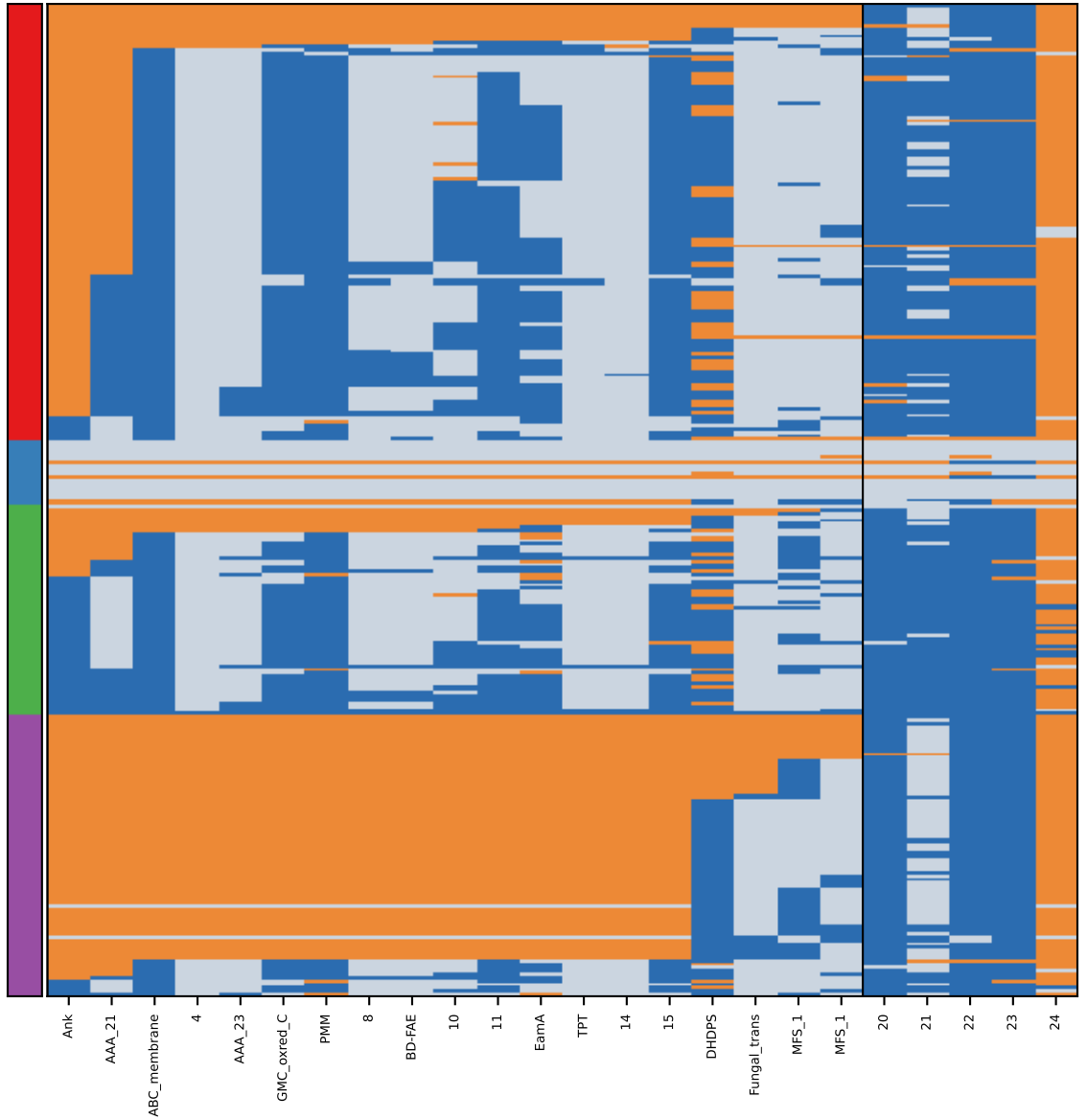


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

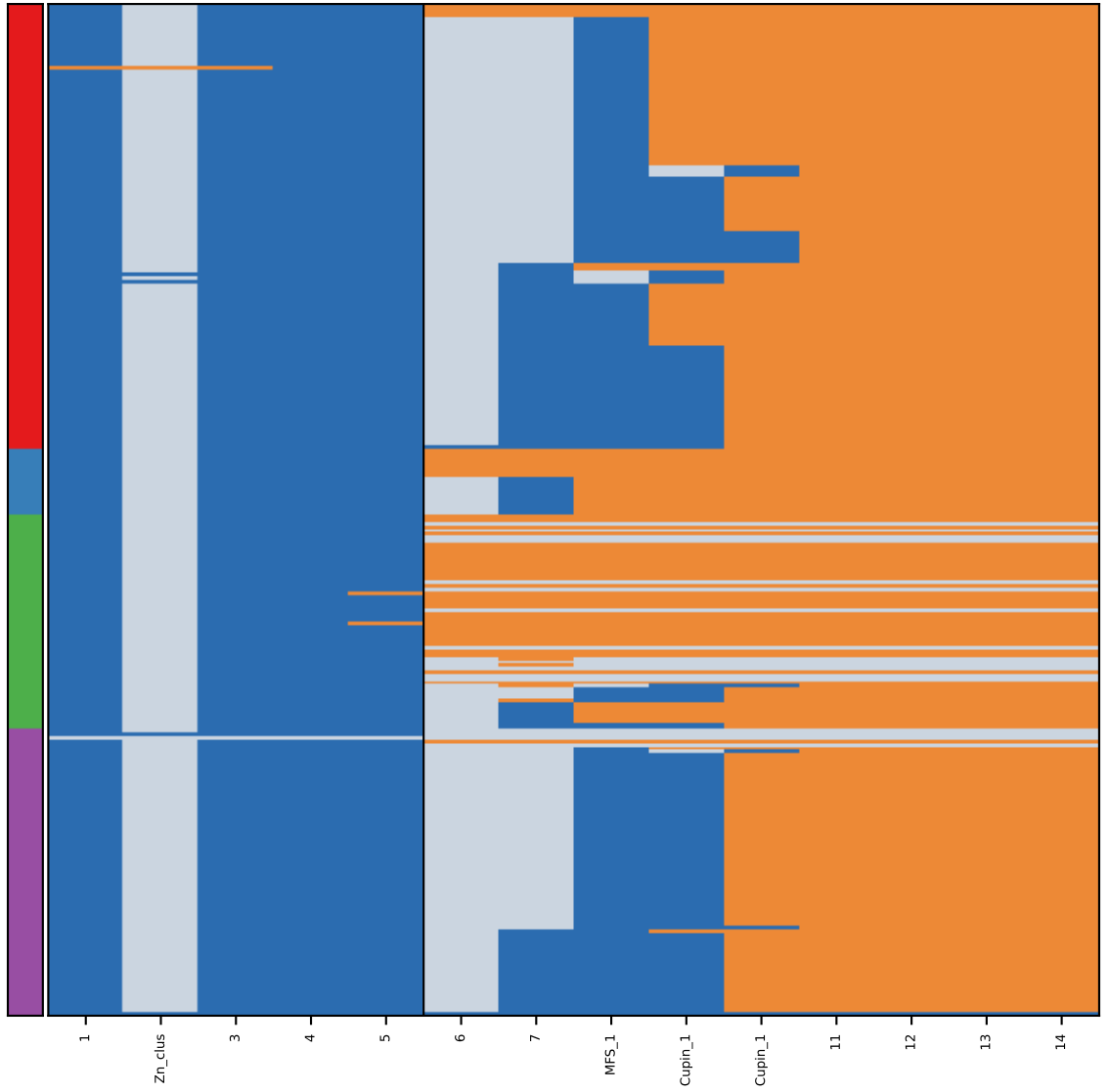
L198 16 genes content 10% of 293 strains type: unresolved



L199 19 genes content 8% of 293 strains type: unresolved

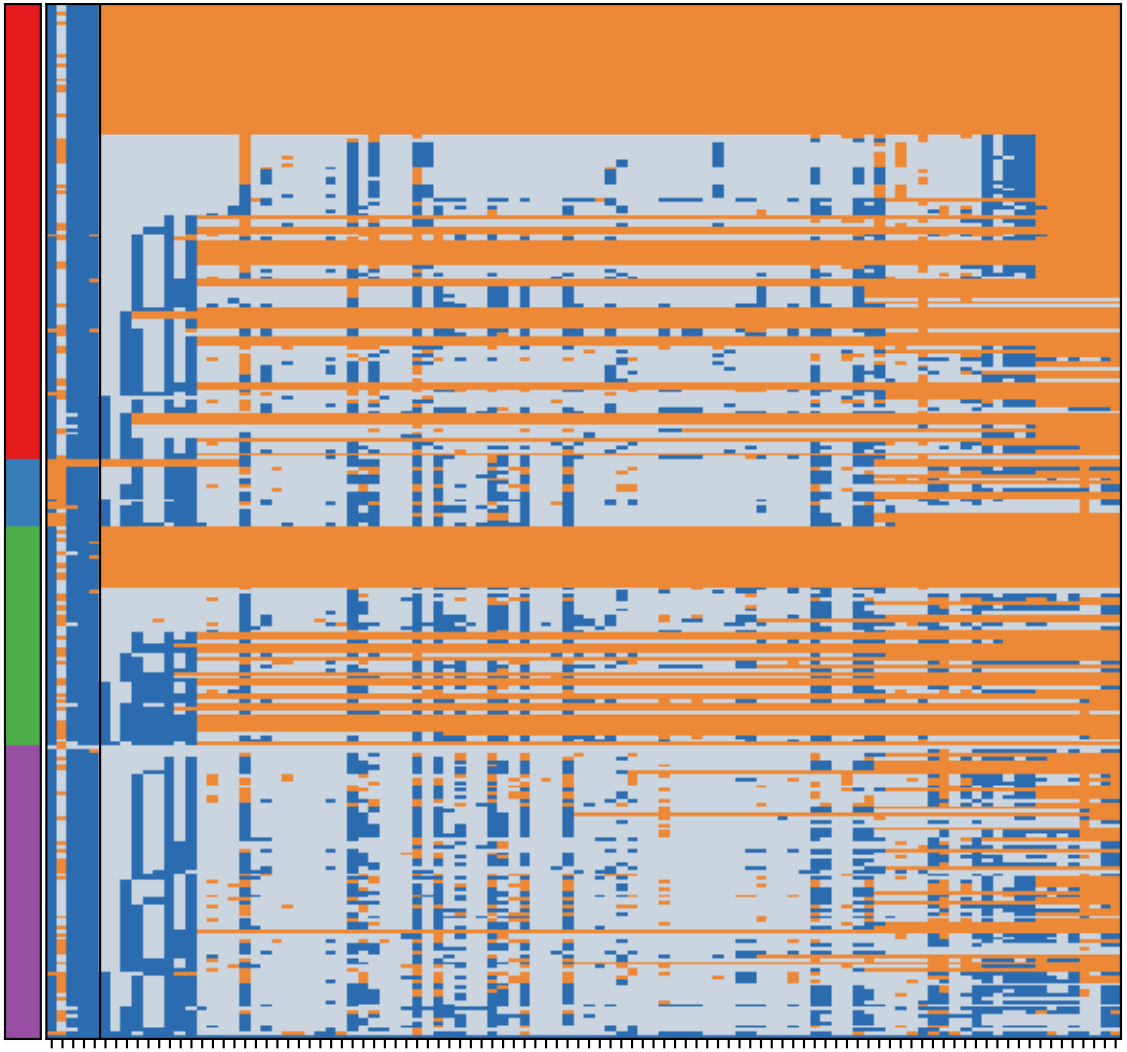


L200 9 genes content 0% of 293 strains type: unresolved



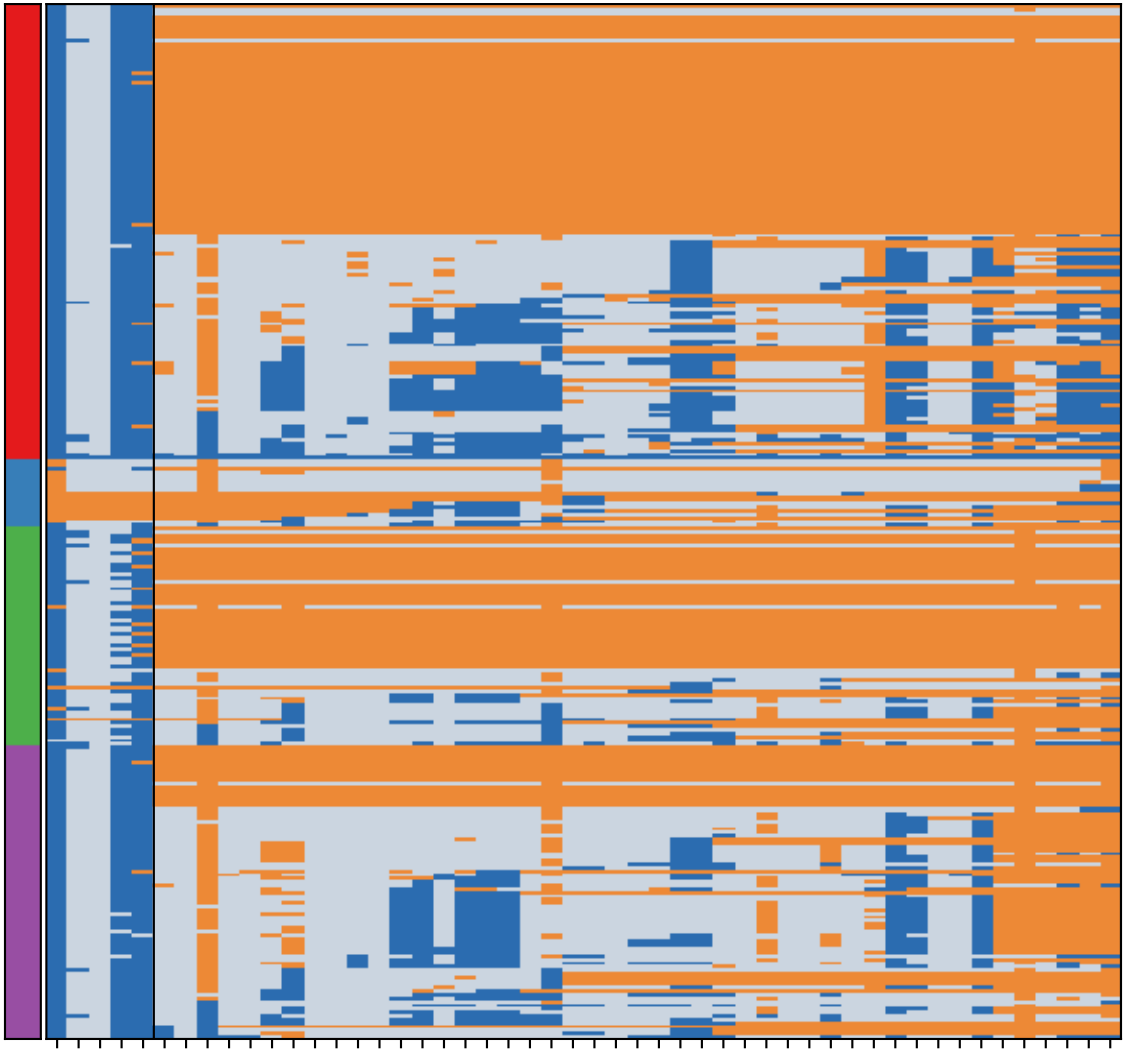
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L201 95 genes content 0% of 293 strains type: unresolved Starship: Janus (likely)-h2 (likely)



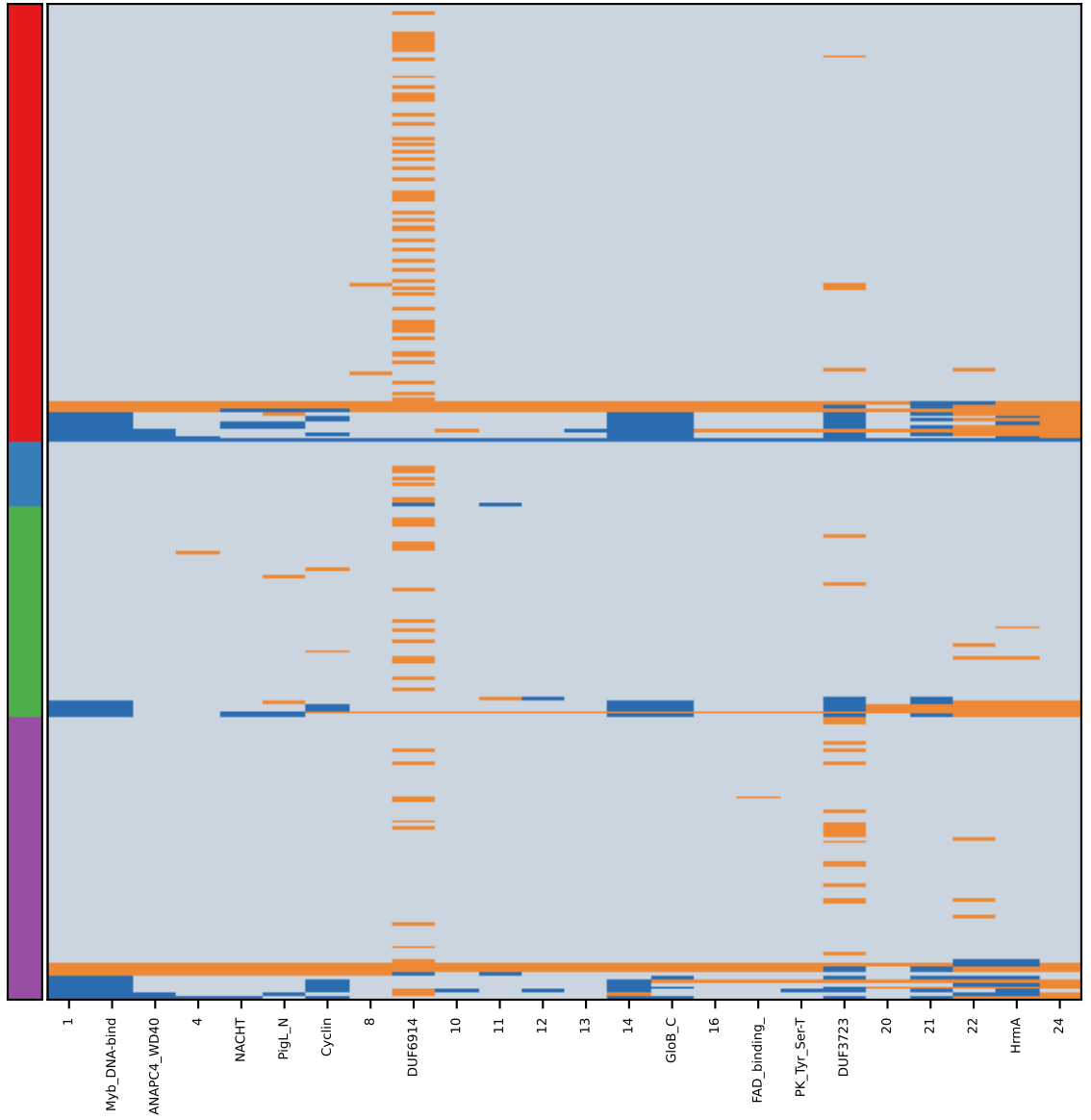
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L202 45 genes content 1% of 293 strains type: unresolved Starship: Janus (likely)-h2 (likely)

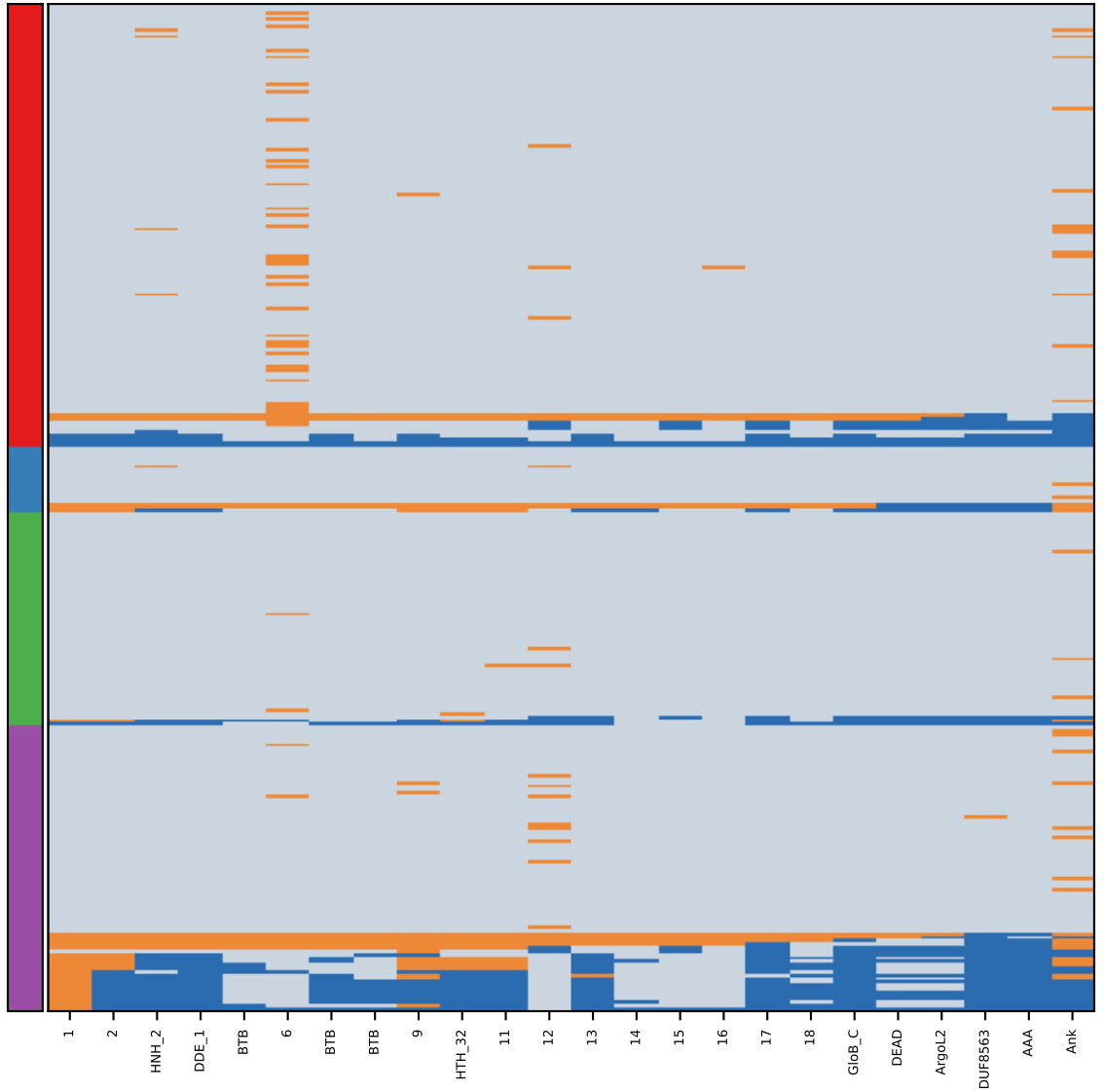


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L203 24 genes content 0% of 293 strains type: unresolved Starship: Lamia-h4

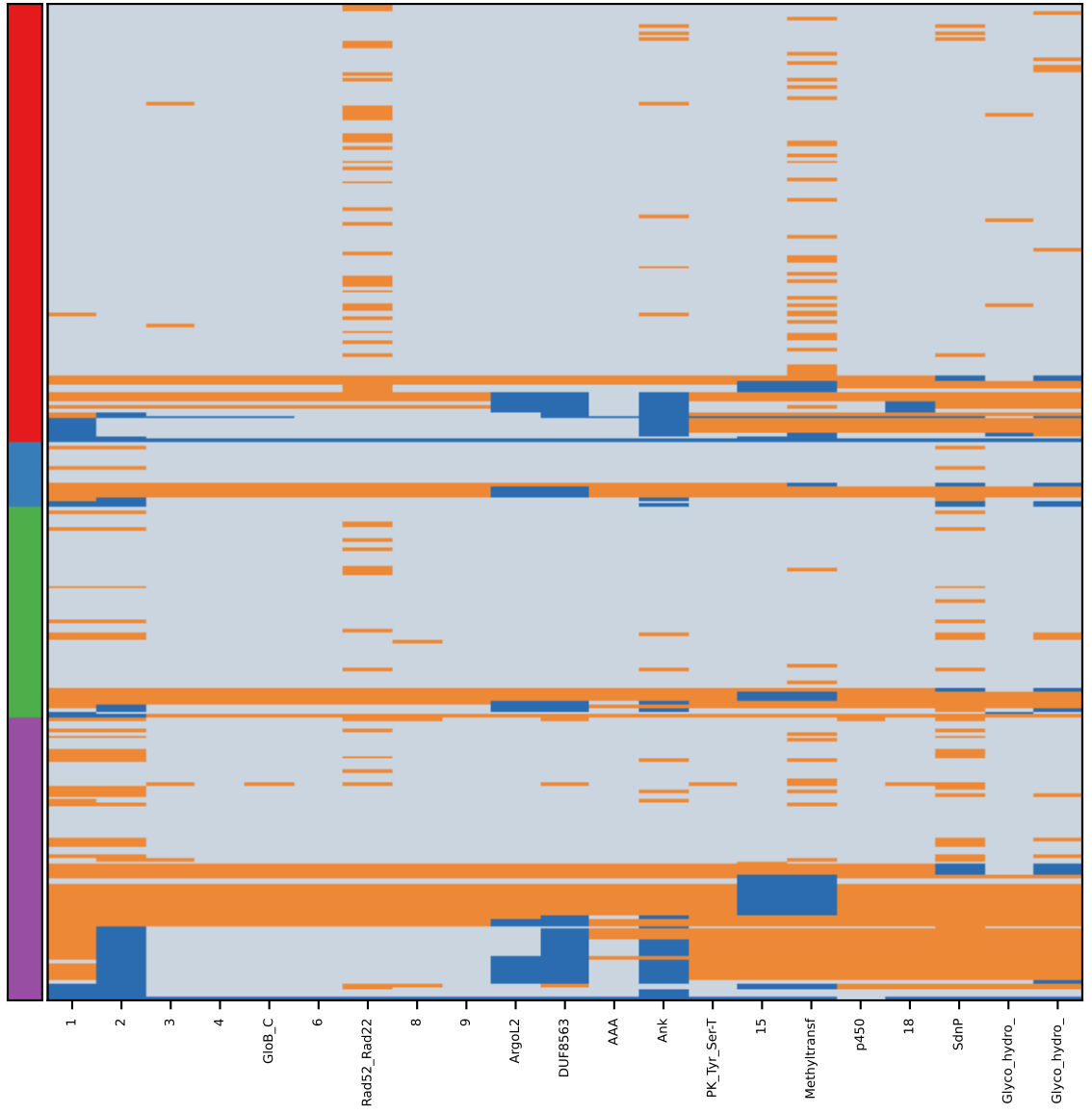


L204 24 genes content 6% of 293 strains type: unresolved

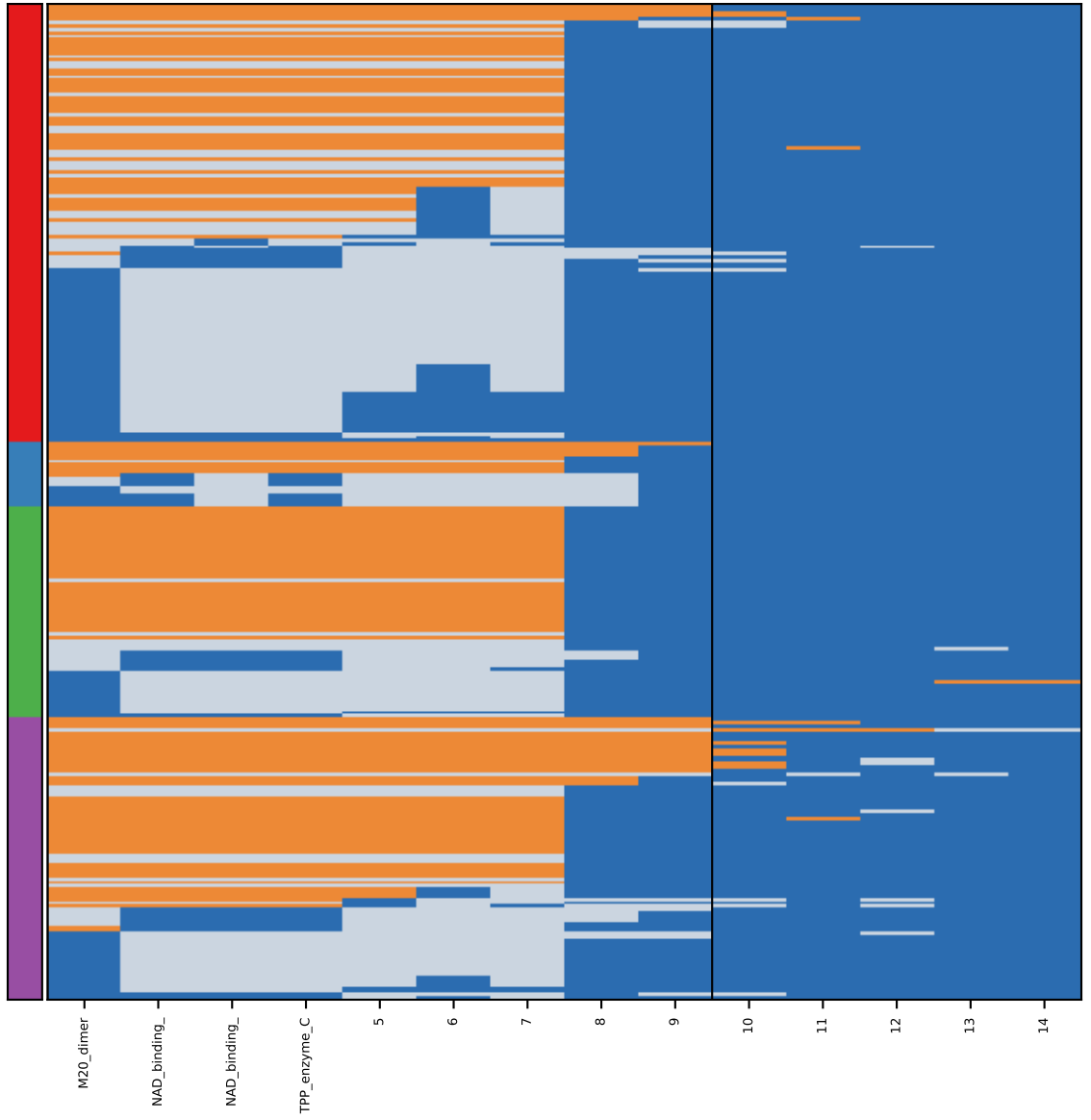


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

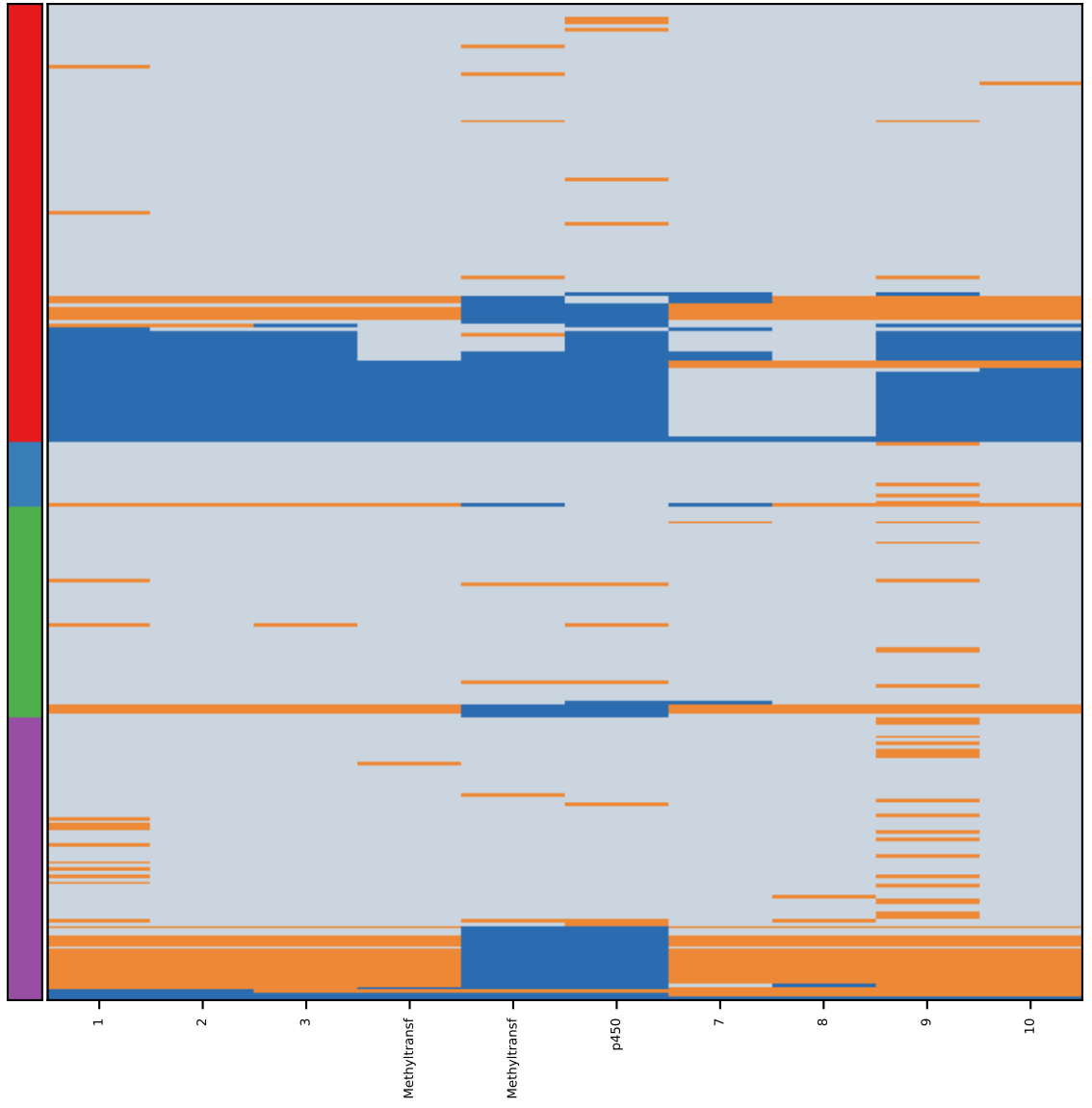
L205 21 genes content 1% of 293 strains type: unresolved



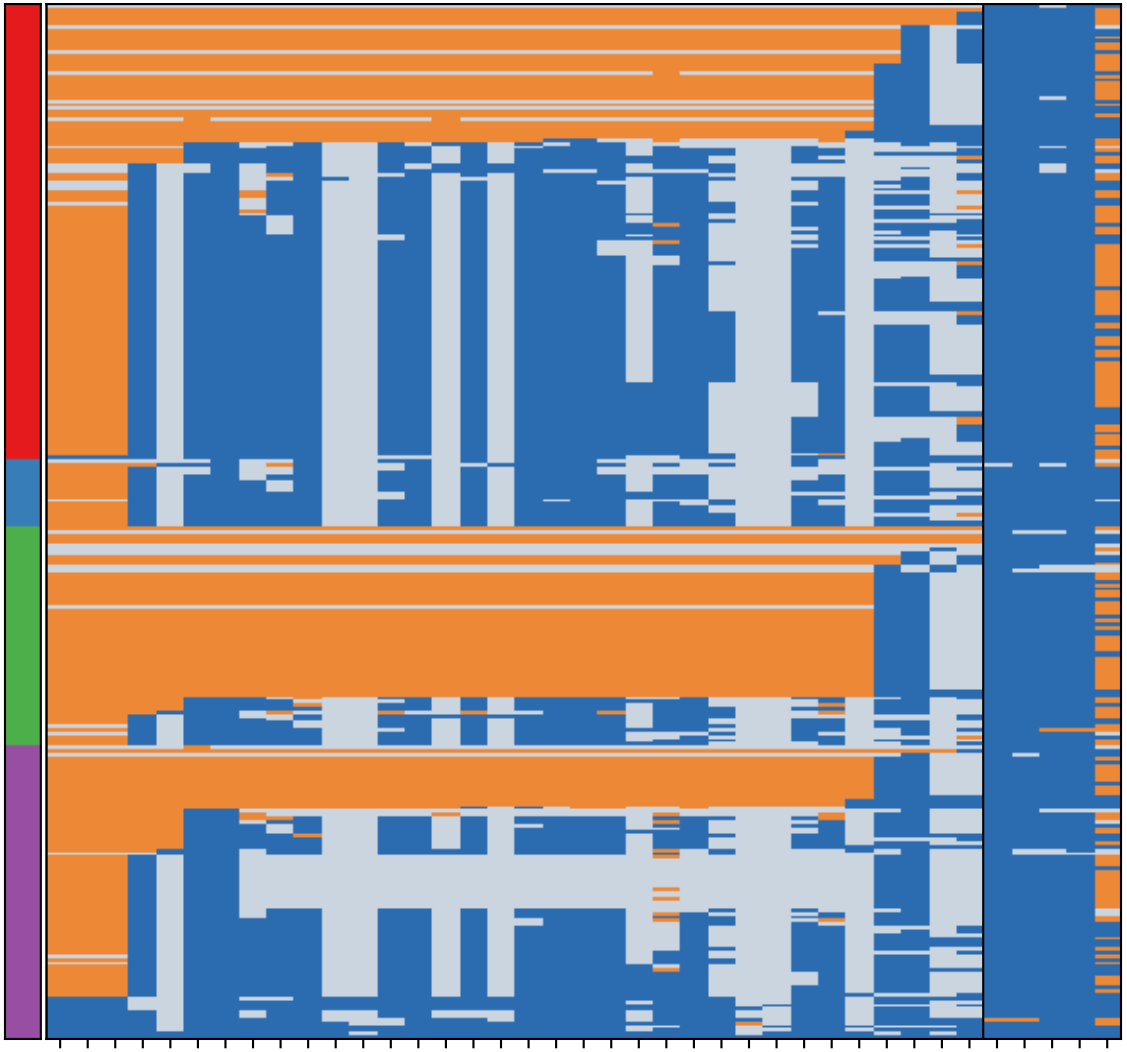
L206 9 genes content 11% of 293 strains type: unresolved



L207 10 genes content 12% of 293 strains type: unresolved Starship: Lamia-h4

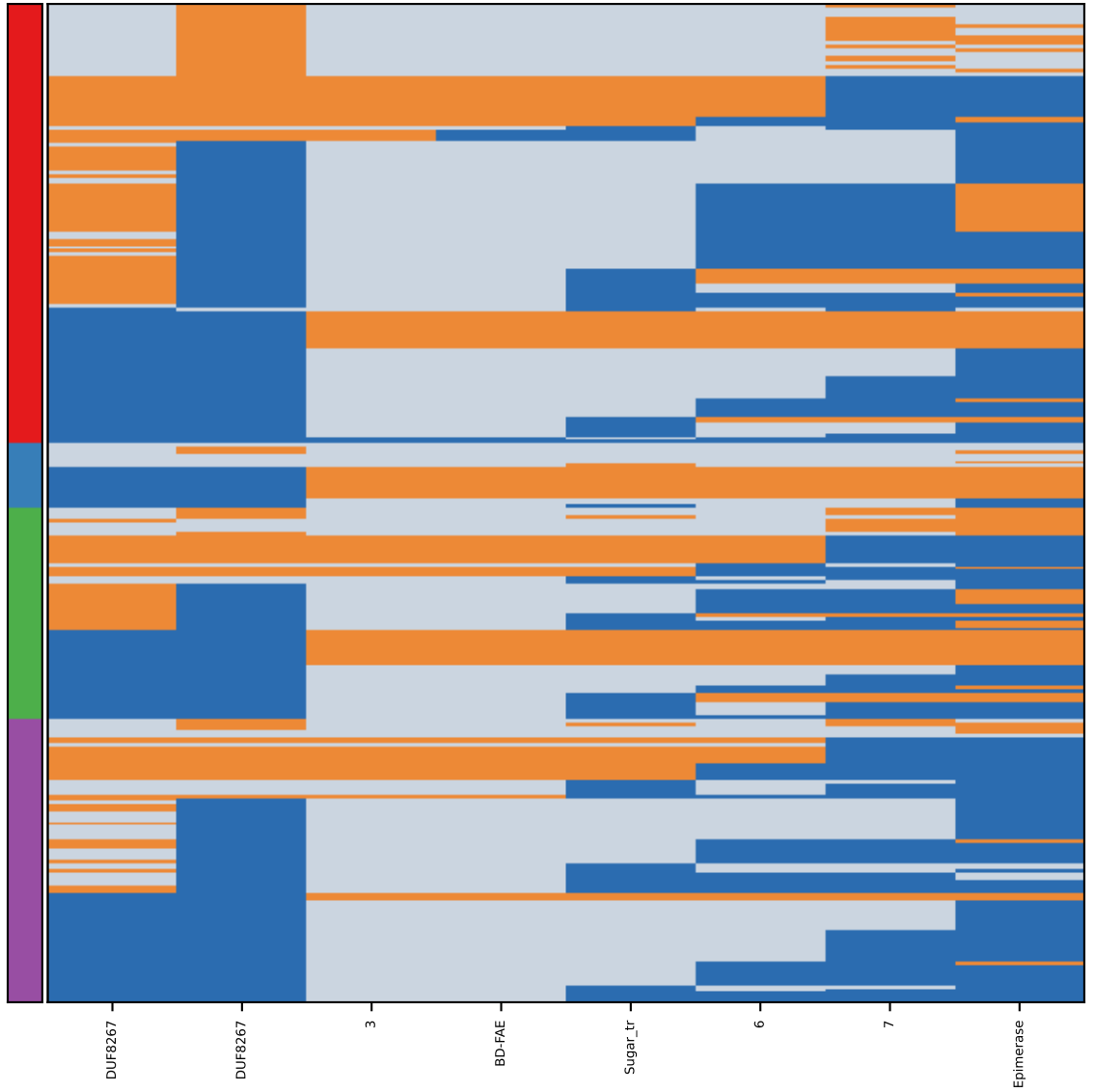


L208 34 genes content 48% of 293 strains type: unresolved Starship: Gnosis-h1

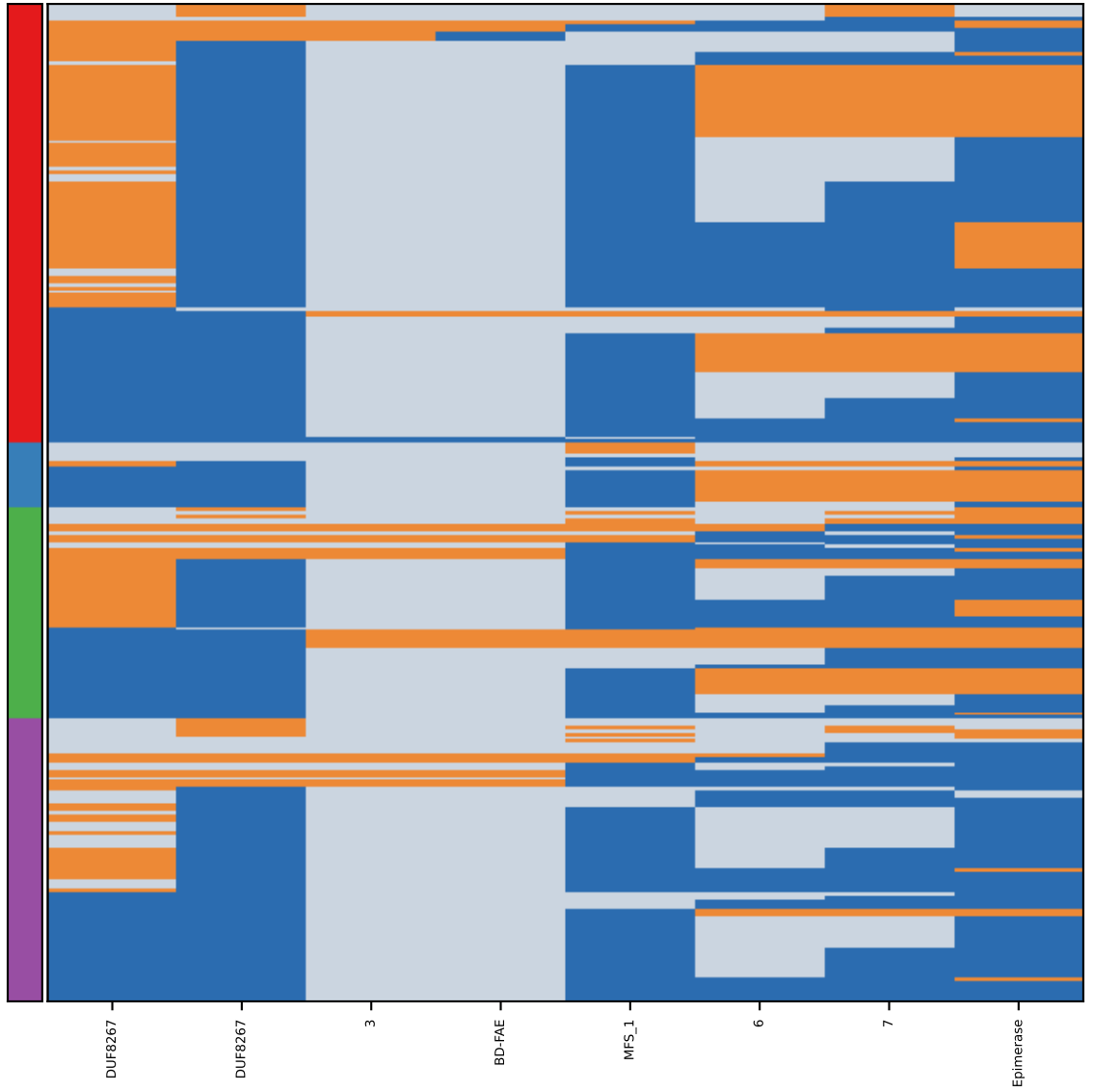


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L209 8 genes content 29% of 293 strains type: unresolved

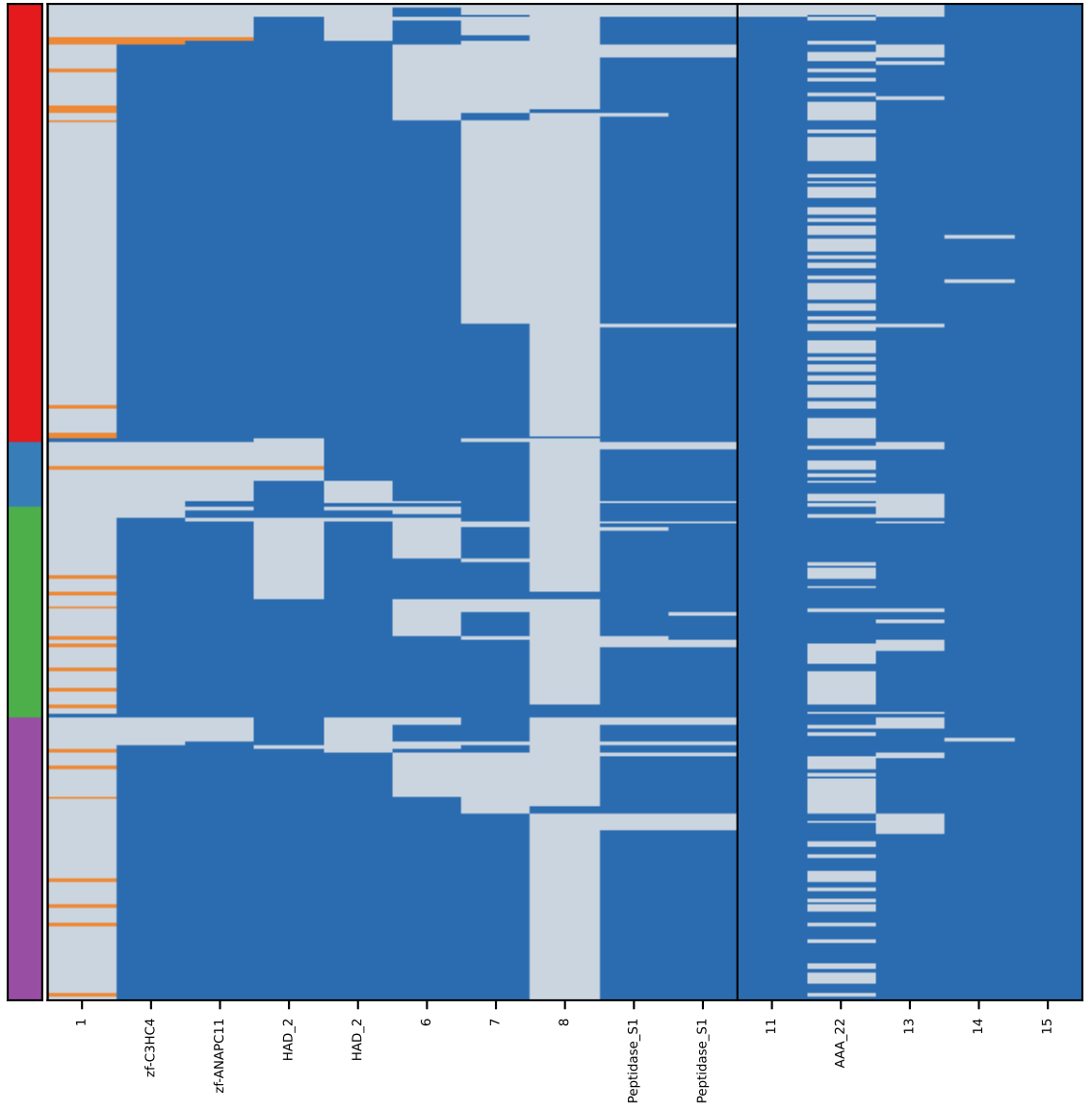


L210 8 genes content 50% of 293 strains type: unresolved

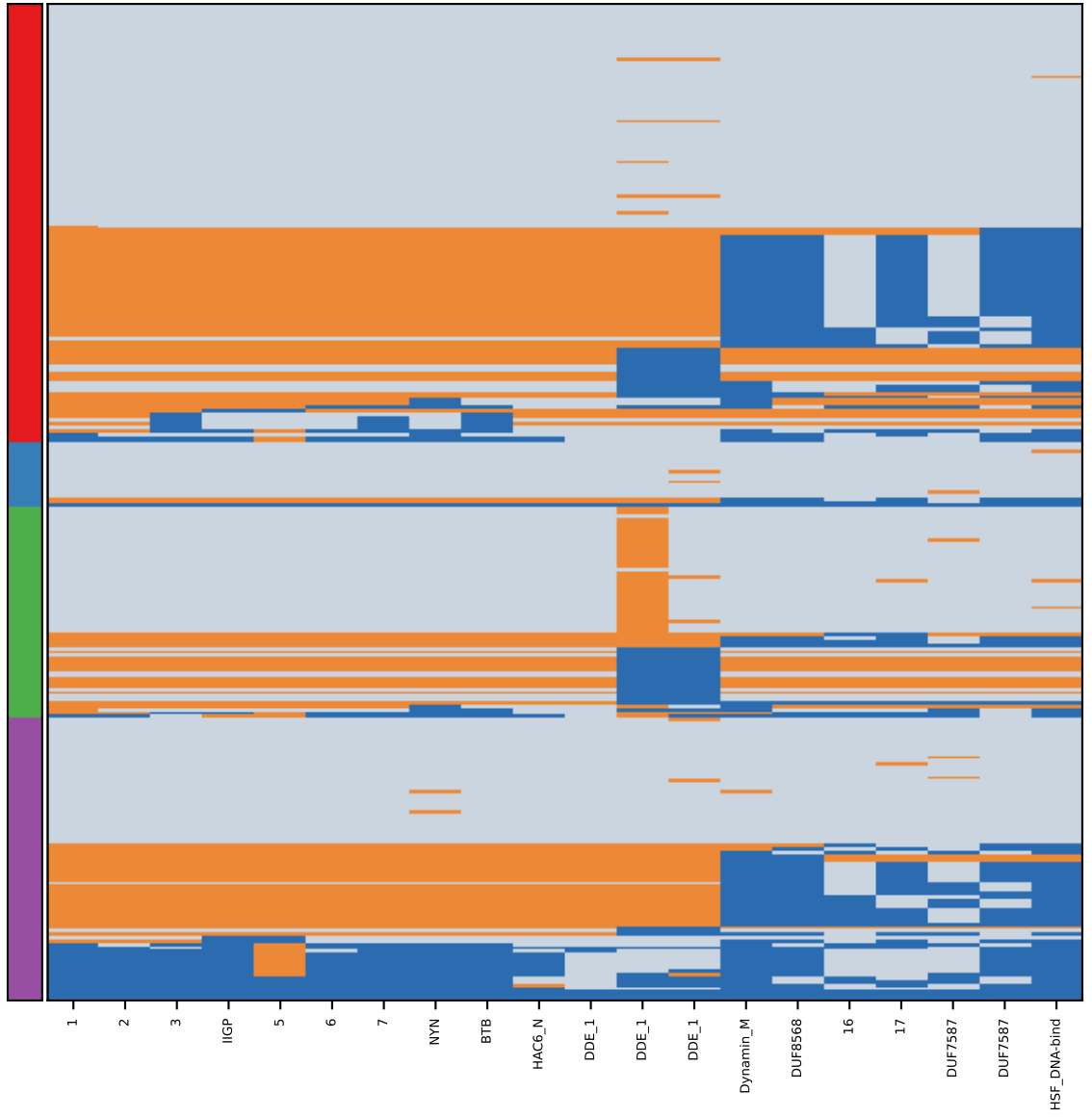


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

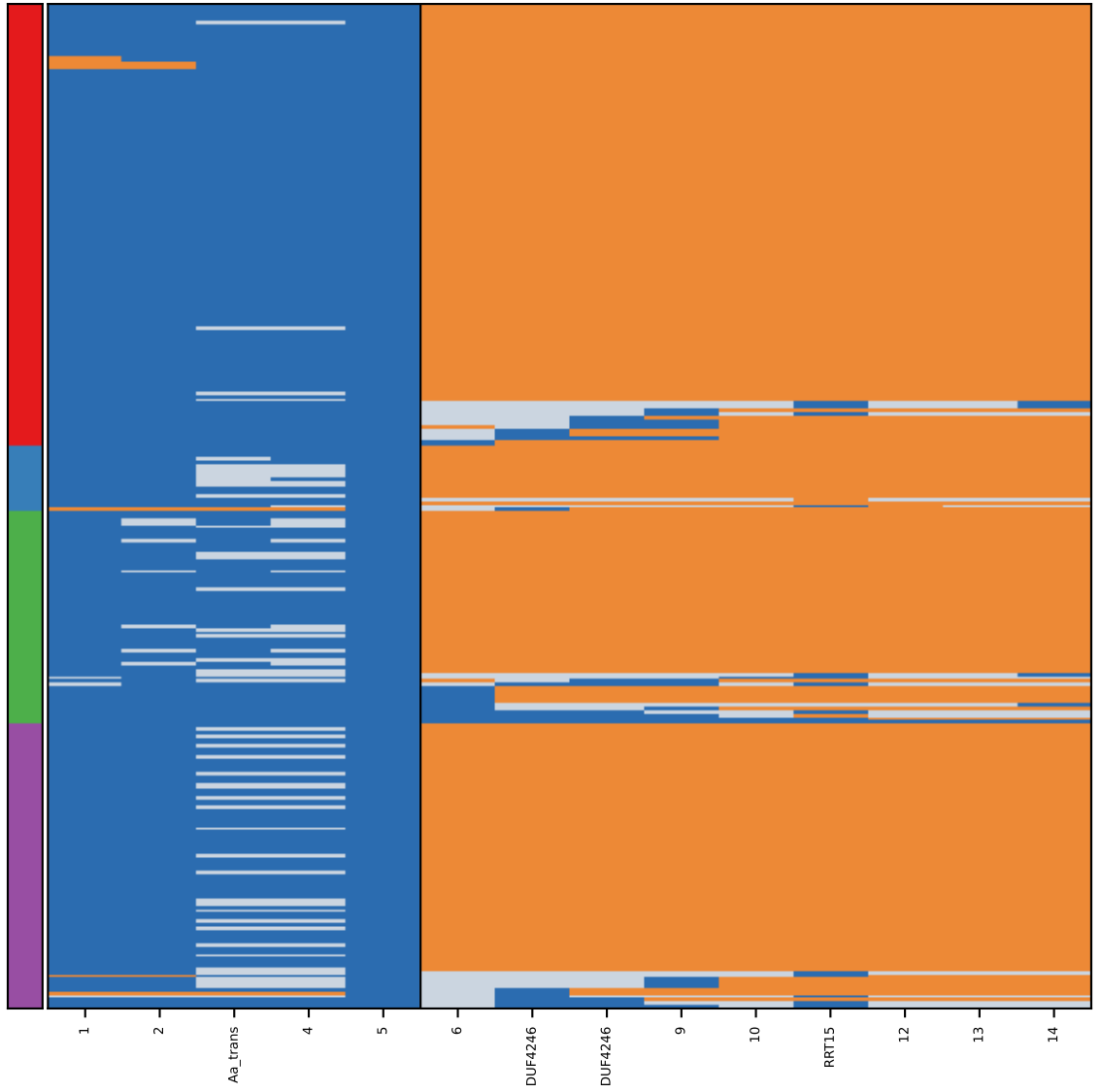
L211 10 genes content 92% of 293 strains type: content_variants



L212 20 genes content 8% of 293 strains type: unresolved

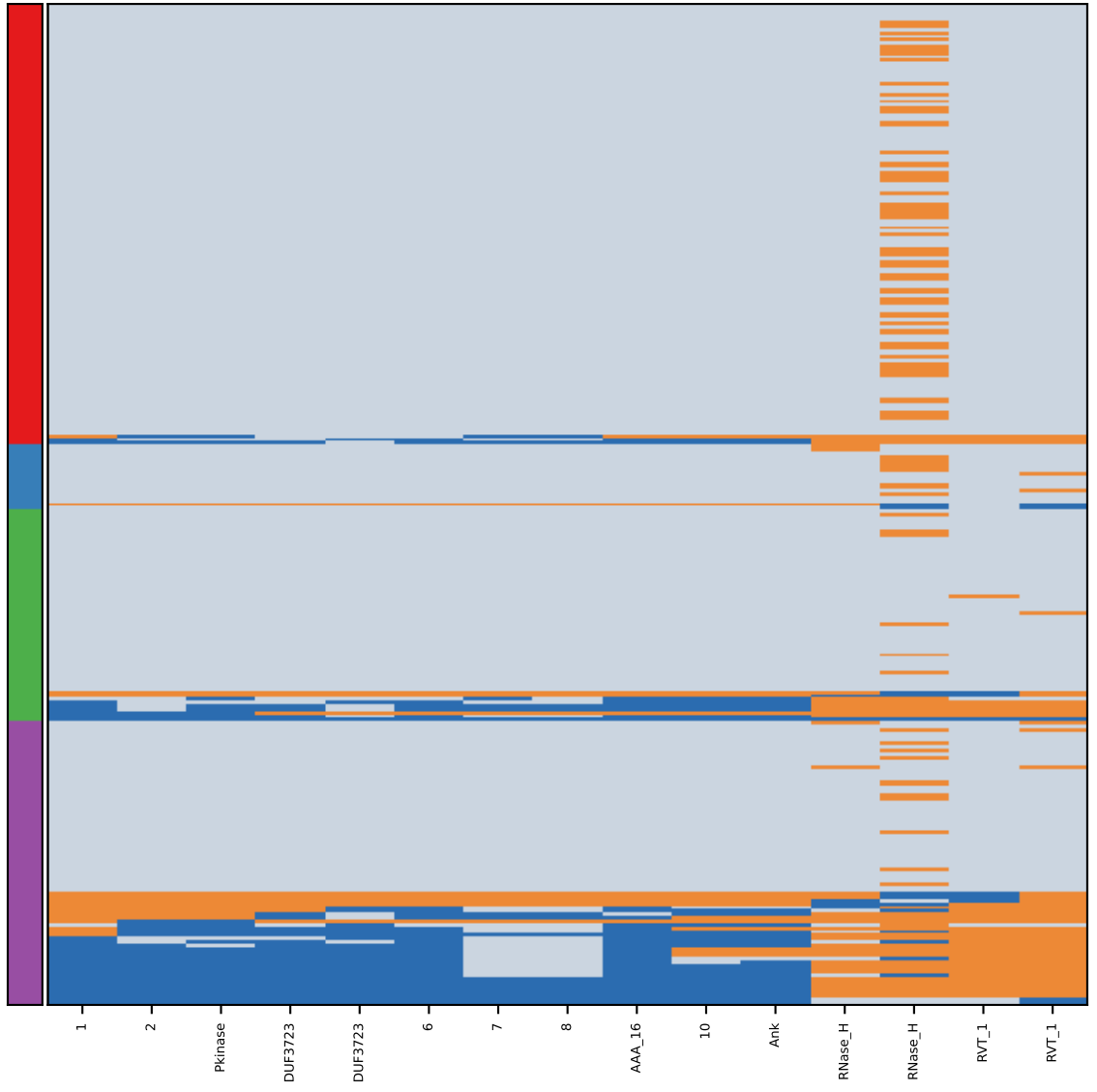


L213 9 genes content 1% of 293 strains type: unresolved

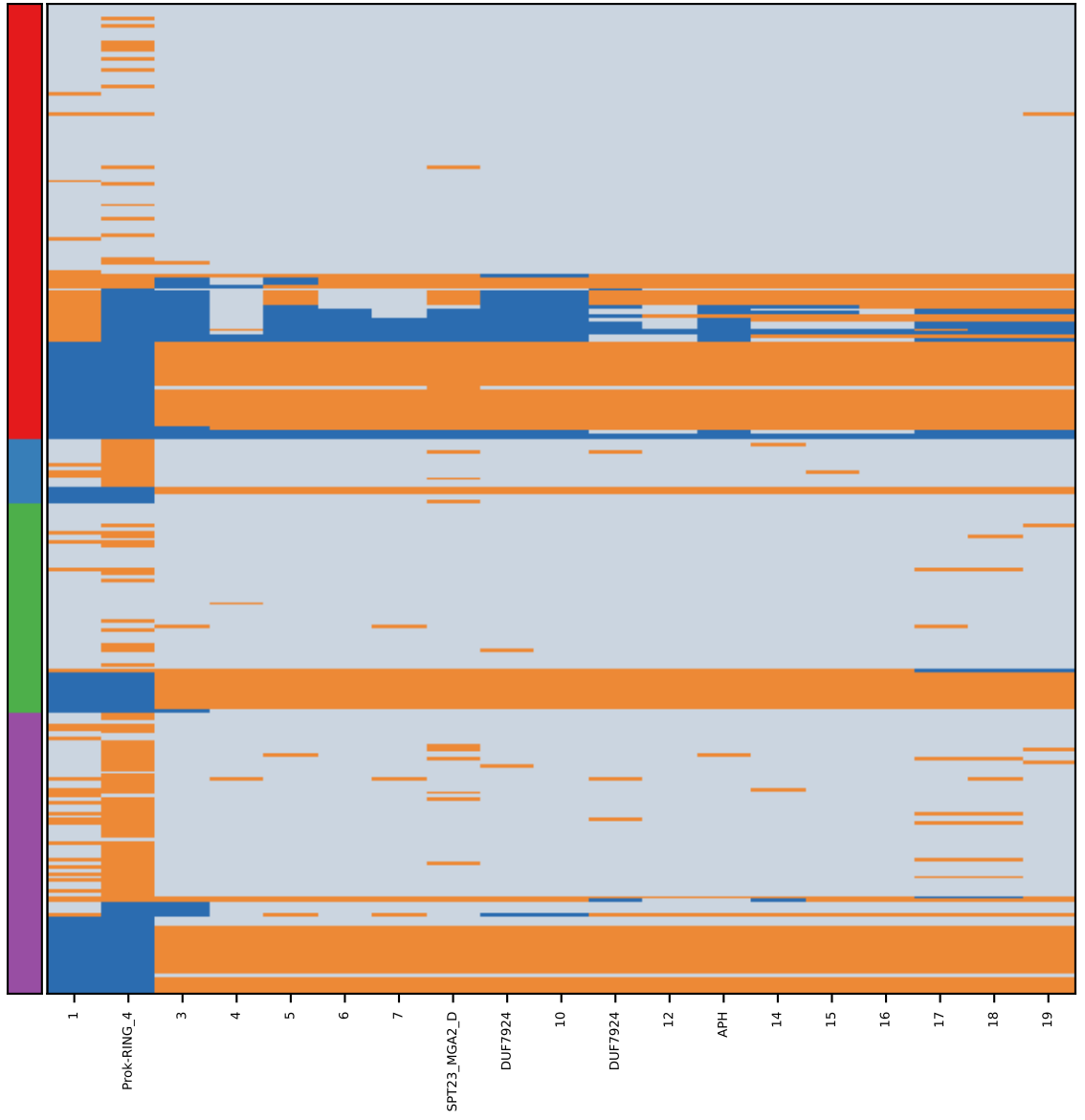


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

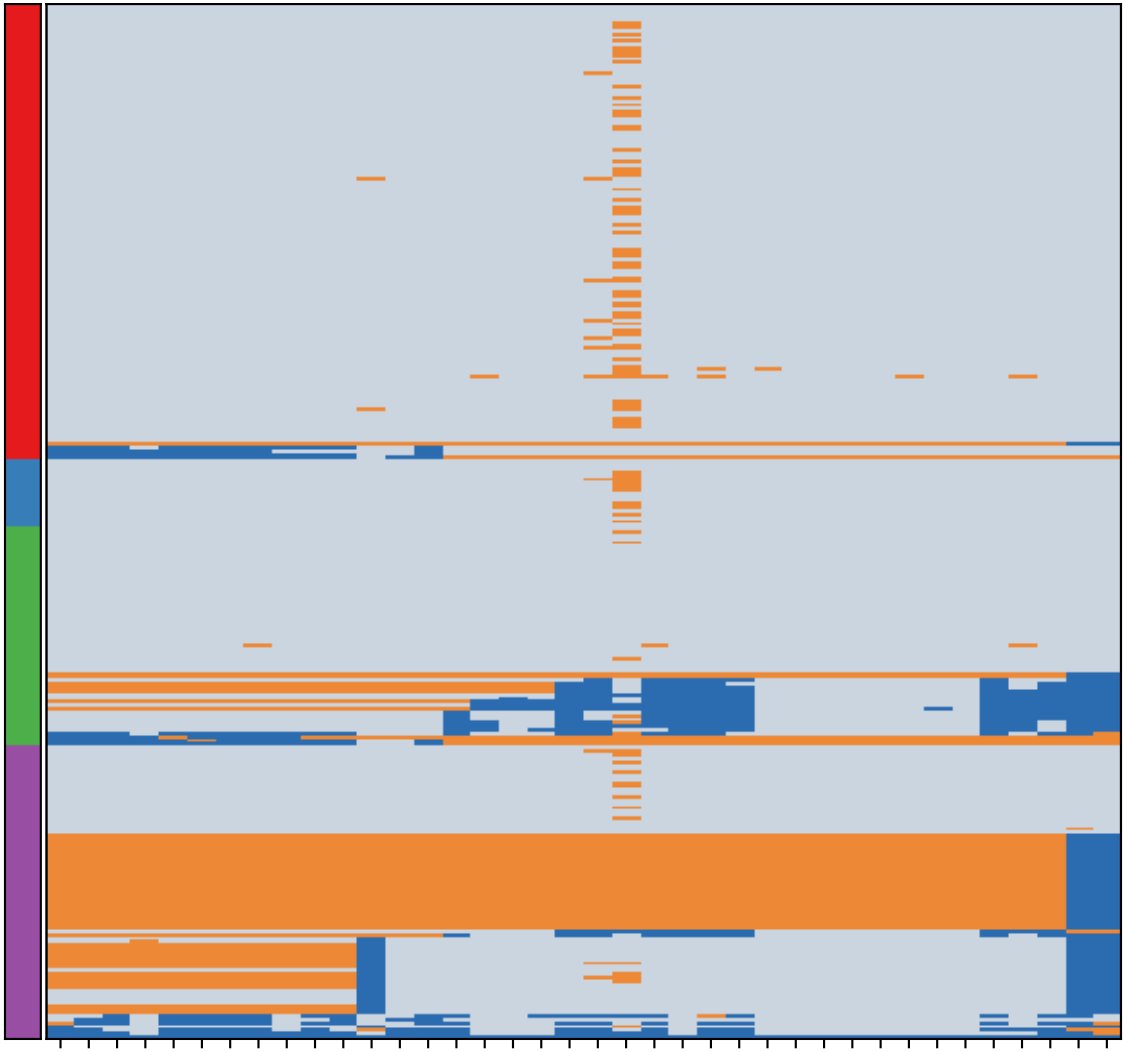
L214 15 genes content 8% of 293 strains type: unresolved Starship: Lamia-h4



L215 19 genes content 4% of 293 strains type: unresolved Starship: Janus (likely)-h2 (likely)

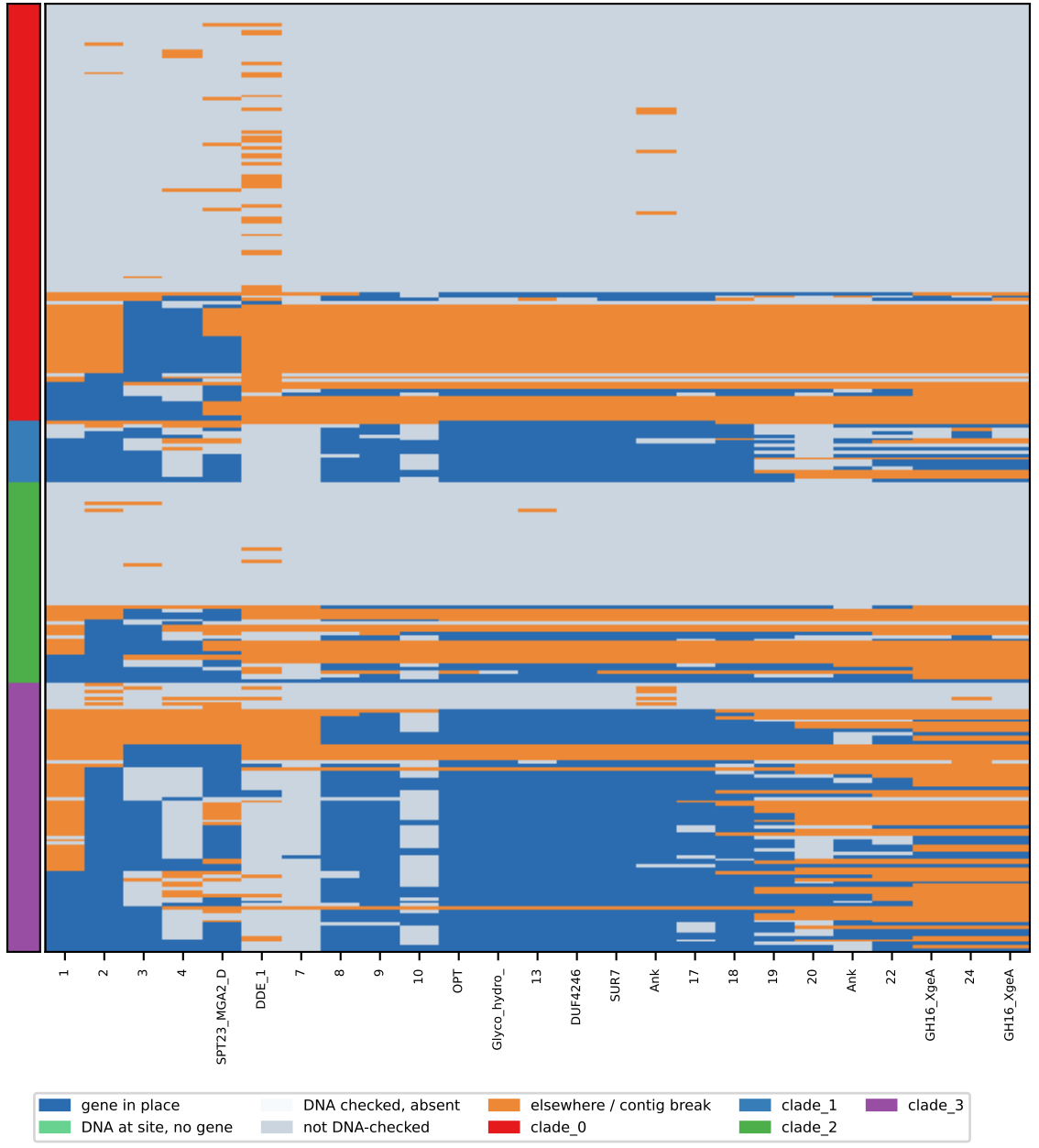


L216 38 genes content 1% of 293 strains type: unresolved Starship: Lamia-h4

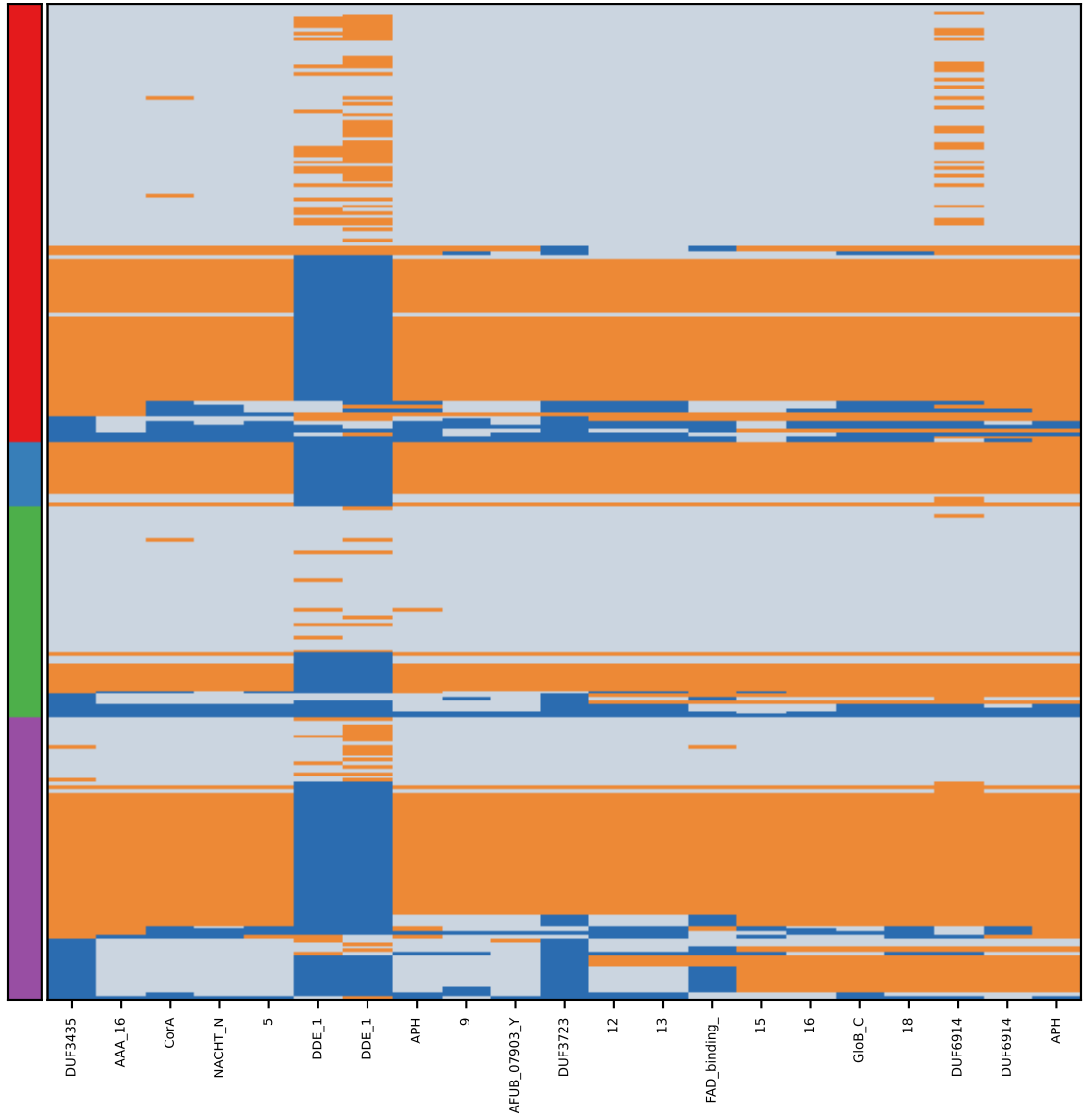


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

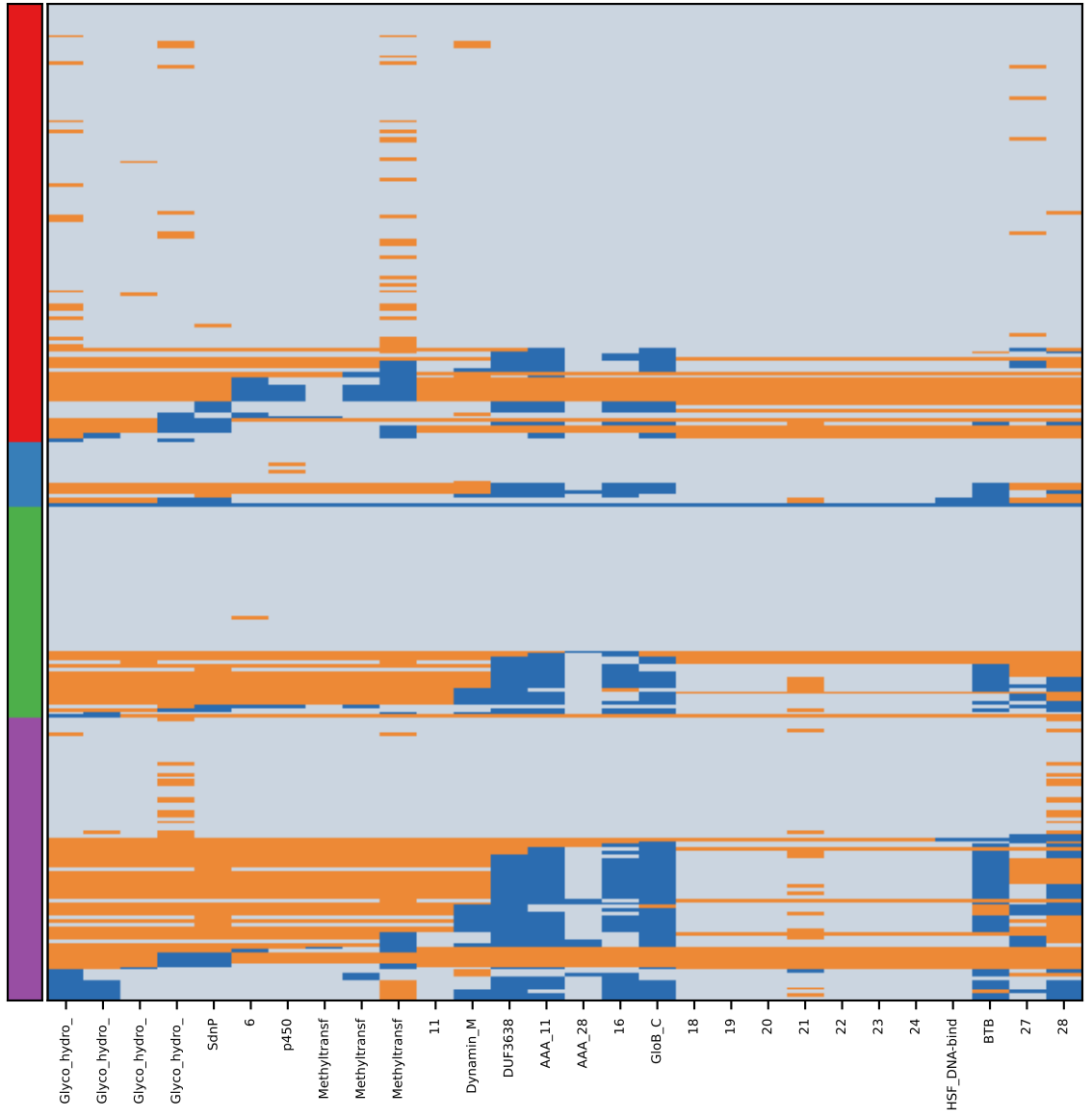
L217 25 genes content 28% of 293 strains type: unresolved Starship: Janus (likely)-h2 (likely)



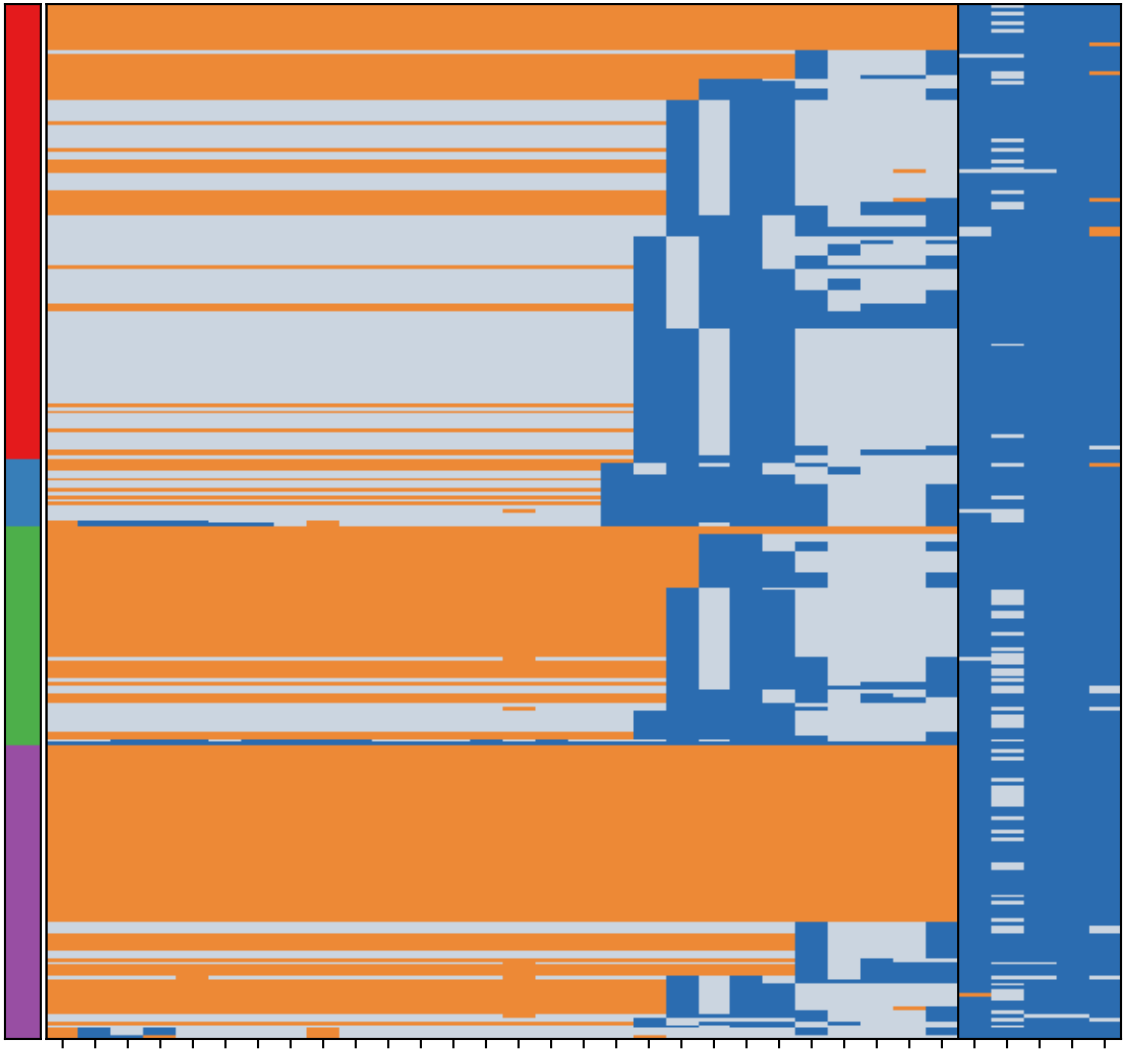
L218 21 genes content 4% of 293 strains type: unresolved



L219 28 genes content 0% of 293 strains type: unresolved

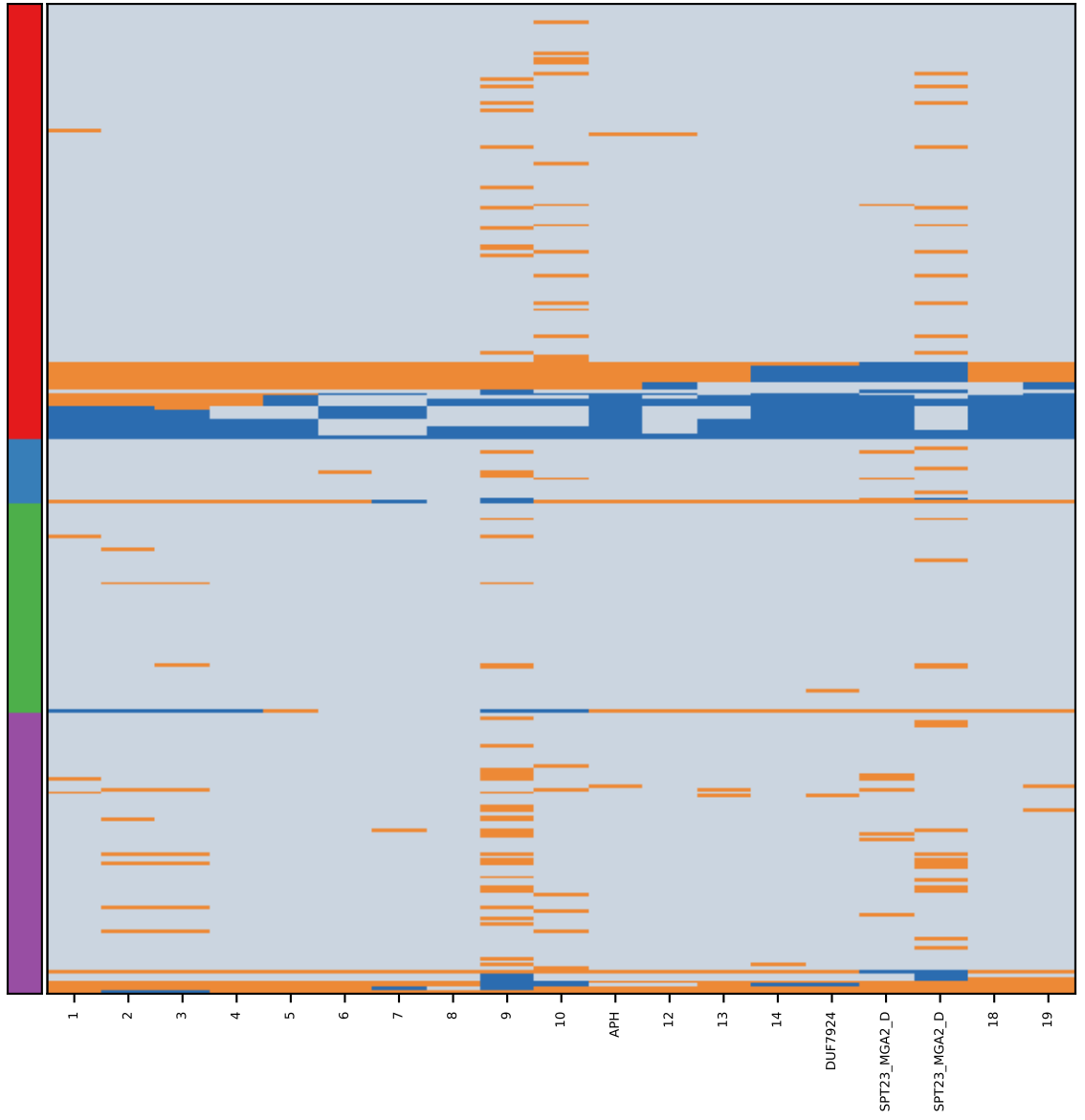


L220 28 genes content 1% of 293 strains type: unresolved

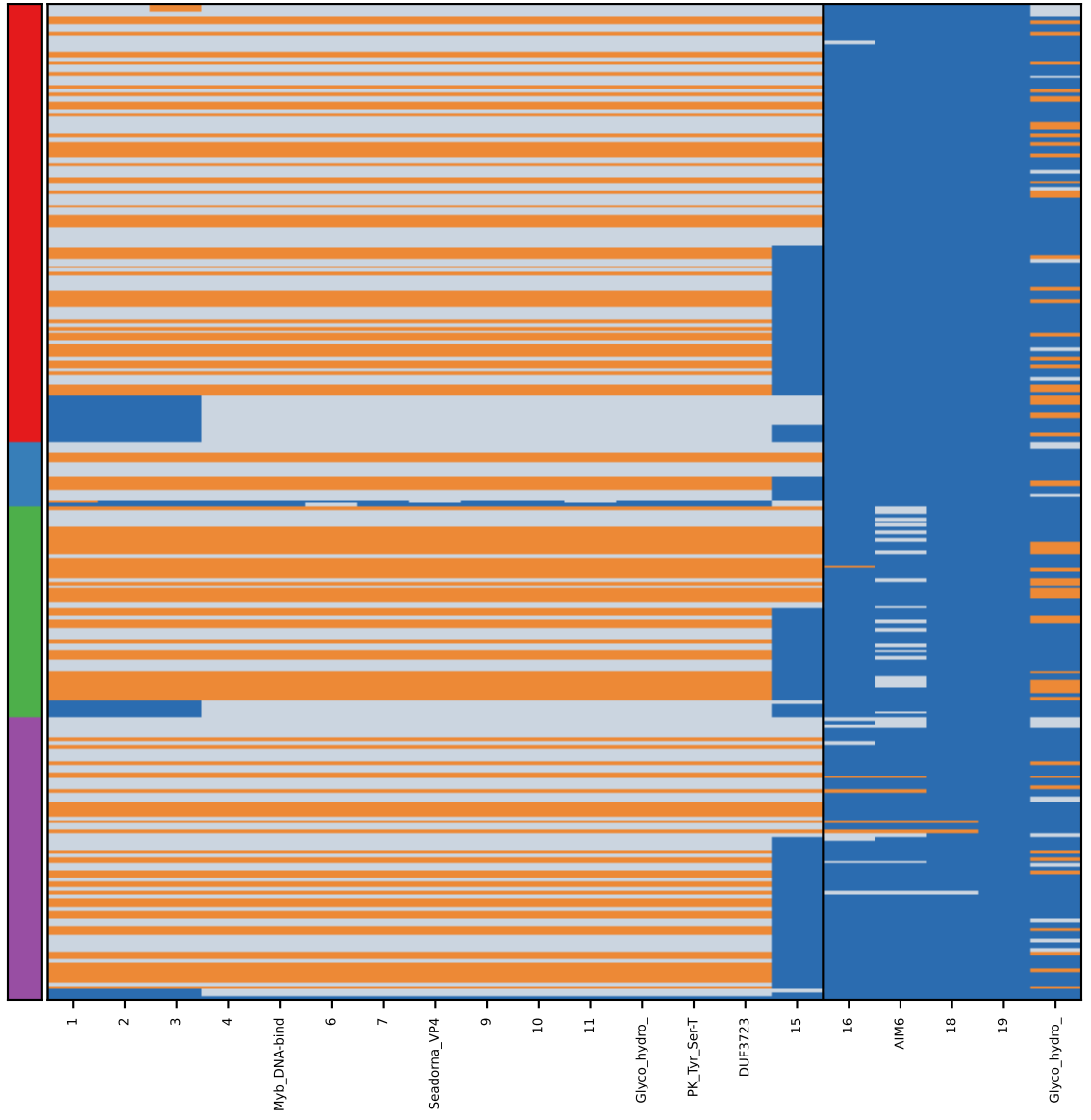


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

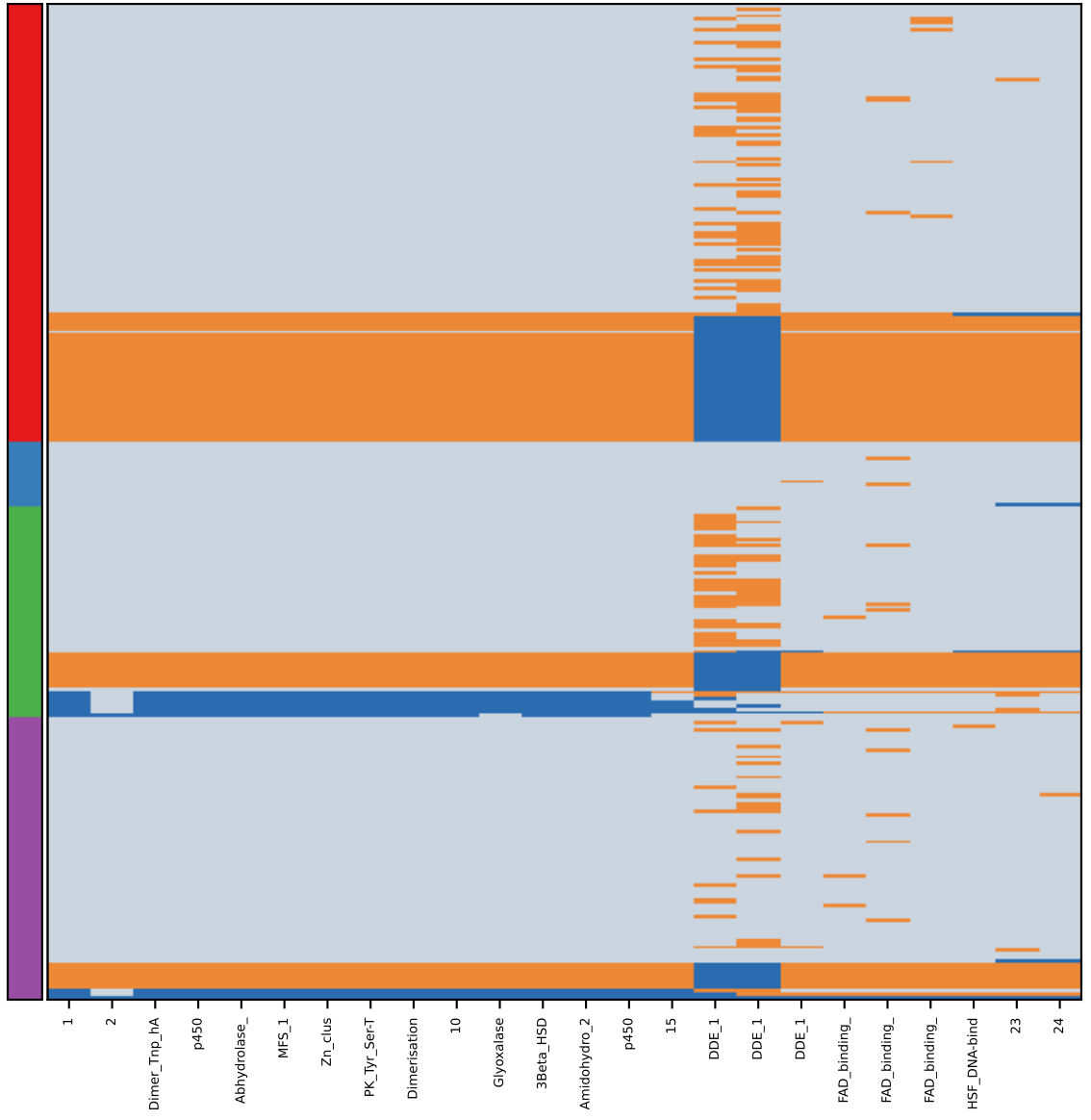
L221 19 genes content 4% of 293 strains type: unresolved



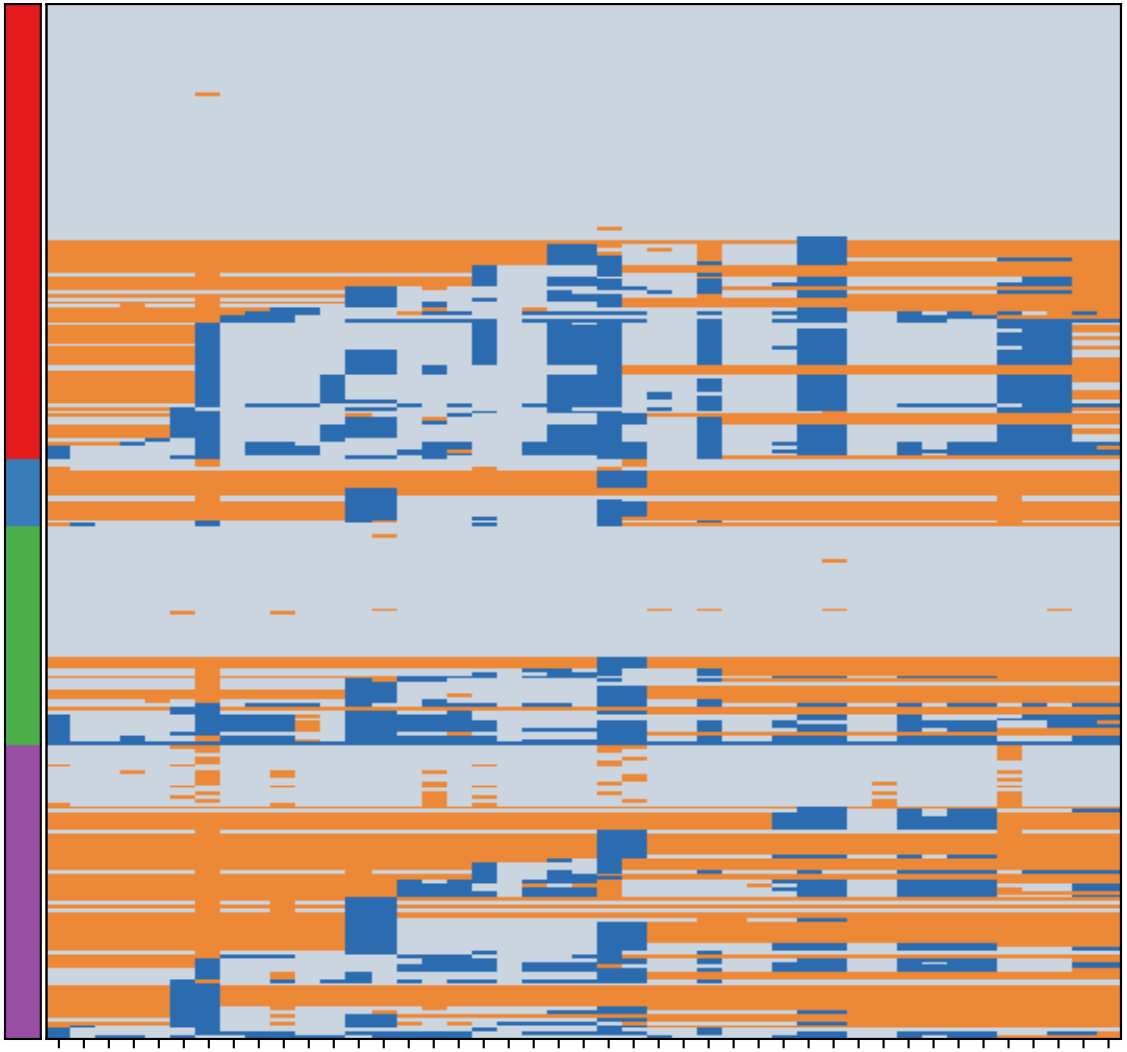
L222 15 genes content 1% of 293 strains type: unresolved



L223 24 genes content 4% of 293 strains type: unresolved Starship: Lamia-h4

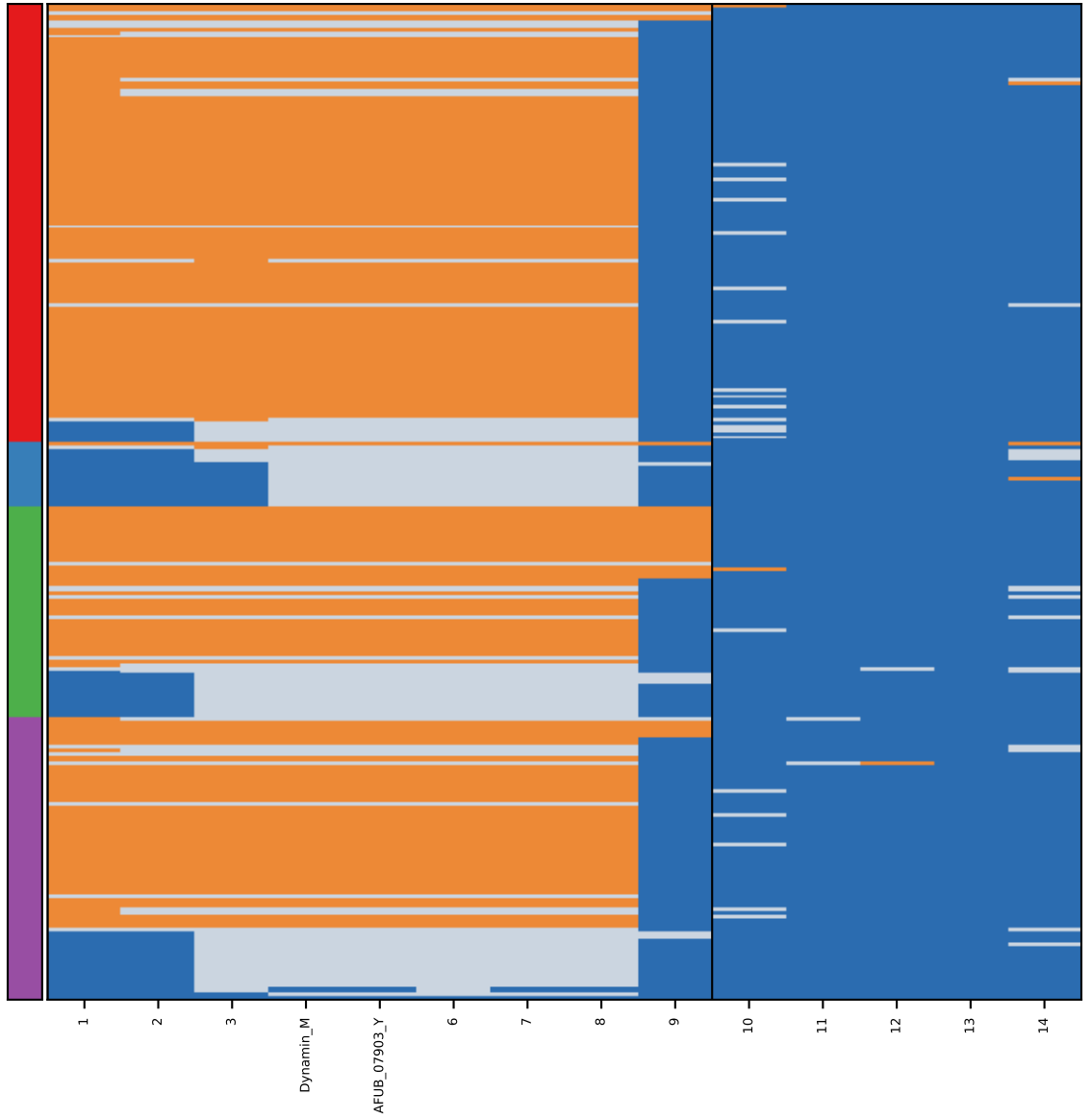


L224 43 genes content 4% of 293 strains type: unresolved Starship: Janus (likely)-h2 (likely)

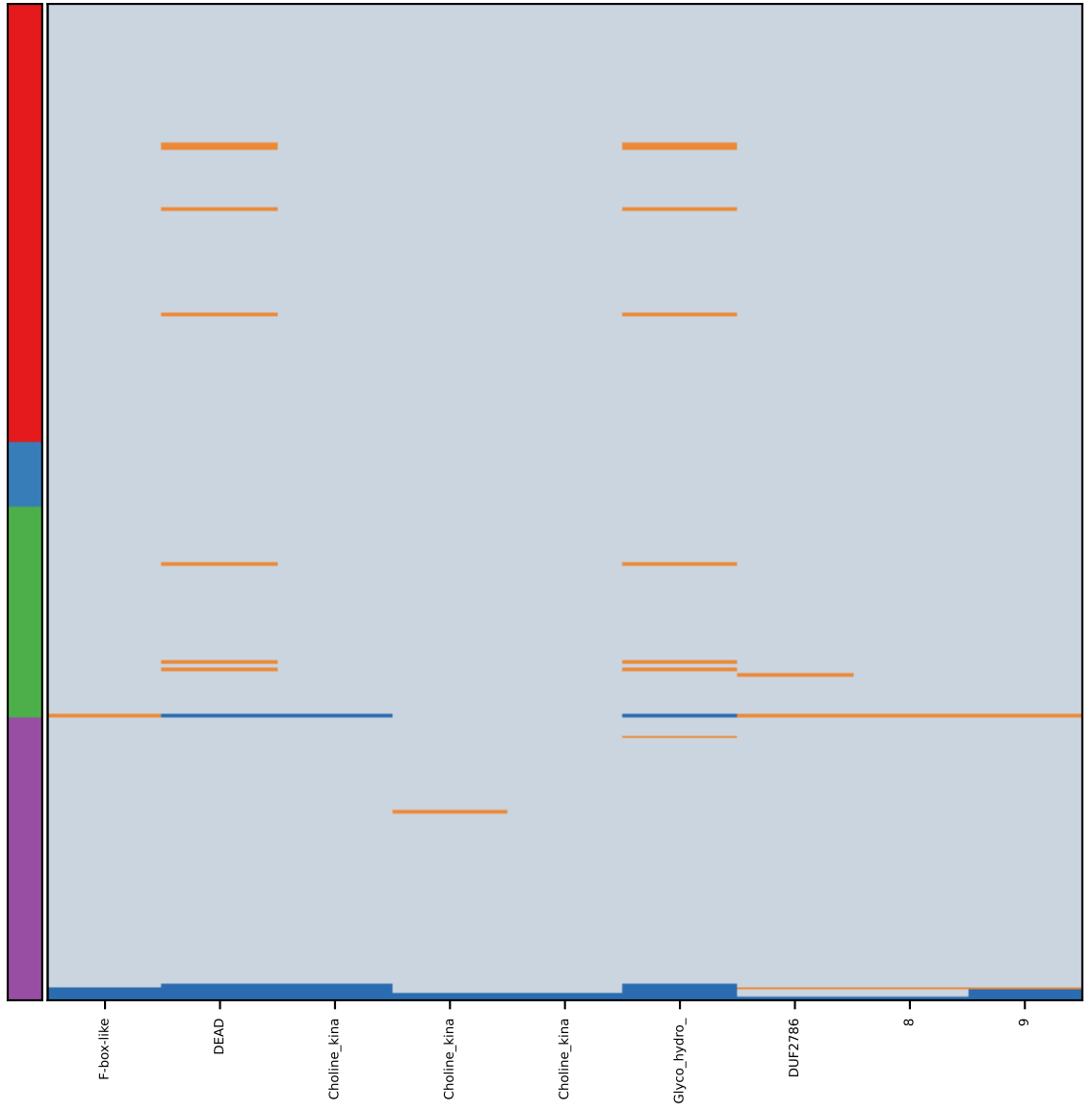


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

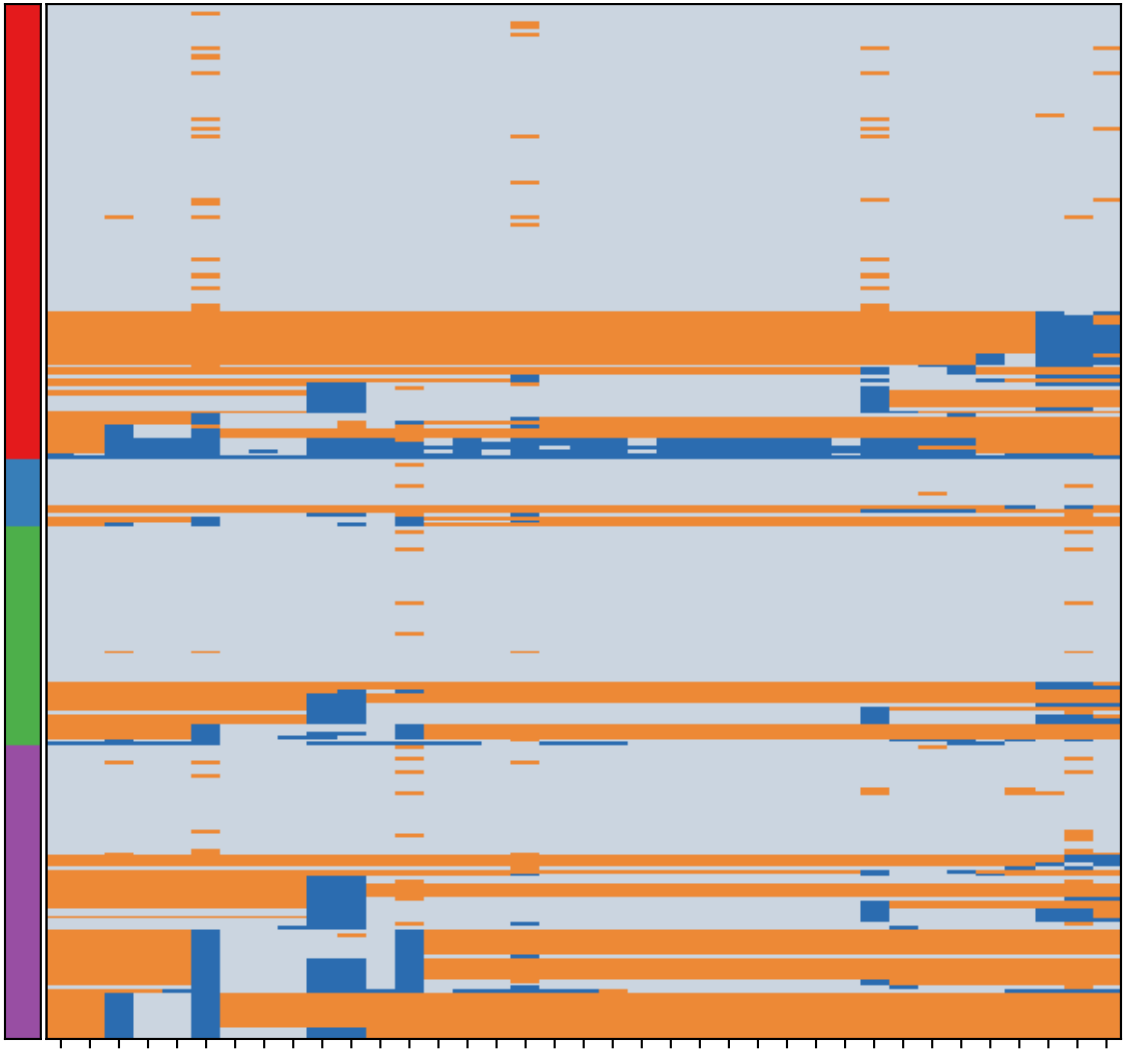
L225 9 genes content 1% of 293 strains type: unresolved



L226 9 genes content 1% of 293 strains type: unresolved Starship: Lamia-h4

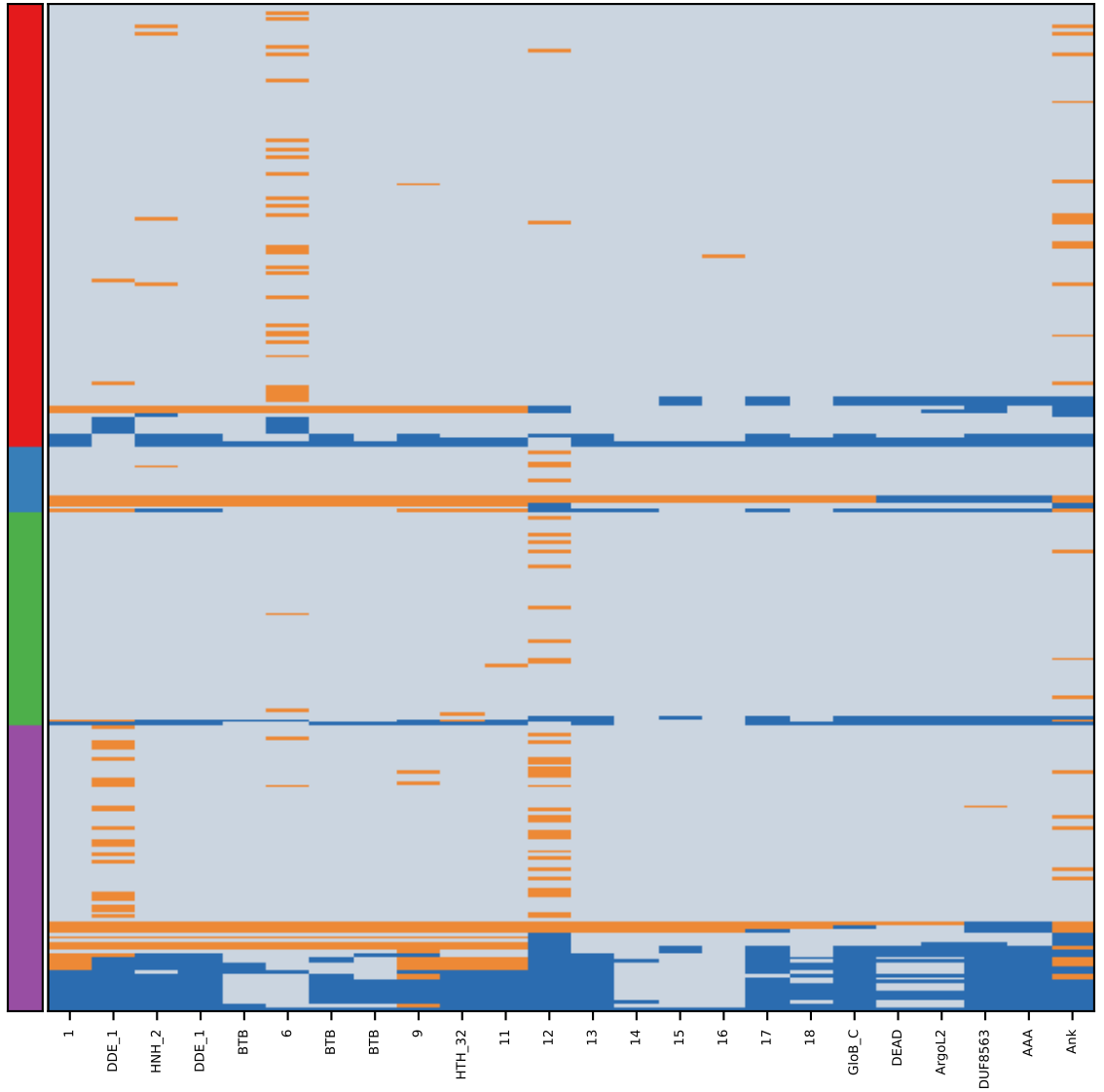


L227 37 genes content 2% of 293 strains type: unresolved



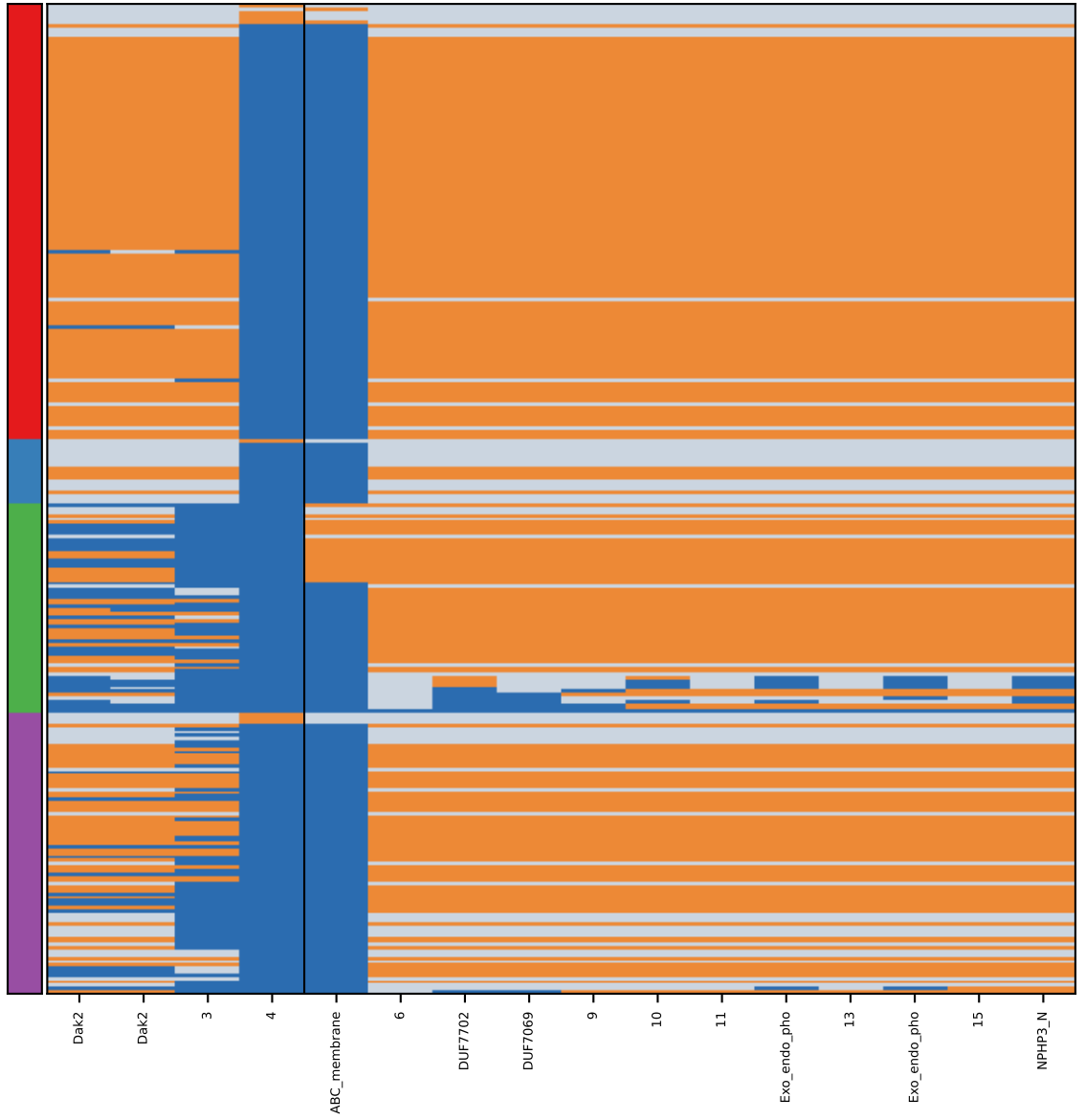
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L228 24 genes content 7% of 293 strains type: unresolved

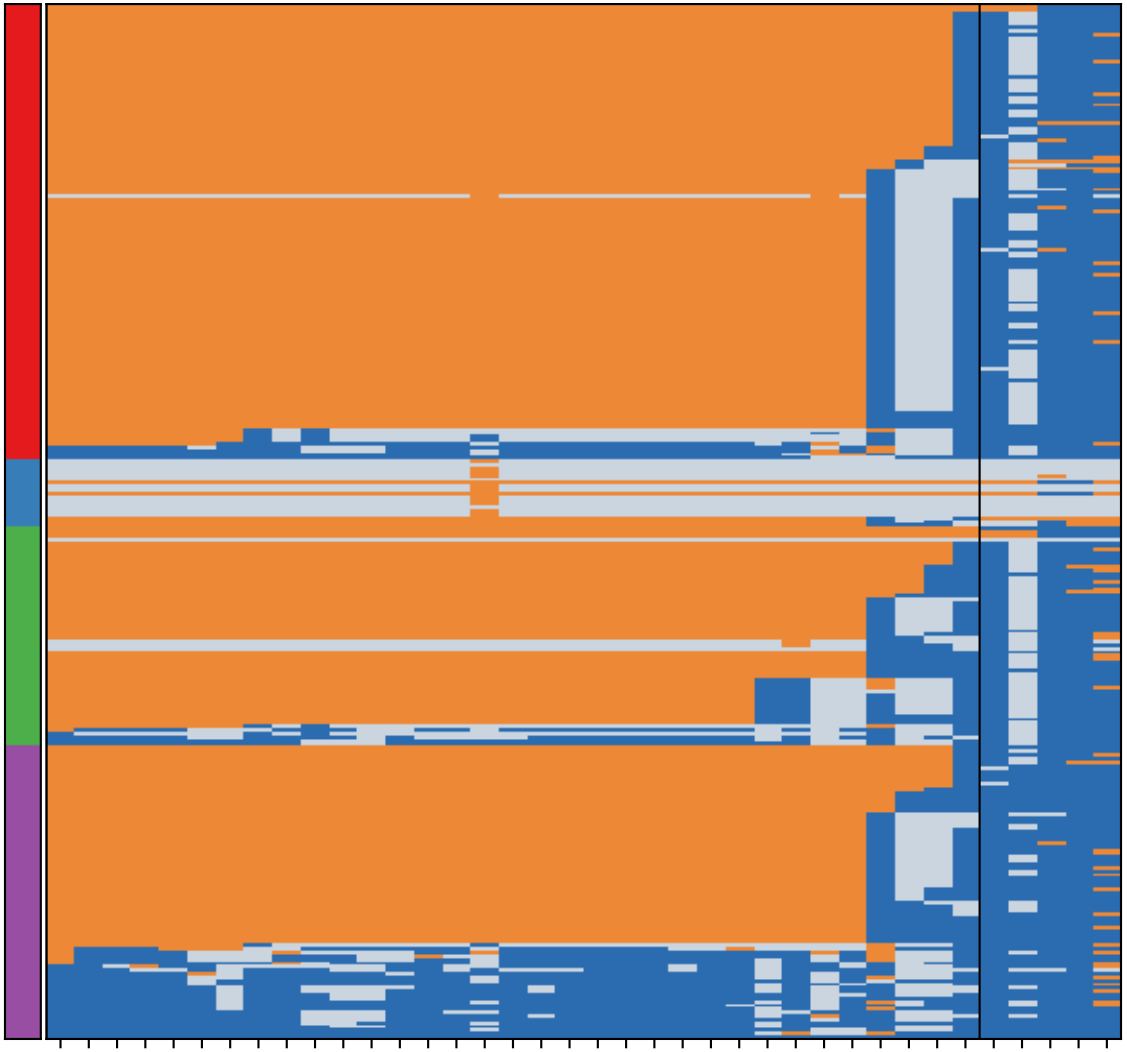


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L229 12 genes content 1% of 293 strains type: unresolved

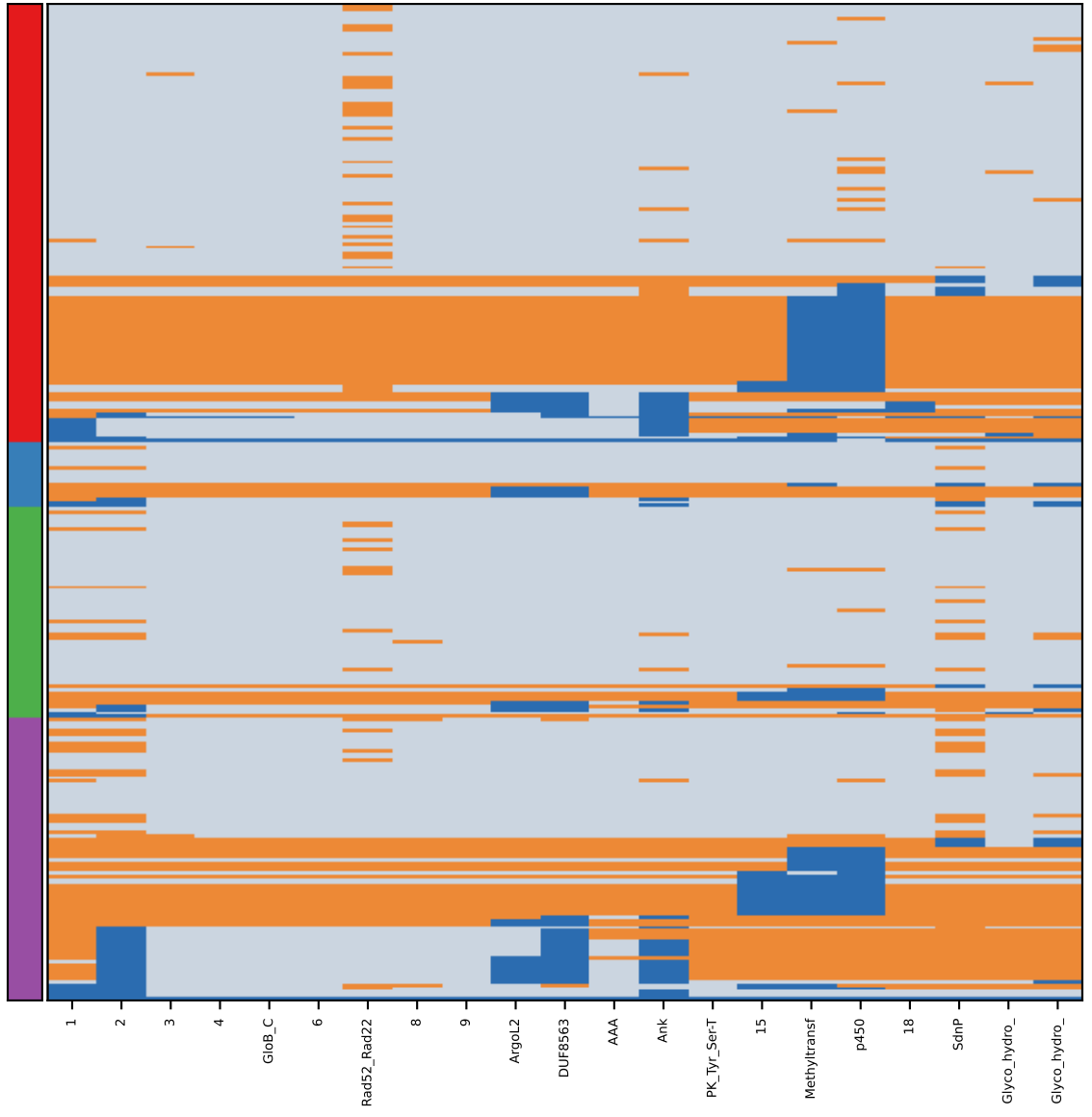


L230 33 genes content 12% of 293 strains type: unresolved

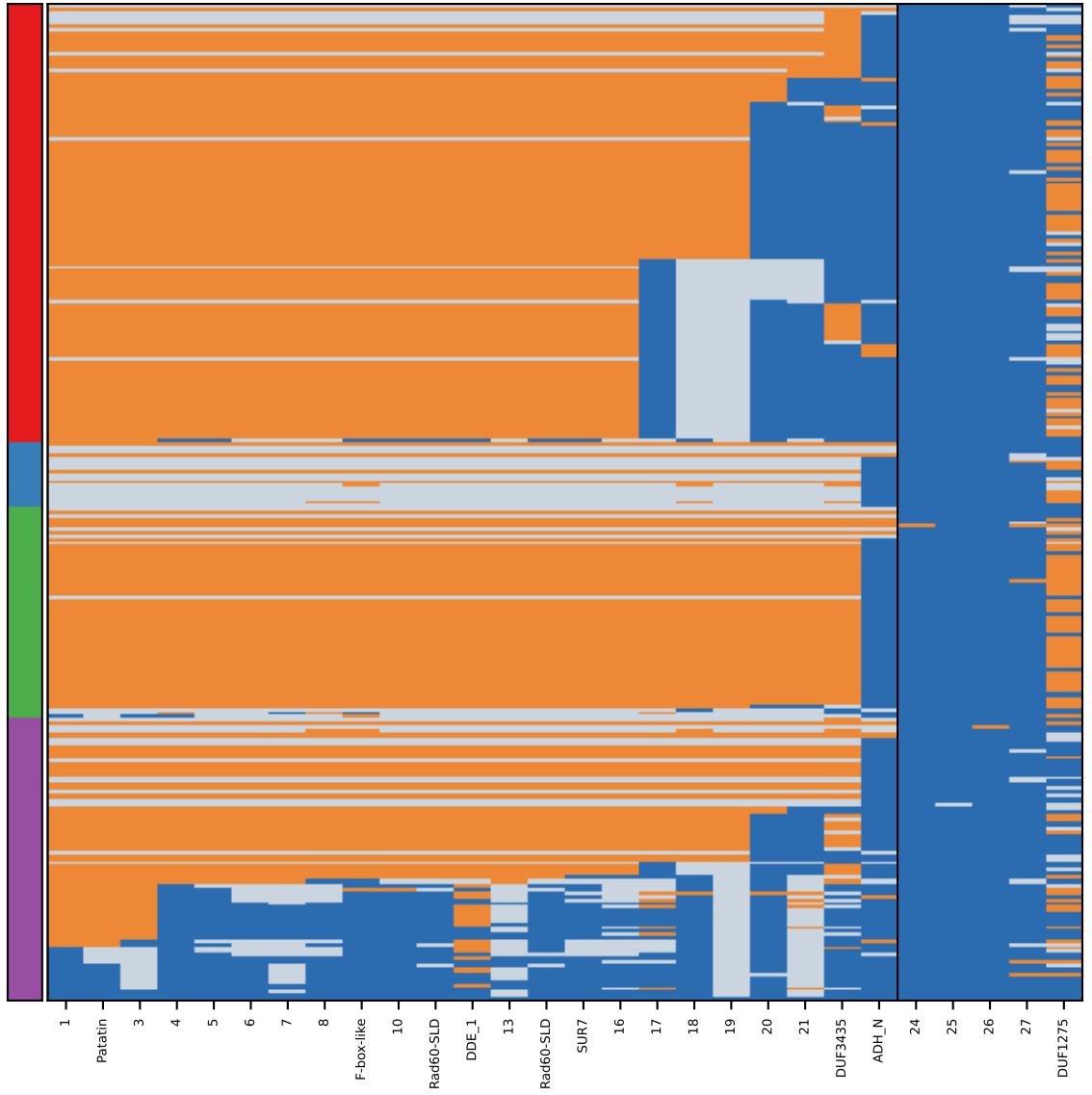


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L231 21 genes content 1% of 293 strains type: unresolved

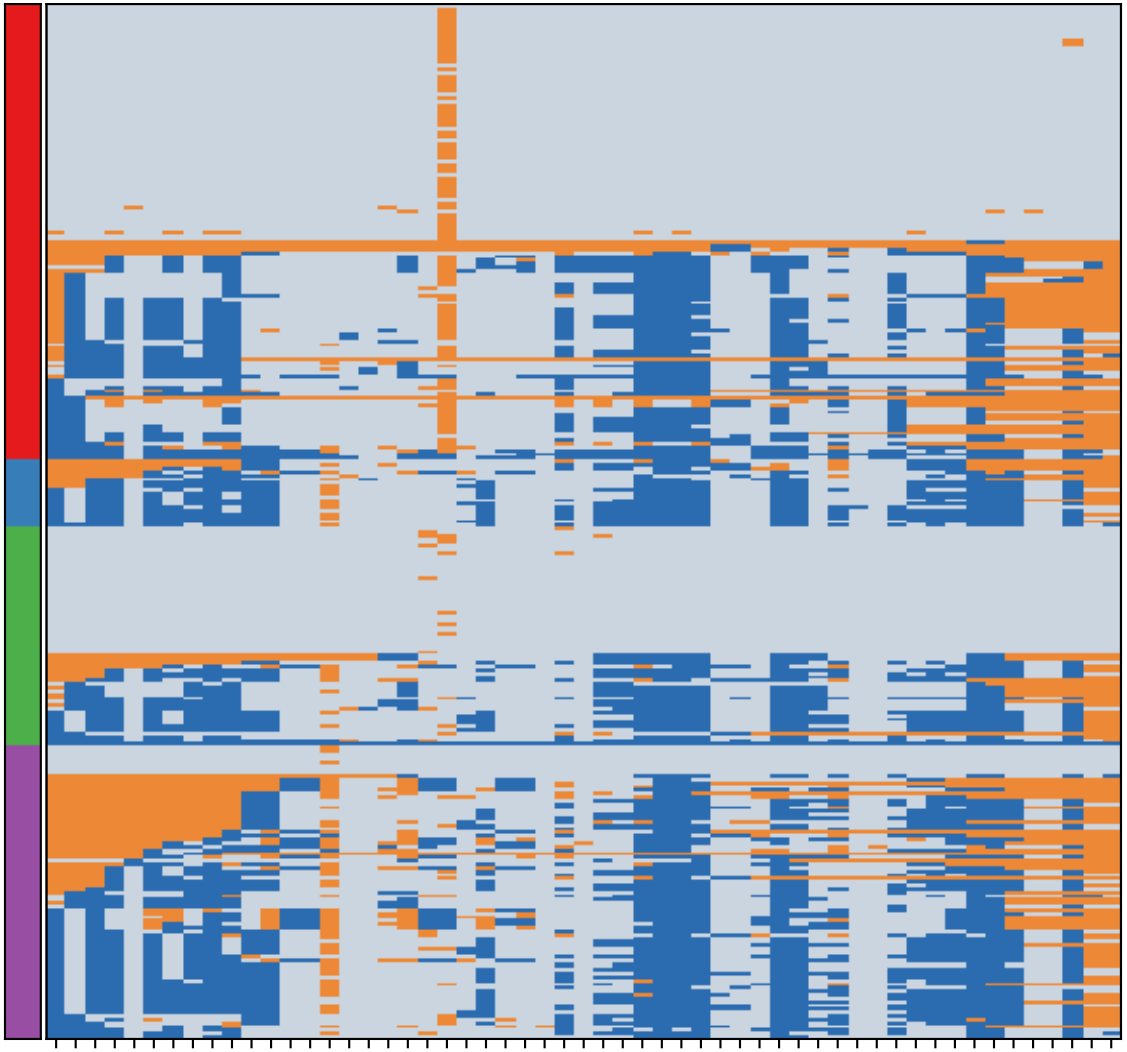


L232 23 genes content 9% of 293 strains type: unresolved



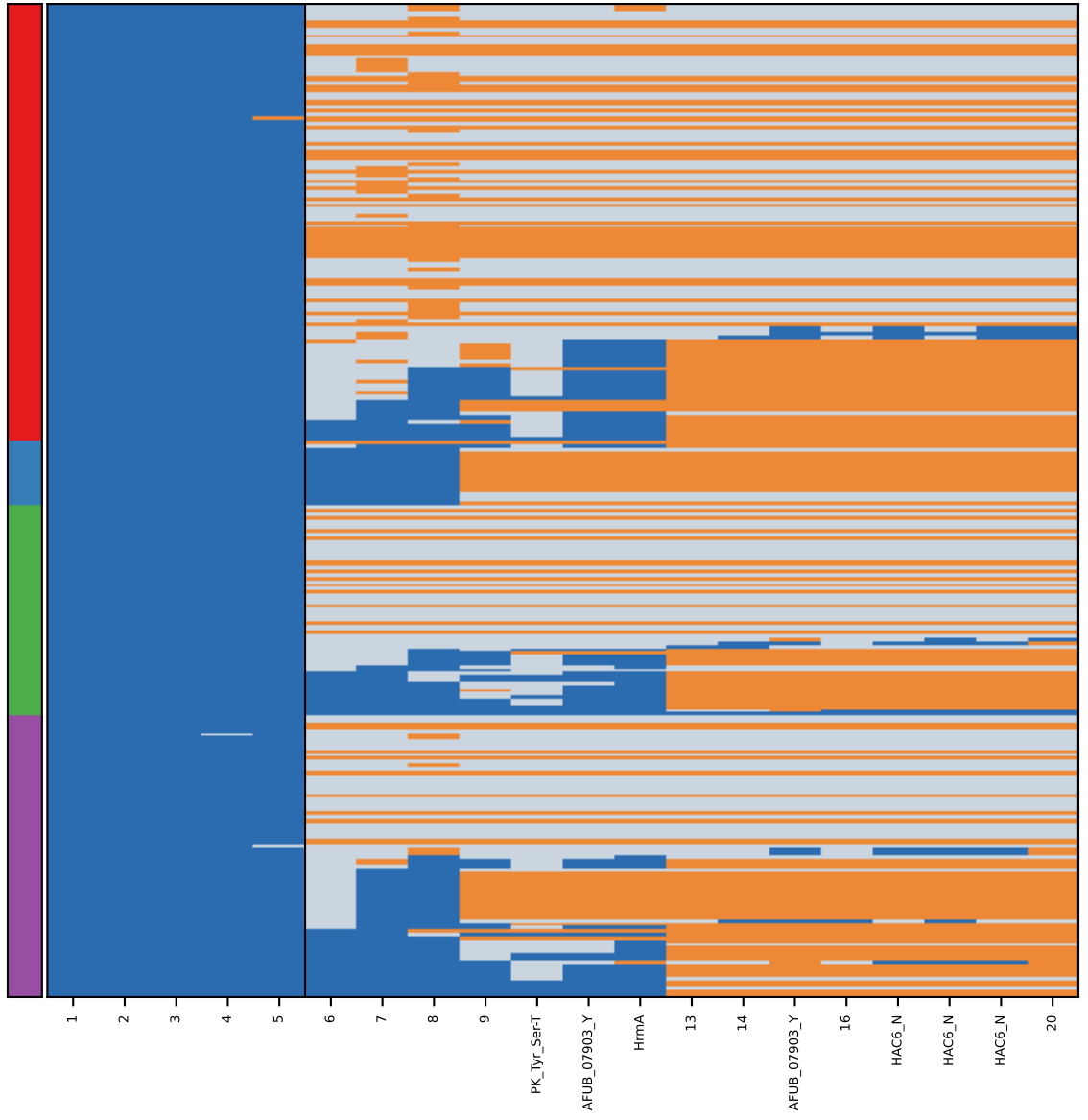
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L233 55 genes content 6% of 293 strains type: unresolved

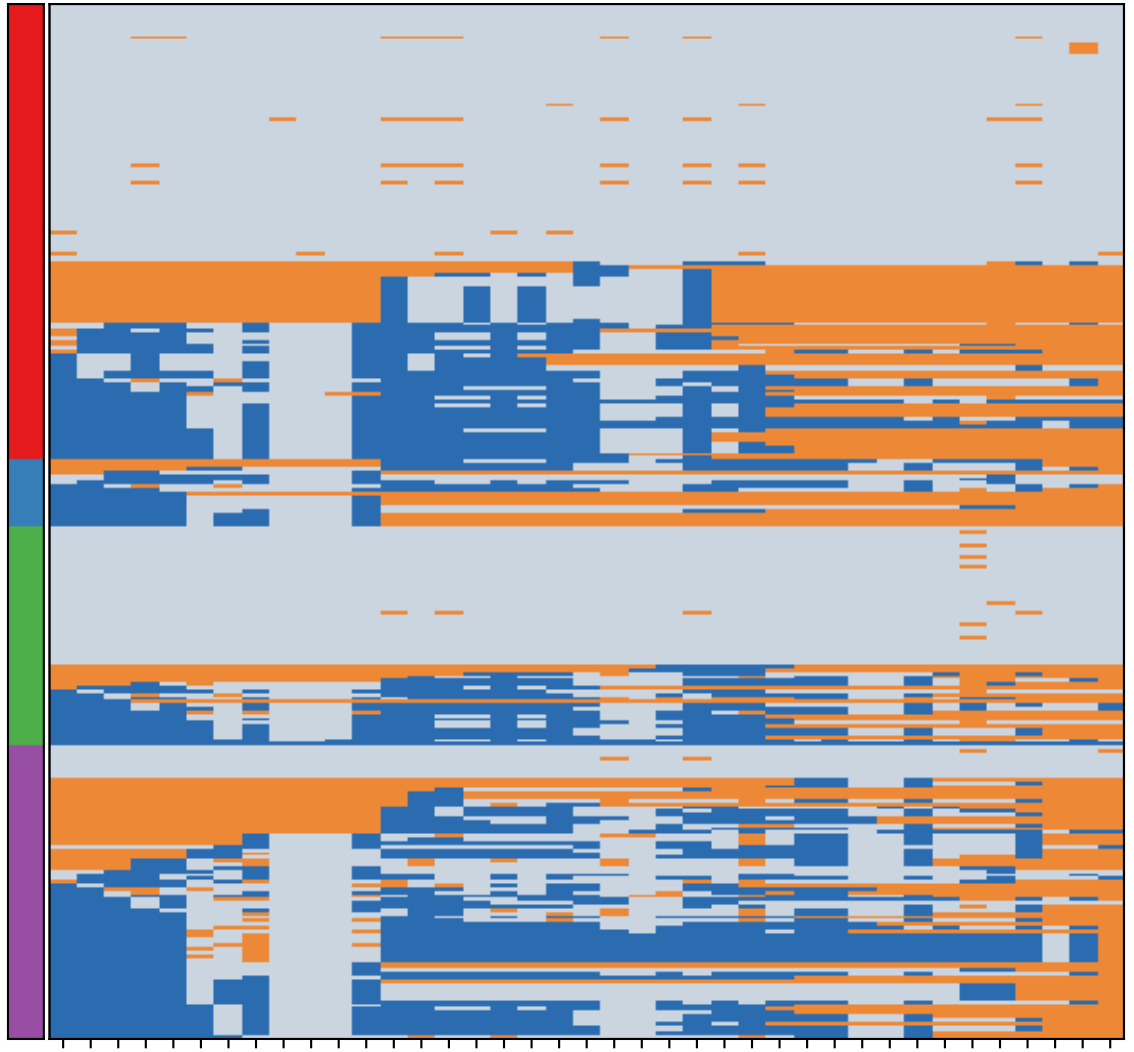


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L234 15 genes content 1% of 293 strains type: unresolved Starship: Osiris-h3

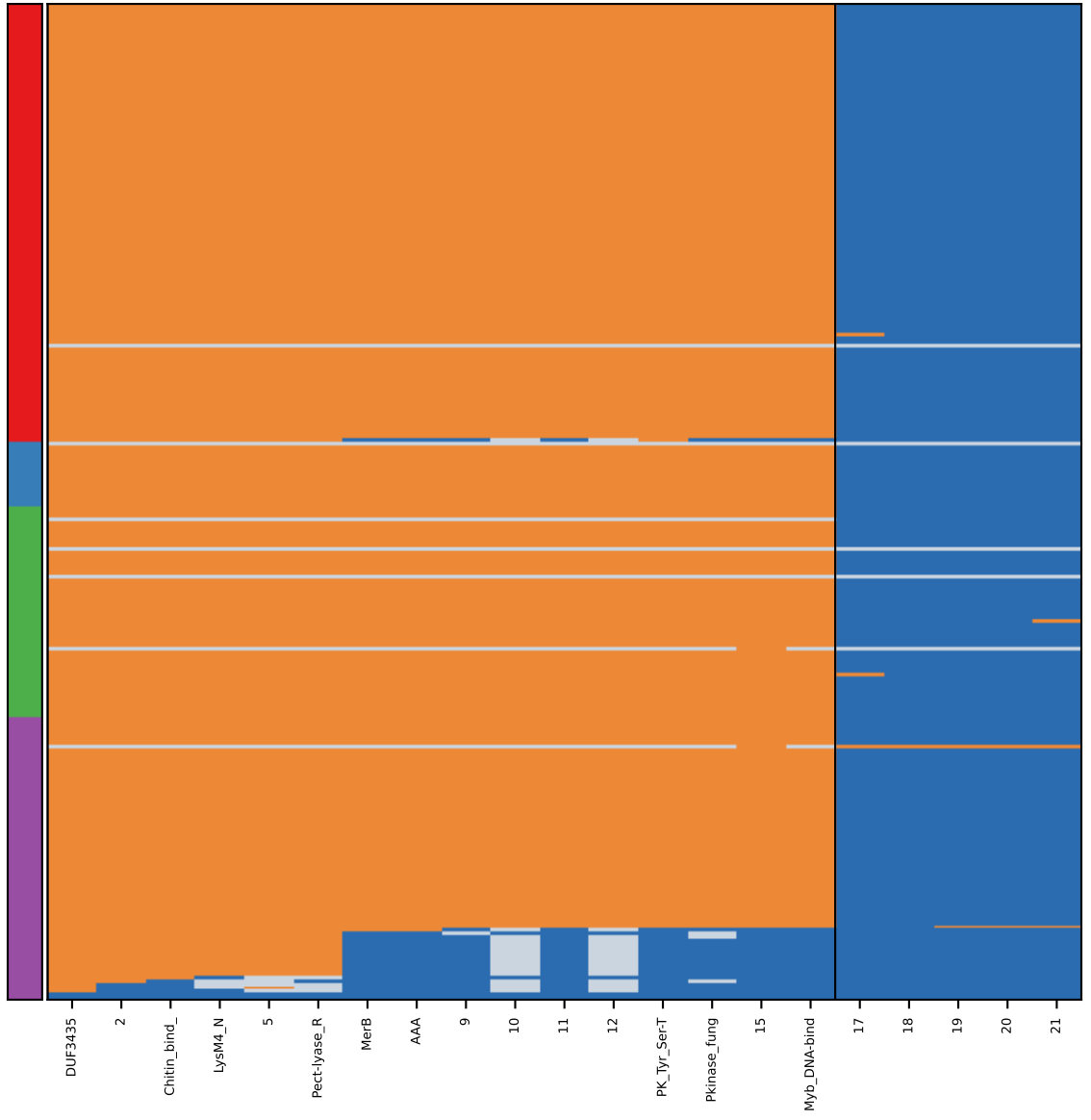


L235 39 genes content 12% of 293 strains type: unresolved Starship: Lamia-h4

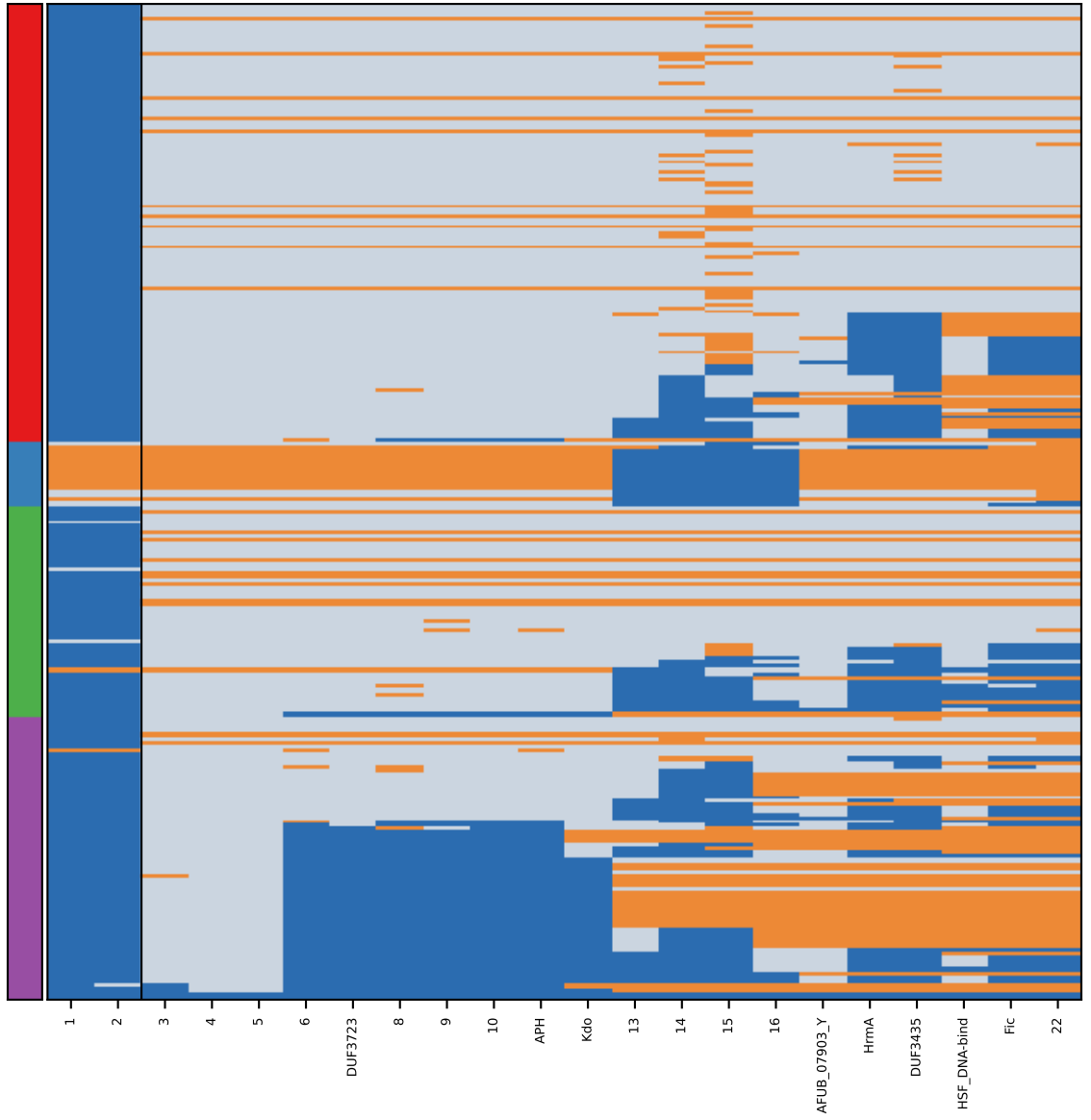


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

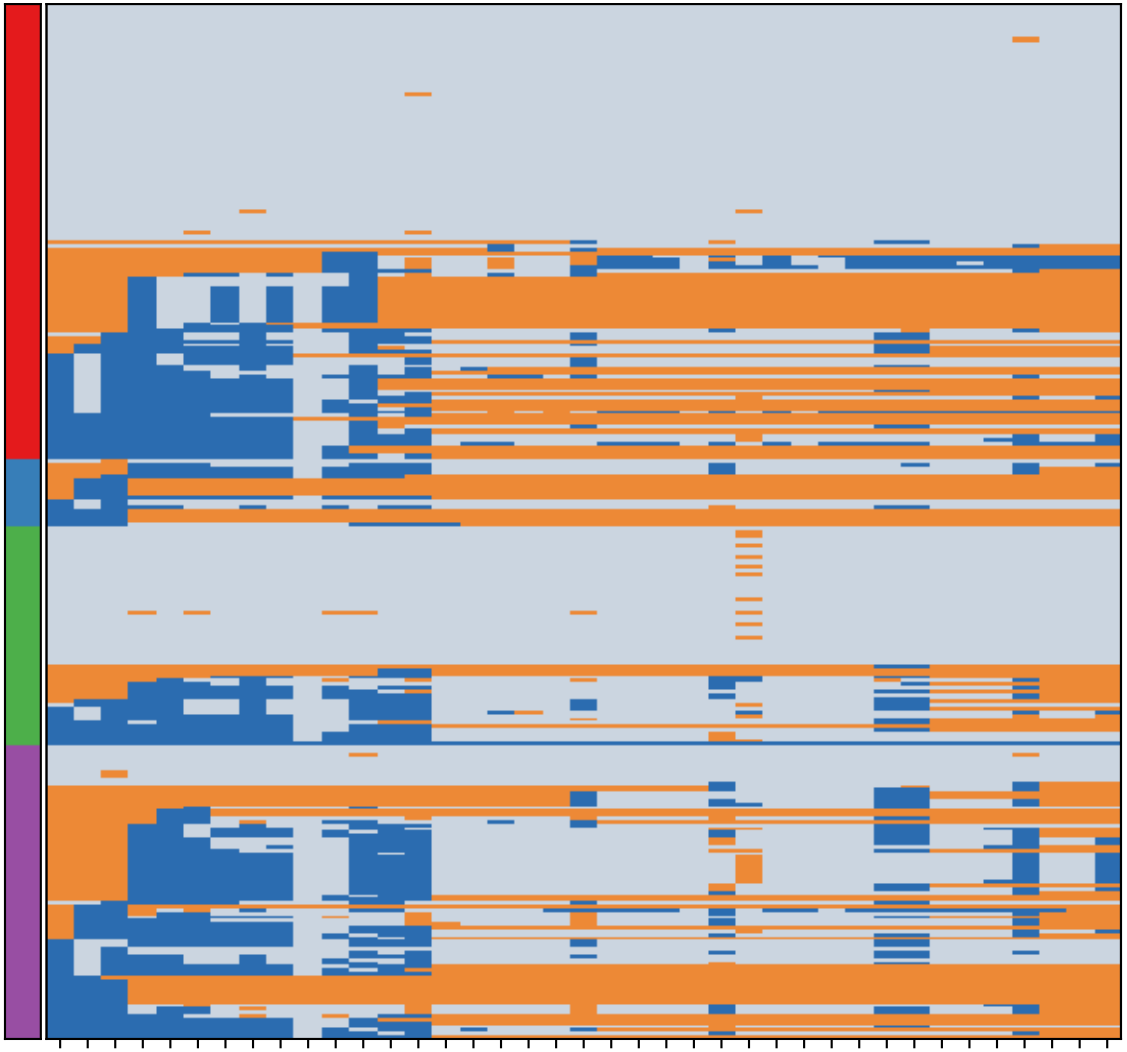
L236 16 genes content 6% of 293 strains type: unresolved



L237 20 genes content 5% of 293 strains type: unresolved Starship: Osiris-h3

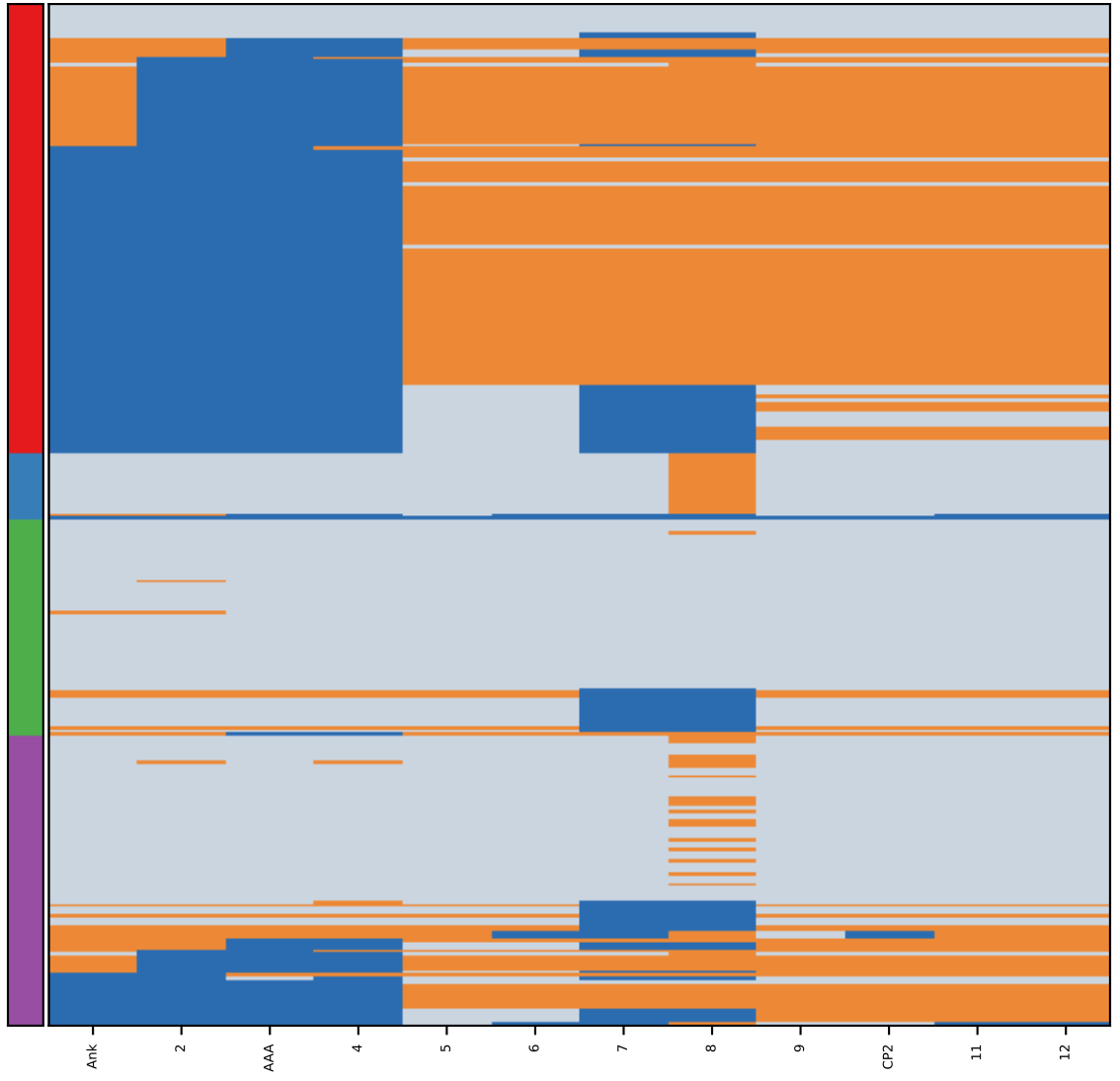


L238 39 genes content 2% of 293 strains type: unresolved

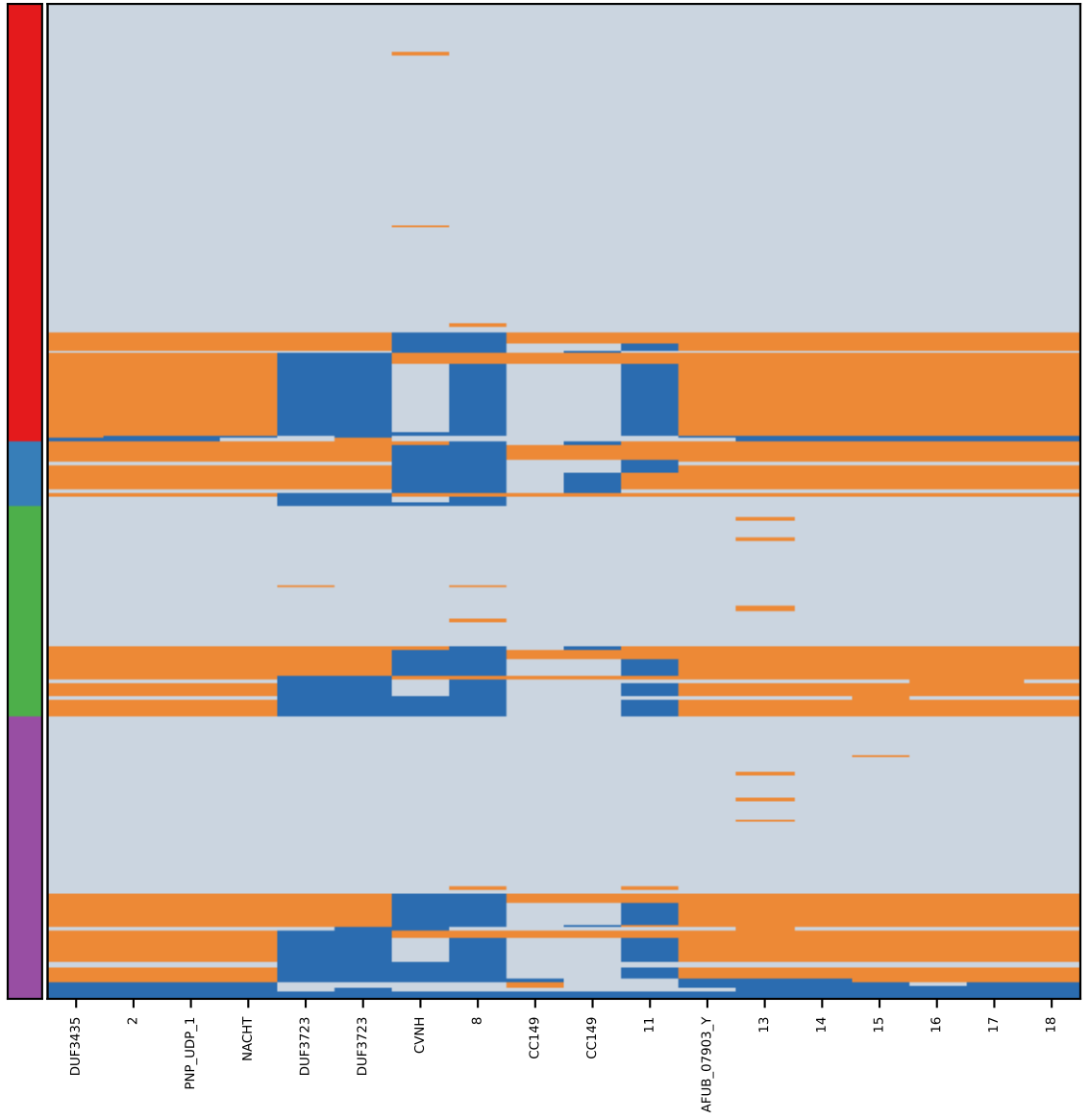


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

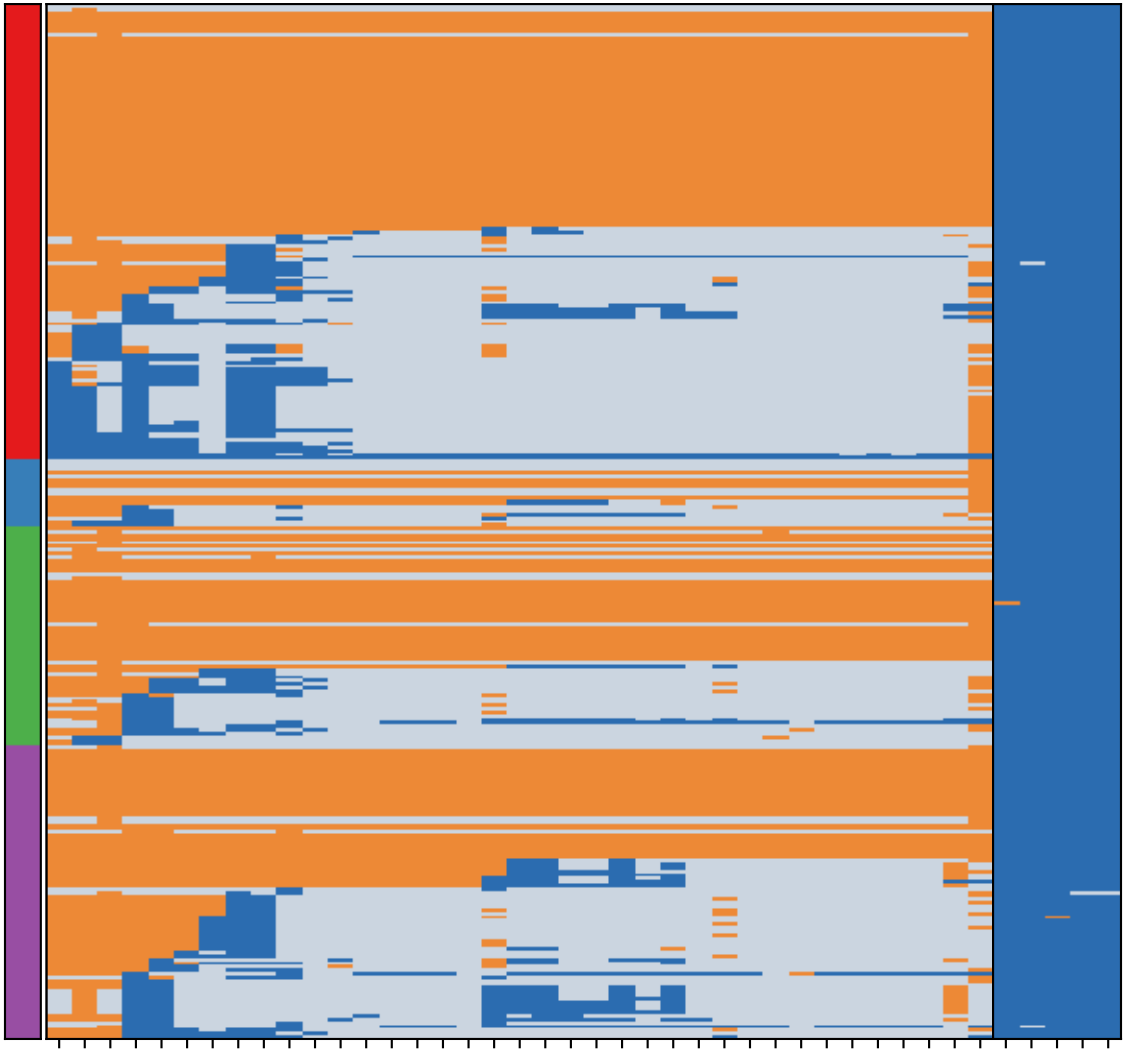
L239 12 genes content 9% of 293 strains type: unresolved



L240 18 genes content 2% of 293 strains type: unresolved

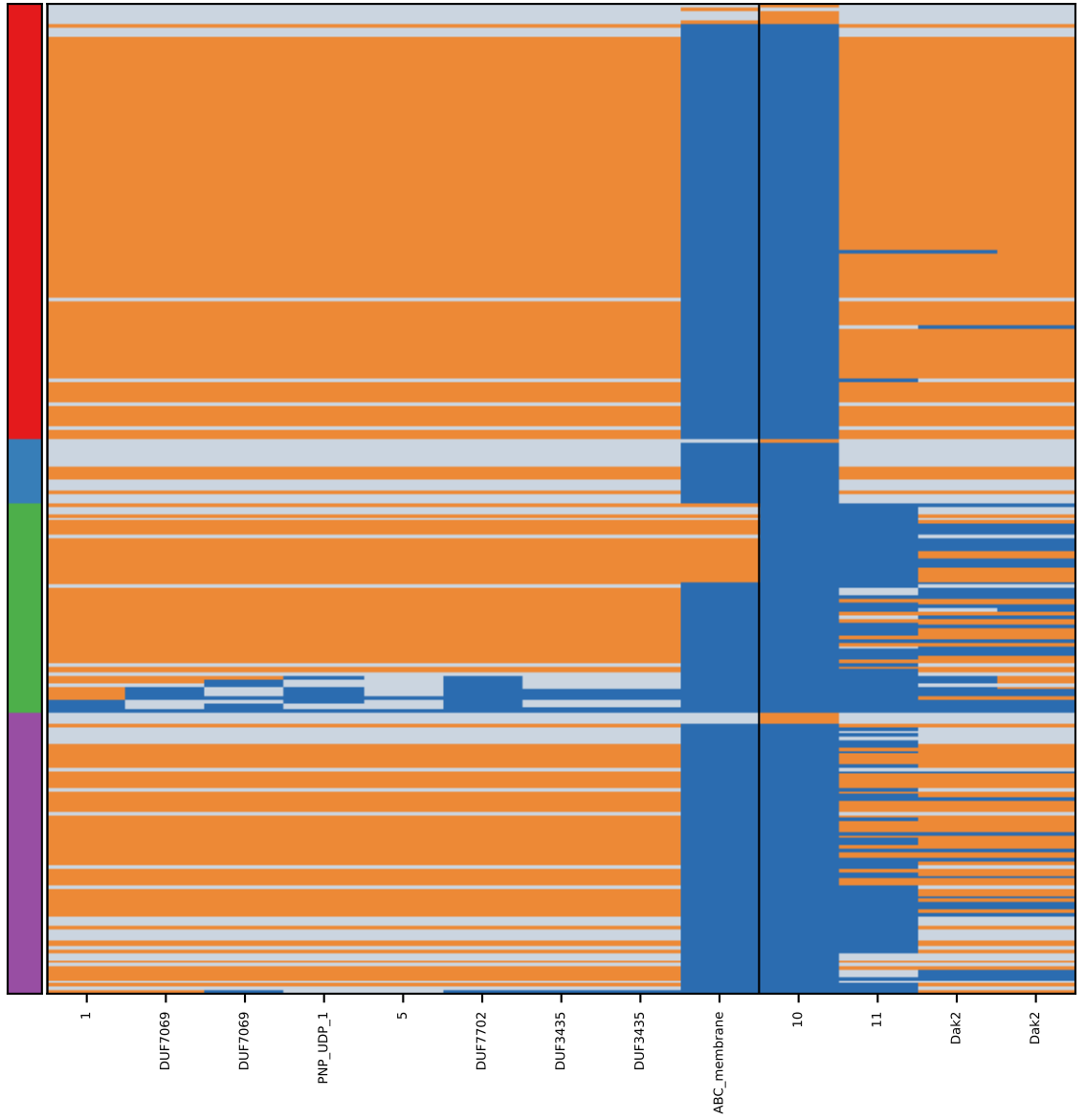


L241 37 genes content 2% of 293 strains type: unresolved

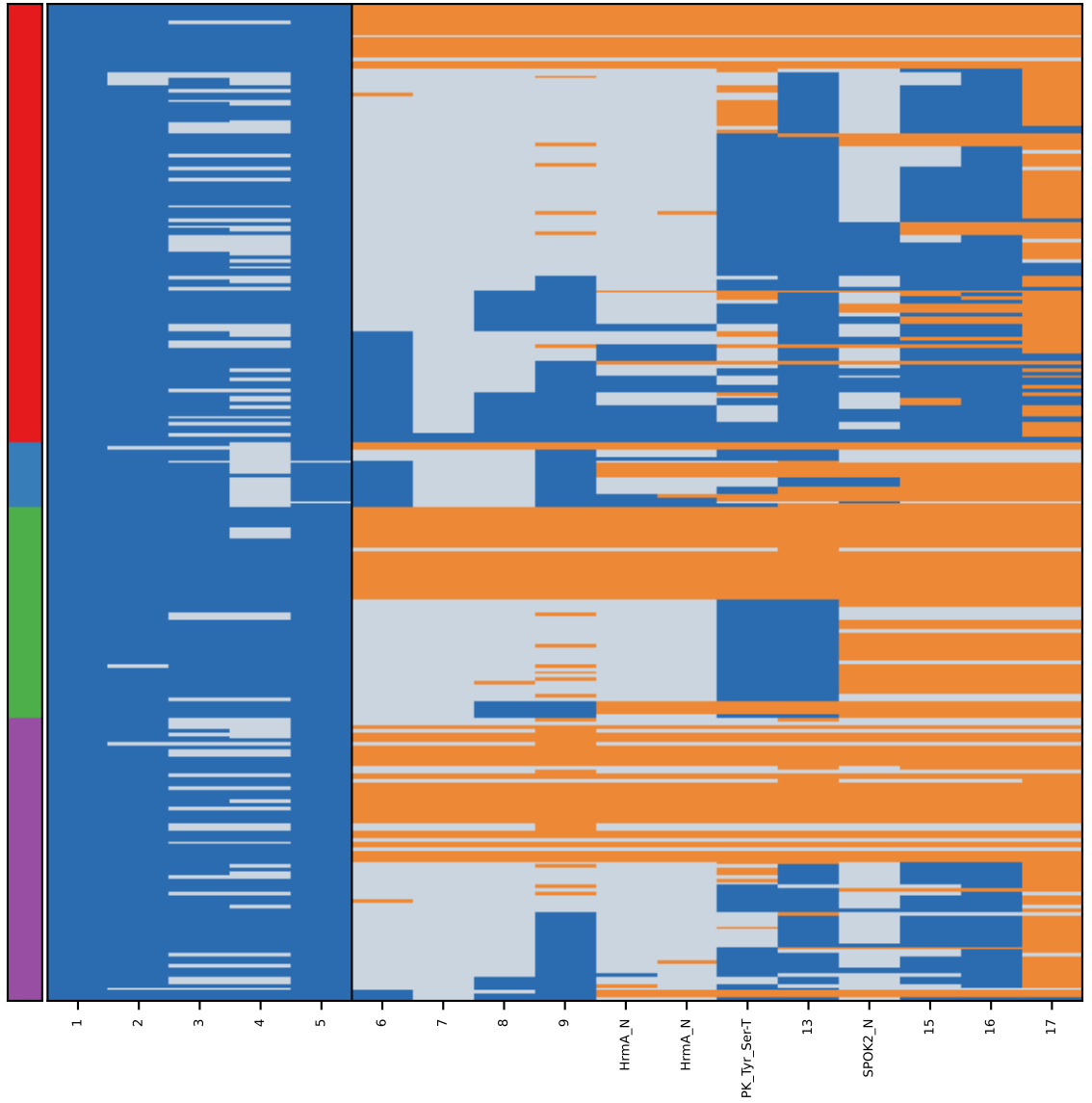


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L242 9 genes content 2% of 293 strains type: unresolved

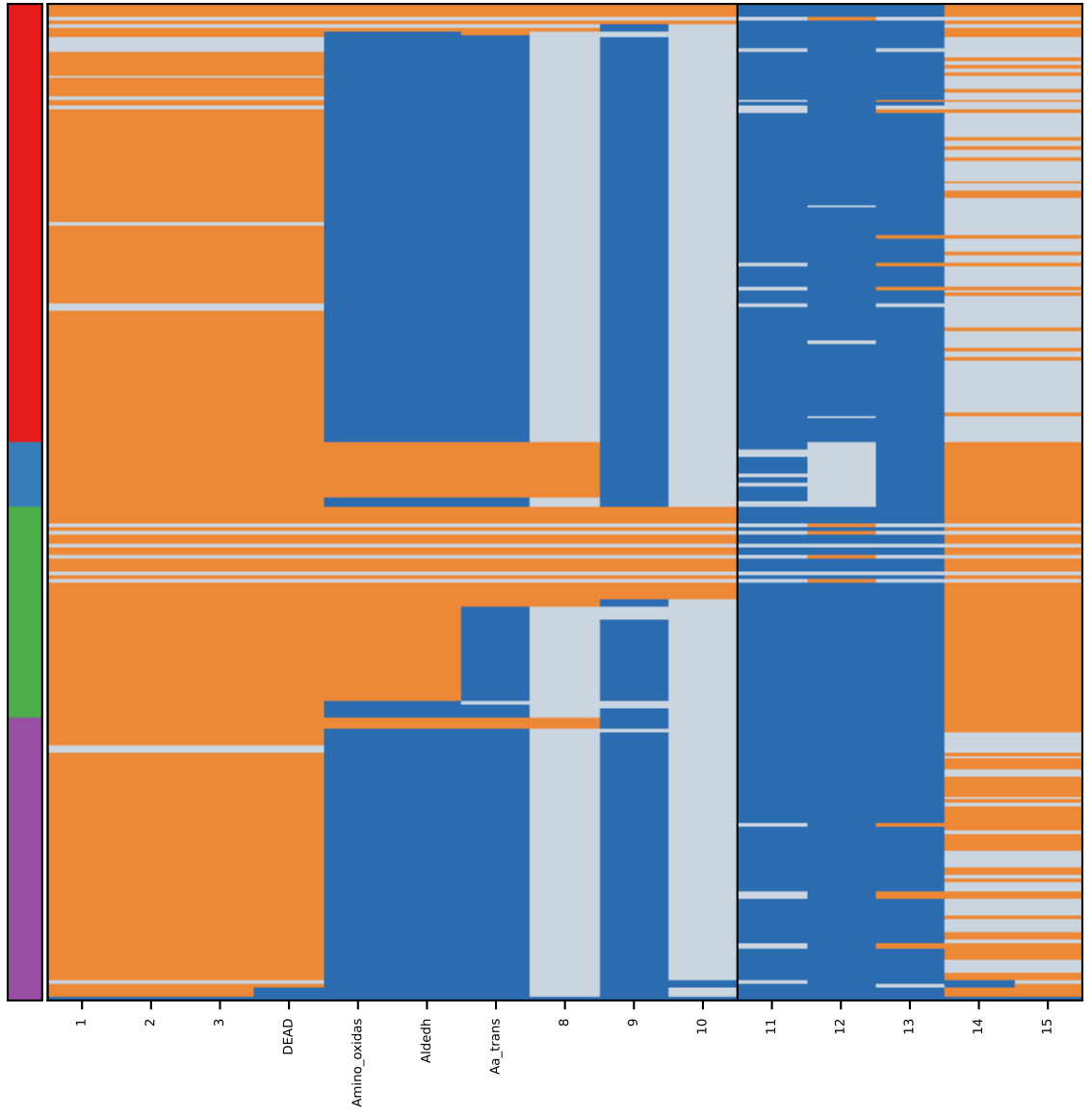


L243 12 genes content 13% of 293 strains type: unresolved Starship: Osiris-h3

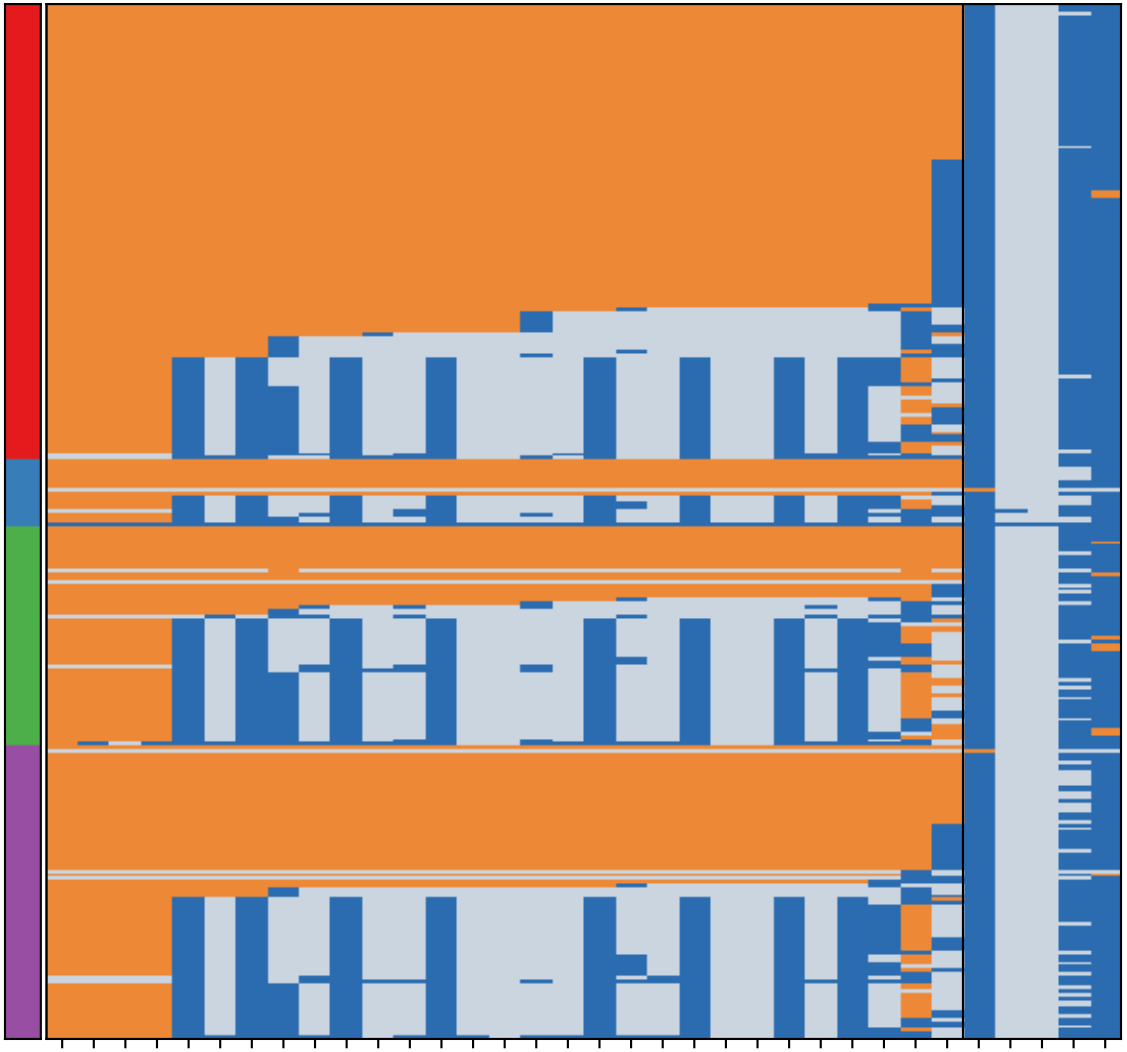


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L244 10 genes content 2% of 293 strains type: unresolved

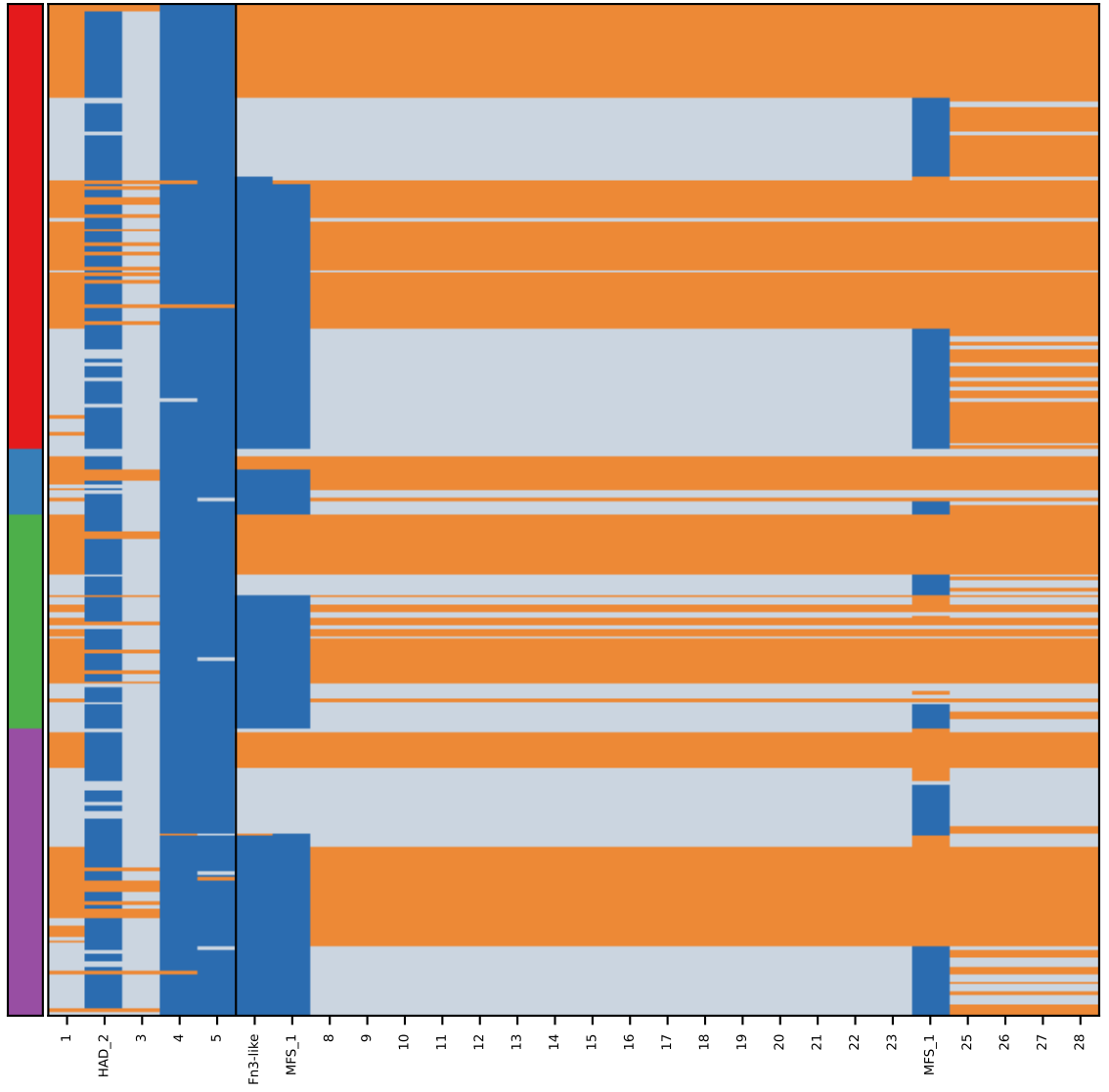


L245 29 genes content 2% of 293 strains type: unresolved



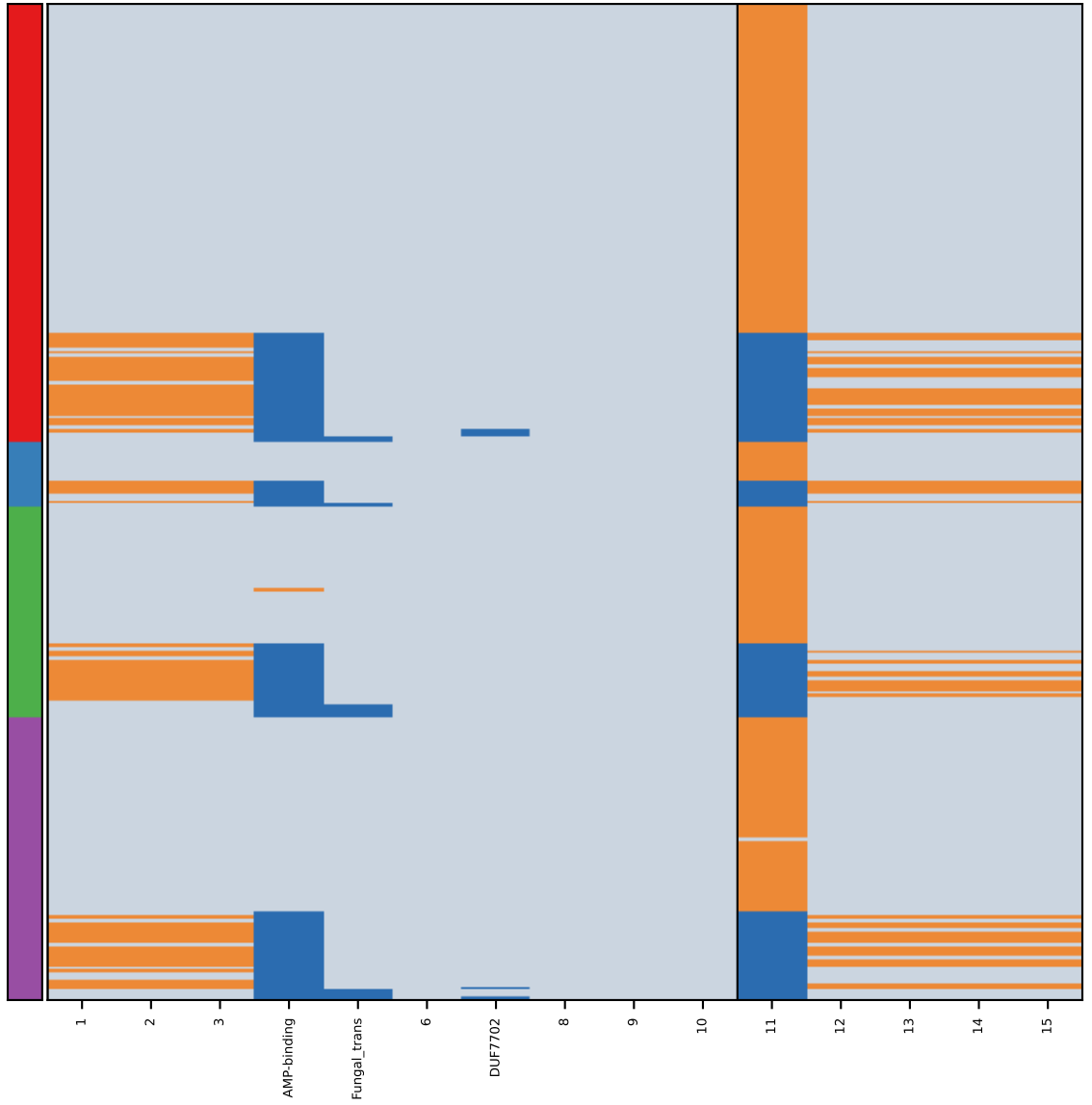
gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L246 23 genes content 0% of 293 strains type: unresolved

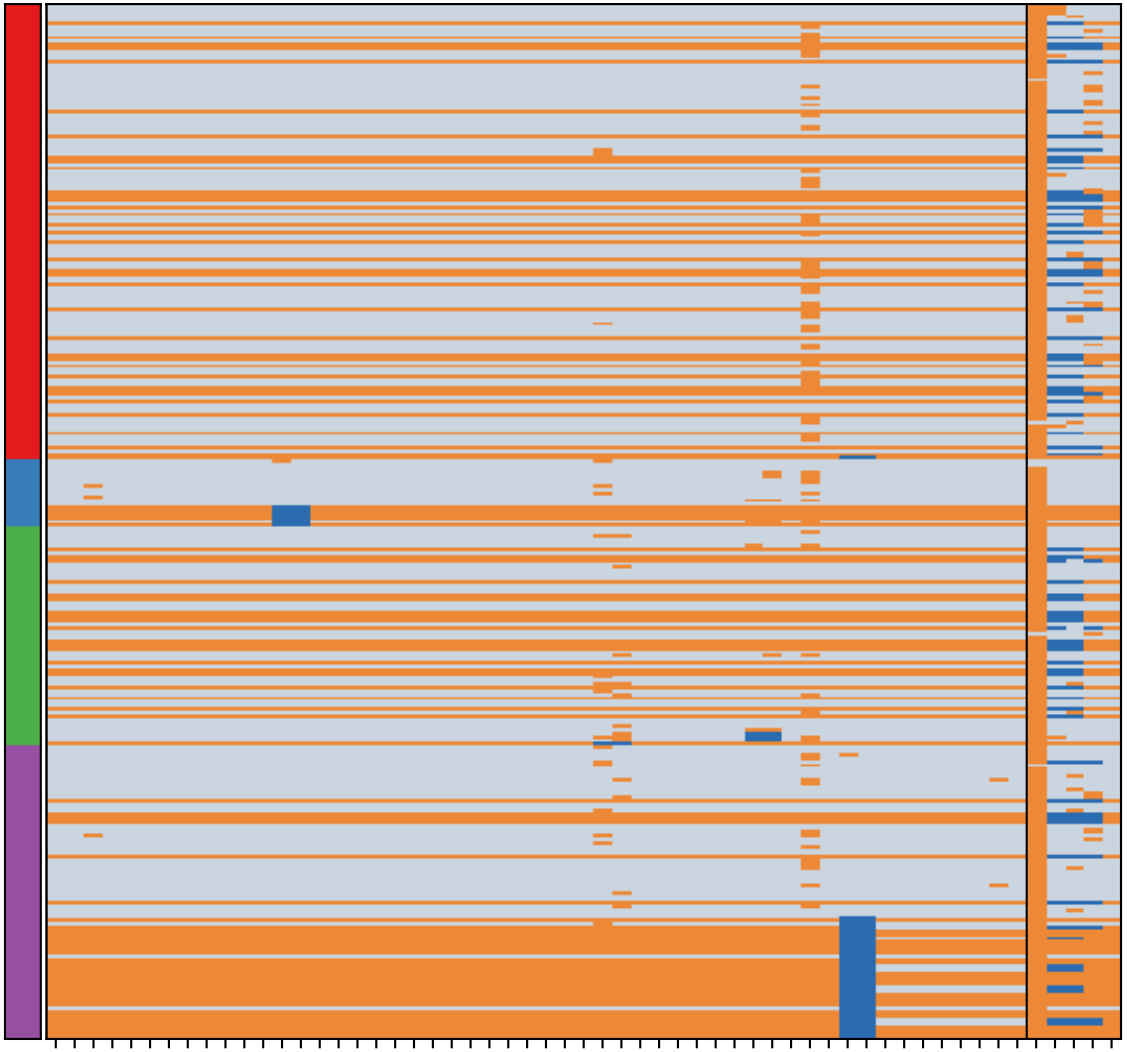


gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3

L247 10 genes content 0% of 293 strains type: unresolved



L248 52 genes content 0% of 293 strains type: unresolved Starship: Lamia-h4



gene in place
DNA at site, no gene
DNA checked, absent
not DNA-checked
elsewhere / contig break
clade_0
clade_1
clade_2
clade_3